

Clause 4.2.2 Transmitter maximum output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Low Limit (dBm)	high Limit (dBm)	Verdict
n1	30	10	385000	12@6	DFT_BPSK	22.95	19	26	PASS
n1	30	10	385000	1@1	DFT_BPSK	23.09	19	26	PASS
n1	30	10	385000	1@22	DFT_BPSK	23.06	19	26	PASS
n1	30	10	385000	12@6	DFT_QPSK	22.98	19	26	PASS
n1	30	10	385000	1@1	DFT_QPSK	22.79	19	26	PASS
n1	30	10	385000	1@22	DFT_QPSK	22.85	19	26	PASS
n1	30	10	390000	12@6	DFT_BPSK	22.89	19	26	PASS
n1	30	10	390000	1@1	DFT_BPSK	22.93	19	26	PASS
n1	30	10	390000	1@22	DFT_BPSK	22.95	19	26	PASS
n1	30	10	390000	12@6	DFT_QPSK	22.93	19	26	PASS
n1	30	10	390000	1@1	DFT_QPSK	22.67	19	26	PASS
n1	30	10	390000	1@22	DFT_QPSK	22.74	19	26	PASS
n1	30	10	395000	12@6	DFT_BPSK	22.74	19	26	PASS
n1	30	10	395000	1@1	DFT_BPSK	22.87	19	26	PASS
n1	30	10	395000	1@22	DFT_BPSK	22.90	19	26	PASS
n1	30	10	395000	12@6	DFT_QPSK	22.80	19	26	PASS
n1	30	10	395000	1@1	DFT_QPSK	22.72	19	26	PASS
n1	30	10	395000	1@22	DFT_QPSK	22.76	19	26	PASS
n1	30	15	385500	18@9	DFT_BPSK	22.93	19	26	PASS
n1	30	15	385500	1@1	DFT_BPSK	22.90	19	26	PASS
n1	30	15	385500	1@36	DFT_BPSK	22.84	19	26	PASS
n1	30	15	385500	18@9	DFT_QPSK	22.95	19	26	PASS
n1	30	15	385500	1@1	DFT_QPSK	22.86	19	26	PASS
n1	30	15	385500	1@36	DFT_QPSK	22.80	19	26	PASS
n1	30	15	390000	18@9	DFT_BPSK	22.83	19	26	PASS
n1	30	15	390000	1@1	DFT_BPSK	22.78	19	26	PASS
n1	30	15	390000	1@36	DFT_BPSK	22.85	19	26	PASS
n1	30	15	390000	18@9	DFT_QPSK	22.88	19	26	PASS
n1	30	15	390000	1@1	DFT_QPSK	22.74	19	26	PASS
n1	30	15	390000	1@36	DFT_QPSK	22.79	19	26	PASS
n1	30	15	394500	18@9	DFT_BPSK	22.80	19	26	PASS
n1	30	15	394500	1@1	DFT_BPSK	22.81	19	26	PASS
n1	30	15	394500	1@36	DFT_BPSK	22.91	19	26	PASS
n1	30	15	394500	18@9	DFT_QPSK	22.82	19	26	PASS
n1	30	15	394500	1@1	DFT_QPSK	22.58	19	26	PASS
n1	30	15	394500	1@36	DFT_QPSK	22.63	19	26	PASS
n1	30	20	386000	25@12	DFT_BPSK	22.91	19	26	PASS
n1	30	20	386000	1@1	DFT_BPSK	22.95	19	26	PASS
n1	30	20	386000	1@49	DFT_BPSK	22.82	19	26	PASS
n1	30	20	386000	25@12	DFT_QPSK	22.94	19	26	PASS

n1	30	20	386000	1@1	DFT_QPSK	22.72	19	26	PASS
n1	30	20	386000	1@49	DFT_QPSK	22.64	19	26	PASS
n1	30	20	390000	25@12	DFT_BPSK	22.88	19	26	PASS
n1	30	20	390000	1@1	DFT_BPSK	22.70	19	26	PASS
n1	30	20	390000	1@49	DFT_BPSK	22.77	19	26	PASS
n1	30	20	390000	25@12	DFT_QPSK	22.90	19	26	PASS
n1	30	20	390000	1@1	DFT_QPSK	22.64	19	26	PASS
n1	30	20	390000	1@49	DFT_QPSK	22.75	19	26	PASS
n1	30	20	394000	25@12	DFT_BPSK	22.76	19	26	PASS
n1	30	20	394000	1@1	DFT_BPSK	22.77	19	26	PASS
n1	30	20	394000	1@49	DFT_BPSK	22.80	19	26	PASS
n1	30	20	394000	25@12	DFT_QPSK	22.76	19	26	PASS
n1	30	20	394000	1@1	DFT_QPSK	22.60	19	26	PASS
n1	30	20	394000	1@49	DFT_QPSK	22.63	19	26	PASS
n20	30	10	167400	12@6	DFT_BPSK	23.33	19	26	PASS
n20	30	10	167400	1@1	DFT_BPSK	23.21	19	26	PASS
n20	30	10	167400	1@22	DFT_BPSK	23.38	19	26	PASS
n20	30	10	167400	12@6	DFT_QPSK	23.35	19	26	PASS
n20	30	10	167400	1@1	DFT_QPSK	23.44	19	26	PASS
n20	30	10	167400	1@22	DFT_QPSK	23.52	19	26	PASS
n20	30	10	169400	12@6	DFT_BPSK	23.60	19	26	PASS
n20	30	10	169400	1@1	DFT_BPSK	23.38	19	26	PASS
n20	30	10	169400	1@22	DFT_BPSK	23.57	19	26	PASS
n20	30	10	169400	12@6	DFT_QPSK	19.69	19	26	PASS
n20	30	10	169400	1@1	DFT_QPSK	23.63	19	26	PASS
n20	30	10	169400	1@22	DFT_QPSK	23.78	19	26	PASS
n20	30	10	171400	12@6	DFT_BPSK	23.63	19	26	PASS
n20	30	10	171400	1@1	DFT_BPSK	23.61	19	26	PASS
n20	30	10	171400	1@22	DFT_BPSK	23.49	19	26	PASS
n20	30	10	171400	12@6	DFT_QPSK	22.69	19	26	PASS
n20	30	10	171400	1@1	DFT_QPSK	24.12	19	26	PASS
n20	30	10	171400	1@22	DFT_QPSK	23.96	19	26	PASS
n20	30	15	167900	18@9	DFT_BPSK	23.38	19	26	PASS
n20	30	15	167900	1@1	DFT_BPSK	23.26	19	26	PASS
n20	30	15	167900	1@36	DFT_BPSK	23.57	19	26	PASS
n20	30	15	167900	18@9	DFT_QPSK	23.46	19	26	PASS
n20	30	15	167900	1@1	DFT_QPSK	23.73	19	26	PASS
n20	30	15	167900	1@36	DFT_QPSK	24.18	19	26	PASS
n20	30	15	169400	18@9	DFT_BPSK	23.63	19	26	PASS
n20	30	15	169400	1@1	DFT_BPSK	23.42	19	26	PASS
n20	30	15	169400	1@36	DFT_BPSK	23.62	19	26	PASS
n20	30	15	169400	18@9	DFT_QPSK	22.67	19	26	PASS
n20	30	15	169400	1@1	DFT_QPSK	23.82	19	26	PASS
n20	30	15	169400	1@36	DFT_QPSK	24.19	19	26	PASS

n20	30	15	170900	18@9	DFT_BPSK	23.62	19	26	PASS
n20	30	15	170900	1@1	DFT_BPSK	23.58	19	26	PASS
n20	30	15	170900	1@36	DFT_BPSK	23.45	19	26	PASS
n20	30	15	170900	18@9	DFT_QPSK	22.10	19	26	PASS
n20	30	15	170900	1@1	DFT_QPSK	23.77	19	26	PASS
n20	30	15	170900	1@36	DFT_QPSK	23.61	19	26	PASS
n20	30	20	168400	25@12	DFT_BPSK	23.52	19	26	PASS
n20	30	20	168400	1@1	DFT_BPSK	23.15	19	26	PASS
n20	30	20	168400	1@49	DFT_BPSK	23.53	19	26	PASS
n20	30	20	168400	25@12	DFT_QPSK	21.26	19	26	PASS
n20	30	20	168400	1@1	DFT_QPSK	23.34	19	26	PASS
n20	30	20	168400	1@49	DFT_QPSK	23.71	19	26	PASS
n20	30	20	169400	25@12	DFT_BPSK	23.67	19	26	PASS
n20	30	20	169400	1@1	DFT_BPSK	23.24	19	26	PASS
n20	30	20	169400	1@49	DFT_BPSK	23.44	19	26	PASS
n20	30	20	169400	25@12	DFT_QPSK	22.67	19	26	PASS
n20	30	20	169400	1@1	DFT_QPSK	23.37	19	26	PASS
n20	30	20	169400	1@49	DFT_QPSK	23.68	19	26	PASS
n20	30	20	170400	25@12	DFT_BPSK	23.62	19	26	PASS
n20	30	20	170400	1@1	DFT_BPSK	23.38	19	26	PASS
n20	30	20	170400	1@49	DFT_BPSK	23.41	19	26	PASS
n20	30	20	170400	25@12	DFT_QPSK	22.16	19	26	PASS
n20	30	20	170400	1@1	DFT_QPSK	23.56	19	26	PASS
n20	30	20	170400	1@49	DFT_QPSK	23.58	19	26	PASS
n28	30	10	141600	12@6	DFT_BPSK	23.64	19	26	PASS
n28	30	10	141600	1@1	DFT_BPSK	23.55	19	26	PASS
n28	30	10	141600	1@22	DFT_BPSK	23.53	19	26	PASS
n28	30	10	141600	12@6	DFT_QPSK	23.62	19	26	PASS
n28	30	10	141600	1@1	DFT_QPSK	24.22	19	26	PASS
n28	30	10	141600	1@22	DFT_QPSK	24.30	19	26	PASS
n28	30	10	145100	12@6	DFT_BPSK	23.65	19	26	PASS
n28	30	10	145100	1@1	DFT_BPSK	23.58	19	26	PASS
n28	30	10	145100	1@22	DFT_BPSK	23.58	19	26	PASS
n28	30	10	145100	12@6	DFT_QPSK	21.43	19	26	PASS
n28	30	10	145100	1@1	DFT_QPSK	23.92	19	26	PASS
n28	30	10	145100	1@22	DFT_QPSK	24.09	19	26	PASS
n28	30	10	148600	12@6	DFT_BPSK	23.78	19	26	PASS
n28	30	10	148600	1@1	DFT_BPSK	23.61	19	26	PASS
n28	30	10	148600	1@22	DFT_BPSK	23.67	19	26	PASS
n28	30	10	148600	12@6	DFT_QPSK	23.77	19	26	PASS
n28	30	10	148600	1@1	DFT_QPSK	24.56	19	26	PASS
n28	30	10	148600	1@22	DFT_QPSK	24.63	19	26	PASS
n28	30	15	142100	18@9	DFT_BPSK	23.62	19	26	PASS
n28	30	15	142100	1@1	DFT_BPSK	23.53	19	26	PASS

n28	30	15	142100	1@36	DFT_BPSK	23.62	19	26	PASS
n28	30	15	142100	18@9	DFT_QPSK	21.42	19	26	PASS
n28	30	15	142100	1@1	DFT_QPSK	24.36	19	26	PASS
n28	30	15	142100	1@36	DFT_QPSK	24.31	19	26	PASS
n28	30	15	145100	18@9	DFT_BPSK	23.63	19	26	PASS
n28	30	15	145100	1@1	DFT_BPSK	23.58	19	26	PASS
n28	30	15	145100	1@36	DFT_BPSK	23.47	19	26	PASS
n28	30	15	145100	18@9	DFT_QPSK	23.69	19	26	PASS
n28	30	15	145100	1@1	DFT_QPSK	23.81	19	26	PASS
n28	30	15	145100	1@36	DFT_QPSK	23.80	19	26	PASS
n28	30	15	148100	18@9	DFT_BPSK	23.69	19	26	PASS
n28	30	15	148100	1@1	DFT_BPSK	23.52	19	26	PASS
n28	30	15	148100	1@36	DFT_BPSK	23.60	19	26	PASS
n28	30	15	148100	18@9	DFT_QPSK	22.19	19	26	PASS
n28	30	15	148100	1@1	DFT_QPSK	23.95	19	26	PASS
n28	30	15	148100	1@36	DFT_QPSK	24.05	19	26	PASS
n28	30	20	142600	25@12	DFT_BPSK	23.64	19	26	PASS
n28	30	20	142600	1@1	DFT_BPSK	23.40	19	26	PASS
n28	30	20	142600	1@49	DFT_BPSK	23.51	19	26	PASS
n28	30	20	142600	25@12	DFT_QPSK	21.40	19	26	PASS
n28	30	20	142600	1@1	DFT_QPSK	23.66	19	26	PASS
n28	30	20	142600	1@49	DFT_QPSK	23.74	19	26	PASS
n28	30	20	145100	25@12	DFT_BPSK	23.62	19	26	PASS
n28	30	20	145100	1@1	DFT_BPSK	23.50	19	26	PASS
n28	30	20	145100	1@49	DFT_BPSK	23.38	19	26	PASS
n28	30	20	145100	25@12	DFT_QPSK	20.68	19	26	PASS
n28	30	20	145100	1@1	DFT_QPSK	23.72	19	26	PASS
n28	30	20	145100	1@49	DFT_QPSK	23.81	19	26	PASS
n28	30	20	147600	25@12	DFT_BPSK	23.77	19	26	PASS
n28	30	20	147600	1@1	DFT_BPSK	23.54	19	26	PASS
n28	30	20	147600	1@49	DFT_BPSK	23.56	19	26	PASS
n28	30	20	147600	25@12	DFT_QPSK	23.73	19	26	PASS
n28	30	20	147600	1@1	DFT_QPSK	23.77	19	26	PASS
n28	30	20	147600	1@49	DFT_QPSK	23.99	19	26	PASS
n3	30	10	343000	12@6	DFT_BPSK	23.29	19	26	PASS
n3	30	10	343000	1@1	DFT_BPSK	23.70	19	26	PASS
n3	30	10	343000	1@22	DFT_BPSK	23.83	19	26	PASS
n3	30	10	343000	12@6	DFT_QPSK	23.91	19	26	PASS
n3	30	10	343000	1@1	DFT_QPSK	24.63	19	26	PASS
n3	30	10	343000	1@22	DFT_QPSK	24.79	19	26	PASS
n3	30	10	349500	12@6	DFT_BPSK	23.50	19	26	PASS
n3	30	10	349500	1@1	DFT_BPSK	23.41	19	26	PASS
n3	30	10	349500	1@22	DFT_BPSK	23.56	19	26	PASS
n3	30	10	349500	12@6	DFT_QPSK	23.04	19	26	PASS

n3	30	10	349500	1@1	DFT_QPSK	23.77	19	26	PASS
n3	30	10	349500	1@22	DFT_QPSK	23.97	19	26	PASS
n3	30	10	356000	12@6	DFT_BPSK	23.11	19	26	PASS
n3	30	10	356000	1@1	DFT_BPSK	22.98	19	26	PASS
n3	30	10	356000	1@22	DFT_BPSK	22.98	19	26	PASS
n3	30	10	356000	12@6	DFT_QPSK	23.12	19	26	PASS
n3	30	10	356000	1@1	DFT_QPSK	23.59	19	26	PASS
n3	30	10	356000	1@22	DFT_QPSK	24.07	19	26	PASS
n3	30	20	344000	25@12	DFT_BPSK	23.82	19	26	PASS
n3	30	20	344000	1@1	DFT_BPSK	23.55	19	26	PASS
n3	30	20	344000	1@49	DFT_BPSK	23.57	19	26	PASS
n3	30	20	344000	25@12	DFT_QPSK	23.89	19	26	PASS
n3	30	20	344000	1@1	DFT_QPSK	23.97	19	26	PASS
n3	30	20	344000	1@49	DFT_QPSK	23.86	19	26	PASS
n3	30	20	349500	25@12	DFT_BPSK	23.49	19	26	PASS
n3	30	20	349500	1@1	DFT_BPSK	23.32	19	26	PASS
n3	30	20	349500	1@49	DFT_BPSK	23.51	19	26	PASS
n3	30	20	349500	25@12	DFT_QPSK	23.55	19	26	PASS
n3	30	20	349500	1@1	DFT_QPSK	23.59	19	26	PASS
n3	30	20	349500	1@49	DFT_QPSK	23.74	19	26	PASS
n3	30	20	355000	25@12	DFT_BPSK	23.12	19	26	PASS
n3	30	20	355000	1@1	DFT_BPSK	23.22	19	26	PASS
n3	30	20	355000	1@49	DFT_BPSK	22.89	19	26	PASS
n3	30	20	355000	25@12	DFT_QPSK	23.17	19	26	PASS
n3	30	20	355000	1@1	DFT_QPSK	23.81	19	26	PASS
n3	30	20	355000	1@49	DFT_QPSK	23.71	19	26	PASS
n3	30	30	345000	36@18	DFT_BPSK	23.73	19	26	PASS
n3	30	30	345000	1@1	DFT_BPSK	23.49	19	26	PASS
n3	30	30	345000	1@76	DFT_BPSK	23.14	19	26	PASS
n3	30	30	345000	36@18	DFT_QPSK	23.80	19	26	PASS
n3	30	30	345000	1@1	DFT_QPSK	24.39	19	26	PASS
n3	30	30	345000	1@76	DFT_QPSK	23.88	19	26	PASS
n3	30	30	349500	36@18	DFT_BPSK	23.52	19	26	PASS
n3	30	30	349500	1@1	DFT_BPSK	23.21	19	26	PASS
n3	30	30	349500	1@76	DFT_BPSK	23.36	19	26	PASS
n3	30	30	349500	36@18	DFT_QPSK	23.54	19	26	PASS
n3	30	30	349500	1@1	DFT_QPSK	23.99	19	26	PASS
n3	30	30	349500	1@76	DFT_QPSK	24.04	19	26	PASS
n3	30	30	354000	36@18	DFT_BPSK	23.23	19	26	PASS
n3	30	30	354000	1@1	DFT_BPSK	23.17	19	26	PASS
n3	30	30	354000	1@76	DFT_BPSK	22.67	19	26	PASS
n3	30	30	354000	36@18	DFT_QPSK	23.24	19	26	PASS
n3	30	30	354000	1@1	DFT_QPSK	23.40	19	26	PASS
n3	30	30	354000	1@76	DFT_QPSK	23.02	19	26	PASS

n38	30	10	515000	12@6	DFT_BPSK	24.21	19	26	PASS
n38	30	10	515000	1@1	DFT_BPSK	24.04	19	26	PASS
n38	30	10	515000	1@22	DFT_BPSK	24.22	19	26	PASS
n38	30	10	515000	12@6	DFT_QPSK	24.20	19	26	PASS
n38	30	10	515000	1@1	DFT_QPSK	23.99	19	26	PASS
n38	30	10	515000	1@22	DFT_QPSK	24.15	19	26	PASS
n38	30	10	519000	12@6	DFT_BPSK	23.99	19	26	PASS
n38	30	10	519000	1@1	DFT_BPSK	23.96	19	26	PASS
n38	30	10	519000	1@22	DFT_BPSK	23.84	19	26	PASS
n38	30	10	519000	12@6	DFT_QPSK	23.98	19	26	PASS
n38	30	10	519000	1@1	DFT_QPSK	23.88	19	26	PASS
n38	30	10	519000	1@22	DFT_QPSK	23.80	19	26	PASS
n38	30	10	523000	12@6	DFT_BPSK	23.87	19	26	PASS
n38	30	10	523000	1@1	DFT_BPSK	23.69	19	26	PASS
n38	30	10	523000	1@22	DFT_BPSK	23.82	19	26	PASS
n38	30	10	523000	12@6	DFT_QPSK	23.86	19	26	PASS
n38	30	10	523000	1@1	DFT_QPSK	23.67	19	26	PASS
n38	30	10	523000	1@22	DFT_QPSK	23.78	19	26	PASS
n38	30	15	515500	18@9	DFT_BPSK	24.23	19	26	PASS
n38	30	15	515500	1@1	DFT_BPSK	24.03	19	26	PASS
n38	30	15	515500	1@36	DFT_BPSK	24.21	19	26	PASS
n38	30	15	515500	18@9	DFT_QPSK	24.24	19	26	PASS
n38	30	15	515500	1@1	DFT_QPSK	24.00	19	26	PASS
n38	30	15	515500	1@36	DFT_QPSK	24.18	19	26	PASS
n38	30	15	519000	18@9	DFT_BPSK	24.00	19	26	PASS
n38	30	15	519000	1@1	DFT_BPSK	24.04	19	26	PASS
n38	30	15	519000	1@36	DFT_BPSK	23.74	19	26	PASS
n38	30	15	519000	18@9	DFT_QPSK	23.99	19	26	PASS
n38	30	15	519000	1@1	DFT_QPSK	23.97	19	26	PASS
n38	30	15	519000	1@36	DFT_QPSK	23.70	19	26	PASS
n38	30	15	522500	18@9	DFT_BPSK	23.91	19	26	PASS
n38	30	15	522500	1@1	DFT_BPSK	23.73	19	26	PASS
n38	30	15	522500	1@36	DFT_BPSK	23.94	19	26	PASS
n38	30	15	522500	18@9	DFT_QPSK	23.91	19	26	PASS
n38	30	15	522500	1@1	DFT_QPSK	23.68	19	26	PASS
n38	30	15	522500	1@36	DFT_QPSK	23.92	19	26	PASS
n38	30	20	516000	25@12	DFT_BPSK	24.36	19	26	PASS
n38	30	20	516000	1@1	DFT_BPSK	24.06	19	26	PASS
n38	30	20	516000	1@49	DFT_BPSK	24.12	19	26	PASS
n38	30	20	516000	25@12	DFT_QPSK	24.38	19	26	PASS
n38	30	20	516000	1@1	DFT_QPSK	24.03	19	26	PASS
n38	30	20	516000	1@49	DFT_QPSK	24.11	19	26	PASS
n38	30	20	519000	25@12	DFT_BPSK	24.11	19	26	PASS
n38	30	20	519000	1@1	DFT_BPSK	24.20	19	26	PASS

n38	30	20	519000	1@49	DFT_BPSK	23.81	19	26	PASS
n38	30	20	519000	25@12	DFT_QPSK	24.11	19	26	PASS
n38	30	20	519000	1@1	DFT_QPSK	24.14	19	26	PASS
n38	30	20	519000	1@49	DFT_QPSK	23.79	19	26	PASS
n38	30	20	522000	25@12	DFT_BPSK	23.91	19	26	PASS
n38	30	20	522000	1@1	DFT_BPSK	23.73	19	26	PASS
n38	30	20	522000	1@49	DFT_BPSK	23.94	19	26	PASS
n38	30	20	522000	25@12	DFT_QPSK	23.91	19	26	PASS
n38	30	20	522000	1@1	DFT_QPSK	23.68	19	26	PASS
n38	30	20	522000	1@49	DFT_QPSK	23.86	19	26	PASS
n77	30	10	620334	12@6	DFT_BPSK	23.78	19	26	PASS
n77	30	10	620334	1@1	DFT_BPSK	23.65	19	26	PASS
n77	30	10	620334	1@22	DFT_BPSK	23.70	19	26	PASS
n77	30	10	620334	12@6	DFT_QPSK	23.83	19	26	PASS
n77	30	10	620334	1@1	DFT_QPSK	23.66	19	26	PASS
n77	30	10	620334	1@22	DFT_QPSK	23.69	19	26	PASS
n77	30	10	650000	12@6	DFT_BPSK	24.21	19	26	PASS
n77	30	10	650000	1@1	DFT_BPSK	24.04	19	26	PASS
n77	30	10	650000	1@22	DFT_BPSK	24.16	19	26	PASS
n77	30	10	650000	12@6	DFT_QPSK	24.21	19	26	PASS
n77	30	10	650000	1@1	DFT_QPSK	24.03	19	26	PASS
n77	30	10	650000	1@22	DFT_QPSK	24.18	19	26	PASS
n77	30	10	679666	12@6	DFT_BPSK	24.58	19	26	PASS
n77	30	10	679666	1@1	DFT_BPSK	24.54	19	26	PASS
n77	30	10	679666	1@22	DFT_BPSK	24.54	19	26	PASS
n77	30	10	679666	12@6	DFT_QPSK	24.60	19	26	PASS
n77	30	10	679666	1@1	DFT_QPSK	24.50	19	26	PASS
n77	30	10	679666	1@22	DFT_QPSK	24.55	19	26	PASS
n77	30	50	621668	64@32	DFT_BPSK	23.77	19	26	PASS
n77	30	50	621668	1@1	DFT_BPSK	23.35	19	26	PASS
n77	30	50	621668	1@131	DFT_BPSK	23.57	19	26	PASS
n77	30	50	621668	64@32	DFT_QPSK	23.79	19	26	PASS
n77	30	50	621668	1@1	DFT_QPSK	23.32	19	26	PASS
n77	30	50	621668	1@131	DFT_QPSK	23.50	19	26	PASS
n77	30	50	650000	64@32	DFT_BPSK	24.20	19	26	PASS
n77	30	50	650000	1@1	DFT_BPSK	23.71	19	26	PASS
n77	30	50	650000	1@131	DFT_BPSK	23.95	19	26	PASS
n77	30	50	650000	64@32	DFT_QPSK	24.21	19	26	PASS
n77	30	50	650000	1@1	DFT_QPSK	23.68	19	26	PASS
n77	30	50	650000	1@131	DFT_QPSK	23.93	19	26	PASS
n77	30	50	678332	64@32	DFT_BPSK	24.36	19	26	PASS
n77	30	50	678332	1@1	DFT_BPSK	23.92	19	26	PASS
n77	30	50	678332	1@131	DFT_BPSK	24.15	19	26	PASS
n77	30	50	678332	64@32	DFT_QPSK	24.39	19	26	PASS

n77	30	50	678332	1@1	DFT_QPSK	23.85	19	26	PASS
n77	30	50	678332	1@131	DFT_QPSK	24.15	19	26	PASS
n77	30	100	623334	135@67	DFT_BPSK	23.85	19	26	PASS
n77	30	100	623334	1@1	DFT_BPSK	22.60	19	26	PASS
n77	30	100	623334	1@271	DFT_BPSK	22.71	19	26	PASS
n77	30	100	623334	135@67	DFT_QPSK	23.87	19	26	PASS
n77	30	100	623334	1@1	DFT_QPSK	22.57	19	26	PASS
n77	30	100	623334	1@271	DFT_QPSK	22.71	19	26	PASS
n77	30	100	650000	135@67	DFT_BPSK	24.09	19	26	PASS
n77	30	100	650000	1@1	DFT_BPSK	22.65	19	26	PASS
n77	30	100	650000	1@271	DFT_BPSK	23.58	19	26	PASS
n77	30	100	650000	135@67	DFT_QPSK	24.10	19	26	PASS
n77	30	100	650000	1@1	DFT_QPSK	22.62	19	26	PASS
n77	30	100	650000	1@271	DFT_QPSK	23.54	19	26	PASS
n77	30	100	676666	135@67	DFT_BPSK	24.24	19	26	PASS
n77	30	100	676666	1@1	DFT_BPSK	23.42	19	26	PASS
n77	30	100	676666	1@271	DFT_BPSK	23.49	19	26	PASS
n77	30	100	676666	135@67	DFT_QPSK	24.23	19	26	PASS
n77	30	100	676666	1@1	DFT_QPSK	23.41	19	26	PASS
n77	30	100	676666	1@271	DFT_QPSK	23.45	19	26	PASS
n78	30	10	647000	12@6	DFT_BPSK	23.96	19	26	PASS
n78	30	10	647000	1@1	DFT_BPSK	23.86	19	26	PASS
n78	30	10	647000	1@22	DFT_BPSK	23.96	19	26	PASS
n78	30	10	647000	12@6	DFT_QPSK	24.01	19	26	PASS
n78	30	10	647000	1@1	DFT_QPSK	23.86	19	26	PASS
n78	30	10	647000	1@22	DFT_QPSK	23.96	19	26	PASS
n78	30	10	650000	12@6	DFT_BPSK	24.46	19	26	PASS
n78	30	10	650000	1@1	DFT_BPSK	24.31	19	26	PASS
n78	30	10	650000	1@22	DFT_BPSK	24.42	19	26	PASS
n78	30	10	650000	12@6	DFT_QPSK	24.50	19	26	PASS
n78	30	10	650000	1@1	DFT_QPSK	24.29	19	26	PASS
n78	30	10	650000	1@22	DFT_QPSK	24.43	19	26	PASS
n78	30	10	653000	12@6	DFT_BPSK	24.77	19	26	PASS
n78	30	10	653000	1@1	DFT_BPSK	24.65	19	26	PASS
n78	30	10	653000	1@22	DFT_BPSK	24.75	19	26	PASS
n78	30	10	653000	12@6	DFT_QPSK	24.79	19	26	PASS
n78	30	10	653000	1@1	DFT_QPSK	24.67	19	26	PASS
n78	30	10	653000	1@22	DFT_QPSK	24.75	19	26	PASS
n78	30	50	648333	64@32	DFT_BPSK	24.10	19	26	PASS
n78	30	50	648333	1@1	DFT_BPSK	23.57	19	26	PASS
n78	30	50	648333	1@131	DFT_BPSK	24.06	19	26	PASS
n78	30	50	648333	64@32	DFT_QPSK	24.12	19	26	PASS
n78	30	50	648333	1@1	DFT_QPSK	23.55	19	26	PASS
n78	30	50	648333	1@131	DFT_QPSK	24.05	19	26	PASS

n78	30	50	650000	64@32	DFT_BPSK	24.44	19	26	PASS
n78	30	50	650000	1@1	DFT_BPSK	23.92	19	26	PASS
n78	30	50	650000	1@131	DFT_BPSK	24.38	19	26	PASS
n78	30	50	650000	64@32	DFT_QPSK	24.48	19	26	PASS
n78	30	50	650000	1@1	DFT_QPSK	23.91	19	26	PASS
n78	30	50	650000	1@131	DFT_QPSK	24.34	19	26	PASS
n78	30	50	651667	64@32	DFT_BPSK	24.66	19	26	PASS
n78	30	50	651667	1@1	DFT_BPSK	24.18	19	26	PASS
n78	30	50	651667	1@131	DFT_BPSK	24.70	19	26	PASS
n78	30	50	651667	64@32	DFT_QPSK	24.68	19	26	PASS
n78	30	50	651667	1@1	DFT_QPSK	24.16	19	26	PASS
n78	30	50	651667	1@131	DFT_QPSK	24.67	19	26	PASS
n78	30	100	650000	135@67	DFT_BPSK	21.40	19	26	PASS
n78	30	100	650000	1@1	DFT_BPSK	22.92	19	26	PASS
n78	30	100	650000	1@271	DFT_BPSK	24.07	19	26	PASS
n78	30	100	650000	135@67	DFT_QPSK	24.41	19	26	PASS
n78	30	100	650000	1@1	DFT_QPSK	22.90	19	26	PASS
n78	30	100	650000	1@271	DFT_QPSK	24.03	19	26	PASS
n8	30	10	177000	12@6	DFT_BPSK	23.91	19	26	PASS
n8	30	10	177000	1@1	DFT_BPSK	23.83	19	26	PASS
n8	30	10	177000	1@22	DFT_BPSK	23.83	19	26	PASS
n8	30	10	177000	12@6	DFT_QPSK	23.96	19	26	PASS
n8	30	10	177000	1@1	DFT_QPSK	24.09	19	26	PASS
n8	30	10	177000	1@22	DFT_QPSK	24.06	19	26	PASS
n8	30	10	179500	12@6	DFT_BPSK	23.58	19	26	PASS
n8	30	10	179500	1@1	DFT_BPSK	23.56	19	26	PASS
n8	30	10	179500	1@22	DFT_BPSK	23.43	19	26	PASS
n8	30	10	179500	12@6	DFT_QPSK	23.52	19	26	PASS
n8	30	10	179500	1@1	DFT_QPSK	23.74	19	26	PASS
n8	30	10	179500	1@22	DFT_QPSK	21.59	19	26	PASS
n8	30	10	182000	12@6	DFT_BPSK	23.82	19	26	PASS
n8	30	10	182000	1@1	DFT_BPSK	23.57	19	26	PASS
n8	30	10	182000	1@22	DFT_BPSK	23.73	19	26	PASS
n8	30	10	182000	12@6	DFT_QPSK	23.81	19	26	PASS
n8	30	10	182000	1@1	DFT_QPSK	24.22	19	26	PASS
n8	30	10	182000	1@22	DFT_QPSK	24.58	19	26	PASS
n8	30	15	177500	18@9	DFT_BPSK	23.75	19	26	PASS
n8	30	15	177500	1@1	DFT_BPSK	23.67	19	26	PASS
n8	30	15	177500	1@36	DFT_BPSK	23.63	19	26	PASS
n8	30	15	177500	18@9	DFT_QPSK	23.83	19	26	PASS
n8	30	15	177500	1@1	DFT_QPSK	24.01	19	26	PASS
n8	30	15	177500	1@36	DFT_QPSK	23.78	19	26	PASS
n8	30	15	179500	18@9	DFT_BPSK	23.49	19	26	PASS
n8	30	15	179500	1@1	DFT_BPSK	23.63	19	26	PASS

n8	30	15	179500	1@36	DFT_BPSK	23.48	19	26	PASS
n8	30	15	179500	18@9	DFT_QPSK	23.59	19	26	PASS
n8	30	15	179500	1@1	DFT_QPSK	23.82	19	26	PASS
n8	30	15	179500	1@36	DFT_QPSK	23.77	19	26	PASS
n8	30	15	181500	18@9	DFT_BPSK	23.68	19	26	PASS
n8	30	15	181500	1@1	DFT_BPSK	23.38	19	26	PASS
n8	30	15	181500	1@36	DFT_BPSK	23.68	19	26	PASS
n8	30	15	181500	18@9	DFT_QPSK	20.70	19	26	PASS
n8	30	15	181500	1@1	DFT_QPSK	24.38	19	26	PASS
n8	30	15	181500	1@36	DFT_QPSK	24.73	19	26	PASS
n8	30	20	178000	25@12	DFT_BPSK	23.77	19	26	PASS
n8	30	20	178000	1@1	DFT_BPSK	23.70	19	26	PASS
n8	30	20	178000	1@49	DFT_BPSK	23.40	19	26	PASS
n8	30	20	178000	25@12	DFT_QPSK	22.27	19	26	PASS
n8	30	20	178000	1@1	DFT_QPSK	24.59	19	26	PASS
n8	30	20	178000	1@49	DFT_QPSK	24.28	19	26	PASS
n8	30	20	179500	25@12	DFT_BPSK	23.59	19	26	PASS
n8	30	20	179500	1@1	DFT_BPSK	23.67	19	26	PASS
n8	30	20	179500	1@49	DFT_BPSK	23.53	19	26	PASS
n8	30	20	179500	25@12	DFT_QPSK	23.68	19	26	PASS
n8	30	20	179500	1@1	DFT_QPSK	24.18	19	26	PASS
n8	30	20	179500	1@49	DFT_QPSK	24.26	19	26	PASS
n8	30	20	181000	25@12	DFT_BPSK	23.64	19	26	PASS
n8	30	20	181000	1@1	DFT_BPSK	23.45	19	26	PASS
n8	30	20	181000	1@49	DFT_BPSK	23.65	19	26	PASS
n8	30	20	181000	25@12	DFT_QPSK	19.68	19	26	PASS
n8	30	20	181000	1@1	DFT_QPSK	24.15	19	26	PASS
n8	30	20	181000	1@49	DFT_QPSK	24.51	19	26	PASS

Clause 4.2.3 Transmitter spectrum emission mask for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Offset (MHz)	SEM Margin (dB)	Verdict
n1	30	10	385000	1@0	DFT_BPSK	-0.05	15.04	PASS
n1	30	10	385000	1@0	DFT_BPSK	-1.50	29.45	PASS
n1	30	10	385000	1@0	DFT_BPSK	-5.50	29.98	PASS
n1	30	10	385000	1@0	DFT_BPSK	-10.50	18.47	PASS
n1	30	10	385000	1@0	DFT_BPSK	0.05	35.39	PASS
n1	30	10	385000	1@0	DFT_BPSK	1.50	31.22	PASS
n1	30	10	385000	1@0	DFT_BPSK	5.50	29.63	PASS
n1	30	10	385000	1@0	DFT_BPSK	10.50	21.21	PASS
n1	30	10	385000	24@0	DFT_BPSK	-0.05	23.67	PASS
n1	30	10	385000	24@0	DFT_BPSK	-3.50	23.26	PASS
n1	30	10	385000	24@0	DFT_BPSK	-5.50	23.77	PASS
n1	30	10	385000	24@0	DFT_BPSK	-10.50	18.23	PASS
n1	30	10	385000	24@0	DFT_BPSK	0.05	24.58	PASS

n1	30	10	385000	24@0	DFT_BPSK	3.50	22.73	PASS
n1	30	10	385000	24@0	DFT_BPSK	5.50	22.99	PASS
n1	30	10	385000	24@0	DFT_BPSK	10.50	16.68	PASS
n1	30	10	385000	1@0	DFT_QPSK	-0.05	14.90	PASS
n1	30	10	385000	1@0	DFT_QPSK	-1.50	29.45	PASS
n1	30	10	385000	1@0	DFT_QPSK	-7.50	29.96	PASS
n1	30	10	385000	1@0	DFT_QPSK	-11.50	18.83	PASS
n1	30	10	385000	1@0	DFT_QPSK	0.05	35.57	PASS
n1	30	10	385000	1@0	DFT_QPSK	1.50	31.38	PASS
n1	30	10	385000	1@0	DFT_QPSK	5.50	29.98	PASS
n1	30	10	385000	1@0	DFT_QPSK	10.50	21.32	PASS
n1	30	10	385000	24@0	DFT_QPSK	-0.05	24.09	PASS
n1	30	10	385000	24@0	DFT_QPSK	-1.50	20.94	PASS
n1	30	10	385000	24@0	DFT_QPSK	-5.50	21.48	PASS
n1	30	10	385000	24@0	DFT_QPSK	-10.50	17.15	PASS
n1	30	10	385000	24@0	DFT_QPSK	0.05	23.85	PASS
n1	30	10	385000	24@0	DFT_QPSK	1.50	20.86	PASS
n1	30	10	385000	24@0	DFT_QPSK	5.50	20.28	PASS
n1	30	10	385000	24@0	DFT_QPSK	10.50	14.76	PASS
n1	30	10	385000	1@0	DFT_QAM16	-0.05	15.55	PASS
n1	30	10	385000	1@0	DFT_QAM16	-1.50	30.08	PASS
n1	30	10	385000	1@0	DFT_QAM16	-5.50	30.46	PASS
n1	30	10	385000	1@0	DFT_QAM16	-11.50	19.34	PASS
n1	30	10	385000	1@0	DFT_QAM16	0.05	35.99	PASS
n1	30	10	385000	1@0	DFT_QAM16	1.50	31.79	PASS
n1	30	10	385000	1@0	DFT_QAM16	7.50	30.09	PASS
n1	30	10	385000	1@0	DFT_QAM16	10.50	21.57	PASS
n1	30	10	385000	24@0	DFT_QAM16	-0.05	24.49	PASS
n1	30	10	385000	24@0	DFT_QAM16	-1.50	21.70	PASS
n1	30	10	385000	24@0	DFT_QAM16	-5.50	23.13	PASS
n1	30	10	385000	24@0	DFT_QAM16	-10.50	17.37	PASS
n1	30	10	385000	24@0	DFT_QAM16	0.05	24.59	PASS
n1	30	10	385000	24@0	DFT_QAM16	1.50	21.86	PASS
n1	30	10	385000	24@0	DFT_QAM16	5.50	22.04	PASS
n1	30	10	385000	24@0	DFT_QAM16	10.50	15.21	PASS
n1	30	10	385000	1@0	DFT_QAM64	-0.05	16.20	PASS
n1	30	10	385000	1@0	DFT_QAM64	-1.50	30.43	PASS
n1	30	10	385000	1@0	DFT_QAM64	-5.50	30.67	PASS
n1	30	10	385000	1@0	DFT_QAM64	-11.50	19.57	PASS
n1	30	10	385000	1@0	DFT_QAM64	0.05	35.83	PASS
n1	30	10	385000	1@0	DFT_QAM64	1.50	31.96	PASS
n1	30	10	385000	1@0	DFT_QAM64	7.50	30.31	PASS
n1	30	10	385000	1@0	DFT_QAM64	10.50	21.53	PASS
n1	30	10	385000	24@0	DFT_QAM64	-0.05	25.51	PASS

n1	30	10	385000	24@0	DFT_QAM64	-1.50	22.07	PASS
n1	30	10	385000	24@0	DFT_QAM64	-5.50	23.65	PASS
n1	30	10	385000	24@0	DFT_QAM64	-10.50	17.45	PASS
n1	30	10	385000	24@0	DFT_QAM64	0.05	24.33	PASS
n1	30	10	385000	24@0	DFT_QAM64	1.50	21.93	PASS
n1	30	10	385000	24@0	DFT_QAM64	5.50	22.19	PASS
n1	30	10	385000	24@0	DFT_QAM64	10.50	15.32	PASS
n1	30	10	385000	1@0	DFT_QAM256	-0.05	16.16	PASS
n1	30	10	385000	1@0	DFT_QAM256	-1.50	30.48	PASS
n1	30	10	385000	1@0	DFT_QAM256	-5.50	30.64	PASS
n1	30	10	385000	1@0	DFT_QAM256	-11.50	19.46	PASS
n1	30	10	385000	1@0	DFT_QAM256	0.05	36.29	PASS
n1	30	10	385000	1@0	DFT_QAM256	1.50	31.92	PASS
n1	30	10	385000	1@0	DFT_QAM256	7.50	30.47	PASS
n1	30	10	385000	1@0	DFT_QAM256	10.50	21.64	PASS
n1	30	10	385000	24@0	DFT_QAM256	-0.05	25.85	PASS
n1	30	10	385000	24@0	DFT_QAM256	-1.50	22.61	PASS
n1	30	10	385000	24@0	DFT_QAM256	-5.50	24.02	PASS
n1	30	10	385000	24@0	DFT_QAM256	-10.50	17.51	PASS
n1	30	10	385000	24@0	DFT_QAM256	0.05	24.55	PASS
n1	30	10	385000	24@0	DFT_QAM256	1.50	22.36	PASS
n1	30	10	385000	24@0	DFT_QAM256	5.50	22.56	PASS
n1	30	10	385000	24@0	DFT_QAM256	10.50	15.44	PASS
n1	30	10	385000	1@0	CP_QPSK	-0.05	23.91	PASS
n1	30	10	385000	1@0	CP_QPSK	-1.50	19.06	PASS
n1	30	10	385000	1@0	CP_QPSK	-5.50	22.41	PASS
n1	30	10	385000	1@0	CP_QPSK	-10.50	17.56	PASS
n1	30	10	385000	1@0	CP_QPSK	0.15	24.19	PASS
n1	30	10	385000	1@0	CP_QPSK	1.50	19.38	PASS
n1	30	10	385000	1@0	CP_QPSK	5.50	21.10	PASS
n1	30	10	385000	1@0	CP_QPSK	10.50	15.03	PASS
n1	30	10	385000	24@0	CP_QPSK	-0.05	23.81	PASS
n1	30	10	385000	24@0	CP_QPSK	-1.50	18.82	PASS
n1	30	10	385000	24@0	CP_QPSK	-5.50	22.12	PASS
n1	30	10	385000	24@0	CP_QPSK	-10.50	17.58	PASS
n1	30	10	385000	24@0	CP_QPSK	0.15	23.93	PASS
n1	30	10	385000	24@0	CP_QPSK	1.50	19.04	PASS
n1	30	10	385000	24@0	CP_QPSK	5.50	20.84	PASS
n1	30	10	385000	24@0	CP_QPSK	10.50	15.06	PASS
n1	30	10	385000	1@0	CP_QAM16	-0.05	16.50	PASS
n1	30	10	385000	1@0	CP_QAM16	-1.50	29.78	PASS
n1	30	10	385000	1@0	CP_QAM16	-7.50	30.26	PASS
n1	30	10	385000	1@0	CP_QAM16	-11.50	19.62	PASS
n1	30	10	385000	1@0	CP_QAM16	0.05	35.84	PASS

n1	30	10	385000	1@0	CP_QAM16	1.50	31.30	PASS
n1	30	10	385000	1@0	CP_QAM16	5.50	30.02	PASS
n1	30	10	385000	1@0	CP_QAM16	10.50	21.51	PASS
n1	30	10	385000	24@0	CP_QAM16	-0.05	24.24	PASS
n1	30	10	385000	24@0	CP_QAM16	-1.50	19.62	PASS
n1	30	10	385000	24@0	CP_QAM16	-5.50	23.08	PASS
n1	30	10	385000	24@0	CP_QAM16	-10.50	17.87	PASS
n1	30	10	385000	24@0	CP_QAM16	0.05	24.30	PASS
n1	30	10	385000	24@0	CP_QAM16	1.50	20.34	PASS
n1	30	10	385000	24@0	CP_QAM16	5.50	22.01	PASS
n1	30	10	385000	24@0	CP_QAM16	10.50	15.35	PASS
n1	30	10	385000	1@0	CP_QAM64	-0.05	17.77	PASS
n1	30	10	385000	1@0	CP_QAM64	-1.50	30.48	PASS
n1	30	10	385000	1@0	CP_QAM64	-5.50	30.62	PASS
n1	30	10	385000	1@0	CP_QAM64	-11.50	19.96	PASS
n1	30	10	385000	1@0	CP_QAM64	0.05	36.29	PASS
n1	30	10	385000	1@0	CP_QAM64	1.50	31.60	PASS
n1	30	10	385000	1@0	CP_QAM64	7.50	29.86	PASS
n1	30	10	385000	1@0	CP_QAM64	10.50	21.58	PASS
n1	30	10	385000	24@0	CP_QAM64	-0.05	25.98	PASS
n1	30	10	385000	24@0	CP_QAM64	-1.50	21.55	PASS
n1	30	10	385000	24@0	CP_QAM64	-5.50	24.24	PASS
n1	30	10	385000	24@0	CP_QAM64	-10.50	18.11	PASS
n1	30	10	385000	24@0	CP_QAM64	0.05	25.68	PASS
n1	30	10	385000	24@0	CP_QAM64	1.50	21.99	PASS
n1	30	10	385000	24@0	CP_QAM64	5.50	23.07	PASS
n1	30	10	385000	24@0	CP_QAM64	10.50	15.89	PASS
n1	30	10	385000	1@0	CP_QAM256	-0.05	18.10	PASS
n1	30	10	385000	1@0	CP_QAM256	-1.50	30.40	PASS
n1	30	10	385000	1@0	CP_QAM256	-5.50	30.57	PASS
n1	30	10	385000	1@0	CP_QAM256	-11.50	19.75	PASS
n1	30	10	385000	1@0	CP_QAM256	0.05	36.35	PASS
n1	30	10	385000	1@0	CP_QAM256	1.50	31.56	PASS
n1	30	10	385000	1@0	CP_QAM256	7.50	29.77	PASS
n1	30	10	385000	1@0	CP_QAM256	10.50	21.62	PASS
n1	30	10	385000	24@0	CP_QAM256	-0.05	25.91	PASS
n1	30	10	385000	24@0	CP_QAM256	-1.50	21.58	PASS
n1	30	10	385000	24@0	CP_QAM256	-5.50	24.25	PASS
n1	30	10	385000	24@0	CP_QAM256	-10.50	18.09	PASS
n1	30	10	385000	24@0	CP_QAM256	0.05	25.44	PASS
n1	30	10	385000	24@0	CP_QAM256	1.50	21.99	PASS
n1	30	10	385000	24@0	CP_QAM256	5.50	23.08	PASS
n1	30	10	385000	24@0	CP_QAM256	10.50	15.83	PASS
n1	30	10	395000	1@23	DFT_BPSK	-0.05	36.06	PASS

n1	30	10	395000	1@23	DFT_BPSK	-1.50	31.38	PASS
n1	30	10	395000	1@23	DFT_BPSK	-5.50	30.21	PASS
n1	30	10	395000	1@23	DFT_BPSK	-10.50	21.58	PASS
n1	30	10	395000	1@23	DFT_BPSK	0.05	17.00	PASS
n1	30	10	395000	1@23	DFT_BPSK	1.50	30.54	PASS
n1	30	10	395000	1@23	DFT_BPSK	5.50	30.86	PASS
n1	30	10	395000	1@23	DFT_BPSK	11.50	20.40	PASS
n1	30	10	395000	24@0	DFT_BPSK	-0.05	25.21	PASS
n1	30	10	395000	24@0	DFT_BPSK	-1.50	21.28	PASS
n1	30	10	395000	24@0	DFT_BPSK	-5.50	23.00	PASS
n1	30	10	395000	24@0	DFT_BPSK	-10.50	16.46	PASS
n1	30	10	395000	24@0	DFT_BPSK	0.05	24.96	PASS
n1	30	10	395000	24@0	DFT_BPSK	1.50	21.79	PASS
n1	30	10	395000	24@0	DFT_BPSK	5.50	24.28	PASS
n1	30	10	395000	24@0	DFT_BPSK	10.50	17.60	PASS
n1	30	10	395000	1@23	DFT_QPSK	-0.05	35.98	PASS
n1	30	10	395000	1@23	DFT_QPSK	-1.50	31.54	PASS
n1	30	10	395000	1@23	DFT_QPSK	-7.50	30.11	PASS
n1	30	10	395000	1@23	DFT_QPSK	-10.50	21.46	PASS
n1	30	10	395000	1@23	DFT_QPSK	0.05	17.10	PASS
n1	30	10	395000	1@23	DFT_QPSK	1.50	30.80	PASS
n1	30	10	395000	1@23	DFT_QPSK	5.50	30.73	PASS
n1	30	10	395000	1@23	DFT_QPSK	11.50	20.38	PASS
n1	30	10	395000	24@0	DFT_QPSK	-0.05	24.89	PASS
n1	30	10	395000	24@0	DFT_QPSK	-1.50	20.90	PASS
n1	30	10	395000	24@0	DFT_QPSK	-5.50	22.94	PASS
n1	30	10	395000	24@0	DFT_QPSK	-10.50	16.48	PASS
n1	30	10	395000	24@0	DFT_QPSK	0.05	24.76	PASS
n1	30	10	395000	24@0	DFT_QPSK	1.50	21.54	PASS
n1	30	10	395000	24@0	DFT_QPSK	5.50	24.21	PASS
n1	30	10	395000	24@0	DFT_QPSK	10.50	17.39	PASS
n1	30	10	395000	1@23	DFT_QAM16	-0.05	35.90	PASS
n1	30	10	395000	1@23	DFT_QAM16	-1.50	31.48	PASS
n1	30	10	395000	1@23	DFT_QAM16	-7.50	30.15	PASS
n1	30	10	395000	1@23	DFT_QAM16	-10.50	21.50	PASS
n1	30	10	395000	1@23	DFT_QAM16	0.05	17.00	PASS
n1	30	10	395000	1@23	DFT_QAM16	1.50	30.70	PASS
n1	30	10	395000	1@23	DFT_QAM16	5.50	30.84	PASS
n1	30	10	395000	1@23	DFT_QAM16	10.50	20.42	PASS
n1	30	10	395000	24@0	DFT_QAM16	-0.15	24.60	PASS
n1	30	10	395000	24@0	DFT_QAM16	-1.50	20.48	PASS
n1	30	10	395000	24@0	DFT_QAM16	-5.50	22.70	PASS
n1	30	10	395000	24@0	DFT_QAM16	-10.50	16.28	PASS
n1	30	10	395000	24@0	DFT_QAM16	0.05	24.44	PASS

n1	30	10	395000	24@0	DFT_QAM16	1.50	21.25	PASS
n1	30	10	395000	24@0	DFT_QAM16	5.50	24.06	PASS
n1	30	10	395000	24@0	DFT_QAM16	10.50	17.39	PASS
n1	30	10	395000	1@23	DFT_QAM64	-0.15	36.04	PASS
n1	30	10	395000	1@23	DFT_QAM64	-1.50	31.47	PASS
n1	30	10	395000	1@23	DFT_QAM64	-7.50	30.17	PASS
n1	30	10	395000	1@23	DFT_QAM64	-10.50	21.47	PASS
n1	30	10	395000	1@23	DFT_QAM64	0.05	17.60	PASS
n1	30	10	395000	1@23	DFT_QAM64	1.50	30.65	PASS
n1	30	10	395000	1@23	DFT_QAM64	7.50	30.89	PASS
n1	30	10	395000	1@23	DFT_QAM64	10.50	20.30	PASS
n1	30	10	395000	24@0	DFT_QAM64	-0.05	25.26	PASS
n1	30	10	395000	24@0	DFT_QAM64	-1.50	22.54	PASS
n1	30	10	395000	24@0	DFT_QAM64	-5.50	23.15	PASS
n1	30	10	395000	24@0	DFT_QAM64	-10.50	15.81	PASS
n1	30	10	395000	24@0	DFT_QAM64	0.05	25.35	PASS
n1	30	10	395000	24@0	DFT_QAM64	1.50	22.66	PASS
n1	30	10	395000	24@0	DFT_QAM64	5.50	23.85	PASS
n1	30	10	395000	24@0	DFT_QAM64	10.50	17.35	PASS
n1	30	10	395000	1@23	DFT_QAM256	-0.05	35.96	PASS
n1	30	10	395000	1@23	DFT_QAM256	-1.50	31.92	PASS
n1	30	10	395000	1@23	DFT_QAM256	-6.50	30.65	PASS
n1	30	10	395000	1@23	DFT_QAM256	-10.50	21.49	PASS
n1	30	10	395000	1@23	DFT_QAM256	0.05	19.39	PASS
n1	30	10	395000	1@23	DFT_QAM256	1.50	30.97	PASS
n1	30	10	395000	1@23	DFT_QAM256	5.50	31.09	PASS
n1	30	10	395000	1@23	DFT_QAM256	11.50	20.04	PASS
n1	30	10	395000	24@0	DFT_QAM256	-0.05	24.88	PASS
n1	30	10	395000	24@0	DFT_QAM256	-1.50	22.34	PASS
n1	30	10	395000	24@0	DFT_QAM256	-5.50	23.07	PASS
n1	30	10	395000	24@0	DFT_QAM256	-10.50	15.82	PASS
n1	30	10	395000	24@0	DFT_QAM256	0.05	25.21	PASS
n1	30	10	395000	24@0	DFT_QAM256	1.50	22.53	PASS
n1	30	10	395000	24@0	DFT_QAM256	5.50	23.81	PASS
n1	30	10	395000	24@0	DFT_QAM256	10.50	17.31	PASS
n1	30	10	395000	1@23	CP_QPSK	-0.15	35.80	PASS
n1	30	10	395000	1@23	CP_QPSK	-1.50	31.94	PASS
n1	30	10	395000	1@23	CP_QPSK	-5.50	30.42	PASS
n1	30	10	395000	1@23	CP_QPSK	-10.50	21.46	PASS
n1	30	10	395000	1@23	CP_QPSK	0.05	19.49	PASS
n1	30	10	395000	1@23	CP_QPSK	1.50	30.99	PASS
n1	30	10	395000	1@23	CP_QPSK	5.50	31.21	PASS
n1	30	10	395000	1@23	CP_QPSK	10.50	20.15	PASS
n1	30	10	395000	24@0	CP_QPSK	-0.05	22.45	PASS

n1	30	10	395000	24@0	CP_QPSK	-1.50	17.62	PASS
n1	30	10	395000	24@0	CP_QPSK	-5.50	20.58	PASS
n1	30	10	395000	24@0	CP_QPSK	-10.50	15.90	PASS
n1	30	10	395000	24@0	CP_QPSK	0.05	22.75	PASS
n1	30	10	395000	24@0	CP_QPSK	1.50	18.25	PASS
n1	30	10	395000	24@0	CP_QPSK	5.50	21.55	PASS
n1	30	10	395000	24@0	CP_QPSK	10.50	16.82	PASS
n1	30	10	395000	1@23	CP_QAM16	-0.05	35.51	PASS
n1	30	10	395000	1@23	CP_QAM16	-1.50	31.17	PASS
n1	30	10	395000	1@23	CP_QAM16	-7.50	29.55	PASS
n1	30	10	395000	1@23	CP_QAM16	-10.50	21.54	PASS
n1	30	10	395000	1@23	CP_QAM16	0.05	16.57	PASS
n1	30	10	395000	1@23	CP_QAM16	1.50	30.28	PASS
n1	30	10	395000	1@23	CP_QAM16	7.50	28.65	PASS
n1	30	10	395000	1@23	CP_QAM16	11.50	20.16	PASS
n1	30	10	395000	24@0	CP_QAM16	-0.05	22.79	PASS
n1	30	10	395000	24@0	CP_QAM16	-1.50	18.32	PASS
n1	30	10	395000	24@0	CP_QAM16	-5.50	21.83	PASS
n1	30	10	395000	24@0	CP_QAM16	-10.50	15.91	PASS
n1	30	10	395000	24@0	CP_QAM16	0.05	23.44	PASS
n1	30	10	395000	24@0	CP_QAM16	1.50	19.53	PASS
n1	30	10	395000	24@0	CP_QAM16	5.50	23.04	PASS
n1	30	10	395000	24@0	CP_QAM16	10.50	16.79	PASS
n1	30	10	395000	1@23	CP_QAM64	-0.15	35.67	PASS
n1	30	10	395000	1@23	CP_QAM64	-1.50	31.52	PASS
n1	30	10	395000	1@23	CP_QAM64	-5.50	30.36	PASS
n1	30	10	395000	1@23	CP_QAM64	-10.50	21.31	PASS
n1	30	10	395000	1@23	CP_QAM64	0.05	17.57	PASS
n1	30	10	395000	1@23	CP_QAM64	1.50	30.81	PASS
n1	30	10	395000	1@23	CP_QAM64	7.50	31.01	PASS
n1	30	10	395000	1@23	CP_QAM64	11.50	20.48	PASS
n1	30	10	395000	24@0	CP_QAM64	-0.05	25.20	PASS
n1	30	10	395000	24@0	CP_QAM64	-1.50	21.06	PASS
n1	30	10	395000	24@0	CP_QAM64	-5.50	23.09	PASS
n1	30	10	395000	24@0	CP_QAM64	-10.50	16.54	PASS
n1	30	10	395000	24@0	CP_QAM64	0.05	24.87	PASS
n1	30	10	395000	24@0	CP_QAM64	1.50	21.74	PASS
n1	30	10	395000	24@0	CP_QAM64	5.50	24.47	PASS
n1	30	10	395000	24@0	CP_QAM64	10.50	17.46	PASS
n1	30	10	395000	1@23	CP_QAM256	-0.05	35.69	PASS
n1	30	10	395000	1@23	CP_QAM256	-1.50	31.42	PASS
n1	30	10	395000	1@23	CP_QAM256	-5.50	30.37	PASS
n1	30	10	395000	1@23	CP_QAM256	-10.50	21.57	PASS
n1	30	10	395000	1@23	CP_QAM256	0.05	17.04	PASS

n1	30	10	395000	1@23	CP_QAM256	1.50	30.54	PASS
n1	30	10	395000	1@23	CP_QAM256	5.50	30.81	PASS
n1	30	10	395000	1@23	CP_QAM256	11.50	20.38	PASS
n1	30	10	395000	24@0	CP_QAM256	-0.05	24.85	PASS
n1	30	10	395000	24@0	CP_QAM256	-1.50	20.66	PASS
n1	30	10	395000	24@0	CP_QAM256	-5.50	22.79	PASS
n1	30	10	395000	24@0	CP_QAM256	-10.50	16.48	PASS
n1	30	10	395000	24@0	CP_QAM256	0.05	24.59	PASS
n1	30	10	395000	24@0	CP_QAM256	1.50	21.38	PASS
n1	30	10	395000	24@0	CP_QAM256	5.50	24.14	PASS
n1	30	10	395000	24@0	CP_QAM256	10.50	17.50	PASS
n1	30	20	386000	1@0	DFT_BPSK	-0.10	15.41	PASS
n1	30	20	386000	1@0	DFT_BPSK	-1.50	31.26	PASS
n1	30	20	386000	1@0	DFT_BPSK	-5.50	30.75	PASS
n1	30	20	386000	1@0	DFT_BPSK	-20.50	21.54	PASS
n1	30	20	386000	1@0	DFT_BPSK	0.10	36.80	PASS
n1	30	20	386000	1@0	DFT_BPSK	1.50	33.43	PASS
n1	30	20	386000	1@0	DFT_BPSK	5.50	31.45	PASS
n1	30	20	386000	1@0	DFT_BPSK	20.50	23.21	PASS
n1	30	20	386000	50@0	DFT_BPSK	-0.10	25.83	PASS
n1	30	20	386000	50@0	DFT_BPSK	-1.50	25.12	PASS
n1	30	20	386000	50@0	DFT_BPSK	-5.50	24.71	PASS
n1	30	20	386000	50@0	DFT_BPSK	-20.50	21.90	PASS
n1	30	20	386000	50@0	DFT_BPSK	0.30	27.44	PASS
n1	30	20	386000	50@0	DFT_BPSK	1.50	24.64	PASS
n1	30	20	386000	50@0	DFT_BPSK	5.50	23.02	PASS
n1	30	20	386000	50@0	DFT_BPSK	20.50	18.58	PASS
n1	30	20	386000	1@0	DFT_QPSK	-0.10	15.65	PASS
n1	30	20	386000	1@0	DFT_QPSK	-1.50	31.33	PASS
n1	30	20	386000	1@0	DFT_QPSK	-5.50	30.97	PASS
n1	30	20	386000	1@0	DFT_QPSK	-20.50	21.71	PASS
n1	30	20	386000	1@0	DFT_QPSK	0.30	36.73	PASS
n1	30	20	386000	1@0	DFT_QPSK	1.50	33.66	PASS
n1	30	20	386000	1@0	DFT_QPSK	5.50	31.57	PASS
n1	30	20	386000	1@0	DFT_QPSK	20.50	23.26	PASS
n1	30	20	386000	50@0	DFT_QPSK	-0.10	26.06	PASS
n1	30	20	386000	50@0	DFT_QPSK	-1.50	24.84	PASS
n1	30	20	386000	50@0	DFT_QPSK	-5.50	24.36	PASS
n1	30	20	386000	50@0	DFT_QPSK	-20.50	22.11	PASS
n1	30	20	386000	50@0	DFT_QPSK	0.10	27.56	PASS
n1	30	20	386000	50@0	DFT_QPSK	1.50	24.79	PASS
n1	30	20	386000	50@0	DFT_QPSK	5.50	23.24	PASS
n1	30	20	386000	50@0	DFT_QPSK	20.50	18.67	PASS
n1	30	20	386000	1@0	DFT_QAM16	-0.10	15.84	PASS

n1	30	20	386000	1@0	DFT_QAM16	-1.50	31.34	PASS
n1	30	20	386000	1@0	DFT_QAM16	-5.50	30.97	PASS
n1	30	20	386000	1@0	DFT_QAM16	-20.50	21.64	PASS
n1	30	20	386000	1@0	DFT_QAM16	0.10	36.47	PASS
n1	30	20	386000	1@0	DFT_QAM16	1.50	33.76	PASS
n1	30	20	386000	1@0	DFT_QAM16	5.50	31.58	PASS
n1	30	20	386000	1@0	DFT_QAM16	20.50	23.34	PASS
n1	30	20	386000	50@0	DFT_QAM16	-0.10	26.35	PASS
n1	30	20	386000	50@0	DFT_QAM16	-1.50	25.01	PASS
n1	30	20	386000	50@0	DFT_QAM16	-5.50	24.58	PASS
n1	30	20	386000	50@0	DFT_QAM16	-20.50	21.99	PASS
n1	30	20	386000	50@0	DFT_QAM16	0.10	27.68	PASS
n1	30	20	386000	50@0	DFT_QAM16	1.50	24.94	PASS
n1	30	20	386000	50@0	DFT_QAM16	5.50	23.34	PASS
n1	30	20	386000	50@0	DFT_QAM16	20.50	18.83	PASS
n1	30	20	386000	1@0	DFT_QAM64	-0.10	15.64	PASS
n1	30	20	386000	1@0	DFT_QAM64	-1.50	31.34	PASS
n1	30	20	386000	1@0	DFT_QAM64	-5.50	30.89	PASS
n1	30	20	386000	1@0	DFT_QAM64	-20.50	21.91	PASS
n1	30	20	386000	1@0	DFT_QAM64	0.30	36.66	PASS
n1	30	20	386000	1@0	DFT_QAM64	1.50	33.64	PASS
n1	30	20	386000	1@0	DFT_QAM64	5.50	31.46	PASS
n1	30	20	386000	1@0	DFT_QAM64	20.50	23.31	PASS
n1	30	20	386000	50@0	DFT_QAM64	-0.10	26.33	PASS
n1	30	20	386000	50@0	DFT_QAM64	-1.50	25.16	PASS
n1	30	20	386000	50@0	DFT_QAM64	-5.50	24.73	PASS
n1	30	20	386000	50@0	DFT_QAM64	-20.50	22.12	PASS
n1	30	20	386000	50@0	DFT_QAM64	0.10	27.54	PASS
n1	30	20	386000	50@0	DFT_QAM64	1.50	24.92	PASS
n1	30	20	386000	50@0	DFT_QAM64	5.50	23.18	PASS
n1	30	20	386000	50@0	DFT_QAM64	20.50	18.78	PASS
n1	30	20	386000	1@0	DFT_QAM256	-0.10	25.66	PASS
n1	30	20	386000	1@0	DFT_QAM256	-1.50	25.27	PASS
n1	30	20	386000	1@0	DFT_QAM256	-5.50	24.42	PASS
n1	30	20	386000	1@0	DFT_QAM256	-20.50	22.09	PASS
n1	30	20	386000	1@0	DFT_QAM256	0.10	26.92	PASS
n1	30	20	386000	1@0	DFT_QAM256	1.50	24.98	PASS
n1	30	20	386000	1@0	DFT_QAM256	5.50	22.75	PASS
n1	30	20	386000	1@0	DFT_QAM256	21.50	18.64	PASS
n1	30	20	386000	50@0	DFT_QAM256	-0.10	25.51	PASS
n1	30	20	386000	50@0	DFT_QAM256	-1.50	25.56	PASS
n1	30	20	386000	50@0	DFT_QAM256	-5.50	24.60	PASS
n1	30	20	386000	50@0	DFT_QAM256	-20.50	22.07	PASS
n1	30	20	386000	50@0	DFT_QAM256	0.10	27.12	PASS

n1	30	20	386000	50@0	DFT_QAM256	1.50	25.08	PASS
n1	30	20	386000	50@0	DFT_QAM256	5.50	22.89	PASS
n1	30	20	386000	50@0	DFT_QAM256	21.50	18.64	PASS
n1	30	20	386000	1@0	CP_QPSK	-0.10	24.11	PASS
n1	30	20	386000	1@0	CP_QPSK	-1.50	22.56	PASS
n1	30	20	386000	1@0	CP_QPSK	-5.50	22.26	PASS
n1	30	20	386000	1@0	CP_QPSK	-20.50	21.81	PASS
n1	30	20	386000	1@0	CP_QPSK	0.10	23.89	PASS
n1	30	20	386000	1@0	CP_QPSK	1.50	22.45	PASS
n1	30	20	386000	1@0	CP_QPSK	5.50	21.34	PASS
n1	30	20	386000	1@0	CP_QPSK	20.50	17.74	PASS
n1	30	20	386000	51@0	CP_QPSK	-0.10	23.98	PASS
n1	30	20	386000	51@0	CP_QPSK	-1.50	22.22	PASS
n1	30	20	386000	51@0	CP_QPSK	-5.50	22.08	PASS
n1	30	20	386000	51@0	CP_QPSK	-20.50	21.89	PASS
n1	30	20	386000	51@0	CP_QPSK	0.10	23.74	PASS
n1	30	20	386000	51@0	CP_QPSK	1.50	22.25	PASS
n1	30	20	386000	51@0	CP_QPSK	5.50	21.15	PASS
n1	30	20	386000	51@0	CP_QPSK	20.50	17.76	PASS
n1	30	20	386000	1@0	CP_QAM16	-0.10	13.95	PASS
n1	30	20	386000	1@0	CP_QAM16	-1.50	30.82	PASS
n1	30	20	386000	1@0	CP_QAM16	-5.50	30.52	PASS
n1	30	20	386000	1@0	CP_QAM16	-20.50	21.76	PASS
n1	30	20	386000	1@0	CP_QAM16	0.10	36.23	PASS
n1	30	20	386000	1@0	CP_QAM16	1.50	33.35	PASS
n1	30	20	386000	1@0	CP_QAM16	5.50	31.25	PASS
n1	30	20	386000	1@0	CP_QAM16	20.50	23.33	PASS
n1	30	20	386000	51@0	CP_QAM16	-0.10	23.85	PASS
n1	30	20	386000	51@0	CP_QAM16	-1.50	22.33	PASS
n1	30	20	386000	51@0	CP_QAM16	-5.50	22.05	PASS
n1	30	20	386000	51@0	CP_QAM16	-20.50	21.69	PASS
n1	30	20	386000	51@0	CP_QAM16	0.10	23.37	PASS
n1	30	20	386000	51@0	CP_QAM16	1.50	22.33	PASS
n1	30	20	386000	51@0	CP_QAM16	5.50	20.80	PASS
n1	30	20	386000	51@0	CP_QAM16	20.50	17.68	PASS
n1	30	20	386000	1@0	CP_QAM64	-0.10	15.60	PASS
n1	30	20	386000	1@0	CP_QAM64	-1.50	31.30	PASS
n1	30	20	386000	1@0	CP_QAM64	-5.50	31.00	PASS
n1	30	20	386000	1@0	CP_QAM64	-20.50	21.71	PASS
n1	30	20	386000	1@0	CP_QAM64	0.30	36.32	PASS
n1	30	20	386000	1@0	CP_QAM64	1.50	33.63	PASS
n1	30	20	386000	1@0	CP_QAM64	5.50	31.55	PASS
n1	30	20	386000	1@0	CP_QAM64	20.50	23.20	PASS
n1	30	20	386000	51@0	CP_QAM64	-0.10	26.12	PASS

n1	30	20	386000	51@0	CP_QAM64	-1.50	24.66	PASS
n1	30	20	386000	51@0	CP_QAM64	-5.50	24.31	PASS
n1	30	20	386000	51@0	CP_QAM64	-20.50	22.04	PASS
n1	30	20	386000	51@0	CP_QAM64	0.10	25.50	PASS
n1	30	20	386000	51@0	CP_QAM64	1.50	24.17	PASS
n1	30	20	386000	51@0	CP_QAM64	5.50	22.97	PASS
n1	30	20	386000	51@0	CP_QAM64	20.50	18.55	PASS
n1	30	20	386000	1@0	CP_QAM256	-0.10	15.81	PASS
n1	30	20	386000	1@0	CP_QAM256	-1.50	31.38	PASS
n1	30	20	386000	1@0	CP_QAM256	-5.50	30.91	PASS
n1	30	20	386000	1@0	CP_QAM256	-20.50	21.88	PASS
n1	30	20	386000	1@0	CP_QAM256	0.10	36.56	PASS
n1	30	20	386000	1@0	CP_QAM256	1.50	33.78	PASS
n1	30	20	386000	1@0	CP_QAM256	5.50	31.55	PASS
n1	30	20	386000	1@0	CP_QAM256	20.50	23.30	PASS
n1	30	20	386000	51@0	CP_QAM256	-0.10	25.97	PASS
n1	30	20	386000	51@0	CP_QAM256	-1.50	24.53	PASS
n1	30	20	386000	51@0	CP_QAM256	-5.50	24.33	PASS
n1	30	20	386000	51@0	CP_QAM256	-20.50	22.11	PASS
n1	30	20	386000	51@0	CP_QAM256	0.10	25.44	PASS
n1	30	20	386000	51@0	CP_QAM256	1.50	24.17	PASS
n1	30	20	386000	51@0	CP_QAM256	6.50	23.11	PASS
n1	30	20	386000	51@0	CP_QAM256	20.50	18.47	PASS
n1	30	20	394000	1@50	DFT_BPSK	-0.30	36.92	PASS
n1	30	20	394000	1@50	DFT_BPSK	-1.50	33.66	PASS
n1	30	20	394000	1@50	DFT_BPSK	-5.50	31.52	PASS
n1	30	20	394000	1@50	DFT_BPSK	-20.50	22.49	PASS
n1	30	20	394000	1@50	DFT_BPSK	0.10	13.97	PASS
n1	30	20	394000	1@50	DFT_BPSK	1.50	31.64	PASS
n1	30	20	394000	1@50	DFT_BPSK	5.50	31.19	PASS
n1	30	20	394000	1@50	DFT_BPSK	20.50	23.37	PASS
n1	30	20	394000	50@0	DFT_BPSK	-0.10	25.51	PASS
n1	30	20	394000	50@0	DFT_BPSK	-1.50	24.10	PASS
n1	30	20	394000	50@0	DFT_BPSK	-5.50	22.78	PASS
n1	30	20	394000	50@0	DFT_BPSK	-20.50	18.01	PASS
n1	30	20	394000	50@0	DFT_BPSK	0.50	27.26	PASS
n1	30	20	394000	50@0	DFT_BPSK	1.50	24.40	PASS
n1	30	20	394000	50@0	DFT_BPSK	5.50	23.80	PASS
n1	30	20	394000	50@0	DFT_BPSK	20.50	21.75	PASS
n1	30	20	394000	1@50	DFT_QPSK	-0.10	36.63	PASS
n1	30	20	394000	1@50	DFT_QPSK	-1.50	33.72	PASS
n1	30	20	394000	1@50	DFT_QPSK	-5.50	31.55	PASS
n1	30	20	394000	1@50	DFT_QPSK	-20.50	22.54	PASS
n1	30	20	394000	1@50	DFT_QPSK	0.10	13.92	PASS

n1	30	20	394000	1@50	DFT_QPSK	1.50	31.50	PASS
n1	30	20	394000	1@50	DFT_QPSK	7.50	31.17	PASS
n1	30	20	394000	1@50	DFT_QPSK	20.50	23.17	PASS
n1	30	20	394000	50@0	DFT_QPSK	-0.10	25.60	PASS
n1	30	20	394000	50@0	DFT_QPSK	-1.50	24.19	PASS
n1	30	20	394000	50@0	DFT_QPSK	-5.50	22.86	PASS
n1	30	20	394000	50@0	DFT_QPSK	-20.50	17.94	PASS
n1	30	20	394000	50@0	DFT_QPSK	0.50	27.33	PASS
n1	30	20	394000	50@0	DFT_QPSK	1.50	24.53	PASS
n1	30	20	394000	50@0	DFT_QPSK	5.50	23.92	PASS
n1	30	20	394000	50@0	DFT_QPSK	20.50	21.71	PASS
n1	30	20	394000	1@50	DFT_QAM16	-0.10	36.92	PASS
n1	30	20	394000	1@50	DFT_QAM16	-1.50	33.87	PASS
n1	30	20	394000	1@50	DFT_QAM16	-5.50	31.39	PASS
n1	30	20	394000	1@50	DFT_QAM16	-20.50	22.66	PASS
n1	30	20	394000	1@50	DFT_QAM16	0.10	13.84	PASS
n1	30	20	394000	1@50	DFT_QAM16	1.50	31.77	PASS
n1	30	20	394000	1@50	DFT_QAM16	7.50	31.02	PASS
n1	30	20	394000	1@50	DFT_QAM16	20.50	23.27	PASS
n1	30	20	394000	50@0	DFT_QAM16	-0.10	25.48	PASS
n1	30	20	394000	50@0	DFT_QAM16	-1.50	23.97	PASS
n1	30	20	394000	50@0	DFT_QAM16	-5.50	22.72	PASS
n1	30	20	394000	50@0	DFT_QAM16	-20.50	17.99	PASS
n1	30	20	394000	50@0	DFT_QAM16	0.50	27.05	PASS
n1	30	20	394000	50@0	DFT_QAM16	1.50	24.36	PASS
n1	30	20	394000	50@0	DFT_QAM16	5.50	23.78	PASS
n1	30	20	394000	50@0	DFT_QAM16	20.50	21.84	PASS
n1	30	20	394000	1@50	DFT_QAM64	-0.30	36.86	PASS
n1	30	20	394000	1@50	DFT_QAM64	-1.50	33.83	PASS
n1	30	20	394000	1@50	DFT_QAM64	-5.50	31.36	PASS
n1	30	20	394000	1@50	DFT_QAM64	-22.50	22.55	PASS
n1	30	20	394000	1@50	DFT_QAM64	0.10	13.90	PASS
n1	30	20	394000	1@50	DFT_QAM64	1.50	31.64	PASS
n1	30	20	394000	1@50	DFT_QAM64	7.50	31.11	PASS
n1	30	20	394000	1@50	DFT_QAM64	20.50	23.32	PASS
n1	30	20	394000	50@0	DFT_QAM64	-0.10	26.27	PASS
n1	30	20	394000	50@0	DFT_QAM64	-1.50	24.98	PASS
n1	30	20	394000	50@0	DFT_QAM64	-5.50	23.62	PASS
n1	30	20	394000	50@0	DFT_QAM64	-20.50	18.18	PASS
n1	30	20	394000	50@0	DFT_QAM64	0.10	28.02	PASS
n1	30	20	394000	50@0	DFT_QAM64	1.50	25.30	PASS
n1	30	20	394000	50@0	DFT_QAM64	5.50	24.71	PASS
n1	30	20	394000	50@0	DFT_QAM64	20.50	21.64	PASS
n1	30	20	394000	1@50	DFT_QAM256	-0.10	36.93	PASS

n1	30	20	394000	1@50	DFT_QAM256	-1.50	33.83	PASS
n1	30	20	394000	1@50	DFT_QAM256	-5.50	31.38	PASS
n1	30	20	394000	1@50	DFT_QAM256	-20.50	22.69	PASS
n1	30	20	394000	1@50	DFT_QAM256	0.10	13.84	PASS
n1	30	20	394000	1@50	DFT_QAM256	1.50	31.60	PASS
n1	30	20	394000	1@50	DFT_QAM256	7.50	31.15	PASS
n1	30	20	394000	1@50	DFT_QAM256	20.50	23.23	PASS
n1	30	20	394000	50@0	DFT_QAM256	-0.10	25.73	PASS
n1	30	20	394000	50@0	DFT_QAM256	-1.50	24.58	PASS
n1	30	20	394000	50@0	DFT_QAM256	-5.50	23.16	PASS
n1	30	20	394000	50@0	DFT_QAM256	-20.50	18.22	PASS
n1	30	20	394000	50@0	DFT_QAM256	0.10	27.68	PASS
n1	30	20	394000	50@0	DFT_QAM256	1.50	25.15	PASS
n1	30	20	394000	50@0	DFT_QAM256	5.50	24.52	PASS
n1	30	20	394000	50@0	DFT_QAM256	20.50	21.73	PASS
n1	30	20	394000	1@50	CP_QPSK	-0.30	36.54	PASS
n1	30	20	394000	1@50	CP_QPSK	-2.50	33.62	PASS
n1	30	20	394000	1@50	CP_QPSK	-5.50	31.21	PASS
n1	30	20	394000	1@50	CP_QPSK	-20.50	22.66	PASS
n1	30	20	394000	1@50	CP_QPSK	0.10	16.07	PASS
n1	30	20	394000	1@50	CP_QPSK	1.50	31.62	PASS
n1	30	20	394000	1@50	CP_QPSK	7.50	31.05	PASS
n1	30	20	394000	1@50	CP_QPSK	20.50	23.14	PASS
n1	30	20	394000	51@0	CP_QPSK	-0.10	14.96	PASS
n1	30	20	394000	51@0	CP_QPSK	-1.50	30.42	PASS
n1	30	20	394000	51@0	CP_QPSK	-7.50	30.03	PASS
n1	30	20	394000	51@0	CP_QPSK	-20.50	21.73	PASS
n1	30	20	394000	51@0	CP_QPSK	0.10	36.82	PASS
n1	30	20	394000	51@0	CP_QPSK	1.50	34.11	PASS
n1	30	20	394000	51@0	CP_QPSK	5.50	32.13	PASS
n1	30	20	394000	51@0	CP_QPSK	20.50	23.07	PASS
n1	30	20	394000	1@50	CP_QAM16	-0.10	36.27	PASS
n1	30	20	394000	1@50	CP_QAM16	-1.50	33.54	PASS
n1	30	20	394000	1@50	CP_QAM16	-5.50	31.23	PASS
n1	30	20	394000	1@50	CP_QAM16	-22.50	22.72	PASS
n1	30	20	394000	1@50	CP_QAM16	0.10	13.72	PASS
n1	30	20	394000	1@50	CP_QAM16	1.50	31.10	PASS
n1	30	20	394000	1@50	CP_QAM16	7.50	30.61	PASS
n1	30	20	394000	1@50	CP_QAM16	20.50	23.39	PASS
n1	30	20	394000	51@0	CP_QAM16	-0.10	13.45	PASS
n1	30	20	394000	51@0	CP_QAM16	-1.50	30.54	PASS
n1	30	20	394000	51@0	CP_QAM16	-8.50	29.64	PASS
n1	30	20	394000	51@0	CP_QAM16	-20.50	21.37	PASS
n1	30	20	394000	51@0	CP_QAM16	0.10	36.43	PASS

n1	30	20	394000	51@0	CP_QAM16	1.50	34.05	PASS
n1	30	20	394000	51@0	CP_QAM16	5.50	31.99	PASS
n1	30	20	394000	51@0	CP_QAM16	20.50	23.16	PASS
n1	30	20	394000	1@50	CP_QAM64	-0.10	36.65	PASS
n1	30	20	394000	1@50	CP_QAM64	-1.50	33.77	PASS
n1	30	20	394000	1@50	CP_QAM64	-5.50	31.47	PASS
n1	30	20	394000	1@50	CP_QAM64	-20.50	22.68	PASS
n1	30	20	394000	1@50	CP_QAM64	0.10	13.90	PASS
n1	30	20	394000	1@50	CP_QAM64	1.50	31.51	PASS
n1	30	20	394000	1@50	CP_QAM64	7.50	30.95	PASS
n1	30	20	394000	1@50	CP_QAM64	20.50	23.28	PASS
n1	30	20	394000	51@0	CP_QAM64	-0.10	14.36	PASS
n1	30	20	394000	51@0	CP_QAM64	-1.50	31.00	PASS
n1	30	20	394000	51@0	CP_QAM64	-7.50	30.28	PASS
n1	30	20	394000	51@0	CP_QAM64	-20.50	21.73	PASS
n1	30	20	394000	51@0	CP_QAM64	0.10	36.59	PASS
n1	30	20	394000	51@0	CP_QAM64	1.50	34.29	PASS
n1	30	20	394000	51@0	CP_QAM64	5.50	32.47	PASS
n1	30	20	394000	51@0	CP_QAM64	20.50	23.27	PASS
n1	30	20	394000	1@50	CP_QAM256	-0.50	36.81	PASS
n1	30	20	394000	1@50	CP_QAM256	-1.50	33.85	PASS
n1	30	20	394000	1@50	CP_QAM256	-5.50	31.56	PASS
n1	30	20	394000	1@50	CP_QAM256	-23.50	22.62	PASS
n1	30	20	394000	1@50	CP_QAM256	0.10	13.82	PASS
n1	30	20	394000	1@50	CP_QAM256	1.50	31.60	PASS
n1	30	20	394000	1@50	CP_QAM256	5.50	31.15	PASS
n1	30	20	394000	1@50	CP_QAM256	20.50	23.10	PASS
n1	30	20	394000	51@0	CP_QAM256	-0.10	14.33	PASS
n1	30	20	394000	51@0	CP_QAM256	-1.50	31.06	PASS
n1	30	20	394000	51@0	CP_QAM256	-7.50	30.30	PASS
n1	30	20	394000	51@0	CP_QAM256	-20.50	21.82	PASS
n1	30	20	394000	51@0	CP_QAM256	0.10	37.24	PASS
n1	30	20	394000	51@0	CP_QAM256	1.50	34.15	PASS
n1	30	20	394000	51@0	CP_QAM256	5.50	32.34	PASS
n1	30	20	394000	51@0	CP_QAM256	20.50	23.33	PASS
n20	30	10	167400	1@0	DFT_BPSK	-0.05	13.39	PASS
n20	30	10	167400	1@0	DFT_BPSK	-1.50	30.06	PASS
n20	30	10	167400	1@0	DFT_BPSK	-5.50	31.18	PASS
n20	30	10	167400	1@0	DFT_BPSK	-12.50	19.63	PASS
n20	30	10	167400	1@0	DFT_BPSK	0.05	35.48	PASS
n20	30	10	167400	1@0	DFT_BPSK	1.50	32.04	PASS
n20	30	10	167400	1@0	DFT_BPSK	7.50	28.69	PASS
n20	30	10	167400	1@0	DFT_BPSK	10.50	23.61	PASS
n20	30	10	167400	24@0	DFT_BPSK	-0.05	25.03	PASS

n20	30	10	167400	24@0	DFT_BPSK	-1.50	25.63	PASS
n20	30	10	167400	24@0	DFT_BPSK	-5.50	24.50	PASS
n20	30	10	167400	24@0	DFT_BPSK	-10.50	19.57	PASS
n20	30	10	167400	24@0	DFT_BPSK	0.05	22.94	PASS
n20	30	10	167400	24@0	DFT_BPSK	1.50	25.48	PASS
n20	30	10	167400	24@0	DFT_BPSK	5.50	24.73	PASS
n20	30	10	167400	24@0	DFT_BPSK	10.50	17.22	PASS
n20	30	10	167400	1@0	DFT_QPSK	-0.05	15.18	PASS
n20	30	10	167400	1@0	DFT_QPSK	-1.50	26.70	PASS
n20	30	10	167400	1@0	DFT_QPSK	-5.50	29.07	PASS
n20	30	10	167400	1@0	DFT_QPSK	-12.50	18.46	PASS
n20	30	10	167400	1@0	DFT_QPSK	0.15	34.77	PASS
n20	30	10	167400	1@0	DFT_QPSK	1.50	30.82	PASS
n20	30	10	167400	1@0	DFT_QPSK	7.50	28.59	PASS
n20	30	10	167400	1@0	DFT_QPSK	10.50	20.80	PASS
n20	30	10	167400	24@0	DFT_QPSK	-0.05	25.10	PASS
n20	30	10	167400	24@0	DFT_QPSK	-1.50	21.51	PASS
n20	30	10	167400	24@0	DFT_QPSK	-5.50	22.73	PASS
n20	30	10	167400	24@0	DFT_QPSK	-10.50	19.79	PASS
n20	30	10	167400	24@0	DFT_QPSK	0.05	23.99	PASS
n20	30	10	167400	24@0	DFT_QPSK	1.50	21.12	PASS
n20	30	10	167400	24@0	DFT_QPSK	5.50	21.74	PASS
n20	30	10	167400	24@0	DFT_QPSK	10.50	14.45	PASS
n20	30	10	167400	1@0	DFT_QAM16	-0.05	15.40	PASS
n20	30	10	167400	1@0	DFT_QAM16	-1.50	30.15	PASS
n20	30	10	167400	1@0	DFT_QAM16	-5.50	30.26	PASS
n20	30	10	167400	1@0	DFT_QAM16	-11.50	18.81	PASS
n20	30	10	167400	1@0	DFT_QAM16	0.05	35.31	PASS
n20	30	10	167400	1@0	DFT_QAM16	1.50	31.53	PASS
n20	30	10	167400	1@0	DFT_QAM16	7.50	29.35	PASS
n20	30	10	167400	1@0	DFT_QAM16	10.50	21.29	PASS
n20	30	10	167400	24@0	DFT_QAM16	-0.05	25.24	PASS
n20	30	10	167400	24@0	DFT_QAM16	-1.50	24.32	PASS
n20	30	10	167400	24@0	DFT_QAM16	-5.50	25.05	PASS
n20	30	10	167400	24@0	DFT_QAM16	-10.50	19.96	PASS
n20	30	10	167400	24@0	DFT_QAM16	0.05	24.95	PASS
n20	30	10	167400	24@0	DFT_QAM16	1.50	23.48	PASS
n20	30	10	167400	24@0	DFT_QAM16	5.50	23.74	PASS
n20	30	10	167400	24@0	DFT_QAM16	10.50	15.47	PASS
n20	30	10	167400	1@0	DFT_QAM64	-0.05	14.64	PASS
n20	30	10	167400	1@0	DFT_QAM64	-1.50	30.43	PASS
n20	30	10	167400	1@0	DFT_QAM64	-5.50	30.27	PASS
n20	30	10	167400	1@0	DFT_QAM64	-11.50	19.02	PASS
n20	30	10	167400	1@0	DFT_QAM64	0.05	36.04	PASS

n20	30	10	167400	1@0	DFT_QAM64	1.50	31.62	PASS
n20	30	10	167400	1@0	DFT_QAM64	7.50	29.57	PASS
n20	30	10	167400	1@0	DFT_QAM64	10.50	21.23	PASS
n20	30	10	167400	24@0	DFT_QAM64	-0.05	25.44	PASS
n20	30	10	167400	24@0	DFT_QAM64	-1.50	24.71	PASS
n20	30	10	167400	24@0	DFT_QAM64	-5.50	25.57	PASS
n20	30	10	167400	24@0	DFT_QAM64	-10.50	20.21	PASS
n20	30	10	167400	24@0	DFT_QAM64	0.05	26.15	PASS
n20	30	10	167400	24@0	DFT_QAM64	1.50	23.72	PASS
n20	30	10	167400	24@0	DFT_QAM64	5.50	24.42	PASS
n20	30	10	167400	24@0	DFT_QAM64	10.50	16.27	PASS
n20	30	10	167400	1@0	DFT_QAM256	-0.05	14.68	PASS
n20	30	10	167400	1@0	DFT_QAM256	-1.50	30.37	PASS
n20	30	10	167400	1@0	DFT_QAM256	-5.50	30.55	PASS
n20	30	10	167400	1@0	DFT_QAM256	-11.50	19.11	PASS
n20	30	10	167400	1@0	DFT_QAM256	0.15	35.86	PASS
n20	30	10	167400	1@0	DFT_QAM256	1.50	31.57	PASS
n20	30	10	167400	1@0	DFT_QAM256	7.50	29.51	PASS
n20	30	10	167400	1@0	DFT_QAM256	10.50	21.24	PASS
n20	30	10	167400	24@0	DFT_QAM256	-0.05	25.97	PASS
n20	30	10	167400	24@0	DFT_QAM256	-1.50	25.22	PASS
n20	30	10	167400	24@0	DFT_QAM256	-5.50	25.89	PASS
n20	30	10	167400	24@0	DFT_QAM256	-10.50	20.08	PASS
n20	30	10	167400	24@0	DFT_QAM256	0.05	26.23	PASS
n20	30	10	167400	24@0	DFT_QAM256	1.50	24.04	PASS
n20	30	10	167400	24@0	DFT_QAM256	5.50	24.48	PASS
n20	30	10	167400	24@0	DFT_QAM256	10.50	16.09	PASS
n20	30	10	167400	1@0	CP_QPSK	-0.05	14.66	PASS
n20	30	10	167400	1@0	CP_QPSK	-1.50	30.45	PASS
n20	30	10	167400	1@0	CP_QPSK	-5.50	30.59	PASS
n20	30	10	167400	1@0	CP_QPSK	-11.50	19.00	PASS
n20	30	10	167400	1@0	CP_QPSK	0.15	36.01	PASS
n20	30	10	167400	1@0	CP_QPSK	1.50	31.63	PASS
n20	30	10	167400	1@0	CP_QPSK	7.50	29.62	PASS
n20	30	10	167400	1@0	CP_QPSK	10.50	21.23	PASS
n20	30	10	167400	24@0	CP_QPSK	-0.05	25.76	PASS
n20	30	10	167400	24@0	CP_QPSK	-1.50	21.78	PASS
n20	30	10	167400	24@0	CP_QPSK	-5.50	23.57	PASS
n20	30	10	167400	24@0	CP_QPSK	-10.50	20.40	PASS
n20	30	10	167400	24@0	CP_QPSK	0.05	26.28	PASS
n20	30	10	167400	24@0	CP_QPSK	1.50	21.31	PASS
n20	30	10	167400	24@0	CP_QPSK	5.50	22.19	PASS
n20	30	10	167400	24@0	CP_QPSK	10.50	15.69	PASS
n20	30	10	167400	1@0	CP_QAM16	-0.05	15.83	PASS

n20	30	10	167400	1@0	CP_QAM16	-1.50	30.17	PASS
n20	30	10	167400	1@0	CP_QAM16	-5.50	30.28	PASS
n20	30	10	167400	1@0	CP_QAM16	-11.50	19.50	PASS
n20	30	10	167400	1@0	CP_QAM16	0.15	35.60	PASS
n20	30	10	167400	1@0	CP_QAM16	1.50	31.15	PASS
n20	30	10	167400	1@0	CP_QAM16	7.50	29.57	PASS
n20	30	10	167400	1@0	CP_QAM16	10.50	21.27	PASS
n20	30	10	167400	24@0	CP_QAM16	-0.05	24.34	PASS
n20	30	10	167400	24@0	CP_QAM16	-1.50	20.69	PASS
n20	30	10	167400	24@0	CP_QAM16	-5.50	23.27	PASS
n20	30	10	167400	24@0	CP_QAM16	-10.50	20.38	PASS
n20	30	10	167400	24@0	CP_QAM16	0.05	24.21	PASS
n20	30	10	167400	24@0	CP_QAM16	1.50	19.88	PASS
n20	30	10	167400	24@0	CP_QAM16	5.50	21.61	PASS
n20	30	10	167400	24@0	CP_QAM16	10.50	15.35	PASS
n20	30	10	167400	1@0	CP_QAM64	-0.05	17.21	PASS
n20	30	10	167400	1@0	CP_QAM64	-1.50	30.58	PASS
n20	30	10	167400	1@0	CP_QAM64	-5.50	30.65	PASS
n20	30	10	167400	1@0	CP_QAM64	-11.50	19.52	PASS
n20	30	10	167400	1@0	CP_QAM64	0.05	35.64	PASS
n20	30	10	167400	1@0	CP_QAM64	1.50	31.48	PASS
n20	30	10	167400	1@0	CP_QAM64	7.50	29.63	PASS
n20	30	10	167400	1@0	CP_QAM64	10.50	21.32	PASS
n20	30	10	167400	24@0	CP_QAM64	-0.05	26.46	PASS
n20	30	10	167400	24@0	CP_QAM64	-1.50	23.52	PASS
n20	30	10	167400	24@0	CP_QAM64	-5.50	24.75	PASS
n20	30	10	167400	24@0	CP_QAM64	-10.50	20.63	PASS
n20	30	10	167400	24@0	CP_QAM64	0.05	26.96	PASS
n20	30	10	167400	24@0	CP_QAM64	1.50	22.72	PASS
n20	30	10	167400	24@0	CP_QAM64	5.50	23.57	PASS
n20	30	10	167400	24@0	CP_QAM64	10.50	16.28	PASS
n20	30	10	167400	1@0	CP_QAM256	-0.05	17.10	PASS
n20	30	10	167400	1@0	CP_QAM256	-1.50	30.46	PASS
n20	30	10	167400	1@0	CP_QAM256	-5.50	30.41	PASS
n20	30	10	167400	1@0	CP_QAM256	-12.50	19.56	PASS
n20	30	10	167400	1@0	CP_QAM256	0.05	36.07	PASS
n20	30	10	167400	1@0	CP_QAM256	1.50	31.29	PASS
n20	30	10	167400	1@0	CP_QAM256	7.50	29.41	PASS
n20	30	10	167400	1@0	CP_QAM256	10.50	21.47	PASS
n20	30	10	167400	24@0	CP_QAM256	-0.05	25.70	PASS
n20	30	10	167400	24@0	CP_QAM256	-1.50	23.41	PASS
n20	30	10	167400	24@0	CP_QAM256	-5.50	24.70	PASS
n20	30	10	167400	24@0	CP_QAM256	-10.50	20.56	PASS
n20	30	10	167400	24@0	CP_QAM256	0.05	26.72	PASS

n20	30	10	167400	24@0	CP_QAM256	1.50	22.77	PASS
n20	30	10	167400	24@0	CP_QAM256	5.50	23.50	PASS
n20	30	10	167400	24@0	CP_QAM256	10.50	16.38	PASS
n20	30	10	171400	1@23	DFT_BPSK	-0.05	35.33	PASS
n20	30	10	171400	1@23	DFT_BPSK	-1.50	31.60	PASS
n20	30	10	171400	1@23	DFT_BPSK	-7.50	29.71	PASS
n20	30	10	171400	1@23	DFT_BPSK	-10.50	23.49	PASS
n20	30	10	171400	1@23	DFT_BPSK	0.05	19.24	PASS
n20	30	10	171400	1@23	DFT_BPSK	1.50	30.43	PASS
n20	30	10	171400	1@23	DFT_BPSK	5.50	32.02	PASS
n20	30	10	171400	1@23	DFT_BPSK	12.50	21.61	PASS
n20	30	10	171400	24@0	DFT_BPSK	-0.05	24.54	PASS
n20	30	10	171400	24@0	DFT_BPSK	-1.50	23.34	PASS
n20	30	10	171400	24@0	DFT_BPSK	-5.50	23.00	PASS
n20	30	10	171400	24@0	DFT_BPSK	-10.50	16.30	PASS
n20	30	10	171400	24@0	DFT_BPSK	0.05	24.35	PASS
n20	30	10	171400	24@0	DFT_BPSK	1.50	25.06	PASS
n20	30	10	171400	24@0	DFT_BPSK	5.50	25.93	PASS
n20	30	10	171400	24@0	DFT_BPSK	10.50	19.13	PASS
n20	30	10	171400	1@23	DFT_QPSK	-0.05	33.85	PASS
n20	30	10	171400	1@23	DFT_QPSK	-1.50	30.56	PASS
n20	30	10	171400	1@23	DFT_QPSK	-7.50	28.54	PASS
n20	30	10	171400	1@23	DFT_QPSK	-10.50	20.41	PASS
n20	30	10	171400	1@23	DFT_QPSK	0.05	15.01	PASS
n20	30	10	171400	1@23	DFT_QPSK	1.50	29.16	PASS
n20	30	10	171400	1@23	DFT_QPSK	5.50	29.91	PASS
n20	30	10	171400	1@23	DFT_QPSK	11.50	18.54	PASS
n20	30	10	171400	24@0	DFT_QPSK	-0.05	23.19	PASS
n20	30	10	171400	24@0	DFT_QPSK	-1.50	19.49	PASS
n20	30	10	171400	24@0	DFT_QPSK	-5.50	20.65	PASS
n20	30	10	171400	24@0	DFT_QPSK	-10.50	14.24	PASS
n20	30	10	171400	24@0	DFT_QPSK	0.05	23.29	PASS
n20	30	10	171400	24@0	DFT_QPSK	1.50	20.34	PASS
n20	30	10	171400	24@0	DFT_QPSK	5.50	22.74	PASS
n20	30	10	171400	24@0	DFT_QPSK	10.50	18.88	PASS
n20	30	10	171400	1@23	DFT_QAM16	-0.05	35.01	PASS
n20	30	10	171400	1@23	DFT_QAM16	-1.50	31.06	PASS
n20	30	10	171400	1@23	DFT_QAM16	-7.50	28.85	PASS
n20	30	10	171400	1@23	DFT_QAM16	-10.50	20.69	PASS
n20	30	10	171400	1@23	DFT_QAM16	0.05	14.99	PASS
n20	30	10	171400	1@23	DFT_QAM16	1.50	29.50	PASS
n20	30	10	171400	1@23	DFT_QAM16	5.50	30.28	PASS
n20	30	10	171400	1@23	DFT_QAM16	12.50	19.33	PASS
n20	30	10	171400	24@0	DFT_QAM16	-0.05	23.50	PASS

n20	30	10	171400	24@0	DFT_QAM16	-1.50	22.34	PASS
n20	30	10	171400	24@0	DFT_QAM16	-5.50	22.98	PASS
n20	30	10	171400	24@0	DFT_QAM16	-10.50	15.02	PASS
n20	30	10	171400	24@0	DFT_QAM16	0.05	25.87	PASS
n20	30	10	171400	24@0	DFT_QAM16	1.50	22.60	PASS
n20	30	10	171400	24@0	DFT_QAM16	5.50	24.52	PASS
n20	30	10	171400	24@0	DFT_QAM16	10.50	19.62	PASS
n20	30	10	171400	1@23	DFT_QAM64	-0.15	34.67	PASS
n20	30	10	171400	1@23	DFT_QAM64	-1.50	31.17	PASS
n20	30	10	171400	1@23	DFT_QAM64	-7.50	28.69	PASS
n20	30	10	171400	1@23	DFT_QAM64	-10.50	20.49	PASS
n20	30	10	171400	1@23	DFT_QAM64	0.05	14.56	PASS
n20	30	10	171400	1@23	DFT_QAM64	1.50	29.81	PASS
n20	30	10	171400	1@23	DFT_QAM64	5.50	30.64	PASS
n20	30	10	171400	1@23	DFT_QAM64	11.50	19.00	PASS
n20	30	10	171400	24@0	DFT_QAM64	-0.05	24.99	PASS
n20	30	10	171400	24@0	DFT_QAM64	-1.50	24.25	PASS
n20	30	10	171400	24@0	DFT_QAM64	-5.50	24.03	PASS
n20	30	10	171400	24@0	DFT_QAM64	-10.50	15.62	PASS
n20	30	10	171400	24@0	DFT_QAM64	0.05	24.79	PASS
n20	30	10	171400	24@0	DFT_QAM64	1.50	24.13	PASS
n20	30	10	171400	24@0	DFT_QAM64	5.50	25.24	PASS
n20	30	10	171400	24@0	DFT_QAM64	10.50	19.60	PASS
n20	30	10	171400	1@23	DFT_QAM256	-0.15	35.16	PASS
n20	30	10	171400	1@23	DFT_QAM256	-1.50	31.09	PASS
n20	30	10	171400	1@23	DFT_QAM256	-7.50	28.88	PASS
n20	30	10	171400	1@23	DFT_QAM256	-10.50	20.68	PASS
n20	30	10	171400	1@23	DFT_QAM256	0.05	15.05	PASS
n20	30	10	171400	1@23	DFT_QAM256	1.50	29.82	PASS
n20	30	10	171400	1@23	DFT_QAM256	5.50	30.31	PASS
n20	30	10	171400	1@23	DFT_QAM256	10.50	19.32	PASS
n20	30	10	171400	24@0	DFT_QAM256	-0.05	24.95	PASS
n20	30	10	171400	24@0	DFT_QAM256	-1.50	24.59	PASS
n20	30	10	171400	24@0	DFT_QAM256	-5.50	24.25	PASS
n20	30	10	171400	24@0	DFT_QAM256	-10.50	15.53	PASS
n20	30	10	171400	24@0	DFT_QAM256	0.05	25.55	PASS
n20	30	10	171400	24@0	DFT_QAM256	1.50	24.20	PASS
n20	30	10	171400	24@0	DFT_QAM256	5.50	24.95	PASS
n20	30	10	171400	24@0	DFT_QAM256	10.50	19.74	PASS
n20	30	10	171400	1@23	CP_QPSK	-0.05	23.32	PASS
n20	30	10	171400	1@23	CP_QPSK	-1.50	19.14	PASS
n20	30	10	171400	1@23	CP_QPSK	-5.50	21.21	PASS
n20	30	10	171400	1@23	CP_QPSK	-10.50	14.77	PASS
n20	30	10	171400	1@23	CP_QPSK	0.15	24.75	PASS

n20	30	10	171400	1@23	CP_QPSK	1.50	19.89	PASS
n20	30	10	171400	1@23	CP_QPSK	5.50	22.96	PASS
n20	30	10	171400	1@23	CP_QPSK	10.50	19.83	PASS
n20	30	10	171400	24@0	CP_QPSK	-0.05	23.34	PASS
n20	30	10	171400	24@0	CP_QPSK	-1.50	19.04	PASS
n20	30	10	171400	24@0	CP_QPSK	-5.50	21.24	PASS
n20	30	10	171400	24@0	CP_QPSK	-10.50	14.69	PASS
n20	30	10	171400	24@0	CP_QPSK	0.15	24.65	PASS
n20	30	10	171400	24@0	CP_QPSK	1.50	19.81	PASS
n20	30	10	171400	24@0	CP_QPSK	5.50	23.04	PASS
n20	30	10	171400	24@0	CP_QPSK	10.50	19.79	PASS
n20	30	10	171400	1@23	CP_QAM16	-0.15	34.94	PASS
n20	30	10	171400	1@23	CP_QAM16	-1.50	30.38	PASS
n20	30	10	171400	1@23	CP_QAM16	-7.50	28.68	PASS
n20	30	10	171400	1@23	CP_QAM16	-10.50	20.47	PASS
n20	30	10	171400	1@23	CP_QAM16	0.05	16.87	PASS
n20	30	10	171400	1@23	CP_QAM16	1.50	29.62	PASS
n20	30	10	171400	1@23	CP_QAM16	5.50	30.15	PASS
n20	30	10	171400	1@23	CP_QAM16	11.50	19.75	PASS
n20	30	10	171400	24@0	CP_QAM16	-0.05	22.51	PASS
n20	30	10	171400	24@0	CP_QAM16	-1.50	18.29	PASS
n20	30	10	171400	24@0	CP_QAM16	-5.50	20.94	PASS
n20	30	10	171400	24@0	CP_QAM16	-10.50	14.81	PASS
n20	30	10	171400	24@0	CP_QAM16	0.15	23.89	PASS
n20	30	10	171400	24@0	CP_QAM16	1.50	18.68	PASS
n20	30	10	171400	24@0	CP_QAM16	5.50	22.68	PASS
n20	30	10	171400	24@0	CP_QAM16	10.50	19.62	PASS
n20	30	10	171400	1@23	CP_QAM64	-0.05	35.42	PASS
n20	30	10	171400	1@23	CP_QAM64	-1.50	31.21	PASS
n20	30	10	171400	1@23	CP_QAM64	-7.50	29.33	PASS
n20	30	10	171400	1@23	CP_QAM64	-10.50	20.91	PASS
n20	30	10	171400	1@23	CP_QAM64	0.05	18.71	PASS
n20	30	10	171400	1@23	CP_QAM64	1.50	30.27	PASS
n20	30	10	171400	1@23	CP_QAM64	5.50	31.19	PASS
n20	30	10	171400	1@23	CP_QAM64	11.50	19.90	PASS
n20	30	10	171400	24@0	CP_QAM64	-0.05	24.50	PASS
n20	30	10	171400	24@0	CP_QAM64	-1.50	22.02	PASS
n20	30	10	171400	24@0	CP_QAM64	-5.50	23.07	PASS
n20	30	10	171400	24@0	CP_QAM64	-10.50	15.90	PASS
n20	30	10	171400	24@0	CP_QAM64	0.05	26.81	PASS
n20	30	10	171400	24@0	CP_QAM64	1.50	22.09	PASS
n20	30	10	171400	24@0	CP_QAM64	5.50	24.26	PASS
n20	30	10	171400	24@0	CP_QAM64	10.50	20.18	PASS
n20	30	10	171400	1@23	CP_QAM256	-0.15	35.42	PASS

n20	30	10	171400	1@23	CP_QAM256	-1.50	31.04	PASS
n20	30	10	171400	1@23	CP_QAM256	-7.50	29.13	PASS
n20	30	10	171400	1@23	CP_QAM256	-10.50	20.87	PASS
n20	30	10	171400	1@23	CP_QAM256	0.05	18.69	PASS
n20	30	10	171400	1@23	CP_QAM256	1.50	29.94	PASS
n20	30	10	171400	1@23	CP_QAM256	5.50	30.73	PASS
n20	30	10	171400	1@23	CP_QAM256	11.50	20.01	PASS
n20	30	10	171400	24@0	CP_QAM256	-0.05	23.47	PASS
n20	30	10	171400	24@0	CP_QAM256	-1.50	21.01	PASS
n20	30	10	171400	24@0	CP_QAM256	-5.50	22.64	PASS
n20	30	10	171400	24@0	CP_QAM256	-10.50	15.97	PASS
n20	30	10	171400	24@0	CP_QAM256	0.05	25.57	PASS
n20	30	10	171400	24@0	CP_QAM256	1.50	21.60	PASS
n20	30	10	171400	24@0	CP_QAM256	5.50	24.24	PASS
n20	30	10	171400	24@0	CP_QAM256	10.50	20.18	PASS
n20	30	20	168400	1@0	DFT_BPSK	-0.10	14.85	PASS
n20	30	20	168400	1@0	DFT_BPSK	-1.50	31.39	PASS
n20	30	20	168400	1@0	DFT_BPSK	-5.50	30.79	PASS
n20	30	20	168400	1@0	DFT_BPSK	-23.50	20.95	PASS
n20	30	20	168400	1@0	DFT_BPSK	0.10	36.84	PASS
n20	30	20	168400	1@0	DFT_BPSK	1.50	33.67	PASS
n20	30	20	168400	1@0	DFT_BPSK	5.50	31.49	PASS
n20	30	20	168400	1@0	DFT_BPSK	22.50	22.85	PASS
n20	30	20	168400	50@0	DFT_BPSK	-0.10	25.55	PASS
n20	30	20	168400	50@0	DFT_BPSK	-1.50	25.18	PASS
n20	30	20	168400	50@0	DFT_BPSK	-5.50	24.94	PASS
n20	30	20	168400	50@0	DFT_BPSK	-24.50	21.53	PASS
n20	30	20	168400	50@0	DFT_BPSK	0.10	27.80	PASS
n20	30	20	168400	50@0	DFT_BPSK	1.50	24.56	PASS
n20	30	20	168400	50@0	DFT_BPSK	5.50	22.99	PASS
n20	30	20	168400	50@0	DFT_BPSK	20.50	22.31	PASS
n20	30	20	168400	1@0	DFT_QPSK	-0.10	16.01	PASS
n20	30	20	168400	1@0	DFT_QPSK	-1.50	31.49	PASS
n20	30	20	168400	1@0	DFT_QPSK	-5.50	30.66	PASS
n20	30	20	168400	1@0	DFT_QPSK	-24.50	21.23	PASS
n20	30	20	168400	1@0	DFT_QPSK	0.50	36.99	PASS
n20	30	20	168400	1@0	DFT_QPSK	1.50	33.47	PASS
n20	30	20	168400	1@0	DFT_QPSK	5.50	31.67	PASS
n20	30	20	168400	1@0	DFT_QPSK	22.50	22.79	PASS
n20	30	20	168400	50@0	DFT_QPSK	-0.10	25.55	PASS
n20	30	20	168400	50@0	DFT_QPSK	-1.50	25.16	PASS
n20	30	20	168400	50@0	DFT_QPSK	-5.50	24.91	PASS
n20	30	20	168400	50@0	DFT_QPSK	-24.50	21.52	PASS
n20	30	20	168400	50@0	DFT_QPSK	0.10	27.76	PASS

n20	30	20	168400	50@0	DFT_QPSK	1.50	24.73	PASS
n20	30	20	168400	50@0	DFT_QPSK	5.50	23.22	PASS
n20	30	20	168400	50@0	DFT_QPSK	20.50	22.36	PASS
n20	30	20	168400	1@0	DFT_QAM16	-0.10	15.76	PASS
n20	30	20	168400	1@0	DFT_QAM16	-1.50	30.99	PASS
n20	30	20	168400	1@0	DFT_QAM16	-5.50	30.65	PASS
n20	30	20	168400	1@0	DFT_QAM16	-22.50	21.21	PASS
n20	30	20	168400	1@0	DFT_QAM16	0.90	36.95	PASS
n20	30	20	168400	1@0	DFT_QAM16	1.50	33.48	PASS
n20	30	20	168400	1@0	DFT_QAM16	5.50	31.35	PASS
n20	30	20	168400	1@0	DFT_QAM16	23.50	22.74	PASS
n20	30	20	168400	50@0	DFT_QAM16	-0.10	25.27	PASS
n20	30	20	168400	50@0	DFT_QAM16	-1.50	25.01	PASS
n20	30	20	168400	50@0	DFT_QAM16	-5.50	24.63	PASS
n20	30	20	168400	50@0	DFT_QAM16	-23.50	21.16	PASS
n20	30	20	168400	50@0	DFT_QAM16	0.10	27.66	PASS
n20	30	20	168400	50@0	DFT_QAM16	1.50	24.52	PASS
n20	30	20	168400	50@0	DFT_QAM16	5.50	23.14	PASS
n20	30	20	168400	50@0	DFT_QAM16	20.50	22.11	PASS
n20	30	20	168400	1@0	DFT_QAM64	-0.10	16.23	PASS
n20	30	20	168400	1@0	DFT_QAM64	-1.50	31.50	PASS
n20	30	20	168400	1@0	DFT_QAM64	-5.50	30.81	PASS
n20	30	20	168400	1@0	DFT_QAM64	-22.50	21.17	PASS
n20	30	20	168400	1@0	DFT_QAM64	0.50	36.66	PASS
n20	30	20	168400	1@0	DFT_QAM64	1.50	33.74	PASS
n20	30	20	168400	1@0	DFT_QAM64	5.50	31.56	PASS
n20	30	20	168400	1@0	DFT_QAM64	23.50	22.81	PASS
n20	30	20	168400	50@0	DFT_QAM64	-0.10	25.40	PASS
n20	30	20	168400	50@0	DFT_QAM64	-1.50	24.95	PASS
n20	30	20	168400	50@0	DFT_QAM64	-5.50	24.69	PASS
n20	30	20	168400	50@0	DFT_QAM64	-23.50	21.36	PASS
n20	30	20	168400	50@0	DFT_QAM64	0.10	27.79	PASS
n20	30	20	168400	50@0	DFT_QAM64	1.50	24.59	PASS
n20	30	20	168400	50@0	DFT_QAM64	5.50	23.28	PASS
n20	30	20	168400	50@0	DFT_QAM64	20.50	22.32	PASS
n20	30	20	168400	1@0	DFT_QAM256	-0.10	16.10	PASS
n20	30	20	168400	1@0	DFT_QAM256	-1.50	31.23	PASS
n20	30	20	168400	1@0	DFT_QAM256	-5.50	30.65	PASS
n20	30	20	168400	1@0	DFT_QAM256	-24.50	20.88	PASS
n20	30	20	168400	1@0	DFT_QAM256	0.10	36.96	PASS
n20	30	20	168400	1@0	DFT_QAM256	1.50	33.67	PASS
n20	30	20	168400	1@0	DFT_QAM256	5.50	31.58	PASS
n20	30	20	168400	1@0	DFT_QAM256	23.50	22.75	PASS
n20	30	20	168400	50@0	DFT_QAM256	-0.10	25.39	PASS

n20	30	20	168400	50@0	DFT_QAM256	-1.50	25.02	PASS
n20	30	20	168400	50@0	DFT_QAM256	-5.50	24.76	PASS
n20	30	20	168400	50@0	DFT_QAM256	-22.50	21.44	PASS
n20	30	20	168400	50@0	DFT_QAM256	0.10	27.69	PASS
n20	30	20	168400	50@0	DFT_QAM256	1.50	24.70	PASS
n20	30	20	168400	50@0	DFT_QAM256	5.50	23.10	PASS
n20	30	20	168400	50@0	DFT_QAM256	20.50	22.13	PASS
n20	30	20	168400	1@0	CP_QPSK	-0.10	14.28	PASS
n20	30	20	168400	1@0	CP_QPSK	-1.50	30.79	PASS
n20	30	20	168400	1@0	CP_QPSK	-5.50	30.28	PASS
n20	30	20	168400	1@0	CP_QPSK	-23.50	21.28	PASS
n20	30	20	168400	1@0	CP_QPSK	0.10	36.38	PASS
n20	30	20	168400	1@0	CP_QPSK	1.50	33.28	PASS
n20	30	20	168400	1@0	CP_QPSK	5.50	31.01	PASS
n20	30	20	168400	1@0	CP_QPSK	22.50	22.75	PASS
n20	30	20	168400	51@0	CP_QPSK	-0.10	15.88	PASS
n20	30	20	168400	51@0	CP_QPSK	-1.50	30.69	PASS
n20	30	20	168400	51@0	CP_QPSK	-5.50	30.42	PASS
n20	30	20	168400	51@0	CP_QPSK	-24.50	21.20	PASS
n20	30	20	168400	51@0	CP_QPSK	0.10	36.59	PASS
n20	30	20	168400	51@0	CP_QPSK	1.50	33.26	PASS
n20	30	20	168400	51@0	CP_QPSK	5.50	31.30	PASS
n20	30	20	168400	51@0	CP_QPSK	21.50	22.83	PASS
n20	30	20	168400	1@0	CP_QAM16	-0.10	14.37	PASS
n20	30	20	168400	1@0	CP_QAM16	-1.50	31.11	PASS
n20	30	20	168400	1@0	CP_QAM16	-5.50	30.63	PASS
n20	30	20	168400	1@0	CP_QAM16	-24.50	21.12	PASS
n20	30	20	168400	1@0	CP_QAM16	0.70	36.85	PASS
n20	30	20	168400	1@0	CP_QAM16	1.50	33.25	PASS
n20	30	20	168400	1@0	CP_QAM16	5.50	31.36	PASS
n20	30	20	168400	1@0	CP_QAM16	20.50	22.89	PASS
n20	30	20	168400	51@0	CP_QAM16	-0.10	14.09	PASS
n20	30	20	168400	51@0	CP_QAM16	-1.50	31.06	PASS
n20	30	20	168400	51@0	CP_QAM16	-5.50	30.58	PASS
n20	30	20	168400	51@0	CP_QAM16	-23.50	20.99	PASS
n20	30	20	168400	51@0	CP_QAM16	0.30	36.34	PASS
n20	30	20	168400	51@0	CP_QAM16	1.50	33.32	PASS
n20	30	20	168400	51@0	CP_QAM16	5.50	31.44	PASS
n20	30	20	168400	51@0	CP_QAM16	21.50	22.82	PASS
n20	30	20	168400	1@0	CP_QAM64	-0.10	16.12	PASS
n20	30	20	168400	1@0	CP_QAM64	-1.50	31.52	PASS
n20	30	20	168400	1@0	CP_QAM64	-5.50	30.83	PASS
n20	30	20	168400	1@0	CP_QAM64	-24.50	21.12	PASS
n20	30	20	168400	1@0	CP_QAM64	0.70	36.84	PASS

n20	30	20	168400	1@0	CP_QAM64	1.50	33.72	PASS
n20	30	20	168400	1@0	CP_QAM64	5.50	31.63	PASS
n20	30	20	168400	1@0	CP_QAM64	22.50	22.69	PASS
n20	30	20	168400	51@0	CP_QAM64	-0.10	16.17	PASS
n20	30	20	168400	51@0	CP_QAM64	-1.50	31.22	PASS
n20	30	20	168400	51@0	CP_QAM64	-5.50	30.83	PASS
n20	30	20	168400	51@0	CP_QAM64	-22.50	21.25	PASS
n20	30	20	168400	51@0	CP_QAM64	0.10	37.14	PASS
n20	30	20	168400	51@0	CP_QAM64	1.50	33.50	PASS
n20	30	20	168400	51@0	CP_QAM64	5.50	31.49	PASS
n20	30	20	168400	51@0	CP_QAM64	22.50	22.75	PASS
n20	30	20	168400	1@0	CP_QAM256	-0.10	16.12	PASS
n20	30	20	168400	1@0	CP_QAM256	-1.50	31.34	PASS
n20	30	20	168400	1@0	CP_QAM256	-5.50	30.88	PASS
n20	30	20	168400	1@0	CP_QAM256	-24.50	21.16	PASS
n20	30	20	168400	1@0	CP_QAM256	0.10	36.97	PASS
n20	30	20	168400	1@0	CP_QAM256	1.50	33.44	PASS
n20	30	20	168400	1@0	CP_QAM256	5.50	31.59	PASS
n20	30	20	168400	1@0	CP_QAM256	22.50	22.88	PASS
n20	30	20	168400	51@0	CP_QAM256	-0.10	16.20	PASS
n20	30	20	168400	51@0	CP_QAM256	-1.50	31.52	PASS
n20	30	20	168400	51@0	CP_QAM256	-5.50	30.90	PASS
n20	30	20	168400	51@0	CP_QAM256	-23.50	21.24	PASS
n20	30	20	168400	51@0	CP_QAM256	0.50	37.21	PASS
n20	30	20	168400	51@0	CP_QAM256	1.50	33.93	PASS
n20	30	20	168400	51@0	CP_QAM256	5.50	31.77	PASS
n20	30	20	168400	51@0	CP_QAM256	21.50	22.92	PASS
n20	30	20	170400	1@50	DFT_BPSK	-0.10	36.70	PASS
n20	30	20	170400	1@50	DFT_BPSK	-1.50	33.77	PASS
n20	30	20	170400	1@50	DFT_BPSK	-5.50	31.76	PASS
n20	30	20	170400	1@50	DFT_BPSK	-24.50	25.83	PASS
n20	30	20	170400	1@50	DFT_BPSK	0.10	14.77	PASS
n20	30	20	170400	1@50	DFT_BPSK	1.50	31.52	PASS
n20	30	20	170400	1@50	DFT_BPSK	5.50	32.23	PASS
n20	30	20	170400	1@50	DFT_BPSK	20.50	27.35	PASS
n20	30	20	170400	50@0	DFT_BPSK	-0.10	24.96	PASS
n20	30	20	170400	50@0	DFT_BPSK	-1.50	23.73	PASS
n20	30	20	170400	50@0	DFT_BPSK	-5.50	22.31	PASS
n20	30	20	170400	50@0	DFT_BPSK	-24.50	21.45	PASS
n20	30	20	170400	50@0	DFT_BPSK	0.10	26.76	PASS
n20	30	20	170400	50@0	DFT_BPSK	1.50	23.71	PASS
n20	30	20	170400	50@0	DFT_BPSK	5.50	23.72	PASS
n20	30	20	170400	50@0	DFT_BPSK	23.50	23.04	PASS
n20	30	20	170400	1@50	DFT_QPSK	-0.10	36.03	PASS

n20	30	20	170400	1@50	DFT_QPSK	-1.50	32.73	PASS
n20	30	20	170400	1@50	DFT_QPSK	-5.50	30.46	PASS
n20	30	20	170400	1@50	DFT_QPSK	-24.50	21.80	PASS
n20	30	20	170400	1@50	DFT_QPSK	0.10	14.77	PASS
n20	30	20	170400	1@50	DFT_QPSK	1.50	30.91	PASS
n20	30	20	170400	1@50	DFT_QPSK	5.50	30.83	PASS
n20	30	20	170400	1@50	DFT_QPSK	20.50	23.00	PASS
n20	30	20	170400	50@0	DFT_QPSK	-0.10	24.92	PASS
n20	30	20	170400	50@0	DFT_QPSK	-1.50	23.63	PASS
n20	30	20	170400	50@0	DFT_QPSK	-5.50	22.28	PASS
n20	30	20	170400	50@0	DFT_QPSK	-24.50	21.19	PASS
n20	30	20	170400	50@0	DFT_QPSK	0.10	26.84	PASS
n20	30	20	170400	50@0	DFT_QPSK	1.50	23.66	PASS
n20	30	20	170400	50@0	DFT_QPSK	5.50	23.66	PASS
n20	30	20	170400	50@0	DFT_QPSK	21.50	22.95	PASS
n20	30	20	170400	1@50	DFT_QAM16	-0.30	35.88	PASS
n20	30	20	170400	1@50	DFT_QAM16	-1.50	32.68	PASS
n20	30	20	170400	1@50	DFT_QAM16	-5.50	30.29	PASS
n20	30	20	170400	1@50	DFT_QAM16	-24.50	21.56	PASS
n20	30	20	170400	1@50	DFT_QAM16	0.10	14.70	PASS
n20	30	20	170400	1@50	DFT_QAM16	1.50	30.91	PASS
n20	30	20	170400	1@50	DFT_QAM16	7.50	30.78	PASS
n20	30	20	170400	1@50	DFT_QAM16	20.50	22.92	PASS
n20	30	20	170400	50@0	DFT_QAM16	-0.10	24.78	PASS
n20	30	20	170400	50@0	DFT_QAM16	-1.50	23.64	PASS
n20	30	20	170400	50@0	DFT_QAM16	-5.50	22.27	PASS
n20	30	20	170400	50@0	DFT_QAM16	-23.50	21.60	PASS
n20	30	20	170400	50@0	DFT_QAM16	0.10	26.94	PASS
n20	30	20	170400	50@0	DFT_QAM16	1.50	23.53	PASS
n20	30	20	170400	50@0	DFT_QAM16	5.50	23.58	PASS
n20	30	20	170400	50@0	DFT_QAM16	22.50	22.93	PASS
n20	30	20	170400	1@50	DFT_QAM64	-0.50	35.44	PASS
n20	30	20	170400	1@50	DFT_QAM64	-1.50	32.69	PASS
n20	30	20	170400	1@50	DFT_QAM64	-5.50	30.36	PASS
n20	30	20	170400	1@50	DFT_QAM64	-23.50	21.66	PASS
n20	30	20	170400	1@50	DFT_QAM64	0.10	14.55	PASS
n20	30	20	170400	1@50	DFT_QAM64	1.50	30.83	PASS
n20	30	20	170400	1@50	DFT_QAM64	7.50	30.87	PASS
n20	30	20	170400	1@50	DFT_QAM64	20.50	22.89	PASS
n20	30	20	170400	50@0	DFT_QAM64	-0.10	24.14	PASS
n20	30	20	170400	50@0	DFT_QAM64	-1.50	23.47	PASS
n20	30	20	170400	50@0	DFT_QAM64	-5.50	22.26	PASS
n20	30	20	170400	50@0	DFT_QAM64	-24.50	21.49	PASS
n20	30	20	170400	50@0	DFT_QAM64	0.10	27.07	PASS

n20	30	20	170400	50@0	DFT_QAM64	1.50	23.65	PASS
n20	30	20	170400	50@0	DFT_QAM64	5.50	23.75	PASS
n20	30	20	170400	50@0	DFT_QAM64	20.50	22.86	PASS
n20	30	20	170400	1@50	DFT_QAM256	-0.10	35.82	PASS
n20	30	20	170400	1@50	DFT_QAM256	-1.50	32.40	PASS
n20	30	20	170400	1@50	DFT_QAM256	-5.50	30.45	PASS
n20	30	20	170400	1@50	DFT_QAM256	-24.50	21.46	PASS
n20	30	20	170400	1@50	DFT_QAM256	0.10	14.73	PASS
n20	30	20	170400	1@50	DFT_QAM256	1.50	30.91	PASS
n20	30	20	170400	1@50	DFT_QAM256	5.50	30.88	PASS
n20	30	20	170400	1@50	DFT_QAM256	20.50	23.01	PASS
n20	30	20	170400	50@0	DFT_QAM256	-0.10	24.99	PASS
n20	30	20	170400	50@0	DFT_QAM256	-1.50	23.71	PASS
n20	30	20	170400	50@0	DFT_QAM256	-5.50	22.36	PASS
n20	30	20	170400	50@0	DFT_QAM256	-24.50	21.50	PASS
n20	30	20	170400	50@0	DFT_QAM256	0.10	26.84	PASS
n20	30	20	170400	50@0	DFT_QAM256	1.50	23.71	PASS
n20	30	20	170400	50@0	DFT_QAM256	5.50	23.73	PASS
n20	30	20	170400	50@0	DFT_QAM256	22.50	22.98	PASS
n20	30	20	170400	1@50	CP_QPSK	-0.30	35.26	PASS
n20	30	20	170400	1@50	CP_QPSK	-1.50	32.29	PASS
n20	30	20	170400	1@50	CP_QPSK	-5.50	29.97	PASS
n20	30	20	170400	1@50	CP_QPSK	-24.50	21.50	PASS
n20	30	20	170400	1@50	CP_QPSK	0.10	13.55	PASS
n20	30	20	170400	1@50	CP_QPSK	1.50	30.29	PASS
n20	30	20	170400	1@50	CP_QPSK	5.50	30.57	PASS
n20	30	20	170400	1@50	CP_QPSK	21.50	22.88	PASS
n20	30	20	170400	51@0	CP_QPSK	-0.10	13.50	PASS
n20	30	20	170400	51@0	CP_QPSK	-1.50	30.01	PASS
n20	30	20	170400	51@0	CP_QPSK	-5.50	29.68	PASS
n20	30	20	170400	51@0	CP_QPSK	-24.50	21.17	PASS
n20	30	20	170400	51@0	CP_QPSK	0.10	36.66	PASS
n20	30	20	170400	51@0	CP_QPSK	1.50	33.19	PASS
n20	30	20	170400	51@0	CP_QPSK	5.50	32.05	PASS
n20	30	20	170400	51@0	CP_QPSK	21.50	22.79	PASS
n20	30	20	170400	1@50	CP_QAM16	-0.50	35.09	PASS
n20	30	20	170400	1@50	CP_QAM16	-1.50	32.31	PASS
n20	30	20	170400	1@50	CP_QAM16	-5.50	30.11	PASS
n20	30	20	170400	1@50	CP_QAM16	-23.50	21.78	PASS
n20	30	20	170400	1@50	CP_QAM16	0.10	12.27	PASS
n20	30	20	170400	1@50	CP_QAM16	1.50	30.28	PASS
n20	30	20	170400	1@50	CP_QAM16	5.50	30.47	PASS
n20	30	20	170400	1@50	CP_QAM16	20.50	22.85	PASS
n20	30	20	170400	51@0	CP_QAM16	-0.10	13.28	PASS

n20	30	20	170400	51@0	CP_QAM16	-1.50	30.50	PASS
n20	30	20	170400	51@0	CP_QAM16	-5.50	29.92	PASS
n20	30	20	170400	51@0	CP_QAM16	-24.50	21.16	PASS
n20	30	20	170400	51@0	CP_QAM16	0.50	36.72	PASS
n20	30	20	170400	51@0	CP_QAM16	1.50	33.31	PASS
n20	30	20	170400	51@0	CP_QAM16	5.50	31.98	PASS
n20	30	20	170400	51@0	CP_QAM16	20.50	22.73	PASS
n20	30	20	170400	1@50	CP_QAM64	-0.30	35.47	PASS
n20	30	20	170400	1@50	CP_QAM64	-1.50	32.60	PASS
n20	30	20	170400	1@50	CP_QAM64	-5.50	30.30	PASS
n20	30	20	170400	1@50	CP_QAM64	-24.50	21.51	PASS
n20	30	20	170400	1@50	CP_QAM64	0.10	14.80	PASS
n20	30	20	170400	1@50	CP_QAM64	1.50	31.10	PASS
n20	30	20	170400	1@50	CP_QAM64	7.50	30.71	PASS
n20	30	20	170400	1@50	CP_QAM64	20.50	22.86	PASS
n20	30	20	170400	51@0	CP_QAM64	-0.10	16.07	PASS
n20	30	20	170400	51@0	CP_QAM64	-1.50	31.02	PASS
n20	30	20	170400	51@0	CP_QAM64	-5.50	29.96	PASS
n20	30	20	170400	51@0	CP_QAM64	-24.50	21.25	PASS
n20	30	20	170400	51@0	CP_QAM64	0.10	37.01	PASS
n20	30	20	170400	51@0	CP_QAM64	1.50	33.67	PASS
n20	30	20	170400	51@0	CP_QAM64	5.50	32.24	PASS
n20	30	20	170400	51@0	CP_QAM64	21.50	22.80	PASS
n20	30	20	170400	1@50	CP_QAM256	-0.10	35.32	PASS
n20	30	20	170400	1@50	CP_QAM256	-1.50	32.57	PASS
n20	30	20	170400	1@50	CP_QAM256	-5.50	30.56	PASS
n20	30	20	170400	1@50	CP_QAM256	-23.50	21.67	PASS
n20	30	20	170400	1@50	CP_QAM256	0.10	15.20	PASS
n20	30	20	170400	1@50	CP_QAM256	1.50	30.92	PASS
n20	30	20	170400	1@50	CP_QAM256	5.50	30.95	PASS
n20	30	20	170400	1@50	CP_QAM256	20.50	22.79	PASS
n20	30	20	170400	51@0	CP_QAM256	-0.10	15.27	PASS
n20	30	20	170400	51@0	CP_QAM256	-1.50	30.90	PASS
n20	30	20	170400	51@0	CP_QAM256	-7.50	29.95	PASS
n20	30	20	170400	51@0	CP_QAM256	-24.50	21.33	PASS
n20	30	20	170400	51@0	CP_QAM256	0.50	36.66	PASS
n20	30	20	170400	51@0	CP_QAM256	1.50	33.69	PASS
n20	30	20	170400	51@0	CP_QAM256	5.50	32.39	PASS
n20	30	20	170400	51@0	CP_QAM256	24.50	22.95	PASS
n28	30	10	141600	1@0	DFT_BPSK	-0.05	19.48	PASS
n28	30	10	141600	1@0	DFT_BPSK	-1.50	31.28	PASS
n28	30	10	141600	1@0	DFT_BPSK	-5.50	32.44	PASS
n28	30	10	141600	1@0	DFT_BPSK	-12.50	21.55	PASS
n28	30	10	141600	1@0	DFT_BPSK	0.05	35.60	PASS

n28	30	10	141600	1@0	DFT_BPSK	1.50	31.31	PASS
n28	30	10	141600	1@0	DFT_BPSK	7.50	29.61	PASS
n28	30	10	141600	1@0	DFT_BPSK	10.50	24.76	PASS
n28	30	10	141600	24@0	DFT_BPSK	-0.05	23.61	PASS
n28	30	10	141600	24@0	DFT_BPSK	-1.50	20.08	PASS
n28	30	10	141600	24@0	DFT_BPSK	-5.50	23.66	PASS
n28	30	10	141600	24@0	DFT_BPSK	-10.50	21.25	PASS
n28	30	10	141600	24@0	DFT_BPSK	0.15	23.26	PASS
n28	30	10	141600	24@0	DFT_BPSK	1.50	18.65	PASS
n28	30	10	141600	24@0	DFT_BPSK	5.50	19.82	PASS
n28	30	10	141600	24@0	DFT_BPSK	10.50	15.26	PASS
n28	30	10	141600	1@0	DFT_QPSK	-0.05	24.06	PASS
n28	30	10	141600	1@0	DFT_QPSK	-1.50	20.19	PASS
n28	30	10	141600	1@0	DFT_QPSK	-5.50	21.73	PASS
n28	30	10	141600	1@0	DFT_QPSK	-10.50	20.12	PASS
n28	30	10	141600	1@0	DFT_QPSK	0.05	23.63	PASS
n28	30	10	141600	1@0	DFT_QPSK	1.50	18.90	PASS
n28	30	10	141600	1@0	DFT_QPSK	7.50	17.95	PASS
n28	30	10	141600	1@0	DFT_QPSK	10.50	11.73	PASS
n28	30	10	141600	24@0	DFT_QPSK	-0.05	23.91	PASS
n28	30	10	141600	24@0	DFT_QPSK	-1.50	20.14	PASS
n28	30	10	141600	24@0	DFT_QPSK	-5.50	21.56	PASS
n28	30	10	141600	24@0	DFT_QPSK	-10.50	20.09	PASS
n28	30	10	141600	24@0	DFT_QPSK	0.05	23.40	PASS
n28	30	10	141600	24@0	DFT_QPSK	1.50	18.91	PASS
n28	30	10	141600	24@0	DFT_QPSK	7.50	17.87	PASS
n28	30	10	141600	24@0	DFT_QPSK	10.50	11.76	PASS
n28	30	10	141600	1@0	DFT_QAM16	-0.05	16.43	PASS
n28	30	10	141600	1@0	DFT_QAM16	-1.50	30.30	PASS
n28	30	10	141600	1@0	DFT_QAM16	-5.50	30.78	PASS
n28	30	10	141600	1@0	DFT_QAM16	-12.50	19.48	PASS
n28	30	10	141600	1@0	DFT_QAM16	0.15	34.48	PASS
n28	30	10	141600	1@0	DFT_QAM16	1.50	31.13	PASS
n28	30	10	141600	1@0	DFT_QAM16	7.50	29.04	PASS
n28	30	10	141600	1@0	DFT_QAM16	10.50	22.04	PASS
n28	30	10	141600	24@0	DFT_QAM16	-0.05	22.87	PASS
n28	30	10	141600	24@0	DFT_QAM16	-1.50	21.29	PASS
n28	30	10	141600	24@0	DFT_QAM16	-5.50	23.16	PASS
n28	30	10	141600	24@0	DFT_QAM16	-10.50	20.59	PASS
n28	30	10	141600	24@0	DFT_QAM16	0.05	23.63	PASS
n28	30	10	141600	24@0	DFT_QAM16	1.50	19.93	PASS
n28	30	10	141600	24@0	DFT_QAM16	5.50	19.84	PASS
n28	30	10	141600	24@0	DFT_QAM16	10.50	14.32	PASS
n28	30	10	141600	1@0	DFT_QAM64	-0.05	15.76	PASS

n28	30	10	141600	1@0	DFT_QAM64	-1.50	30.56	PASS
n28	30	10	141600	1@0	DFT_QAM64	-5.50	30.87	PASS
n28	30	10	141600	1@0	DFT_QAM64	-12.50	19.52	PASS
n28	30	10	141600	1@0	DFT_QAM64	0.05	35.29	PASS
n28	30	10	141600	1@0	DFT_QAM64	1.50	31.16	PASS
n28	30	10	141600	1@0	DFT_QAM64	7.50	29.17	PASS
n28	30	10	141600	1@0	DFT_QAM64	10.50	22.09	PASS
n28	30	10	141600	24@0	DFT_QAM64	-0.05	26.07	PASS
n28	30	10	141600	24@0	DFT_QAM64	-1.50	22.30	PASS
n28	30	10	141600	24@0	DFT_QAM64	-5.50	24.24	PASS
n28	30	10	141600	24@0	DFT_QAM64	-10.50	20.93	PASS
n28	30	10	141600	24@0	DFT_QAM64	0.05	23.31	PASS
n28	30	10	141600	24@0	DFT_QAM64	1.50	21.04	PASS
n28	30	10	141600	24@0	DFT_QAM64	5.50	20.75	PASS
n28	30	10	141600	24@0	DFT_QAM64	10.50	15.57	PASS
n28	30	10	141600	1@0	DFT_QAM256	-0.05	15.78	PASS
n28	30	10	141600	1@0	DFT_QAM256	-1.50	30.34	PASS
n28	30	10	141600	1@0	DFT_QAM256	-5.50	31.04	PASS
n28	30	10	141600	1@0	DFT_QAM256	-12.50	19.37	PASS
n28	30	10	141600	1@0	DFT_QAM256	0.05	35.19	PASS
n28	30	10	141600	1@0	DFT_QAM256	1.50	31.36	PASS
n28	30	10	141600	1@0	DFT_QAM256	7.50	29.07	PASS
n28	30	10	141600	1@0	DFT_QAM256	10.50	22.04	PASS
n28	30	10	141600	24@0	DFT_QAM256	-0.05	26.16	PASS
n28	30	10	141600	24@0	DFT_QAM256	-1.50	22.26	PASS
n28	30	10	141600	24@0	DFT_QAM256	-5.50	24.21	PASS
n28	30	10	141600	24@0	DFT_QAM256	-10.50	20.90	PASS
n28	30	10	141600	24@0	DFT_QAM256	0.05	23.57	PASS
n28	30	10	141600	24@0	DFT_QAM256	1.50	21.10	PASS
n28	30	10	141600	24@0	DFT_QAM256	5.50	20.90	PASS
n28	30	10	141600	24@0	DFT_QAM256	10.50	15.62	PASS
n28	30	10	141600	1@0	CP_QPSK	-0.05	16.12	PASS
n28	30	10	141600	1@0	CP_QPSK	-1.50	30.30	PASS
n28	30	10	141600	1@0	CP_QPSK	-5.50	30.80	PASS
n28	30	10	141600	1@0	CP_QPSK	-11.50	19.32	PASS
n28	30	10	141600	1@0	CP_QPSK	0.05	34.78	PASS
n28	30	10	141600	1@0	CP_QPSK	1.50	31.28	PASS
n28	30	10	141600	1@0	CP_QPSK	7.50	29.27	PASS
n28	30	10	141600	1@0	CP_QPSK	10.50	22.10	PASS
n28	30	10	141600	24@0	CP_QPSK	-0.05	25.34	PASS
n28	30	10	141600	24@0	CP_QPSK	-1.50	22.14	PASS
n28	30	10	141600	24@0	CP_QPSK	-5.50	23.93	PASS
n28	30	10	141600	24@0	CP_QPSK	-10.50	20.78	PASS
n28	30	10	141600	24@0	CP_QPSK	0.05	23.87	PASS

n28	30	10	141600	24@0	CP_QPSK	1.50	20.59	PASS
n28	30	10	141600	24@0	CP_QPSK	5.50	20.46	PASS
n28	30	10	141600	24@0	CP_QPSK	10.50	14.89	PASS
n28	30	10	141600	1@0	CP_QAM16	-0.05	22.46	PASS
n28	30	10	141600	1@0	CP_QAM16	-1.50	18.58	PASS
n28	30	10	141600	1@0	CP_QAM16	-5.50	22.10	PASS
n28	30	10	141600	1@0	CP_QAM16	-10.50	20.94	PASS
n28	30	10	141600	1@0	CP_QAM16	0.25	22.20	PASS
n28	30	10	141600	1@0	CP_QAM16	1.50	16.53	PASS
n28	30	10	141600	1@0	CP_QAM16	5.50	18.37	PASS
n28	30	10	141600	1@0	CP_QAM16	10.50	13.56	PASS
n28	30	10	141600	24@0	CP_QAM16	-0.05	22.33	PASS
n28	30	10	141600	24@0	CP_QAM16	-1.50	18.38	PASS
n28	30	10	141600	24@0	CP_QAM16	-5.50	22.02	PASS
n28	30	10	141600	24@0	CP_QAM16	-10.50	20.86	PASS
n28	30	10	141600	24@0	CP_QAM16	0.15	21.73	PASS
n28	30	10	141600	24@0	CP_QAM16	1.50	16.11	PASS
n28	30	10	141600	24@0	CP_QAM16	5.50	18.09	PASS
n28	30	10	141600	24@0	CP_QAM16	10.50	13.68	PASS
n28	30	10	141600	1@0	CP_QAM64	-0.05	18.12	PASS
n28	30	10	141600	1@0	CP_QAM64	-1.50	30.82	PASS
n28	30	10	141600	1@0	CP_QAM64	-5.50	31.28	PASS
n28	30	10	141600	1@0	CP_QAM64	-11.50	20.18	PASS
n28	30	10	141600	1@0	CP_QAM64	0.05	35.51	PASS
n28	30	10	141600	1@0	CP_QAM64	1.50	30.78	PASS
n28	30	10	141600	1@0	CP_QAM64	7.50	29.20	PASS
n28	30	10	141600	1@0	CP_QAM64	10.50	22.27	PASS
n28	30	10	141600	24@0	CP_QAM64	-0.05	23.56	PASS
n28	30	10	141600	24@0	CP_QAM64	-1.50	20.53	PASS
n28	30	10	141600	24@0	CP_QAM64	-5.50	23.72	PASS
n28	30	10	141600	24@0	CP_QAM64	-10.50	21.23	PASS
n28	30	10	141600	24@0	CP_QAM64	0.15	24.18	PASS
n28	30	10	141600	24@0	CP_QAM64	1.50	19.07	PASS
n28	30	10	141600	24@0	CP_QAM64	5.50	20.11	PASS
n28	30	10	141600	24@0	CP_QAM64	10.50	15.75	PASS
n28	30	10	141600	1@0	CP_QAM256	-0.05	17.78	PASS
n28	30	10	141600	1@0	CP_QAM256	-1.50	30.86	PASS
n28	30	10	141600	1@0	CP_QAM256	-5.50	31.25	PASS
n28	30	10	141600	1@0	CP_QAM256	-12.50	20.16	PASS
n28	30	10	141600	1@0	CP_QAM256	0.15	35.55	PASS
n28	30	10	141600	1@0	CP_QAM256	1.50	30.84	PASS
n28	30	10	141600	1@0	CP_QAM256	7.50	29.15	PASS
n28	30	10	141600	1@0	CP_QAM256	10.50	22.29	PASS
n28	30	10	141600	24@0	CP_QAM256	-0.05	23.17	PASS

n28	30	10	141600	24@0	CP_QAM256	-1.50	20.15	PASS
n28	30	10	141600	24@0	CP_QAM256	-5.50	23.45	PASS
n28	30	10	141600	24@0	CP_QAM256	-10.50	21.25	PASS
n28	30	10	141600	24@0	CP_QAM256	0.15	23.87	PASS
n28	30	10	141600	24@0	CP_QAM256	1.50	18.67	PASS
n28	30	10	141600	24@0	CP_QAM256	5.50	19.76	PASS
n28	30	10	141600	24@0	CP_QAM256	10.50	15.46	PASS
n28	30	10	148600	1@23	DFT_BPSK	-0.05	22.24	PASS
n28	30	10	148600	1@23	DFT_BPSK	-3.50	18.25	PASS
n28	30	10	148600	1@23	DFT_BPSK	-5.50	15.83	PASS
n28	30	10	148600	1@23	DFT_BPSK	-11.50	12.88	PASS
n28	30	10	148600	1@23	DFT_BPSK	0.05	21.46	PASS
n28	30	10	148600	1@23	DFT_BPSK	1.50	20.60	PASS
n28	30	10	148600	1@23	DFT_BPSK	5.50	25.78	PASS
n28	30	10	148600	1@23	DFT_BPSK	10.50	20.42	PASS
n28	30	10	148600	24@0	DFT_BPSK	-0.05	21.99	PASS
n28	30	10	148600	24@0	DFT_BPSK	-1.50	17.79	PASS
n28	30	10	148600	24@0	DFT_BPSK	-5.50	15.19	PASS
n28	30	10	148600	24@0	DFT_BPSK	-11.50	12.83	PASS
n28	30	10	148600	24@0	DFT_BPSK	0.05	21.31	PASS
n28	30	10	148600	24@0	DFT_BPSK	1.50	20.13	PASS
n28	30	10	148600	24@0	DFT_BPSK	5.50	25.76	PASS
n28	30	10	148600	24@0	DFT_BPSK	10.50	20.34	PASS
n28	30	10	148600	1@23	DFT_QPSK	-0.05	33.63	PASS
n28	30	10	148600	1@23	DFT_QPSK	-1.50	29.94	PASS
n28	30	10	148600	1@23	DFT_QPSK	-7.50	27.16	PASS
n28	30	10	148600	1@23	DFT_QPSK	-10.50	20.88	PASS
n28	30	10	148600	1@23	DFT_QPSK	0.05	15.75	PASS
n28	30	10	148600	1@23	DFT_QPSK	1.50	29.16	PASS
n28	30	10	148600	1@23	DFT_QPSK	5.50	31.22	PASS
n28	30	10	148600	1@23	DFT_QPSK	11.50	19.03	PASS
n28	30	10	148600	24@0	DFT_QPSK	-0.05	19.31	PASS
n28	30	10	148600	24@0	DFT_QPSK	-1.50	14.14	PASS
n28	30	10	148600	24@0	DFT_QPSK	-5.50	14.02	PASS
n28	30	10	148600	24@0	DFT_QPSK	-10.50	11.89	PASS
n28	30	10	148600	24@0	DFT_QPSK	0.05	20.18	PASS
n28	30	10	148600	24@0	DFT_QPSK	1.50	15.97	PASS
n28	30	10	148600	24@0	DFT_QPSK	5.50	24.49	PASS
n28	30	10	148600	24@0	DFT_QPSK	10.50	20.31	PASS
n28	30	10	148600	1@23	DFT_QAM16	-0.15	34.60	PASS
n28	30	10	148600	1@23	DFT_QAM16	-1.50	30.20	PASS
n28	30	10	148600	1@23	DFT_QAM16	-7.50	27.67	PASS
n28	30	10	148600	1@23	DFT_QAM16	-10.50	21.03	PASS
n28	30	10	148600	1@23	DFT_QAM16	0.05	15.62	PASS

n28	30	10	148600	1@23	DFT_QAM16	1.50	29.93	PASS
n28	30	10	148600	1@23	DFT_QAM16	5.50	31.86	PASS
n28	30	10	148600	1@23	DFT_QAM16	11.50	19.81	PASS
n28	30	10	148600	24@0	DFT_QAM16	-0.05	21.79	PASS
n28	30	10	148600	24@0	DFT_QAM16	-1.50	16.96	PASS
n28	30	10	148600	24@0	DFT_QAM16	-5.50	17.06	PASS
n28	30	10	148600	24@0	DFT_QAM16	-10.50	13.37	PASS
n28	30	10	148600	24@0	DFT_QAM16	0.05	22.25	PASS
n28	30	10	148600	24@0	DFT_QAM16	1.50	18.29	PASS
n28	30	10	148600	24@0	DFT_QAM16	5.50	26.64	PASS
n28	30	10	148600	24@0	DFT_QAM16	10.50	20.85	PASS
n28	30	10	148600	1@23	DFT_QAM64	-0.15	34.71	PASS
n28	30	10	148600	1@23	DFT_QAM64	-1.50	30.53	PASS
n28	30	10	148600	1@23	DFT_QAM64	-7.50	28.24	PASS
n28	30	10	148600	1@23	DFT_QAM64	-10.50	21.32	PASS
n28	30	10	148600	1@23	DFT_QAM64	0.05	15.19	PASS
n28	30	10	148600	1@23	DFT_QAM64	1.50	30.29	PASS
n28	30	10	148600	1@23	DFT_QAM64	5.50	32.15	PASS
n28	30	10	148600	1@23	DFT_QAM64	11.50	19.95	PASS
n28	30	10	148600	24@0	DFT_QAM64	-0.05	22.14	PASS
n28	30	10	148600	24@0	DFT_QAM64	-1.50	19.05	PASS
n28	30	10	148600	24@0	DFT_QAM64	-5.50	18.50	PASS
n28	30	10	148600	24@0	DFT_QAM64	-10.50	14.11	PASS
n28	30	10	148600	24@0	DFT_QAM64	0.05	23.49	PASS
n28	30	10	148600	24@0	DFT_QAM64	1.50	19.41	PASS
n28	30	10	148600	24@0	DFT_QAM64	5.50	27.34	PASS
n28	30	10	148600	24@0	DFT_QAM64	10.50	21.40	PASS
n28	30	10	148600	1@23	DFT_QAM256	-0.05	34.69	PASS
n28	30	10	148600	1@23	DFT_QAM256	-1.50	30.58	PASS
n28	30	10	148600	1@23	DFT_QAM256	-7.50	28.10	PASS
n28	30	10	148600	1@23	DFT_QAM256	-10.50	21.08	PASS
n28	30	10	148600	1@23	DFT_QAM256	0.05	15.42	PASS
n28	30	10	148600	1@23	DFT_QAM256	1.50	30.08	PASS
n28	30	10	148600	1@23	DFT_QAM256	5.50	31.85	PASS
n28	30	10	148600	1@23	DFT_QAM256	11.50	19.81	PASS
n28	30	10	148600	24@0	DFT_QAM256	-0.05	22.03	PASS
n28	30	10	148600	24@0	DFT_QAM256	-1.50	18.85	PASS
n28	30	10	148600	24@0	DFT_QAM256	-5.50	18.34	PASS
n28	30	10	148600	24@0	DFT_QAM256	-10.50	13.97	PASS
n28	30	10	148600	24@0	DFT_QAM256	0.05	23.40	PASS
n28	30	10	148600	24@0	DFT_QAM256	1.50	19.26	PASS
n28	30	10	148600	24@0	DFT_QAM256	5.50	27.22	PASS
n28	30	10	148600	24@0	DFT_QAM256	10.50	21.35	PASS
n28	30	10	148600	1@23	CP_QPSK	-0.05	19.69	PASS

n28	30	10	148600	1@23	CP_QPSK	-1.50	13.68	PASS
n28	30	10	148600	1@23	CP_QPSK	-5.50	15.18	PASS
n28	30	10	148600	1@23	CP_QPSK	-10.50	12.88	PASS
n28	30	10	148600	1@23	CP_QPSK	0.15	20.59	PASS
n28	30	10	148600	1@23	CP_QPSK	1.50	16.07	PASS
n28	30	10	148600	1@23	CP_QPSK	5.50	26.08	PASS
n28	30	10	148600	1@23	CP_QPSK	10.50	21.57	PASS
n28	30	10	148600	24@0	CP_QPSK	-0.05	19.65	PASS
n28	30	10	148600	24@0	CP_QPSK	-1.50	13.60	PASS
n28	30	10	148600	24@0	CP_QPSK	-5.50	15.20	PASS
n28	30	10	148600	24@0	CP_QPSK	-10.50	12.97	PASS
n28	30	10	148600	24@0	CP_QPSK	0.15	20.51	PASS
n28	30	10	148600	24@0	CP_QPSK	1.50	15.99	PASS
n28	30	10	148600	24@0	CP_QPSK	5.50	26.19	PASS
n28	30	10	148600	24@0	CP_QPSK	10.50	21.56	PASS
n28	30	10	148600	1@23	CP_QAM16	-0.15	34.13	PASS
n28	30	10	148600	1@23	CP_QAM16	-1.50	29.57	PASS
n28	30	10	148600	1@23	CP_QAM16	-7.50	27.11	PASS
n28	30	10	148600	1@23	CP_QAM16	-10.50	20.96	PASS
n28	30	10	148600	1@23	CP_QAM16	0.05	16.40	PASS
n28	30	10	148600	1@23	CP_QAM16	1.50	30.05	PASS
n28	30	10	148600	1@23	CP_QAM16	5.50	32.38	PASS
n28	30	10	148600	1@23	CP_QAM16	11.50	20.40	PASS
n28	30	10	148600	24@0	CP_QAM16	-0.15	18.00	PASS
n28	30	10	148600	24@0	CP_QAM16	-1.50	12.92	PASS
n28	30	10	148600	24@0	CP_QAM16	-5.50	15.09	PASS
n28	30	10	148600	24@0	CP_QAM16	-10.50	11.95	PASS
n28	30	10	148600	24@0	CP_QAM16	0.15	19.32	PASS
n28	30	10	148600	24@0	CP_QAM16	1.50	15.29	PASS
n28	30	10	148600	24@0	CP_QAM16	5.50	25.39	PASS
n28	30	10	148600	24@0	CP_QAM16	10.50	21.37	PASS
n28	30	10	148600	1@23	CP_QAM64	-0.05	34.78	PASS
n28	30	10	148600	1@23	CP_QAM64	-1.50	30.28	PASS
n28	30	10	148600	1@23	CP_QAM64	-7.50	27.94	PASS
n28	30	10	148600	1@23	CP_QAM64	-10.50	21.15	PASS
n28	30	10	148600	1@23	CP_QAM64	0.05	19.06	PASS
n28	30	10	148600	1@23	CP_QAM64	1.50	30.29	PASS
n28	30	10	148600	1@23	CP_QAM64	5.50	32.66	PASS
n28	30	10	148600	1@23	CP_QAM64	11.50	20.63	PASS
n28	30	10	148600	24@0	CP_QAM64	-0.05	20.33	PASS
n28	30	10	148600	24@0	CP_QAM64	-1.50	15.88	PASS
n28	30	10	148600	24@0	CP_QAM64	-5.50	18.03	PASS
n28	30	10	148600	24@0	CP_QAM64	-10.50	14.37	PASS
n28	30	10	148600	24@0	CP_QAM64	0.15	21.65	PASS

n28	30	10	148600	24@0	CP_QAM64	1.50	18.03	PASS
n28	30	10	148600	24@0	CP_QAM64	5.50	28.00	PASS
n28	30	10	148600	24@0	CP_QAM64	10.50	21.85	PASS
n28	30	10	148600	1@23	CP_QAM256	-0.05	34.12	PASS
n28	30	10	148600	1@23	CP_QAM256	-1.50	30.22	PASS
n28	30	10	148600	1@23	CP_QAM256	-7.50	27.88	PASS
n28	30	10	148600	1@23	CP_QAM256	-10.50	21.15	PASS
n28	30	10	148600	1@23	CP_QAM256	0.05	19.03	PASS
n28	30	10	148600	1@23	CP_QAM256	1.50	30.55	PASS
n28	30	10	148600	1@23	CP_QAM256	5.50	32.49	PASS
n28	30	10	148600	1@23	CP_QAM256	12.50	20.58	PASS
n28	30	10	148600	24@0	CP_QAM256	-0.05	20.43	PASS
n28	30	10	148600	24@0	CP_QAM256	-1.50	16.01	PASS
n28	30	10	148600	24@0	CP_QAM256	-5.50	18.10	PASS
n28	30	10	148600	24@0	CP_QAM256	-10.50	14.45	PASS
n28	30	10	148600	24@0	CP_QAM256	0.15	21.72	PASS
n28	30	10	148600	24@0	CP_QAM256	1.50	18.05	PASS
n28	30	10	148600	24@0	CP_QAM256	5.50	27.87	PASS
n28	30	10	148600	24@0	CP_QAM256	10.50	21.85	PASS
n28	30	20	142600	1@0	DFT_BPSK	-0.10	15.03	PASS
n28	30	20	142600	1@0	DFT_BPSK	-1.50	32.46	PASS
n28	30	20	142600	1@0	DFT_BPSK	-5.50	32.83	PASS
n28	30	20	142600	1@0	DFT_BPSK	-20.50	27.58	PASS
n28	30	20	142600	1@0	DFT_BPSK	0.10	37.41	PASS
n28	30	20	142600	1@0	DFT_BPSK	1.50	34.79	PASS
n28	30	20	142600	1@0	DFT_BPSK	5.50	32.30	PASS
n28	30	20	142600	1@0	DFT_BPSK	20.50	28.33	PASS
n28	30	20	142600	50@0	DFT_BPSK	-0.30	25.49	PASS
n28	30	20	142600	50@0	DFT_BPSK	-1.50	23.83	PASS
n28	30	20	142600	50@0	DFT_BPSK	-5.50	24.07	PASS
n28	30	20	142600	50@0	DFT_BPSK	-23.50	23.45	PASS
n28	30	20	142600	50@0	DFT_BPSK	0.10	24.39	PASS
n28	30	20	142600	50@0	DFT_BPSK	2.50	21.82	PASS
n28	30	20	142600	50@0	DFT_BPSK	5.50	19.46	PASS
n28	30	20	142600	50@0	DFT_BPSK	20.50	17.72	PASS
n28	30	20	142600	1@0	DFT_QPSK	-0.10	17.31	PASS
n28	30	20	142600	1@0	DFT_QPSK	-1.50	31.38	PASS
n28	30	20	142600	1@0	DFT_QPSK	-5.50	31.54	PASS
n28	30	20	142600	1@0	DFT_QPSK	-20.50	23.50	PASS
n28	30	20	142600	1@0	DFT_QPSK	0.90	36.71	PASS
n28	30	20	142600	1@0	DFT_QPSK	2.50	33.68	PASS
n28	30	20	142600	1@0	DFT_QPSK	5.50	31.05	PASS
n28	30	20	142600	1@0	DFT_QPSK	20.50	23.73	PASS
n28	30	20	142600	50@0	DFT_QPSK	-0.30	25.65	PASS

n28	30	20	142600	50@0	DFT_QPSK	-1.50	24.03	PASS
n28	30	20	142600	50@0	DFT_QPSK	-5.50	24.00	PASS
n28	30	20	142600	50@0	DFT_QPSK	-24.50	23.43	PASS
n28	30	20	142600	50@0	DFT_QPSK	0.10	24.81	PASS
n28	30	20	142600	50@0	DFT_QPSK	1.50	21.86	PASS
n28	30	20	142600	50@0	DFT_QPSK	5.50	19.60	PASS
n28	30	20	142600	50@0	DFT_QPSK	20.50	17.57	PASS
n28	30	20	142600	1@0	DFT_QAM16	-0.10	16.55	PASS
n28	30	20	142600	1@0	DFT_QAM16	-1.50	31.93	PASS
n28	30	20	142600	1@0	DFT_QAM16	-5.50	31.51	PASS
n28	30	20	142600	1@0	DFT_QAM16	-20.50	23.41	PASS
n28	30	20	142600	1@0	DFT_QAM16	0.30	36.63	PASS
n28	30	20	142600	1@0	DFT_QAM16	1.50	33.69	PASS
n28	30	20	142600	1@0	DFT_QAM16	5.50	31.10	PASS
n28	30	20	142600	1@0	DFT_QAM16	20.50	23.72	PASS
n28	30	20	142600	50@0	DFT_QAM16	-0.30	25.81	PASS
n28	30	20	142600	50@0	DFT_QAM16	-1.50	24.16	PASS
n28	30	20	142600	50@0	DFT_QAM16	-5.50	24.15	PASS
n28	30	20	142600	50@0	DFT_QAM16	-24.50	23.55	PASS
n28	30	20	142600	50@0	DFT_QAM16	0.10	24.91	PASS
n28	30	20	142600	50@0	DFT_QAM16	2.50	22.04	PASS
n28	30	20	142600	50@0	DFT_QAM16	5.50	19.77	PASS
n28	30	20	142600	50@0	DFT_QAM16	20.50	17.77	PASS
n28	30	20	142600	1@0	DFT_QAM64	-0.10	17.42	PASS
n28	30	20	142600	1@0	DFT_QAM64	-1.50	31.79	PASS
n28	30	20	142600	1@0	DFT_QAM64	-5.50	31.44	PASS
n28	30	20	142600	1@0	DFT_QAM64	-20.50	23.46	PASS
n28	30	20	142600	1@0	DFT_QAM64	0.30	36.60	PASS
n28	30	20	142600	1@0	DFT_QAM64	1.50	33.53	PASS
n28	30	20	142600	1@0	DFT_QAM64	5.50	31.18	PASS
n28	30	20	142600	1@0	DFT_QAM64	20.50	23.88	PASS
n28	30	20	142600	50@0	DFT_QAM64	-0.30	25.78	PASS
n28	30	20	142600	50@0	DFT_QAM64	-1.50	24.12	PASS
n28	30	20	142600	50@0	DFT_QAM64	-5.50	24.03	PASS
n28	30	20	142600	50@0	DFT_QAM64	-21.50	23.44	PASS
n28	30	20	142600	50@0	DFT_QAM64	0.10	24.81	PASS
n28	30	20	142600	50@0	DFT_QAM64	2.50	21.92	PASS
n28	30	20	142600	50@0	DFT_QAM64	5.50	19.68	PASS
n28	30	20	142600	50@0	DFT_QAM64	20.50	17.71	PASS
n28	30	20	142600	1@0	DFT_QAM256	-0.10	13.95	PASS
n28	30	20	142600	1@0	DFT_QAM256	-1.50	31.40	PASS
n28	30	20	142600	1@0	DFT_QAM256	-5.50	31.26	PASS
n28	30	20	142600	1@0	DFT_QAM256	-20.50	23.43	PASS
n28	30	20	142600	1@0	DFT_QAM256	0.10	36.50	PASS

n28	30	20	142600	1@0	DFT_QAM256	1.50	33.52	PASS
n28	30	20	142600	1@0	DFT_QAM256	5.50	30.93	PASS
n28	30	20	142600	1@0	DFT_QAM256	20.50	23.98	PASS
n28	30	20	142600	50@0	DFT_QAM256	-0.30	25.85	PASS
n28	30	20	142600	50@0	DFT_QAM256	-1.50	24.19	PASS
n28	30	20	142600	50@0	DFT_QAM256	-5.50	24.31	PASS
n28	30	20	142600	50@0	DFT_QAM256	-20.50	23.32	PASS
n28	30	20	142600	50@0	DFT_QAM256	0.10	24.89	PASS
n28	30	20	142600	50@0	DFT_QAM256	2.50	22.14	PASS
n28	30	20	142600	50@0	DFT_QAM256	5.50	19.83	PASS
n28	30	20	142600	50@0	DFT_QAM256	20.50	17.35	PASS
n28	30	20	142600	1@0	CP_QPSK	-0.10	13.39	PASS
n28	30	20	142600	1@0	CP_QPSK	-1.50	30.65	PASS
n28	30	20	142600	1@0	CP_QPSK	-5.50	31.17	PASS
n28	30	20	142600	1@0	CP_QPSK	-20.50	23.35	PASS
n28	30	20	142600	1@0	CP_QPSK	0.30	36.45	PASS
n28	30	20	142600	1@0	CP_QPSK	1.50	33.32	PASS
n28	30	20	142600	1@0	CP_QPSK	5.50	30.72	PASS
n28	30	20	142600	1@0	CP_QPSK	20.50	24.00	PASS
n28	30	20	142600	51@0	CP_QPSK	-0.10	13.42	PASS
n28	30	20	142600	51@0	CP_QPSK	-1.50	30.83	PASS
n28	30	20	142600	51@0	CP_QPSK	-5.50	31.06	PASS
n28	30	20	142600	51@0	CP_QPSK	-20.50	23.31	PASS
n28	30	20	142600	51@0	CP_QPSK	0.10	36.25	PASS
n28	30	20	142600	51@0	CP_QPSK	1.50	33.23	PASS
n28	30	20	142600	51@0	CP_QPSK	5.50	30.59	PASS
n28	30	20	142600	51@0	CP_QPSK	20.50	23.70	PASS
n28	30	20	142600	1@0	CP_QAM16	-0.10	14.07	PASS
n28	30	20	142600	1@0	CP_QAM16	-1.50	30.94	PASS
n28	30	20	142600	1@0	CP_QAM16	-5.50	31.25	PASS
n28	30	20	142600	1@0	CP_QAM16	-20.50	23.44	PASS
n28	30	20	142600	1@0	CP_QAM16	0.10	36.45	PASS
n28	30	20	142600	1@0	CP_QAM16	1.50	33.17	PASS
n28	30	20	142600	1@0	CP_QAM16	5.50	30.88	PASS
n28	30	20	142600	1@0	CP_QAM16	20.50	23.73	PASS
n28	30	20	142600	51@0	CP_QAM16	-0.10	14.04	PASS
n28	30	20	142600	51@0	CP_QAM16	-1.50	31.21	PASS
n28	30	20	142600	51@0	CP_QAM16	-5.50	31.20	PASS
n28	30	20	142600	51@0	CP_QAM16	-20.50	23.41	PASS
n28	30	20	142600	51@0	CP_QAM16	0.30	36.30	PASS
n28	30	20	142600	51@0	CP_QAM16	1.50	33.43	PASS
n28	30	20	142600	51@0	CP_QAM16	5.50	30.81	PASS
n28	30	20	142600	51@0	CP_QAM16	20.50	23.80	PASS
n28	30	20	142600	1@0	CP_QAM64	-0.10	13.88	PASS

n28	30	20	142600	1@0	CP_QAM64	-1.50	31.85	PASS
n28	30	20	142600	1@0	CP_QAM64	-5.50	31.52	PASS
n28	30	20	142600	1@0	CP_QAM64	-20.50	23.43	PASS
n28	30	20	142600	1@0	CP_QAM64	0.30	36.30	PASS
n28	30	20	142600	1@0	CP_QAM64	1.50	33.68	PASS
n28	30	20	142600	1@0	CP_QAM64	5.50	31.04	PASS
n28	30	20	142600	1@0	CP_QAM64	20.50	23.94	PASS
n28	30	20	142600	51@0	CP_QAM64	-0.10	15.40	PASS
n28	30	20	142600	51@0	CP_QAM64	-1.50	31.67	PASS
n28	30	20	142600	51@0	CP_QAM64	-5.50	31.49	PASS
n28	30	20	142600	51@0	CP_QAM64	-20.50	23.06	PASS
n28	30	20	142600	51@0	CP_QAM64	0.10	36.69	PASS
n28	30	20	142600	51@0	CP_QAM64	1.50	33.59	PASS
n28	30	20	142600	51@0	CP_QAM64	5.50	31.14	PASS
n28	30	20	142600	51@0	CP_QAM64	20.50	23.76	PASS
n28	30	20	142600	1@0	CP_QAM256	-0.10	15.69	PASS
n28	30	20	142600	1@0	CP_QAM256	-1.50	31.89	PASS
n28	30	20	142600	1@0	CP_QAM256	-5.50	31.52	PASS
n28	30	20	142600	1@0	CP_QAM256	-20.50	23.44	PASS
n28	30	20	142600	1@0	CP_QAM256	0.10	36.59	PASS
n28	30	20	142600	1@0	CP_QAM256	1.50	33.68	PASS
n28	30	20	142600	1@0	CP_QAM256	5.50	31.12	PASS
n28	30	20	142600	1@0	CP_QAM256	20.50	23.71	PASS
n28	30	20	142600	51@0	CP_QAM256	-0.10	15.62	PASS
n28	30	20	142600	51@0	CP_QAM256	-1.50	31.82	PASS
n28	30	20	142600	51@0	CP_QAM256	-5.50	31.53	PASS
n28	30	20	142600	51@0	CP_QAM256	-20.50	23.36	PASS
n28	30	20	142600	51@0	CP_QAM256	0.10	36.62	PASS
n28	30	20	142600	51@0	CP_QAM256	1.50	33.53	PASS
n28	30	20	142600	51@0	CP_QAM256	5.50	31.19	PASS
n28	30	20	142600	51@0	CP_QAM256	22.50	24.02	PASS
n28	30	20	147600	1@50	DFT_BPSK	-0.30	35.62	PASS
n28	30	20	147600	1@50	DFT_BPSK	-1.50	32.93	PASS
n28	30	20	147600	1@50	DFT_BPSK	-5.50	30.79	PASS
n28	30	20	147600	1@50	DFT_BPSK	-20.50	22.94	PASS
n28	30	20	147600	1@50	DFT_BPSK	0.10	14.90	PASS
n28	30	20	147600	1@50	DFT_BPSK	1.50	31.57	PASS
n28	30	20	147600	1@50	DFT_BPSK	5.50	32.69	PASS
n28	30	20	147600	1@50	DFT_BPSK	21.50	23.37	PASS
n28	30	20	147600	50@0	DFT_BPSK	-0.10	21.73	PASS
n28	30	20	147600	50@0	DFT_BPSK	-1.50	19.45	PASS
n28	30	20	147600	50@0	DFT_BPSK	-5.50	18.60	PASS
n28	30	20	147600	50@0	DFT_BPSK	-20.50	17.79	PASS
n28	30	20	147600	50@0	DFT_BPSK	0.10	24.06	PASS

n28	30	20	147600	50@0	DFT_BPSK	1.50	21.88	PASS
n28	30	20	147600	50@0	DFT_BPSK	5.50	28.06	PASS
n28	30	20	147600	50@0	DFT_BPSK	23.50	24.06	PASS
n28	30	20	147600	1@50	DFT_QPSK	-0.90	35.34	PASS
n28	30	20	147600	1@50	DFT_QPSK	-1.50	32.42	PASS
n28	30	20	147600	1@50	DFT_QPSK	-5.50	30.45	PASS
n28	30	20	147600	1@50	DFT_QPSK	-20.50	22.88	PASS
n28	30	20	147600	1@50	DFT_QPSK	0.10	14.91	PASS
n28	30	20	147600	1@50	DFT_QPSK	1.50	31.39	PASS
n28	30	20	147600	1@50	DFT_QPSK	11.50	32.56	PASS
n28	30	20	147600	1@50	DFT_QPSK	20.50	23.59	PASS
n28	30	20	147600	50@0	DFT_QPSK	-0.30	21.55	PASS
n28	30	20	147600	50@0	DFT_QPSK	-1.50	19.44	PASS
n28	30	20	147600	50@0	DFT_QPSK	-5.50	18.62	PASS
n28	30	20	147600	50@0	DFT_QPSK	-20.50	18.14	PASS
n28	30	20	147600	50@0	DFT_QPSK	0.10	24.06	PASS
n28	30	20	147600	50@0	DFT_QPSK	1.50	22.07	PASS
n28	30	20	147600	50@0	DFT_QPSK	5.50	28.05	PASS
n28	30	20	147600	50@0	DFT_QPSK	24.50	24.05	PASS
n28	30	20	147600	1@50	DFT_QAM16	-0.10	35.46	PASS
n28	30	20	147600	1@50	DFT_QAM16	-1.50	32.66	PASS
n28	30	20	147600	1@50	DFT_QAM16	-5.50	30.66	PASS
n28	30	20	147600	1@50	DFT_QAM16	-20.50	22.73	PASS
n28	30	20	147600	1@50	DFT_QAM16	0.10	14.93	PASS
n28	30	20	147600	1@50	DFT_QAM16	1.50	31.34	PASS
n28	30	20	147600	1@50	DFT_QAM16	11.50	32.52	PASS
n28	30	20	147600	1@50	DFT_QAM16	20.50	23.55	PASS
n28	30	20	147600	50@0	DFT_QAM16	-0.30	21.59	PASS
n28	30	20	147600	50@0	DFT_QAM16	-1.50	19.30	PASS
n28	30	20	147600	50@0	DFT_QAM16	-5.50	18.58	PASS
n28	30	20	147600	50@0	DFT_QAM16	-20.50	18.23	PASS
n28	30	20	147600	50@0	DFT_QAM16	0.10	24.12	PASS
n28	30	20	147600	50@0	DFT_QAM16	1.50	22.04	PASS
n28	30	20	147600	50@0	DFT_QAM16	5.50	28.26	PASS
n28	30	20	147600	50@0	DFT_QAM16	23.50	24.06	PASS
n28	30	20	147600	1@50	DFT_QAM64	-0.30	35.63	PASS
n28	30	20	147600	1@50	DFT_QAM64	-1.50	32.64	PASS
n28	30	20	147600	1@50	DFT_QAM64	-5.50	30.72	PASS
n28	30	20	147600	1@50	DFT_QAM64	-20.50	22.93	PASS
n28	30	20	147600	1@50	DFT_QAM64	0.10	14.97	PASS
n28	30	20	147600	1@50	DFT_QAM64	1.50	31.45	PASS
n28	30	20	147600	1@50	DFT_QAM64	12.50	32.67	PASS
n28	30	20	147600	1@50	DFT_QAM64	20.50	23.36	PASS
n28	30	20	147600	50@0	DFT_QAM64	-0.30	21.62	PASS

n28	30	20	147600	50@0	DFT_QAM64	-1.50	19.40	PASS
n28	30	20	147600	50@0	DFT_QAM64	-5.50	18.70	PASS
n28	30	20	147600	50@0	DFT_QAM64	-20.50	18.19	PASS
n28	30	20	147600	50@0	DFT_QAM64	0.10	24.15	PASS
n28	30	20	147600	50@0	DFT_QAM64	1.50	22.11	PASS
n28	30	20	147600	50@0	DFT_QAM64	5.50	28.35	PASS
n28	30	20	147600	50@0	DFT_QAM64	24.50	24.07	PASS
n28	30	20	147600	1@50	DFT_QAM256	-0.10	35.47	PASS
n28	30	20	147600	1@50	DFT_QAM256	-1.50	32.69	PASS
n28	30	20	147600	1@50	DFT_QAM256	-5.50	30.64	PASS
n28	30	20	147600	1@50	DFT_QAM256	-20.50	23.04	PASS
n28	30	20	147600	1@50	DFT_QAM256	0.10	14.94	PASS
n28	30	20	147600	1@50	DFT_QAM256	1.50	31.47	PASS
n28	30	20	147600	1@50	DFT_QAM256	5.50	32.47	PASS
n28	30	20	147600	1@50	DFT_QAM256	21.50	23.38	PASS
n28	30	20	147600	50@0	DFT_QAM256	-0.10	21.53	PASS
n28	30	20	147600	50@0	DFT_QAM256	-1.50	19.26	PASS
n28	30	20	147600	50@0	DFT_QAM256	-5.50	18.37	PASS
n28	30	20	147600	50@0	DFT_QAM256	-20.50	17.87	PASS
n28	30	20	147600	50@0	DFT_QAM256	0.10	23.80	PASS
n28	30	20	147600	50@0	DFT_QAM256	1.50	21.74	PASS
n28	30	20	147600	50@0	DFT_QAM256	5.50	28.16	PASS
n28	30	20	147600	50@0	DFT_QAM256	23.50	23.94	PASS
n28	30	20	147600	1@50	CP_QPSK	-0.10	34.29	PASS
n28	30	20	147600	1@50	CP_QPSK	-1.50	31.87	PASS
n28	30	20	147600	1@50	CP_QPSK	-5.50	29.88	PASS
n28	30	20	147600	1@50	CP_QPSK	-20.50	22.84	PASS
n28	30	20	147600	1@50	CP_QPSK	0.10	13.77	PASS
n28	30	20	147600	1@50	CP_QPSK	1.50	30.49	PASS
n28	30	20	147600	1@50	CP_QPSK	11.50	32.00	PASS
n28	30	20	147600	1@50	CP_QPSK	20.50	23.46	PASS
n28	30	20	147600	51@0	CP_QPSK	-0.10	13.32	PASS
n28	30	20	147600	51@0	CP_QPSK	-1.50	30.68	PASS
n28	30	20	147600	51@0	CP_QPSK	-5.50	30.26	PASS
n28	30	20	147600	51@0	CP_QPSK	-20.50	22.90	PASS
n28	30	20	147600	51@0	CP_QPSK	0.10	37.58	PASS
n28	30	20	147600	51@0	CP_QPSK	1.50	34.91	PASS
n28	30	20	147600	51@0	CP_QPSK	5.50	35.56	PASS
n28	30	20	147600	51@0	CP_QPSK	21.50	24.22	PASS
n28	30	20	147600	1@50	CP_QAM16	-0.10	35.14	PASS
n28	30	20	147600	1@50	CP_QAM16	-1.50	32.20	PASS
n28	30	20	147600	1@50	CP_QAM16	-5.50	29.94	PASS
n28	30	20	147600	1@50	CP_QAM16	-20.50	22.87	PASS
n28	30	20	147600	1@50	CP_QAM16	0.10	13.55	PASS

n28	30	20	147600	1@50	CP_QAM16	1.50	31.01	PASS
n28	30	20	147600	1@50	CP_QAM16	12.50	32.31	PASS
n28	30	20	147600	1@50	CP_QAM16	20.50	23.51	PASS
n28	30	20	147600	51@0	CP_QAM16	-0.10	13.60	PASS
n28	30	20	147600	51@0	CP_QAM16	-1.50	30.94	PASS
n28	30	20	147600	51@0	CP_QAM16	-7.50	30.45	PASS
n28	30	20	147600	51@0	CP_QAM16	-20.50	22.93	PASS
n28	30	20	147600	51@0	CP_QAM16	0.10	37.63	PASS
n28	30	20	147600	51@0	CP_QAM16	1.50	35.20	PASS
n28	30	20	147600	51@0	CP_QAM16	5.50	35.42	PASS
n28	30	20	147600	51@0	CP_QAM16	23.50	24.00	PASS
n28	30	20	147600	1@50	CP_QAM64	-0.50	35.66	PASS
n28	30	20	147600	1@50	CP_QAM64	-1.50	32.54	PASS
n28	30	20	147600	1@50	CP_QAM64	-5.50	30.53	PASS
n28	30	20	147600	1@50	CP_QAM64	-20.50	22.91	PASS
n28	30	20	147600	1@50	CP_QAM64	0.10	14.94	PASS
n28	30	20	147600	1@50	CP_QAM64	1.50	31.35	PASS
n28	30	20	147600	1@50	CP_QAM64	5.50	32.65	PASS
n28	30	20	147600	1@50	CP_QAM64	20.50	23.46	PASS
n28	30	20	147600	51@0	CP_QAM64	-0.10	16.61	PASS
n28	30	20	147600	51@0	CP_QAM64	-1.50	31.37	PASS
n28	30	20	147600	51@0	CP_QAM64	-5.50	30.60	PASS
n28	30	20	147600	51@0	CP_QAM64	-20.50	22.87	PASS
n28	30	20	147600	51@0	CP_QAM64	0.10	37.54	PASS
n28	30	20	147600	51@0	CP_QAM64	1.50	35.39	PASS
n28	30	20	147600	51@0	CP_QAM64	5.50	35.35	PASS
n28	30	20	147600	51@0	CP_QAM64	23.50	24.14	PASS
n28	30	20	147600	1@50	CP_QAM256	-0.30	35.64	PASS
n28	30	20	147600	1@50	CP_QAM256	-1.50	32.71	PASS
n28	30	20	147600	1@50	CP_QAM256	-5.50	30.53	PASS
n28	30	20	147600	1@50	CP_QAM256	-20.50	22.99	PASS
n28	30	20	147600	1@50	CP_QAM256	0.10	14.99	PASS
n28	30	20	147600	1@50	CP_QAM256	1.50	31.36	PASS
n28	30	20	147600	1@50	CP_QAM256	5.50	32.58	PASS
n28	30	20	147600	1@50	CP_QAM256	20.50	23.40	PASS
n28	30	20	147600	51@0	CP_QAM256	-0.10	16.51	PASS
n28	30	20	147600	51@0	CP_QAM256	-1.50	31.37	PASS
n28	30	20	147600	51@0	CP_QAM256	-5.50	30.62	PASS
n28	30	20	147600	51@0	CP_QAM256	-20.50	23.00	PASS
n28	30	20	147600	51@0	CP_QAM256	0.10	37.50	PASS
n28	30	20	147600	51@0	CP_QAM256	1.50	35.31	PASS
n28	30	20	147600	51@0	CP_QAM256	5.50	35.62	PASS
n28	30	20	147600	51@0	CP_QAM256	21.50	24.14	PASS
n3	30	10	343000	1@0	DFT_BPSK	-0.05	5.65	PASS

n3	30	10	343000	1@0	DFT_BPSK	-1.5	1.27	PASS
n3	30	10	343000	1@0	DFT_BPSK	-5.5	4.54	PASS
n3	30	10	343000	1@0	DFT_BPSK	-11.5	3.09	PASS
n3	30	10	343000	1@0	DFT_BPSK	0.05	5.92	PASS
n3	30	10	343000	1@0	DFT_BPSK	1.5	0.8	PASS
n3	30	10	343000	1@0	DFT_BPSK	5.5	2.91	PASS
n3	30	10	343000	1@0	DFT_BPSK	10.5	5.23	PASS
n3	30	10	343000	24@0	DFT_BPSK	-0.05	23.79	PASS
n3	30	10	343000	24@0	DFT_BPSK	-1.5	22.11	PASS
n3	30	10	343000	24@0	DFT_BPSK	-5.5	20.75	PASS
n3	30	10	343000	24@0	DFT_BPSK	-11.5	14.78	PASS
n3	30	10	343000	24@0	DFT_BPSK	0.05	23.4	PASS
n3	30	10	343000	24@0	DFT_BPSK	1.5	21.26	PASS
n3	30	10	343000	24@0	DFT_BPSK	5.5	20.74	PASS
n3	30	10	343000	24@0	DFT_BPSK	12.5	14.4	PASS
n3	30	10	343000	1@0	DFT_QPSK	-0.05	14.5	PASS
n3	30	10	343000	1@0	DFT_QPSK	-1.5	28.76	PASS
n3	30	10	343000	1@0	DFT_QPSK	-5.5	29.31	PASS
n3	30	10	343000	1@0	DFT_QPSK	-11.5	18.13	PASS
n3	30	10	343000	1@0	DFT_QPSK	0.05	33.54	PASS
n3	30	10	343000	1@0	DFT_QPSK	3.5	29.53	PASS
n3	30	10	343000	1@0	DFT_QPSK	7.5	13.67	PASS
n3	30	10	343000	1@0	DFT_QPSK	10.5	20.8	PASS
n3	30	10	343000	24@0	DFT_QPSK	-0.15	22.43	PASS
n3	30	10	343000	24@0	DFT_QPSK	-1.5	17.74	PASS
n3	30	10	343000	24@0	DFT_QPSK	-5.5	18.2	PASS
n3	30	10	343000	24@0	DFT_QPSK	-10.5	12.76	PASS
n3	30	10	343000	24@0	DFT_QPSK	0.05	20.84	PASS
n3	30	10	343000	24@0	DFT_QPSK	1.5	16.81	PASS
n3	30	10	343000	24@0	DFT_QPSK	5.5	17.14	PASS
n3	30	10	343000	24@0	DFT_QPSK	10.5	11.77	PASS
n3	30	10	343000	1@0	DFT_QAM16	-0.05	13.27	PASS
n3	30	10	343000	1@0	DFT_QAM16	-1.5	29.2	PASS
n3	30	10	343000	1@0	DFT_QAM16	-5.5	29.58	PASS
n3	30	10	343000	1@0	DFT_QAM16	-12.5	18.67	PASS
n3	30	10	343000	1@0	DFT_QAM16	0.05	33.94	PASS
n3	30	10	343000	1@0	DFT_QAM16	3.5	30.46	PASS
n3	30	10	343000	1@0	DFT_QAM16	7.5	15.69	PASS
n3	30	10	343000	1@0	DFT_QAM16	10.5	21.12	PASS
n3	30	10	343000	24@0	DFT_QAM16	-0.05	23.41	PASS
n3	30	10	343000	24@0	DFT_QAM16	-1.5	20.52	PASS
n3	30	10	343000	24@0	DFT_QAM16	-5.5	21.2	PASS
n3	30	10	343000	24@0	DFT_QAM16	-10.5	14.16	PASS
n3	30	10	343000	24@0	DFT_QAM16	0.05	23.03	PASS

n3	30	10	343000	24@0	DFT_QAM16	1.5	19.47	PASS
n3	30	10	343000	24@0	DFT_QAM16	5.5	20.08	PASS
n3	30	10	343000	24@0	DFT_QAM16	10.5	13.44	PASS
n3	30	10	343000	1@0	DFT_QAM64	-0.05	14.85	PASS
n3	30	10	343000	1@0	DFT_QAM64	-1.5	29.71	PASS
n3	30	10	343000	1@0	DFT_QAM64	-5.5	30.01	PASS
n3	30	10	343000	1@0	DFT_QAM64	-10.5	18.91	PASS
n3	30	10	343000	1@0	DFT_QAM64	0.05	33.64	PASS
n3	30	10	343000	1@0	DFT_QAM64	3.5	30.57	PASS
n3	30	10	343000	1@0	DFT_QAM64	7.5	16.03	PASS
n3	30	10	343000	1@0	DFT_QAM64	10.5	21.21	PASS
n3	30	10	343000	24@0	DFT_QAM64	-0.05	24.89	PASS
n3	30	10	343000	24@0	DFT_QAM64	-1.5	21.2	PASS
n3	30	10	343000	24@0	DFT_QAM64	-5.5	22.09	PASS
n3	30	10	343000	24@0	DFT_QAM64	-10.5	15.1	PASS
n3	30	10	343000	24@0	DFT_QAM64	0.05	23.51	PASS
n3	30	10	343000	24@0	DFT_QAM64	1.5	20.23	PASS
n3	30	10	343000	24@0	DFT_QAM64	5.5	20.96	PASS
n3	30	10	343000	24@0	DFT_QAM64	10.5	14.63	PASS
n3	30	10	343000	1@0	DFT_QAM256	-0.05	14.97	PASS
n3	30	10	343000	1@0	DFT_QAM256	-1.5	29.85	PASS
n3	30	10	343000	1@0	DFT_QAM256	-5.5	30	PASS
n3	30	10	343000	1@0	DFT_QAM256	-10.5	18.96	PASS
n3	30	10	343000	1@0	DFT_QAM256	0.15	34.45	PASS
n3	30	10	343000	1@0	DFT_QAM256	3.5	30.6	PASS
n3	30	10	343000	1@0	DFT_QAM256	7.5	16.06	PASS
n3	30	10	343000	1@0	DFT_QAM256	10.5	21.15	PASS
n3	30	10	343000	24@0	DFT_QAM256	-0.05	25	PASS
n3	30	10	343000	24@0	DFT_QAM256	-1.5	21.08	PASS
n3	30	10	343000	24@0	DFT_QAM256	-5.5	22.08	PASS
n3	30	10	343000	24@0	DFT_QAM256	-10.5	15.01	PASS
n3	30	10	343000	24@0	DFT_QAM256	0.05	23.49	PASS
n3	30	10	343000	24@0	DFT_QAM256	1.5	20.26	PASS
n3	30	10	343000	24@0	DFT_QAM256	5.5	20.95	PASS
n3	30	10	343000	24@0	DFT_QAM256	10.5	14.64	PASS
n3	30	10	343000	1@0	CP_QPSK	-0.05	14.93	PASS
n3	30	10	343000	1@0	CP_QPSK	-1.5	29.73	PASS
n3	30	10	343000	1@0	CP_QPSK	-5.5	30.09	PASS
n3	30	10	343000	1@0	CP_QPSK	-11.5	18.88	PASS
n3	30	10	343000	1@0	CP_QPSK	0.05	34.32	PASS
n3	30	10	343000	1@0	CP_QPSK	1.5	30.48	PASS
n3	30	10	343000	1@0	CP_QPSK	7.5	15.97	PASS
n3	30	10	343000	1@0	CP_QPSK	10.5	21.22	PASS
n3	30	10	343000	24@0	CP_QPSK	-0.05	25.45	PASS

n3	30	10	343000	24@0	CP_QPSK	-1.5	22.61	PASS
n3	30	10	343000	24@0	CP_QPSK	-5.5	22.58	PASS
n3	30	10	343000	24@0	CP_QPSK	-10.5	15.02	PASS
n3	30	10	343000	24@0	CP_QPSK	0.05	24.04	PASS
n3	30	10	343000	24@0	CP_QPSK	1.5	22.05	PASS
n3	30	10	343000	24@0	CP_QPSK	5.5	21.8	PASS
n3	30	10	343000	24@0	CP_QPSK	10.5	14.44	PASS
n3	30	10	343000	1@0	CP_QAM16	-0.05	16.19	PASS
n3	30	10	343000	1@0	CP_QAM16	-1.5	29.76	PASS
n3	30	10	343000	1@0	CP_QAM16	-5.5	29.9	PASS
n3	30	10	343000	1@0	CP_QAM16	-10.5	18.92	PASS
n3	30	10	343000	1@0	CP_QAM16	0.05	34.18	PASS
n3	30	10	343000	1@0	CP_QAM16	3.5	30.59	PASS
n3	30	10	343000	1@0	CP_QAM16	7.5	15.86	PASS
n3	30	10	343000	1@0	CP_QAM16	10.5	21.06	PASS
n3	30	10	343000	24@0	CP_QAM16	-0.05	25.42	PASS
n3	30	10	343000	24@0	CP_QAM16	-1.5	22.7	PASS
n3	30	10	343000	24@0	CP_QAM16	-5.5	22.75	PASS
n3	30	10	343000	24@0	CP_QAM16	-10.5	15.15	PASS
n3	30	10	343000	24@0	CP_QAM16	0.05	23.58	PASS
n3	30	10	343000	24@0	CP_QAM16	1.5	22.05	PASS
n3	30	10	343000	24@0	CP_QAM16	5.5	22.01	PASS
n3	30	10	343000	24@0	CP_QAM16	10.5	14.49	PASS
n3	30	10	343000	1@0	CP_QAM64	-0.05	16.18	PASS
n3	30	10	343000	1@0	CP_QAM64	-1.5	29.8	PASS
n3	30	10	343000	1@0	CP_QAM64	-5.5	29.88	PASS
n3	30	10	343000	1@0	CP_QAM64	-11.5	18.79	PASS
n3	30	10	343000	1@0	CP_QAM64	0.05	34.16	PASS
n3	30	10	343000	1@0	CP_QAM64	3.5	30.44	PASS
n3	30	10	343000	1@0	CP_QAM64	7.5	15.96	PASS
n3	30	10	343000	1@0	CP_QAM64	10.5	21.12	PASS
n3	30	10	343000	24@0	CP_QAM64	-0.05	23.4	PASS
n3	30	10	343000	24@0	CP_QAM64	-1.5	20.12	PASS
n3	30	10	343000	24@0	CP_QAM64	-5.5	21.19	PASS
n3	30	10	343000	24@0	CP_QAM64	-10.5	14.85	PASS
n3	30	10	343000	24@0	CP_QAM64	0.05	23.13	PASS
n3	30	10	343000	24@0	CP_QAM64	1.5	18.33	PASS
n3	30	10	343000	24@0	CP_QAM64	5.5	19.59	PASS
n3	30	10	343000	24@0	CP_QAM64	10.5	14.36	PASS
n3	30	10	343000	1@0	CP_QAM256	-0.05	16.06	PASS
n3	30	10	343000	1@0	CP_QAM256	-1.5	29.96	PASS
n3	30	10	343000	1@0	CP_QAM256	-5.5	30.03	PASS
n3	30	10	343000	1@0	CP_QAM256	-10.5	19.09	PASS
n3	30	10	343000	1@0	CP_QAM256	0.05	34.68	PASS

n3	30	10	343000	1@0	CP_QAM256	1.5	30	PASS
n3	30	10	343000	1@0	CP_QAM256	7.5	17.53	PASS
n3	30	10	343000	1@0	CP_QAM256	10.5	21.1	PASS
n3	30	10	343000	24@0	CP_QAM256	-0.05	23.57	PASS
n3	30	10	343000	24@0	CP_QAM256	-1.5	20.24	PASS
n3	30	10	343000	24@0	CP_QAM256	-5.5	21.37	PASS
n3	30	10	343000	24@0	CP_QAM256	-10.5	14.96	PASS
n3	30	10	343000	24@0	CP_QAM256	0.05	23.15	PASS
n3	30	10	343000	24@0	CP_QAM256	1.5	18.44	PASS
n3	30	10	343000	24@0	CP_QAM256	5.5	19.68	PASS
n3	30	10	343000	24@0	CP_QAM256	10.5	14.42	PASS
n3	30	10	356000	1@23	DFT_BPSK	-0.05	35.4	PASS
n3	30	10	356000	1@23	DFT_BPSK	-1.5	31.13	PASS
n3	30	10	356000	1@23	DFT_BPSK	-7.5	17.5	PASS
n3	30	10	356000	1@23	DFT_BPSK	-10.5	21.23	PASS
n3	30	10	356000	1@23	DFT_BPSK	0.05	19.59	PASS
n3	30	10	356000	1@23	DFT_BPSK	1.5	30.86	PASS
n3	30	10	356000	1@23	DFT_BPSK	5.5	30.99	PASS
n3	30	10	356000	1@23	DFT_BPSK	12.5	20.35	PASS
n3	30	10	356000	24@0	DFT_BPSK	-0.05	23.48	PASS
n3	30	10	356000	24@0	DFT_BPSK	-1.5	19.3	PASS
n3	30	10	356000	24@0	DFT_BPSK	-5.5	20.49	PASS
n3	30	10	356000	24@0	DFT_BPSK	-10.5	14.95	PASS
n3	30	10	356000	24@0	DFT_BPSK	0.05	23.94	PASS
n3	30	10	356000	24@0	DFT_BPSK	1.5	19.95	PASS
n3	30	10	356000	24@0	DFT_BPSK	5.5	22.08	PASS
n3	30	10	356000	24@0	DFT_BPSK	10.5	17.72	PASS
n3	30	10	356000	1@23	DFT_QPSK	-0.15	35.7	PASS
n3	30	10	356000	1@23	DFT_QPSK	-1.5	31.14	PASS
n3	30	10	356000	1@23	DFT_QPSK	-7.5	17.39	PASS
n3	30	10	356000	1@23	DFT_QPSK	-10.5	20.99	PASS
n3	30	10	356000	1@23	DFT_QPSK	0.05	19.4	PASS
n3	30	10	356000	1@23	DFT_QPSK	1.5	30.92	PASS
n3	30	10	356000	1@23	DFT_QPSK	5.5	30.9	PASS
n3	30	10	356000	1@23	DFT_QPSK	11.5	20.2	PASS
n3	30	10	356000	24@0	DFT_QPSK	-0.05	23.36	PASS
n3	30	10	356000	24@0	DFT_QPSK	-1.5	19.24	PASS
n3	30	10	356000	24@0	DFT_QPSK	-5.5	20.61	PASS
n3	30	10	356000	24@0	DFT_QPSK	-10.5	15.04	PASS
n3	30	10	356000	24@0	DFT_QPSK	0.05	24	PASS
n3	30	10	356000	24@0	DFT_QPSK	1.5	20.02	PASS
n3	30	10	356000	24@0	DFT_QPSK	5.5	22.17	PASS
n3	30	10	356000	24@0	DFT_QPSK	10.5	17.88	PASS
n3	30	10	356000	1@23	DFT_QAM16	-0.05	35.5	PASS

n3	30	10	356000	1@23	DFT_QAM16	-1.5	30.98	PASS
n3	30	10	356000	1@23	DFT_QAM16	-7.5	17.41	PASS
n3	30	10	356000	1@23	DFT_QAM16	-10.5	21.14	PASS
n3	30	10	356000	1@23	DFT_QAM16	0.05	19.5	PASS
n3	30	10	356000	1@23	DFT_QAM16	1.5	30.75	PASS
n3	30	10	356000	1@23	DFT_QAM16	5.5	30.82	PASS
n3	30	10	356000	1@23	DFT_QAM16	10.5	20.31	PASS
n3	30	10	356000	24@0	DFT_QAM16	-0.05	23.12	PASS
n3	30	10	356000	24@0	DFT_QAM16	-1.5	18.9	PASS
n3	30	10	356000	24@0	DFT_QAM16	-5.5	20.14	PASS
n3	30	10	356000	24@0	DFT_QAM16	-10.5	14.94	PASS
n3	30	10	356000	24@0	DFT_QAM16	0.05	23.69	PASS
n3	30	10	356000	24@0	DFT_QAM16	1.5	19.53	PASS
n3	30	10	356000	24@0	DFT_QAM16	5.5	22.03	PASS
n3	30	10	356000	24@0	DFT_QAM16	10.5	17.63	PASS
n3	30	10	356000	1@23	DFT_QAM64	-0.15	35.43	PASS
n3	30	10	356000	1@23	DFT_QAM64	-1.5	31.02	PASS
n3	30	10	356000	1@23	DFT_QAM64	-7.5	17.45	PASS
n3	30	10	356000	1@23	DFT_QAM64	-10.5	21.18	PASS
n3	30	10	356000	1@23	DFT_QAM64	0.05	19.44	PASS
n3	30	10	356000	1@23	DFT_QAM64	1.5	30.82	PASS
n3	30	10	356000	1@23	DFT_QAM64	5.5	31	PASS
n3	30	10	356000	1@23	DFT_QAM64	11.5	20.36	PASS
n3	30	10	356000	24@0	DFT_QAM64	-0.05	23.04	PASS
n3	30	10	356000	24@0	DFT_QAM64	-1.5	18.95	PASS
n3	30	10	356000	24@0	DFT_QAM64	-5.5	20.46	PASS
n3	30	10	356000	24@0	DFT_QAM64	-10.5	15.01	PASS
n3	30	10	356000	24@0	DFT_QAM64	0.05	23.83	PASS
n3	30	10	356000	24@0	DFT_QAM64	1.5	19.78	PASS
n3	30	10	356000	24@0	DFT_QAM64	5.5	22.04	PASS
n3	30	10	356000	24@0	DFT_QAM64	10.5	17.81	PASS
n3	30	10	356000	1@23	DFT_QAM256	-0.05	22.56	PASS
n3	30	10	356000	1@23	DFT_QAM256	-1.5	27.47	PASS
n3	30	10	356000	1@23	DFT_QAM256	-5.5	30.67	PASS
n3	30	10	356000	1@23	DFT_QAM256	-10.5	22.41	PASS
n3	30	10	356000	1@23	DFT_QAM256	0.05	42.22	PASS
n3	30	10	356000	1@23	DFT_QAM256	1.5	36.19	PASS
n3	30	10	356000	1@23	DFT_QAM256	7.5	30.68	PASS
n3	30	10	356000	1@23	DFT_QAM256	14.5	23.81	PASS
n3	30	10	356000	24@0	DFT_QAM256	-0.05	23.1	PASS
n3	30	10	356000	24@0	DFT_QAM256	-1.5	27.86	PASS
n3	30	10	356000	24@0	DFT_QAM256	-5.5	30.87	PASS
n3	30	10	356000	24@0	DFT_QAM256	-10.5	22.46	PASS
n3	30	10	356000	24@0	DFT_QAM256	0.15	41.09	PASS

n3	30	10	356000	24@0	DFT_QAM256	1.5	36.11	PASS
n3	30	10	356000	24@0	DFT_QAM256	7.5	30.07	PASS
n3	30	10	356000	24@0	DFT_QAM256	14.5	23.74	PASS
n3	30	10	356000	1@23	CP_QPSK	-0.05	34.92	PASS
n3	30	10	356000	1@23	CP_QPSK	-1.5	30.56	PASS
n3	30	10	356000	1@23	CP_QPSK	-7.5	16.55	PASS
n3	30	10	356000	1@23	CP_QPSK	-10.5	21.1	PASS
n3	30	10	356000	1@23	CP_QPSK	0.05	16.21	PASS
n3	30	10	356000	1@23	CP_QPSK	1.5	30.31	PASS
n3	30	10	356000	1@23	CP_QPSK	5.5	30.53	PASS
n3	30	10	356000	1@23	CP_QPSK	11.5	20.11	PASS
n3	30	10	356000	24@0	CP_QPSK	-0.05	20.71	PASS
n3	30	10	356000	24@0	CP_QPSK	-1.5	15.66	PASS
n3	30	10	356000	24@0	CP_QPSK	-5.5	17.78	PASS
n3	30	10	356000	24@0	CP_QPSK	-10.5	13.7	PASS
n3	30	10	356000	24@0	CP_QPSK	0.05	21.87	PASS
n3	30	10	356000	24@0	CP_QPSK	1.5	17.01	PASS
n3	30	10	356000	24@0	CP_QPSK	5.5	20.24	PASS
n3	30	10	356000	24@0	CP_QPSK	10.5	17.15	PASS
n3	30	10	356000	1@23	CP_QAM16	-0.05	34.78	PASS
n3	30	10	356000	1@23	CP_QAM16	-1.5	30.65	PASS
n3	30	10	356000	1@23	CP_QAM16	-7.5	17.68	PASS
n3	30	10	356000	1@23	CP_QAM16	-10.5	21	PASS
n3	30	10	356000	1@23	CP_QAM16	0.05	15.38	PASS
n3	30	10	356000	1@23	CP_QAM16	1.5	30.21	PASS
n3	30	10	356000	1@23	CP_QAM16	5.5	30.44	PASS
n3	30	10	356000	1@23	CP_QAM16	11.5	20.04	PASS
n3	30	10	356000	24@0	CP_QAM16	-0.05	20.82	PASS
n3	30	10	356000	24@0	CP_QAM16	-1.5	16.05	PASS
n3	30	10	356000	24@0	CP_QAM16	-5.5	18.59	PASS
n3	30	10	356000	24@0	CP_QAM16	-10.5	14.06	PASS
n3	30	10	356000	24@0	CP_QAM16	0.05	21.89	PASS
n3	30	10	356000	24@0	CP_QAM16	1.5	17.36	PASS
n3	30	10	356000	24@0	CP_QAM16	5.5	20.85	PASS
n3	30	10	356000	24@0	CP_QAM16	10.5	17.12	PASS
n3	30	10	356000	1@23	CP_QAM64	-0.05	35.54	PASS
n3	30	10	356000	1@23	CP_QAM64	-1.5	30.98	PASS
n3	30	10	356000	1@23	CP_QAM64	-7.5	17.38	PASS
n3	30	10	356000	1@23	CP_QAM64	-10.5	21.23	PASS
n3	30	10	356000	1@23	CP_QAM64	0.05	19.51	PASS
n3	30	10	356000	1@23	CP_QAM64	1.5	30.98	PASS
n3	30	10	356000	1@23	CP_QAM64	5.5	31.07	PASS
n3	30	10	356000	1@23	CP_QAM64	11.5	20.3	PASS
n3	30	10	356000	24@0	CP_QAM64	-0.05	22.65	PASS

n3	30	10	356000	24@0	CP_QAM64	-1.5	18.54	PASS
n3	30	10	356000	24@0	CP_QAM64	-5.5	20.31	PASS
n3	30	10	356000	24@0	CP_QAM64	-10.5	14.99	PASS
n3	30	10	356000	24@0	CP_QAM64	0.05	23.52	PASS
n3	30	10	356000	24@0	CP_QAM64	1.5	19.38	PASS
n3	30	10	356000	24@0	CP_QAM64	5.5	22.13	PASS
n3	30	10	356000	24@0	CP_QAM64	10.5	17.98	PASS
n3	30	10	356000	1@23	CP_QAM256	-0.15	34.91	PASS
n3	30	10	356000	1@23	CP_QAM256	-1.5	30.8	PASS
n3	30	10	356000	1@23	CP_QAM256	-7.5	17.2	PASS
n3	30	10	356000	1@23	CP_QAM256	-10.5	21.23	PASS
n3	30	10	356000	1@23	CP_QAM256	0.05	19.37	PASS
n3	30	10	356000	1@23	CP_QAM256	1.5	30.8	PASS
n3	30	10	356000	1@23	CP_QAM256	5.5	30.88	PASS
n3	30	10	356000	1@23	CP_QAM256	11.5	20.26	PASS
n3	30	10	356000	24@0	CP_QAM256	-0.05	22.77	PASS
n3	30	10	356000	24@0	CP_QAM256	-1.5	18.57	PASS
n3	30	10	356000	24@0	CP_QAM256	-5.5	20.23	PASS
n3	30	10	356000	24@0	CP_QAM256	-10.5	14.95	PASS
n3	30	10	356000	24@0	CP_QAM256	0.05	23.49	PASS
n3	30	10	356000	24@0	CP_QAM256	1.5	19.39	PASS
n3	30	10	356000	24@0	CP_QAM256	5.5	22.08	PASS
n3	30	10	356000	24@0	CP_QAM256	10.5	18.09	PASS
n3	30	30	345000	1@0	DFT_BPSK	-0.15	10.21	PASS
n3	30	30	345000	1@0	DFT_BPSK	-1.50	28.48	PASS
n3	30	30	345000	1@0	DFT_BPSK	-10.50	28.91	PASS
n3	30	30	345000	1@0	DFT_BPSK	-30.50	26.35	PASS
n3	30	30	345000	1@0	DFT_BPSK	0.15	36.79	PASS
n3	30	30	345000	1@0	DFT_BPSK	1.50	35.29	PASS
n3	30	30	345000	1@0	DFT_BPSK	26.50	14.30	PASS
n3	30	30	345000	1@0	DFT_BPSK	30.50	25.64	PASS
n3	30	30	345000	75@0	DFT_BPSK	-0.15	25.81	PASS
n3	30	30	345000	75@0	DFT_BPSK	-1.50	28.39	PASS
n3	30	30	345000	75@0	DFT_BPSK	-9.50	26.46	PASS
n3	30	30	345000	75@0	DFT_BPSK	-30.50	21.78	PASS
n3	30	30	345000	75@0	DFT_BPSK	0.15	29.91	PASS
n3	30	30	345000	75@0	DFT_BPSK	1.50	28.49	PASS
n3	30	30	345000	75@0	DFT_BPSK	10.50	24.84	PASS
n3	30	30	345000	75@0	DFT_BPSK	30.50	19.86	PASS
n3	30	30	345000	1@0	DFT_QPSK	-0.15	11.74	PASS
n3	30	30	345000	1@0	DFT_QPSK	-1.50	28.79	PASS
n3	30	30	345000	1@0	DFT_QPSK	-12.50	28.25	PASS
n3	30	30	345000	1@0	DFT_QPSK	-33.50	21.71	PASS
n3	30	30	345000	1@0	DFT_QPSK	0.15	35.44	PASS

n3	30	30	345000	1@0	DFT_QPSK	1.50	33.62	PASS
n3	30	30	345000	1@0	DFT_QPSK	26.50	14.04	PASS
n3	30	30	345000	1@0	DFT_QPSK	30.50	22.38	PASS
n3	30	30	345000	75@0	DFT_QPSK	-0.15	23.94	PASS
n3	30	30	345000	75@0	DFT_QPSK	-1.50	24.22	PASS
n3	30	30	345000	75@0	DFT_QPSK	-5.50	22.12	PASS
n3	30	30	345000	75@0	DFT_QPSK	-32.50	21.90	PASS
n3	30	30	345000	75@0	DFT_QPSK	0.15	25.53	PASS
n3	30	30	345000	75@0	DFT_QPSK	2.50	23.98	PASS
n3	30	30	345000	75@0	DFT_QPSK	5.50	21.20	PASS
n3	30	30	345000	75@0	DFT_QPSK	30.50	16.92	PASS
n3	30	30	345000	1@0	DFT_QAM16	-0.15	10.34	PASS
n3	30	30	345000	1@0	DFT_QAM16	-1.50	28.50	PASS
n3	30	30	345000	1@0	DFT_QAM16	-10.50	28.92	PASS
n3	30	30	345000	1@0	DFT_QAM16	-30.50	21.73	PASS
n3	30	30	345000	1@0	DFT_QAM16	0.15	35.57	PASS
n3	30	30	345000	1@0	DFT_QAM16	1.50	33.96	PASS
n3	30	30	345000	1@0	DFT_QAM16	26.50	15.97	PASS
n3	30	30	345000	1@0	DFT_QAM16	30.50	22.42	PASS
n3	30	30	345000	75@0	DFT_QAM16	-0.15	26.19	PASS
n3	30	30	345000	75@0	DFT_QAM16	-1.50	26.90	PASS
n3	30	30	345000	75@0	DFT_QAM16	-5.50	24.99	PASS
n3	30	30	345000	75@0	DFT_QAM16	-30.50	21.91	PASS
n3	30	30	345000	75@0	DFT_QAM16	0.45	28.42	PASS
n3	30	30	345000	75@0	DFT_QAM16	1.50	26.79	PASS
n3	30	30	345000	75@0	DFT_QAM16	6.50	24.57	PASS
n3	30	30	345000	75@0	DFT_QAM16	30.50	18.82	PASS
n3	30	30	345000	1@0	DFT_QAM64	-0.15	12.02	PASS
n3	30	30	345000	1@0	DFT_QAM64	-1.50	29.22	PASS
n3	30	30	345000	1@0	DFT_QAM64	-12.50	29.23	PASS
n3	30	30	345000	1@0	DFT_QAM64	-30.50	21.43	PASS
n3	30	30	345000	1@0	DFT_QAM64	0.15	35.79	PASS
n3	30	30	345000	1@0	DFT_QAM64	1.50	34.18	PASS
n3	30	30	345000	1@0	DFT_QAM64	26.50	16.39	PASS
n3	30	30	345000	1@0	DFT_QAM64	30.50	22.46	PASS
n3	30	30	345000	75@0	DFT_QAM64	-0.15	26.96	PASS
n3	30	30	345000	75@0	DFT_QAM64	-1.50	27.70	PASS
n3	30	30	345000	75@0	DFT_QAM64	-5.50	25.68	PASS
n3	30	30	345000	75@0	DFT_QAM64	-34.50	21.94	PASS
n3	30	30	345000	75@0	DFT_QAM64	0.15	29.27	PASS
n3	30	30	345000	75@0	DFT_QAM64	1.50	27.51	PASS
n3	30	30	345000	75@0	DFT_QAM64	5.50	25.14	PASS
n3	30	30	345000	75@0	DFT_QAM64	30.50	19.31	PASS
n3	30	30	345000	1@0	DFT_QAM256	-0.15	12.02	PASS

n3	30	30	345000	1@0	DFT_QAM256	-1.50	29.41	PASS
n3	30	30	345000	1@0	DFT_QAM256	-10.50	29.24	PASS
n3	30	30	345000	1@0	DFT_QAM256	-30.50	21.59	PASS
n3	30	30	345000	1@0	DFT_QAM256	0.15	35.65	PASS
n3	30	30	345000	1@0	DFT_QAM256	1.50	34.12	PASS
n3	30	30	345000	1@0	DFT_QAM256	26.50	16.48	PASS
n3	30	30	345000	1@0	DFT_QAM256	30.50	22.48	PASS
n3	30	30	345000	75@0	DFT_QAM256	-0.15	27.03	PASS
n3	30	30	345000	75@0	DFT_QAM256	-1.50	28.10	PASS
n3	30	30	345000	75@0	DFT_QAM256	-6.50	25.94	PASS
n3	30	30	345000	75@0	DFT_QAM256	-34.50	21.95	PASS
n3	30	30	345000	75@0	DFT_QAM256	0.15	29.48	PASS
n3	30	30	345000	75@0	DFT_QAM256	1.50	27.90	PASS
n3	30	30	345000	75@0	DFT_QAM256	5.50	25.61	PASS
n3	30	30	345000	75@0	DFT_QAM256	30.50	19.39	PASS
n3	30	30	345000	1@0	CP_QPSK	-0.15	12.01	PASS
n3	30	30	345000	1@0	CP_QPSK	-1.50	29.43	PASS
n3	30	30	345000	1@0	CP_QPSK	-10.50	29.31	PASS
n3	30	30	345000	1@0	CP_QPSK	-34.50	21.79	PASS
n3	30	30	345000	1@0	CP_QPSK	0.15	35.84	PASS
n3	30	30	345000	1@0	CP_QPSK	1.50	34.25	PASS
n3	30	30	345000	1@0	CP_QPSK	26.50	16.52	PASS
n3	30	30	345000	1@0	CP_QPSK	30.50	22.47	PASS
n3	30	30	345000	78@0	CP_QPSK	-0.15	11.96	PASS
n3	30	30	345000	78@0	CP_QPSK	-1.50	29.28	PASS
n3	30	30	345000	78@0	CP_QPSK	-10.50	29.24	PASS
n3	30	30	345000	78@0	CP_QPSK	-33.50	21.61	PASS
n3	30	30	345000	78@0	CP_QPSK	0.15	35.77	PASS
n3	30	30	345000	78@0	CP_QPSK	1.50	34.06	PASS
n3	30	30	345000	78@0	CP_QPSK	26.50	16.46	PASS
n3	30	30	345000	78@0	CP_QPSK	31.50	22.57	PASS
n3	30	30	345000	1@0	CP_QAM16	-0.15	12.01	PASS
n3	30	30	345000	1@0	CP_QAM16	-1.50	29.82	PASS
n3	30	30	345000	1@0	CP_QAM16	-12.50	30.38	PASS
n3	30	30	345000	1@0	CP_QAM16	-30.50	26.32	PASS
n3	30	30	345000	1@0	CP_QAM16	0.15	37.17	PASS
n3	30	30	345000	1@0	CP_QAM16	1.50	35.66	PASS
n3	30	30	345000	1@0	CP_QAM16	26.50	16.54	PASS
n3	30	30	345000	1@0	CP_QAM16	30.50	25.82	PASS
n3	30	30	345000	78@0	CP_QAM16	-0.15	20.54	PASS
n3	30	30	345000	78@0	CP_QAM16	-1.50	30.68	PASS
n3	30	30	345000	78@0	CP_QAM16	-5.50	32.12	PASS
n3	30	30	345000	78@0	CP_QAM16	-30.50	22.72	PASS
n3	30	30	345000	78@0	CP_QAM16	0.75	39.45	PASS

n3	30	30	345000	78@0	CP_QAM16	2.50	37.86	PASS
n3	30	30	345000	78@0	CP_QAM16	26.50	24.07	PASS
n3	30	30	345000	78@0	CP_QAM16	30.50	23.89	PASS
n3	30	30	345000	1@0	CP_QAM64	-0.15	11.99	PASS
n3	30	30	345000	1@0	CP_QAM64	-1.50	29.42	PASS
n3	30	30	345000	1@0	CP_QAM64	-10.50	29.14	PASS
n3	30	30	345000	1@0	CP_QAM64	-34.50	21.61	PASS
n3	30	30	345000	1@0	CP_QAM64	0.15	35.97	PASS
n3	30	30	345000	1@0	CP_QAM64	1.50	34.21	PASS
n3	30	30	345000	1@0	CP_QAM64	26.50	16.38	PASS
n3	30	30	345000	1@0	CP_QAM64	30.50	22.52	PASS
n3	30	30	345000	78@0	CP_QAM64	-0.15	20.69	PASS
n3	30	30	345000	78@0	CP_QAM64	-1.50	30.46	PASS
n3	30	30	345000	78@0	CP_QAM64	-5.50	32.45	PASS
n3	30	30	345000	78@0	CP_QAM64	-30.50	22.74	PASS
n3	30	30	345000	78@0	CP_QAM64	0.15	39.80	PASS
n3	30	30	345000	78@0	CP_QAM64	3.50	37.95	PASS
n3	30	30	345000	78@0	CP_QAM64	26.50	23.75	PASS
n3	30	30	345000	78@0	CP_QAM64	30.50	24.17	PASS
n3	30	30	345000	1@0	CP_QAM256	-0.15	12.02	PASS
n3	30	30	345000	1@0	CP_QAM256	-1.50	29.41	PASS
n3	30	30	345000	1@0	CP_QAM256	-10.50	29.19	PASS
n3	30	30	345000	1@0	CP_QAM256	-30.50	21.67	PASS
n3	30	30	345000	1@0	CP_QAM256	0.15	35.62	PASS
n3	30	30	345000	1@0	CP_QAM256	1.50	34.25	PASS
n3	30	30	345000	1@0	CP_QAM256	26.50	16.59	PASS
n3	30	30	345000	1@0	CP_QAM256	30.50	22.54	PASS
n3	30	30	345000	78@0	CP_QAM256	-0.15	20.54	PASS
n3	30	30	345000	78@0	CP_QAM256	-1.50	30.54	PASS
n3	30	30	345000	78@0	CP_QAM256	-5.50	32.20	PASS
n3	30	30	345000	78@0	CP_QAM256	-34.50	22.78	PASS
n3	30	30	345000	78@0	CP_QAM256	0.45	39.62	PASS
n3	30	30	345000	78@0	CP_QAM256	2.50	37.80	PASS
n3	30	30	345000	78@0	CP_QAM256	26.50	24.09	PASS
n3	30	30	345000	78@0	CP_QAM256	30.50	24.10	PASS
n3	30	30	354000	1@77	DFT_BPSK	-0.15	35.73	PASS
n3	30	30	354000	1@77	DFT_BPSK	-1.50	34.01	PASS
n3	30	30	354000	1@77	DFT_BPSK	-26.50	17.67	PASS
n3	30	30	354000	1@77	DFT_BPSK	-34.50	21.31	PASS
n3	30	30	354000	1@77	DFT_BPSK	0.15	11.25	PASS
n3	30	30	354000	1@77	DFT_BPSK	1.50	29.86	PASS
n3	30	30	354000	1@77	DFT_BPSK	10.50	31.13	PASS
n3	30	30	354000	1@77	DFT_BPSK	30.50	24.00	PASS
n3	30	30	354000	75@0	DFT_BPSK	-0.15	25.14	PASS

n3	30	30	354000	75@0	DFT_BPSK	-1.50	25.76	PASS
n3	30	30	354000	75@0	DFT_BPSK	-5.50	23.54	PASS
n3	30	30	354000	75@0	DFT_BPSK	-30.50	17.90	PASS
n3	30	30	354000	75@0	DFT_BPSK	0.15	30.39	PASS
n3	30	30	354000	75@0	DFT_BPSK	1.50	28.88	PASS
n3	30	30	354000	75@0	DFT_BPSK	5.50	26.91	PASS
n3	30	30	354000	75@0	DFT_BPSK	32.50	23.79	PASS
n3	30	30	354000	1@77	DFT_QPSK	-0.85	34.94	PASS
n3	30	30	354000	1@77	DFT_QPSK	-1.50	33.27	PASS
n3	30	30	354000	1@77	DFT_QPSK	-26.50	14.11	PASS
n3	30	30	354000	1@77	DFT_QPSK	-34.50	21.18	PASS
n3	30	30	354000	1@77	DFT_QPSK	0.15	9.42	PASS
n3	30	30	354000	1@77	DFT_QPSK	1.50	26.13	PASS
n3	30	30	354000	1@77	DFT_QPSK	5.50	30.08	PASS
n3	30	30	354000	1@77	DFT_QPSK	34.50	24.14	PASS
n3	30	30	354000	75@0	DFT_QPSK	-0.15	22.09	PASS
n3	30	30	354000	75@0	DFT_QPSK	-1.50	22.10	PASS
n3	30	30	354000	75@0	DFT_QPSK	-6.50	19.74	PASS
n3	30	30	354000	75@0	DFT_QPSK	-30.50	16.32	PASS
n3	30	30	354000	75@0	DFT_QPSK	0.15	26.76	PASS
n3	30	30	354000	75@0	DFT_QPSK	1.50	25.51	PASS
n3	30	30	354000	75@0	DFT_QPSK	5.50	23.26	PASS
n3	30	30	354000	75@0	DFT_QPSK	30.50	23.82	PASS
n3	30	30	354000	1@77	DFT_QAM16	-0.15	35.35	PASS
n3	30	30	354000	1@77	DFT_QAM16	-1.50	33.59	PASS
n3	30	30	354000	1@77	DFT_QAM16	-26.50	17.46	PASS
n3	30	30	354000	1@77	DFT_QAM16	-34.50	21.21	PASS
n3	30	30	354000	1@77	DFT_QAM16	0.15	14.49	PASS
n3	30	30	354000	1@77	DFT_QAM16	1.50	30.91	PASS
n3	30	30	354000	1@77	DFT_QAM16	10.50	31.24	PASS
n3	30	30	354000	1@77	DFT_QAM16	31.50	24.04	PASS
n3	30	30	354000	75@0	DFT_QAM16	-0.15	23.72	PASS
n3	30	30	354000	75@0	DFT_QAM16	-1.50	24.11	PASS
n3	30	30	354000	75@0	DFT_QAM16	-5.50	22.06	PASS
n3	30	30	354000	75@0	DFT_QAM16	-30.50	17.39	PASS
n3	30	30	354000	75@0	DFT_QAM16	0.15	29.13	PASS
n3	30	30	354000	75@0	DFT_QAM16	2.50	27.50	PASS
n3	30	30	354000	75@0	DFT_QAM16	5.50	26.03	PASS
n3	30	30	354000	75@0	DFT_QAM16	30.50	23.91	PASS
n3	30	30	354000	1@77	DFT_QAM64	-0.15	35.32	PASS
n3	30	30	354000	1@77	DFT_QAM64	-1.50	33.86	PASS
n3	30	30	354000	1@77	DFT_QAM64	-26.50	17.08	PASS
n3	30	30	354000	1@77	DFT_QAM64	-34.50	21.31	PASS
n3	30	30	354000	1@77	DFT_QAM64	0.15	11.27	PASS

n3	30	30	354000	1@77	DFT_QAM64	1.50	29.76	PASS
n3	30	30	354000	1@77	DFT_QAM64	5.50	31.26	PASS
n3	30	30	354000	1@77	DFT_QAM64	33.50	24.11	PASS
n3	30	30	354000	75@0	DFT_QAM64	-0.15	24.94	PASS
n3	30	30	354000	75@0	DFT_QAM64	-1.50	25.15	PASS
n3	30	30	354000	75@0	DFT_QAM64	-5.50	23.01	PASS
n3	30	30	354000	75@0	DFT_QAM64	-30.50	17.86	PASS
n3	30	30	354000	75@0	DFT_QAM64	0.15	30.09	PASS
n3	30	30	354000	75@0	DFT_QAM64	1.50	28.36	PASS
n3	30	30	354000	75@0	DFT_QAM64	5.50	26.66	PASS
n3	30	30	354000	75@0	DFT_QAM64	30.50	23.74	PASS
n3	30	30	354000	1@77	DFT_QAM256	-0.85	35.49	PASS
n3	30	30	354000	1@77	DFT_QAM256	-2.50	33.87	PASS
n3	30	30	354000	1@77	DFT_QAM256	-26.50	17.23	PASS
n3	30	30	354000	1@77	DFT_QAM256	-34.50	20.99	PASS
n3	30	30	354000	1@77	DFT_QAM256	0.15	11.28	PASS
n3	30	30	354000	1@77	DFT_QAM256	1.50	29.67	PASS
n3	30	30	354000	1@77	DFT_QAM256	5.50	31.30	PASS
n3	30	30	354000	1@77	DFT_QAM256	32.50	24.07	PASS
n3	30	30	354000	75@0	DFT_QAM256	-0.15	25.03	PASS
n3	30	30	354000	75@0	DFT_QAM256	-1.50	25.16	PASS
n3	30	30	354000	75@0	DFT_QAM256	-5.50	23.12	PASS
n3	30	30	354000	75@0	DFT_QAM256	-30.50	17.78	PASS
n3	30	30	354000	75@0	DFT_QAM256	0.15	30.12	PASS
n3	30	30	354000	75@0	DFT_QAM256	1.50	28.46	PASS
n3	30	30	354000	75@0	DFT_QAM256	5.50	26.67	PASS
n3	30	30	354000	75@0	DFT_QAM256	30.50	23.83	PASS
n3	30	30	354000	1@77	CP_QPSK	-0.45	35.78	PASS
n3	30	30	354000	1@77	CP_QPSK	-1.50	34.04	PASS
n3	30	30	354000	1@77	CP_QPSK	-26.50	17.21	PASS
n3	30	30	354000	1@77	CP_QPSK	-34.50	21.16	PASS
n3	30	30	354000	1@77	CP_QPSK	0.15	11.23	PASS
n3	30	30	354000	1@77	CP_QPSK	1.50	29.93	PASS
n3	30	30	354000	1@77	CP_QPSK	10.50	31.37	PASS
n3	30	30	354000	1@77	CP_QPSK	34.50	23.99	PASS
n3	30	30	354000	78@0	CP_QPSK	-0.15	19.48	PASS
n3	30	30	354000	78@0	CP_QPSK	-1.50	30.70	PASS
n3	30	30	354000	78@0	CP_QPSK	-5.50	32.37	PASS
n3	30	30	354000	78@0	CP_QPSK	-34.50	22.07	PASS
n3	30	30	354000	78@0	CP_QPSK	0.15	40.46	PASS
n3	30	30	354000	78@0	CP_QPSK	1.50	38.69	PASS
n3	30	30	354000	78@0	CP_QPSK	5.50	35.80	PASS
n3	30	30	354000	78@0	CP_QPSK	33.50	24.36	PASS
n3	30	30	354000	1@77	CP_QAM16	-0.15	37.15	PASS

n3	30	30	354000	1@77	CP_QAM16	-1.50	35.37	PASS
n3	30	30	354000	1@77	CP_QAM16	-26.50	17.57	PASS
n3	30	30	354000	1@77	CP_QAM16	-34.50	25.24	PASS
n3	30	30	354000	1@77	CP_QAM16	0.15	11.93	PASS
n3	30	30	354000	1@77	CP_QAM16	1.50	30.47	PASS
n3	30	30	354000	1@77	CP_QAM16	10.50	32.67	PASS
n3	30	30	354000	1@77	CP_QAM16	34.50	28.91	PASS
n3	30	30	354000	78@0	CP_QAM16	-0.15	19.54	PASS
n3	30	30	354000	78@0	CP_QAM16	-1.50	30.68	PASS
n3	30	30	354000	78@0	CP_QAM16	-5.50	32.66	PASS
n3	30	30	354000	78@0	CP_QAM16	-34.50	22.01	PASS
n3	30	30	354000	78@0	CP_QAM16	0.75	40.45	PASS
n3	30	30	354000	78@0	CP_QAM16	1.50	38.66	PASS
n3	30	30	354000	78@0	CP_QAM16	6.50	35.81	PASS
n3	30	30	354000	78@0	CP_QAM16	34.50	24.34	PASS
n3	30	30	354000	1@77	CP_QAM64	-0.15	35.70	PASS
n3	30	30	354000	1@77	CP_QAM64	-1.50	34.06	PASS
n3	30	30	354000	1@77	CP_QAM64	-26.50	17.31	PASS
n3	30	30	354000	1@77	CP_QAM64	-34.50	21.18	PASS
n3	30	30	354000	1@77	CP_QAM64	0.15	11.89	PASS
n3	30	30	354000	1@77	CP_QAM64	1.50	30.00	PASS
n3	30	30	354000	1@77	CP_QAM64	10.50	31.47	PASS
n3	30	30	354000	1@77	CP_QAM64	34.50	24.01	PASS
n3	30	30	354000	78@0	CP_QAM64	-0.15	19.55	PASS
n3	30	30	354000	78@0	CP_QAM64	-1.50	30.76	PASS
n3	30	30	354000	78@0	CP_QAM64	-5.50	32.75	PASS
n3	30	30	354000	78@0	CP_QAM64	-34.50	21.95	PASS
n3	30	30	354000	78@0	CP_QAM64	0.85	40.41	PASS
n3	30	30	354000	78@0	CP_QAM64	1.50	38.55	PASS
n3	30	30	354000	78@0	CP_QAM64	5.50	35.81	PASS
n3	30	30	354000	78@0	CP_QAM64	33.50	24.36	PASS
n3	30	30	354000	1@77	CP_QAM256	-0.15	35.55	PASS
n3	30	30	354000	1@77	CP_QAM256	-1.50	33.98	PASS
n3	30	30	354000	1@77	CP_QAM256	-26.50	17.38	PASS
n3	30	30	354000	1@77	CP_QAM256	-34.50	21.27	PASS
n3	30	30	354000	1@77	CP_QAM256	0.15	11.92	PASS
n3	30	30	354000	1@77	CP_QAM256	1.50	30.08	PASS
n3	30	30	354000	1@77	CP_QAM256	10.50	31.39	PASS
n3	30	30	354000	1@77	CP_QAM256	33.50	23.82	PASS
n3	30	30	354000	78@0	CP_QAM256	-0.15	19.55	PASS
n3	30	30	354000	78@0	CP_QAM256	-1.50	30.78	PASS
n3	30	30	354000	78@0	CP_QAM256	-5.50	32.79	PASS
n3	30	30	354000	78@0	CP_QAM256	-34.50	22.18	PASS
n3	30	30	354000	78@0	CP_QAM256	0.15	40.51	PASS

n3	30	30	354000	78@0	CP_QAM256	1.50	38.26	PASS
n3	30	30	354000	78@0	CP_QAM256	5.50	35.55	PASS
n3	30	30	354000	78@0	CP_QAM256	34.50	24.51	PASS
n38	30	10	515000	1@0	DFT_BPSK	-0.05	21.81	PASS
n38	30	10	515000	1@0	DFT_BPSK	-3.50	20.13	PASS
n38	30	10	515000	1@0	DFT_BPSK	-5.50	20.25	PASS
n38	30	10	515000	1@0	DFT_BPSK	-10.50	16.64	PASS
n38	30	10	515000	1@0	DFT_BPSK	0.05	21.54	PASS
n38	30	10	515000	1@0	DFT_BPSK	3.50	19.47	PASS
n38	30	10	515000	1@0	DFT_BPSK	5.50	19.52	PASS
n38	30	10	515000	1@0	DFT_BPSK	10.50	16.53	PASS
n38	30	10	515000	24@0	DFT_BPSK	-0.05	22.06	PASS
n38	30	10	515000	24@0	DFT_BPSK	-3.50	20.05	PASS
n38	30	10	515000	24@0	DFT_BPSK	-5.50	20.27	PASS
n38	30	10	515000	24@0	DFT_BPSK	-10.50	16.64	PASS
n38	30	10	515000	24@0	DFT_BPSK	0.05	21.14	PASS
n38	30	10	515000	24@0	DFT_BPSK	3.50	19.75	PASS
n38	30	10	515000	24@0	DFT_BPSK	5.50	19.74	PASS
n38	30	10	515000	24@0	DFT_BPSK	10.50	16.51	PASS
n38	30	10	515000	1@0	DFT_QPSK	-0.05	12.85	PASS
n38	30	10	515000	1@0	DFT_QPSK	-1.50	27.97	PASS
n38	30	10	515000	1@0	DFT_QPSK	-5.50	28.90	PASS
n38	30	10	515000	1@0	DFT_QPSK	-11.50	18.13	PASS
n38	30	10	515000	1@0	DFT_QPSK	0.05	33.70	PASS
n38	30	10	515000	1@0	DFT_QPSK	1.50	30.39	PASS
n38	30	10	515000	1@0	DFT_QPSK	5.50	29.20	PASS
n38	30	10	515000	1@0	DFT_QPSK	10.50	21.90	PASS
n38	30	10	515000	24@0	DFT_QPSK	-0.05	20.27	PASS
n38	30	10	515000	24@0	DFT_QPSK	-1.50	18.91	PASS
n38	30	10	515000	24@0	DFT_QPSK	-5.50	19.01	PASS
n38	30	10	515000	24@0	DFT_QPSK	-10.50	15.42	PASS
n38	30	10	515000	24@0	DFT_QPSK	0.05	22.07	PASS
n38	30	10	515000	24@0	DFT_QPSK	1.50	18.62	PASS
n38	30	10	515000	24@0	DFT_QPSK	5.50	18.65	PASS
n38	30	10	515000	24@0	DFT_QPSK	10.50	14.99	PASS
n38	30	10	515000	1@0	DFT_QAM16	-0.05	13.09	PASS
n38	30	10	515000	1@0	DFT_QAM16	-1.50	28.43	PASS
n38	30	10	515000	1@0	DFT_QAM16	-5.50	29.39	PASS
n38	30	10	515000	1@0	DFT_QAM16	-10.50	18.77	PASS
n38	30	10	515000	1@0	DFT_QAM16	0.05	34.31	PASS
n38	30	10	515000	1@0	DFT_QAM16	1.50	30.73	PASS
n38	30	10	515000	1@0	DFT_QAM16	7.50	29.39	PASS
n38	30	10	515000	1@0	DFT_QAM16	10.50	22.25	PASS
n38	30	10	515000	24@0	DFT_QAM16	-0.05	21.99	PASS

n38	30	10	515000	24@0	DFT_QAM16	-1.50	19.26	PASS
n38	30	10	515000	24@0	DFT_QAM16	-5.50	20.45	PASS
n38	30	10	515000	24@0	DFT_QAM16	-10.50	15.97	PASS
n38	30	10	515000	24@0	DFT_QAM16	0.05	21.91	PASS
n38	30	10	515000	24@0	DFT_QAM16	1.50	19.23	PASS
n38	30	10	515000	24@0	DFT_QAM16	5.50	19.72	PASS
n38	30	10	515000	24@0	DFT_QAM16	10.50	15.43	PASS
n38	30	10	515000	1@0	DFT_QAM64	-0.05	14.52	PASS
n38	30	10	515000	1@0	DFT_QAM64	-1.50	29.01	PASS
n38	30	10	515000	1@0	DFT_QAM64	-5.50	29.91	PASS
n38	30	10	515000	1@0	DFT_QAM64	-11.50	19.19	PASS
n38	30	10	515000	1@0	DFT_QAM64	0.15	35.12	PASS
n38	30	10	515000	1@0	DFT_QAM64	1.50	30.88	PASS
n38	30	10	515000	1@0	DFT_QAM64	7.50	29.93	PASS
n38	30	10	515000	1@0	DFT_QAM64	10.50	22.51	PASS
n38	30	10	515000	24@0	DFT_QAM64	-0.05	23.27	PASS
n38	30	10	515000	24@0	DFT_QAM64	-1.50	19.86	PASS
n38	30	10	515000	24@0	DFT_QAM64	-5.50	21.33	PASS
n38	30	10	515000	24@0	DFT_QAM64	-10.50	16.17	PASS
n38	30	10	515000	24@0	DFT_QAM64	0.05	23.42	PASS
n38	30	10	515000	24@0	DFT_QAM64	1.50	19.50	PASS
n38	30	10	515000	24@0	DFT_QAM64	5.50	20.46	PASS
n38	30	10	515000	24@0	DFT_QAM64	10.50	16.03	PASS
n38	30	10	515000	1@0	DFT_QAM256	-0.05	14.97	PASS
n38	30	10	515000	1@0	DFT_QAM256	-1.50	28.94	PASS
n38	30	10	515000	1@0	DFT_QAM256	-5.50	29.86	PASS
n38	30	10	515000	1@0	DFT_QAM256	-11.50	18.97	PASS
n38	30	10	515000	1@0	DFT_QAM256	0.05	35.15	PASS
n38	30	10	515000	1@0	DFT_QAM256	1.50	30.99	PASS
n38	30	10	515000	1@0	DFT_QAM256	7.50	29.75	PASS
n38	30	10	515000	1@0	DFT_QAM256	10.50	22.08	PASS
n38	30	10	515000	24@0	DFT_QAM256	-0.05	23.30	PASS
n38	30	10	515000	24@0	DFT_QAM256	-1.50	19.78	PASS
n38	30	10	515000	24@0	DFT_QAM256	-5.50	21.17	PASS
n38	30	10	515000	24@0	DFT_QAM256	-10.50	16.03	PASS
n38	30	10	515000	24@0	DFT_QAM256	0.05	23.21	PASS
n38	30	10	515000	24@0	DFT_QAM256	1.50	19.36	PASS
n38	30	10	515000	24@0	DFT_QAM256	5.50	20.27	PASS
n38	30	10	515000	24@0	DFT_QAM256	10.50	15.90	PASS
n38	30	10	515000	1@0	CP_QPSK	-0.05	14.64	PASS
n38	30	10	515000	1@0	CP_QPSK	-1.50	28.78	PASS
n38	30	10	515000	1@0	CP_QPSK	-5.50	29.88	PASS
n38	30	10	515000	1@0	CP_QPSK	-11.50	18.88	PASS
n38	30	10	515000	1@0	CP_QPSK	0.05	34.68	PASS

n38	30	10	515000	1@0	CP_QPSK	1.50	31.09	PASS
n38	30	10	515000	1@0	CP_QPSK	7.50	29.33	PASS
n38	30	10	515000	1@0	CP_QPSK	10.50	22.20	PASS
n38	30	10	515000	24@0	CP_QPSK	-0.05	23.16	PASS
n38	30	10	515000	24@0	CP_QPSK	-1.50	19.78	PASS
n38	30	10	515000	24@0	CP_QPSK	-5.50	21.19	PASS
n38	30	10	515000	24@0	CP_QPSK	-10.50	16.25	PASS
n38	30	10	515000	24@0	CP_QPSK	0.05	23.53	PASS
n38	30	10	515000	24@0	CP_QPSK	1.50	19.35	PASS
n38	30	10	515000	24@0	CP_QPSK	5.50	20.31	PASS
n38	30	10	515000	24@0	CP_QPSK	10.50	15.99	PASS
n38	30	10	515000	1@0	CP_QAM16	-0.05	22.40	PASS
n38	30	10	515000	1@0	CP_QAM16	-1.50	18.68	PASS
n38	30	10	515000	1@0	CP_QAM16	-5.50	21.27	PASS
n38	30	10	515000	1@0	CP_QAM16	-10.50	16.36	PASS
n38	30	10	515000	1@0	CP_QAM16	0.05	22.05	PASS
n38	30	10	515000	1@0	CP_QAM16	1.50	18.33	PASS
n38	30	10	515000	1@0	CP_QAM16	5.50	20.25	PASS
n38	30	10	515000	1@0	CP_QAM16	10.50	15.52	PASS
n38	30	10	515000	24@0	CP_QAM16	-0.05	22.57	PASS
n38	30	10	515000	24@0	CP_QAM16	-1.50	18.81	PASS
n38	30	10	515000	24@0	CP_QAM16	-5.50	21.38	PASS
n38	30	10	515000	24@0	CP_QAM16	-10.50	16.32	PASS
n38	30	10	515000	24@0	CP_QAM16	0.05	22.12	PASS
n38	30	10	515000	24@0	CP_QAM16	1.50	18.22	PASS
n38	30	10	515000	24@0	CP_QAM16	5.50	20.39	PASS
n38	30	10	515000	24@0	CP_QAM16	10.50	15.96	PASS
n38	30	10	515000	1@0	CP_QAM64	-0.05	15.09	PASS
n38	30	10	515000	1@0	CP_QAM64	-1.50	28.83	PASS
n38	30	10	515000	1@0	CP_QAM64	-5.50	29.83	PASS
n38	30	10	515000	1@0	CP_QAM64	-11.50	19.77	PASS
n38	30	10	515000	1@0	CP_QAM64	0.15	34.57	PASS
n38	30	10	515000	1@0	CP_QAM64	1.50	30.61	PASS
n38	30	10	515000	1@0	CP_QAM64	7.50	29.12	PASS
n38	30	10	515000	1@0	CP_QAM64	10.50	22.51	PASS
n38	30	10	515000	24@0	CP_QAM64	-0.05	23.73	PASS
n38	30	10	515000	24@0	CP_QAM64	-1.50	19.71	PASS
n38	30	10	515000	24@0	CP_QAM64	-5.50	22.57	PASS
n38	30	10	515000	24@0	CP_QAM64	-10.50	17.14	PASS
n38	30	10	515000	24@0	CP_QAM64	0.05	22.56	PASS
n38	30	10	515000	24@0	CP_QAM64	1.50	19.22	PASS
n38	30	10	515000	24@0	CP_QAM64	5.50	21.32	PASS
n38	30	10	515000	24@0	CP_QAM64	10.50	16.84	PASS
n38	30	10	515000	1@0	CP_QAM256	-0.05	15.14	PASS

n38	30	10	515000	1@0	CP_QAM256	-1.50	28.93	PASS
n38	30	10	515000	1@0	CP_QAM256	-5.50	29.97	PASS
n38	30	10	515000	1@0	CP_QAM256	-11.50	19.72	PASS
n38	30	10	515000	1@0	CP_QAM256	0.05	34.96	PASS
n38	30	10	515000	1@0	CP_QAM256	1.50	30.77	PASS
n38	30	10	515000	1@0	CP_QAM256	7.50	29.12	PASS
n38	30	10	515000	1@0	CP_QAM256	10.50	22.32	PASS
n38	30	10	515000	24@0	CP_QAM256	-0.05	23.60	PASS
n38	30	10	515000	24@0	CP_QAM256	-1.50	19.68	PASS
n38	30	10	515000	24@0	CP_QAM256	-5.50	22.52	PASS
n38	30	10	515000	24@0	CP_QAM256	-10.50	17.18	PASS
n38	30	10	515000	24@0	CP_QAM256	0.05	22.53	PASS
n38	30	10	515000	24@0	CP_QAM256	1.50	19.13	PASS
n38	30	10	515000	24@0	CP_QAM256	5.50	21.43	PASS
n38	30	10	515000	24@0	CP_QAM256	10.50	16.77	PASS
n38	30	10	523000	1@23	DFT_BPSK	-0.05	23.00	PASS
n38	30	10	523000	1@23	DFT_BPSK	-3.50	21.35	PASS
n38	30	10	523000	1@23	DFT_BPSK	-5.50	21.55	PASS
n38	30	10	523000	1@23	DFT_BPSK	-10.50	17.60	PASS
n38	30	10	523000	1@23	DFT_BPSK	0.05	21.96	PASS
n38	30	10	523000	1@23	DFT_BPSK	3.50	21.70	PASS
n38	30	10	523000	1@23	DFT_BPSK	5.50	21.27	PASS
n38	30	10	523000	1@23	DFT_BPSK	10.50	17.85	PASS
n38	30	10	523000	24@0	DFT_BPSK	-0.05	23.01	PASS
n38	30	10	523000	24@0	DFT_BPSK	-3.50	21.27	PASS
n38	30	10	523000	24@0	DFT_BPSK	-5.50	21.36	PASS
n38	30	10	523000	24@0	DFT_BPSK	-10.50	16.97	PASS
n38	30	10	523000	24@0	DFT_BPSK	0.05	22.72	PASS
n38	30	10	523000	24@0	DFT_BPSK	3.50	21.41	PASS
n38	30	10	523000	24@0	DFT_BPSK	5.50	21.02	PASS
n38	30	10	523000	24@0	DFT_BPSK	10.50	17.12	PASS
n38	30	10	523000	1@23	DFT_QPSK	-0.05	34.58	PASS
n38	30	10	523000	1@23	DFT_QPSK	-1.50	30.57	PASS
n38	30	10	523000	1@23	DFT_QPSK	-5.50	28.93	PASS
n38	30	10	523000	1@23	DFT_QPSK	-10.50	21.19	PASS
n38	30	10	523000	1@23	DFT_QPSK	0.05	14.47	PASS
n38	30	10	523000	1@23	DFT_QPSK	1.50	28.19	PASS
n38	30	10	523000	1@23	DFT_QPSK	5.50	29.32	PASS
n38	30	10	523000	1@23	DFT_QPSK	11.50	18.71	PASS
n38	30	10	523000	24@0	DFT_QPSK	-0.05	22.08	PASS
n38	30	10	523000	24@0	DFT_QPSK	-1.50	20.13	PASS
n38	30	10	523000	24@0	DFT_QPSK	-5.50	20.34	PASS
n38	30	10	523000	24@0	DFT_QPSK	-10.50	16.17	PASS
n38	30	10	523000	24@0	DFT_QPSK	0.05	22.99	PASS

n38	30	10	523000	24@0	DFT_QPSK	1.50	20.20	PASS
n38	30	10	523000	24@0	DFT_QPSK	5.50	19.84	PASS
n38	30	10	523000	24@0	DFT_QPSK	10.50	16.27	PASS
n38	30	10	523000	1@23	DFT_QAM16	-0.05	34.82	PASS
n38	30	10	523000	1@23	DFT_QAM16	-1.50	30.73	PASS
n38	30	10	523000	1@23	DFT_QAM16	-7.50	29.23	PASS
n38	30	10	523000	1@23	DFT_QAM16	-10.50	21.59	PASS
n38	30	10	523000	1@23	DFT_QAM16	0.05	14.51	PASS
n38	30	10	523000	1@23	DFT_QAM16	1.50	28.68	PASS
n38	30	10	523000	1@23	DFT_QAM16	5.50	29.64	PASS
n38	30	10	523000	1@23	DFT_QAM16	11.50	19.48	PASS
n38	30	10	523000	24@0	DFT_QAM16	-0.05	23.57	PASS
n38	30	10	523000	24@0	DFT_QAM16	-1.50	20.49	PASS
n38	30	10	523000	24@0	DFT_QAM16	-5.50	21.96	PASS
n38	30	10	523000	24@0	DFT_QAM16	-10.50	16.55	PASS
n38	30	10	523000	24@0	DFT_QAM16	0.05	23.37	PASS
n38	30	10	523000	24@0	DFT_QAM16	1.50	20.48	PASS
n38	30	10	523000	24@0	DFT_QAM16	5.50	21.29	PASS
n38	30	10	523000	24@0	DFT_QAM16	10.50	16.56	PASS
n38	30	10	523000	1@23	DFT_QAM64	-0.05	35.71	PASS
n38	30	10	523000	1@23	DFT_QAM64	-1.50	31.23	PASS
n38	30	10	523000	1@23	DFT_QAM64	-7.50	29.45	PASS
n38	30	10	523000	1@23	DFT_QAM64	-10.50	21.73	PASS
n38	30	10	523000	1@23	DFT_QAM64	0.05	16.23	PASS
n38	30	10	523000	1@23	DFT_QAM64	1.50	29.08	PASS
n38	30	10	523000	1@23	DFT_QAM64	5.50	30.07	PASS
n38	30	10	523000	1@23	DFT_QAM64	10.50	19.58	PASS
n38	30	10	523000	24@0	DFT_QAM64	-0.05	23.63	PASS
n38	30	10	523000	24@0	DFT_QAM64	-1.50	21.28	PASS
n38	30	10	523000	24@0	DFT_QAM64	-5.50	22.35	PASS
n38	30	10	523000	24@0	DFT_QAM64	-10.50	16.94	PASS
n38	30	10	523000	24@0	DFT_QAM64	0.05	24.58	PASS
n38	30	10	523000	24@0	DFT_QAM64	1.50	21.04	PASS
n38	30	10	523000	24@0	DFT_QAM64	5.50	21.77	PASS
n38	30	10	523000	24@0	DFT_QAM64	10.50	17.06	PASS
n38	30	10	523000	1@23	DFT_QAM256	-0.05	35.58	PASS
n38	30	10	523000	1@23	DFT_QAM256	-1.50	31.11	PASS
n38	30	10	523000	1@23	DFT_QAM256	-7.50	29.32	PASS
n38	30	10	523000	1@23	DFT_QAM256	-10.50	21.49	PASS
n38	30	10	523000	1@23	DFT_QAM256	0.05	16.46	PASS
n38	30	10	523000	1@23	DFT_QAM256	1.50	29.23	PASS
n38	30	10	523000	1@23	DFT_QAM256	5.50	29.83	PASS
n38	30	10	523000	1@23	DFT_QAM256	10.50	19.56	PASS
n38	30	10	523000	24@0	DFT_QAM256	-0.05	23.70	PASS

n38	30	10	523000	24@0	DFT_QAM256	-1.50	21.08	PASS
n38	30	10	523000	24@0	DFT_QAM256	-5.50	22.21	PASS
n38	30	10	523000	24@0	DFT_QAM256	-10.50	17.04	PASS
n38	30	10	523000	24@0	DFT_QAM256	0.05	24.45	PASS
n38	30	10	523000	24@0	DFT_QAM256	1.50	20.92	PASS
n38	30	10	523000	24@0	DFT_QAM256	5.50	21.64	PASS
n38	30	10	523000	24@0	DFT_QAM256	10.50	16.97	PASS
n38	30	10	523000	1@23	CP_QPSK	-0.05	24.47	PASS
n38	30	10	523000	1@23	CP_QPSK	-1.50	20.13	PASS
n38	30	10	523000	1@23	CP_QPSK	-5.50	22.83	PASS
n38	30	10	523000	1@23	CP_QPSK	-10.50	16.67	PASS
n38	30	10	523000	1@23	CP_QPSK	0.15	23.95	PASS
n38	30	10	523000	1@23	CP_QPSK	1.50	20.21	PASS
n38	30	10	523000	1@23	CP_QPSK	5.50	22.35	PASS
n38	30	10	523000	1@23	CP_QPSK	10.50	16.83	PASS
n38	30	10	523000	24@0	CP_QPSK	-0.05	24.41	PASS
n38	30	10	523000	24@0	CP_QPSK	-1.50	20.17	PASS
n38	30	10	523000	24@0	CP_QPSK	-5.50	22.78	PASS
n38	30	10	523000	24@0	CP_QPSK	-10.50	16.92	PASS
n38	30	10	523000	24@0	CP_QPSK	0.15	23.99	PASS
n38	30	10	523000	24@0	CP_QPSK	1.50	20.24	PASS
n38	30	10	523000	24@0	CP_QPSK	5.50	22.27	PASS
n38	30	10	523000	24@0	CP_QPSK	10.50	16.76	PASS
n38	30	10	523000	1@23	CP_QAM16	-0.05	35.19	PASS
n38	30	10	523000	1@23	CP_QAM16	-1.50	30.64	PASS
n38	30	10	523000	1@23	CP_QAM16	-7.50	28.25	PASS
n38	30	10	523000	1@23	CP_QAM16	-10.50	21.25	PASS
n38	30	10	523000	1@23	CP_QAM16	0.05	16.86	PASS
n38	30	10	523000	1@23	CP_QAM16	1.50	28.80	PASS
n38	30	10	523000	1@23	CP_QAM16	5.50	29.51	PASS
n38	30	10	523000	1@23	CP_QAM16	11.50	19.77	PASS
n38	30	10	523000	24@0	CP_QAM16	-0.05	23.06	PASS
n38	30	10	523000	24@0	CP_QAM16	-1.50	19.99	PASS
n38	30	10	523000	24@0	CP_QAM16	-5.50	22.15	PASS
n38	30	10	523000	24@0	CP_QAM16	-10.50	16.78	PASS
n38	30	10	523000	24@0	CP_QAM16	0.05	23.47	PASS
n38	30	10	523000	24@0	CP_QAM16	1.50	19.67	PASS
n38	30	10	523000	24@0	CP_QAM16	5.50	21.98	PASS
n38	30	10	523000	24@0	CP_QAM16	10.50	16.50	PASS
n38	30	10	523000	1@23	CP_QAM64	-0.15	35.19	PASS
n38	30	10	523000	1@23	CP_QAM64	-1.50	31.09	PASS
n38	30	10	523000	1@23	CP_QAM64	-7.50	28.80	PASS
n38	30	10	523000	1@23	CP_QAM64	-10.50	21.79	PASS
n38	30	10	523000	1@23	CP_QAM64	0.05	16.11	PASS

n38	30	10	523000	1@23	CP_QAM64	1.50	28.95	PASS
n38	30	10	523000	1@23	CP_QAM64	5.50	29.96	PASS
n38	30	10	523000	1@23	CP_QAM64	10.50	20.02	PASS
n38	30	10	523000	24@0	CP_QAM64	-0.05	24.81	PASS
n38	30	10	523000	24@0	CP_QAM64	-1.50	20.97	PASS
n38	30	10	523000	24@0	CP_QAM64	-5.50	23.36	PASS
n38	30	10	523000	24@0	CP_QAM64	-10.50	17.40	PASS
n38	30	10	523000	24@0	CP_QAM64	0.05	23.93	PASS
n38	30	10	523000	24@0	CP_QAM64	1.50	20.75	PASS
n38	30	10	523000	24@0	CP_QAM64	5.50	22.69	PASS
n38	30	10	523000	24@0	CP_QAM64	10.50	17.59	PASS
n38	30	10	523000	1@23	CP_QAM256	-0.05	35.85	PASS
n38	30	10	523000	1@23	CP_QAM256	-1.50	31.10	PASS
n38	30	10	523000	1@23	CP_QAM256	-7.50	27.72	PASS
n38	30	10	523000	1@23	CP_QAM256	-10.50	21.55	PASS
n38	30	10	523000	1@23	CP_QAM256	0.05	15.91	PASS
n38	30	10	523000	1@23	CP_QAM256	1.50	29.17	PASS
n38	30	10	523000	1@23	CP_QAM256	5.50	30.24	PASS
n38	30	10	523000	1@23	CP_QAM256	10.50	20.11	PASS
n38	30	10	523000	24@0	CP_QAM256	-0.05	24.79	PASS
n38	30	10	523000	24@0	CP_QAM256	-1.50	20.88	PASS
n38	30	10	523000	24@0	CP_QAM256	-5.50	23.40	PASS
n38	30	10	523000	24@0	CP_QAM256	-10.50	17.49	PASS
n38	30	10	523000	24@0	CP_QAM256	0.05	23.82	PASS
n38	30	10	523000	24@0	CP_QAM256	1.50	20.75	PASS
n38	30	10	523000	24@0	CP_QAM256	5.50	22.63	PASS
n38	30	10	523000	24@0	CP_QAM256	10.50	17.67	PASS
n38	30	20	516000	1@0	DFT_BPSK	-0.10	12.17	PASS
n38	30	20	516000	1@0	DFT_BPSK	-1.50	29.72	PASS
n38	30	20	516000	1@0	DFT_BPSK	-5.50	30.86	PASS
n38	30	20	516000	1@0	DFT_BPSK	-20.50	27.13	PASS
n38	30	20	516000	1@0	DFT_BPSK	0.10	37.08	PASS
n38	30	20	516000	1@0	DFT_BPSK	1.50	34.21	PASS
n38	30	20	516000	1@0	DFT_BPSK	5.50	32.09	PASS
n38	30	20	516000	1@0	DFT_BPSK	20.50	28.37	PASS
n38	30	20	516000	50@0	DFT_BPSK	-0.10	23.08	PASS
n38	30	20	516000	50@0	DFT_BPSK	-1.50	21.67	PASS
n38	30	20	516000	50@0	DFT_BPSK	-5.50	21.15	PASS
n38	30	20	516000	50@0	DFT_BPSK	-20.50	19.39	PASS
n38	30	20	516000	50@0	DFT_BPSK	0.10	24.16	PASS
n38	30	20	516000	50@0	DFT_BPSK	1.50	21.43	PASS
n38	30	20	516000	50@0	DFT_BPSK	5.50	20.43	PASS
n38	30	20	516000	50@0	DFT_BPSK	20.50	19.19	PASS
n38	30	20	516000	1@0	DFT_QPSK	-0.10	13.99	PASS

n38	30	20	516000	1@0	DFT_QPSK	-1.50	30.05	PASS
n38	30	20	516000	1@0	DFT_QPSK	-5.50	30.27	PASS
n38	30	20	516000	1@0	DFT_QPSK	-20.50	23.80	PASS
n38	30	20	516000	1@0	DFT_QPSK	0.10	36.27	PASS
n38	30	20	516000	1@0	DFT_QPSK	1.50	33.33	PASS
n38	30	20	516000	1@0	DFT_QPSK	5.50	31.13	PASS
n38	30	20	516000	1@0	DFT_QPSK	20.50	24.49	PASS
n38	30	20	516000	50@0	DFT_QPSK	-0.10	22.87	PASS
n38	30	20	516000	50@0	DFT_QPSK	-1.50	21.74	PASS
n38	30	20	516000	50@0	DFT_QPSK	-5.50	21.12	PASS
n38	30	20	516000	50@0	DFT_QPSK	-20.50	19.56	PASS
n38	30	20	516000	50@0	DFT_QPSK	0.10	24.22	PASS
n38	30	20	516000	50@0	DFT_QPSK	1.50	21.39	PASS
n38	30	20	516000	50@0	DFT_QPSK	5.50	20.47	PASS
n38	30	20	516000	50@0	DFT_QPSK	20.50	19.21	PASS
n38	30	20	516000	1@0	DFT_QAM16	-0.10	12.25	PASS
n38	30	20	516000	1@0	DFT_QAM16	-1.50	29.90	PASS
n38	30	20	516000	1@0	DFT_QAM16	-5.50	30.09	PASS
n38	30	20	516000	1@0	DFT_QAM16	-20.50	23.59	PASS
n38	30	20	516000	1@0	DFT_QAM16	0.10	36.21	PASS
n38	30	20	516000	1@0	DFT_QAM16	1.50	33.49	PASS
n38	30	20	516000	1@0	DFT_QAM16	5.50	31.09	PASS
n38	30	20	516000	1@0	DFT_QAM16	21.50	24.50	PASS
n38	30	20	516000	50@0	DFT_QAM16	-0.10	22.97	PASS
n38	30	20	516000	50@0	DFT_QAM16	-1.50	21.76	PASS
n38	30	20	516000	50@0	DFT_QAM16	-5.50	21.11	PASS
n38	30	20	516000	50@0	DFT_QAM16	-20.50	19.26	PASS
n38	30	20	516000	50@0	DFT_QAM16	0.10	24.16	PASS
n38	30	20	516000	50@0	DFT_QAM16	1.50	21.40	PASS
n38	30	20	516000	50@0	DFT_QAM16	5.50	20.32	PASS
n38	30	20	516000	50@0	DFT_QAM16	20.50	19.00	PASS
n38	30	20	516000	1@0	DFT_QAM64	-0.10	12.82	PASS
n38	30	20	516000	1@0	DFT_QAM64	-1.50	29.87	PASS
n38	30	20	516000	1@0	DFT_QAM64	-5.50	30.22	PASS
n38	30	20	516000	1@0	DFT_QAM64	-20.50	23.70	PASS
n38	30	20	516000	1@0	DFT_QAM64	0.10	36.46	PASS
n38	30	20	516000	1@0	DFT_QAM64	1.50	33.26	PASS
n38	30	20	516000	1@0	DFT_QAM64	5.50	31.28	PASS
n38	30	20	516000	1@0	DFT_QAM64	20.50	24.26	PASS
n38	30	20	516000	50@0	DFT_QAM64	-0.10	22.82	PASS
n38	30	20	516000	50@0	DFT_QAM64	-1.50	21.59	PASS
n38	30	20	516000	50@0	DFT_QAM64	-5.50	21.01	PASS
n38	30	20	516000	50@0	DFT_QAM64	-20.50	19.47	PASS
n38	30	20	516000	50@0	DFT_QAM64	0.10	24.00	PASS

n38	30	20	516000	50@0	DFT_QAM64	1.50	21.35	PASS
n38	30	20	516000	50@0	DFT_QAM64	5.50	20.31	PASS
n38	30	20	516000	50@0	DFT_QAM64	20.50	19.07	PASS
n38	30	20	516000	1@0	DFT_QAM256	-0.10	12.25	PASS
n38	30	20	516000	1@0	DFT_QAM256	-1.50	29.86	PASS
n38	30	20	516000	1@0	DFT_QAM256	-5.50	30.44	PASS
n38	30	20	516000	1@0	DFT_QAM256	-21.50	23.72	PASS
n38	30	20	516000	1@0	DFT_QAM256	0.10	36.45	PASS
n38	30	20	516000	1@0	DFT_QAM256	1.50	33.61	PASS
n38	30	20	516000	1@0	DFT_QAM256	5.50	31.57	PASS
n38	30	20	516000	1@0	DFT_QAM256	20.50	24.57	PASS
n38	30	20	516000	50@0	DFT_QAM256	-0.10	23.00	PASS
n38	30	20	516000	50@0	DFT_QAM256	-1.50	21.72	PASS
n38	30	20	516000	50@0	DFT_QAM256	-5.50	21.12	PASS
n38	30	20	516000	50@0	DFT_QAM256	-20.50	19.58	PASS
n38	30	20	516000	50@0	DFT_QAM256	0.10	24.00	PASS
n38	30	20	516000	50@0	DFT_QAM256	1.50	21.47	PASS
n38	30	20	516000	50@0	DFT_QAM256	5.50	20.44	PASS
n38	30	20	516000	50@0	DFT_QAM256	20.50	19.12	PASS
n38	30	20	516000	1@0	CP_QPSK	-0.10	11.82	PASS
n38	30	20	516000	1@0	CP_QPSK	-1.50	29.61	PASS
n38	30	20	516000	1@0	CP_QPSK	-5.50	29.89	PASS
n38	30	20	516000	1@0	CP_QPSK	-20.50	23.72	PASS
n38	30	20	516000	1@0	CP_QPSK	0.30	36.25	PASS
n38	30	20	516000	1@0	CP_QPSK	1.50	33.19	PASS
n38	30	20	516000	1@0	CP_QPSK	5.50	31.14	PASS
n38	30	20	516000	1@0	CP_QPSK	20.50	24.28	PASS
n38	30	20	516000	51@0	CP_QPSK	-0.10	12.31	PASS
n38	30	20	516000	51@0	CP_QPSK	-1.50	29.53	PASS
n38	30	20	516000	51@0	CP_QPSK	-5.50	29.94	PASS
n38	30	20	516000	51@0	CP_QPSK	-20.50	23.73	PASS
n38	30	20	516000	51@0	CP_QPSK	0.10	35.95	PASS
n38	30	20	516000	51@0	CP_QPSK	1.50	32.82	PASS
n38	30	20	516000	51@0	CP_QPSK	5.50	31.01	PASS
n38	30	20	516000	51@0	CP_QPSK	20.50	24.36	PASS
n38	30	20	516000	1@0	CP_QAM16	-0.10	12.64	PASS
n38	30	20	516000	1@0	CP_QAM16	-1.50	29.58	PASS
n38	30	20	516000	1@0	CP_QAM16	-5.50	30.04	PASS
n38	30	20	516000	1@0	CP_QAM16	-20.50	23.77	PASS
n38	30	20	516000	1@0	CP_QAM16	0.50	36.25	PASS
n38	30	20	516000	1@0	CP_QAM16	1.50	32.99	PASS
n38	30	20	516000	1@0	CP_QAM16	5.50	30.95	PASS
n38	30	20	516000	1@0	CP_QAM16	20.50	24.54	PASS
n38	30	20	516000	51@0	CP_QAM16	-0.10	12.80	PASS

n38	30	20	516000	51@0	CP_QAM16	-1.50	29.50	PASS
n38	30	20	516000	51@0	CP_QAM16	-5.50	29.76	PASS
n38	30	20	516000	51@0	CP_QAM16	-20.50	23.65	PASS
n38	30	20	516000	51@0	CP_QAM16	0.30	36.12	PASS
n38	30	20	516000	51@0	CP_QAM16	1.50	33.07	PASS
n38	30	20	516000	51@0	CP_QAM16	5.50	30.69	PASS
n38	30	20	516000	51@0	CP_QAM16	20.50	24.52	PASS
n38	30	20	516000	1@0	CP_QAM64	-0.10	12.13	PASS
n38	30	20	516000	1@0	CP_QAM64	-1.50	29.49	PASS
n38	30	20	516000	1@0	CP_QAM64	-5.50	30.06	PASS
n38	30	20	516000	1@0	CP_QAM64	-20.50	23.82	PASS
n38	30	20	516000	1@0	CP_QAM64	0.30	36.38	PASS
n38	30	20	516000	1@0	CP_QAM64	1.50	33.32	PASS
n38	30	20	516000	1@0	CP_QAM64	5.50	31.26	PASS
n38	30	20	516000	1@0	CP_QAM64	20.50	24.70	PASS
n38	30	20	516000	51@0	CP_QAM64	-0.10	13.74	PASS
n38	30	20	516000	51@0	CP_QAM64	-1.50	30.16	PASS
n38	30	20	516000	51@0	CP_QAM64	-7.50	30.33	PASS
n38	30	20	516000	51@0	CP_QAM64	-20.50	23.84	PASS
n38	30	20	516000	51@0	CP_QAM64	0.10	36.29	PASS
n38	30	20	516000	51@0	CP_QAM64	1.50	33.31	PASS
n38	30	20	516000	51@0	CP_QAM64	5.50	31.33	PASS
n38	30	20	516000	51@0	CP_QAM64	20.50	24.56	PASS
n38	30	20	516000	1@0	CP_QAM256	-0.10	12.20	PASS
n38	30	20	516000	1@0	CP_QAM256	-1.50	29.69	PASS
n38	30	20	516000	1@0	CP_QAM256	-5.50	30.07	PASS
n38	30	20	516000	1@0	CP_QAM256	-20.50	23.55	PASS
n38	30	20	516000	1@0	CP_QAM256	0.10	36.45	PASS
n38	30	20	516000	1@0	CP_QAM256	1.50	33.50	PASS
n38	30	20	516000	1@0	CP_QAM256	5.50	31.31	PASS
n38	30	20	516000	1@0	CP_QAM256	20.50	24.50	PASS
n38	30	20	516000	51@0	CP_QAM256	-0.10	12.27	PASS
n38	30	20	516000	51@0	CP_QAM256	-1.50	29.63	PASS
n38	30	20	516000	51@0	CP_QAM256	-7.50	30.15	PASS
n38	30	20	516000	51@0	CP_QAM256	-20.50	23.56	PASS
n38	30	20	516000	51@0	CP_QAM256	0.10	36.57	PASS
n38	30	20	516000	51@0	CP_QAM256	1.50	33.35	PASS
n38	30	20	516000	51@0	CP_QAM256	5.50	31.40	PASS
n38	30	20	516000	51@0	CP_QAM256	20.50	24.27	PASS
n38	30	20	522000	1@50	DFT_BPSK	-0.30	35.98	PASS
n38	30	20	522000	1@50	DFT_BPSK	-1.50	33.33	PASS
n38	30	20	522000	1@50	DFT_BPSK	-5.50	31.41	PASS
n38	30	20	522000	1@50	DFT_BPSK	-23.50	23.22	PASS
n38	30	20	522000	1@50	DFT_BPSK	0.10	13.26	PASS

n38	30	20	522000	1@50	DFT_BPSK	1.50	30.28	PASS
n38	30	20	522000	1@50	DFT_BPSK	5.50	30.04	PASS
n38	30	20	522000	1@50	DFT_BPSK	20.50	22.44	PASS
n38	30	20	522000	50@0	DFT_BPSK	-0.10	24.16	PASS
n38	30	20	522000	50@0	DFT_BPSK	-1.50	22.93	PASS
n38	30	20	522000	50@0	DFT_BPSK	-5.50	21.89	PASS
n38	30	20	522000	50@0	DFT_BPSK	-20.50	20.16	PASS
n38	30	20	522000	50@0	DFT_BPSK	0.10	25.60	PASS
n38	30	20	522000	50@0	DFT_BPSK	1.50	22.93	PASS
n38	30	20	522000	50@0	DFT_BPSK	5.50	21.63	PASS
n38	30	20	522000	50@0	DFT_BPSK	20.50	20.21	PASS
n38	30	20	522000	1@50	DFT_QPSK	-0.10	36.24	PASS
n38	30	20	522000	1@50	DFT_QPSK	-1.50	33.35	PASS
n38	30	20	522000	1@50	DFT_QPSK	-16.50	31.23	PASS
n38	30	20	522000	1@50	DFT_QPSK	-20.50	23.08	PASS
n38	30	20	522000	1@50	DFT_QPSK	0.10	12.84	PASS
n38	30	20	522000	1@50	DFT_QPSK	1.50	30.18	PASS
n38	30	20	522000	1@50	DFT_QPSK	5.50	30.16	PASS
n38	30	20	522000	1@50	DFT_QPSK	20.50	22.48	PASS
n38	30	20	522000	50@0	DFT_QPSK	-0.10	24.00	PASS
n38	30	20	522000	50@0	DFT_QPSK	-1.50	22.93	PASS
n38	30	20	522000	50@0	DFT_QPSK	-5.50	21.91	PASS
n38	30	20	522000	50@0	DFT_QPSK	-20.50	20.07	PASS
n38	30	20	522000	50@0	DFT_QPSK	0.10	25.55	PASS
n38	30	20	522000	50@0	DFT_QPSK	1.50	22.78	PASS
n38	30	20	522000	50@0	DFT_QPSK	5.50	21.58	PASS
n38	30	20	522000	50@0	DFT_QPSK	20.50	20.19	PASS
n38	30	20	522000	1@50	DFT_QAM16	-0.30	36.41	PASS
n38	30	20	522000	1@50	DFT_QAM16	-1.50	33.29	PASS
n38	30	20	522000	1@50	DFT_QAM16	-5.50	31.26	PASS
n38	30	20	522000	1@50	DFT_QAM16	-20.50	22.98	PASS
n38	30	20	522000	1@50	DFT_QAM16	0.10	13.13	PASS
n38	30	20	522000	1@50	DFT_QAM16	1.50	29.96	PASS
n38	30	20	522000	1@50	DFT_QAM16	5.50	30.00	PASS
n38	30	20	522000	1@50	DFT_QAM16	20.50	22.34	PASS
n38	30	20	522000	50@0	DFT_QAM16	-0.10	24.08	PASS
n38	30	20	522000	50@0	DFT_QAM16	-1.50	22.90	PASS
n38	30	20	522000	50@0	DFT_QAM16	-5.50	21.77	PASS
n38	30	20	522000	50@0	DFT_QAM16	-20.50	20.16	PASS
n38	30	20	522000	50@0	DFT_QAM16	0.10	25.76	PASS
n38	30	20	522000	50@0	DFT_QAM16	1.50	22.88	PASS
n38	30	20	522000	50@0	DFT_QAM16	5.50	21.75	PASS
n38	30	20	522000	50@0	DFT_QAM16	20.50	20.21	PASS
n38	30	20	522000	1@50	DFT_QAM64	-0.10	36.45	PASS

n38	30	20	522000	1@50	DFT_QAM64	-1.50	33.22	PASS
n38	30	20	522000	1@50	DFT_QAM64	-5.50	31.17	PASS
n38	30	20	522000	1@50	DFT_QAM64	-20.50	23.01	PASS
n38	30	20	522000	1@50	DFT_QAM64	0.10	13.00	PASS
n38	30	20	522000	1@50	DFT_QAM64	1.50	30.05	PASS
n38	30	20	522000	1@50	DFT_QAM64	5.50	29.91	PASS
n38	30	20	522000	1@50	DFT_QAM64	20.50	22.28	PASS
n38	30	20	522000	50@0	DFT_QAM64	-0.10	24.06	PASS
n38	30	20	522000	50@0	DFT_QAM64	-1.50	22.91	PASS
n38	30	20	522000	50@0	DFT_QAM64	-5.50	21.98	PASS
n38	30	20	522000	50@0	DFT_QAM64	-20.50	20.17	PASS
n38	30	20	522000	50@0	DFT_QAM64	0.10	25.68	PASS
n38	30	20	522000	50@0	DFT_QAM64	1.50	22.86	PASS
n38	30	20	522000	50@0	DFT_QAM64	5.50	21.75	PASS
n38	30	20	522000	50@0	DFT_QAM64	20.50	20.29	PASS
n38	30	20	522000	1@50	DFT_QAM256	-0.10	35.77	PASS
n38	30	20	522000	1@50	DFT_QAM256	-1.50	32.38	PASS
n38	30	20	522000	1@50	DFT_QAM256	-5.50	30.54	PASS
n38	30	20	522000	1@50	DFT_QAM256	-22.50	21.35	PASS
n38	30	20	522000	1@50	DFT_QAM256	0.10	13.02	PASS
n38	30	20	522000	1@50	DFT_QAM256	1.50	29.64	PASS
n38	30	20	522000	1@50	DFT_QAM256	7.50	29.68	PASS
n38	30	20	522000	1@50	DFT_QAM256	20.50	20.90	PASS
n38	30	20	522000	50@0	DFT_QAM256	-0.10	24.10	PASS
n38	30	20	522000	50@0	DFT_QAM256	-1.50	22.92	PASS
n38	30	20	522000	50@0	DFT_QAM256	-5.50	21.94	PASS
n38	30	20	522000	50@0	DFT_QAM256	-20.50	20.08	PASS
n38	30	20	522000	50@0	DFT_QAM256	0.10	25.78	PASS
n38	30	20	522000	50@0	DFT_QAM256	1.50	22.83	PASS
n38	30	20	522000	50@0	DFT_QAM256	5.50	21.60	PASS
n38	30	20	522000	50@0	DFT_QAM256	20.50	20.21	PASS
n38	30	20	522000	1@50	CP_QPSK	-0.10	35.75	PASS
n38	30	20	522000	1@50	CP_QPSK	-1.50	32.97	PASS
n38	30	20	522000	1@50	CP_QPSK	-5.50	31.04	PASS
n38	30	20	522000	1@50	CP_QPSK	-20.50	23.21	PASS
n38	30	20	522000	1@50	CP_QPSK	0.10	12.13	PASS
n38	30	20	522000	1@50	CP_QPSK	1.50	29.79	PASS
n38	30	20	522000	1@50	CP_QPSK	5.50	29.62	PASS
n38	30	20	522000	1@50	CP_QPSK	20.50	22.13	PASS
n38	30	20	522000	51@0	CP_QPSK	-0.10	13.13	PASS
n38	30	20	522000	51@0	CP_QPSK	-1.50	29.65	PASS
n38	30	20	522000	51@0	CP_QPSK	-5.50	29.82	PASS
n38	30	20	522000	51@0	CP_QPSK	-20.50	23.14	PASS
n38	30	20	522000	51@0	CP_QPSK	0.10	36.18	PASS

n38	30	20	522000	51@0	CP_QPSK	2.50	33.18	PASS
n38	30	20	522000	51@0	CP_QPSK	5.50	31.08	PASS
n38	30	20	522000	51@0	CP_QPSK	20.50	23.96	PASS
n38	30	20	522000	1@50	CP_QAM16	-0.10	35.45	PASS
n38	30	20	522000	1@50	CP_QAM16	-1.50	33.24	PASS
n38	30	20	522000	1@50	CP_QAM16	-5.50	30.77	PASS
n38	30	20	522000	1@50	CP_QAM16	-20.50	23.14	PASS
n38	30	20	522000	1@50	CP_QAM16	0.10	13.55	PASS
n38	30	20	522000	1@50	CP_QAM16	1.50	29.60	PASS
n38	30	20	522000	1@50	CP_QAM16	5.50	29.79	PASS
n38	30	20	522000	1@50	CP_QAM16	20.50	22.30	PASS
n38	30	20	522000	51@0	CP_QAM16	-0.10	12.39	PASS
n38	30	20	522000	51@0	CP_QAM16	-1.50	29.50	PASS
n38	30	20	522000	51@0	CP_QAM16	-5.50	29.57	PASS
n38	30	20	522000	51@0	CP_QAM16	-20.50	21.63	PASS
n38	30	20	522000	51@0	CP_QAM16	0.30	35.90	PASS
n38	30	20	522000	51@0	CP_QAM16	1.50	32.96	PASS
n38	30	20	522000	51@0	CP_QAM16	12.50	30.91	PASS
n38	30	20	522000	51@0	CP_QAM16	21.50	22.41	PASS
n38	30	20	522000	1@50	CP_QAM64	-0.30	36.14	PASS
n38	30	20	522000	1@50	CP_QAM64	-1.50	33.33	PASS
n38	30	20	522000	1@50	CP_QAM64	-5.50	31.22	PASS
n38	30	20	522000	1@50	CP_QAM64	-20.50	22.92	PASS
n38	30	20	522000	1@50	CP_QAM64	0.10	13.01	PASS
n38	30	20	522000	1@50	CP_QAM64	1.50	30.08	PASS
n38	30	20	522000	1@50	CP_QAM64	5.50	29.98	PASS
n38	30	20	522000	1@50	CP_QAM64	20.50	22.40	PASS
n38	30	20	522000	51@0	CP_QAM64	-0.10	12.77	PASS
n38	30	20	522000	51@0	CP_QAM64	-1.50	30.14	PASS
n38	30	20	522000	51@0	CP_QAM64	-5.50	30.16	PASS
n38	30	20	522000	51@0	CP_QAM64	-20.50	23.21	PASS
n38	30	20	522000	51@0	CP_QAM64	0.50	36.53	PASS
n38	30	20	522000	51@0	CP_QAM64	1.50	33.66	PASS
n38	30	20	522000	51@0	CP_QAM64	5.50	31.40	PASS
n38	30	20	522000	51@0	CP_QAM64	20.50	23.70	PASS
n38	30	20	522000	1@50	CP_QAM256	-0.10	35.86	PASS
n38	30	20	522000	1@50	CP_QAM256	-1.50	33.26	PASS
n38	30	20	522000	1@50	CP_QAM256	-5.50	31.31	PASS
n38	30	20	522000	1@50	CP_QAM256	-20.50	22.87	PASS
n38	30	20	522000	1@50	CP_QAM256	0.10	13.02	PASS
n38	30	20	522000	1@50	CP_QAM256	1.50	29.79	PASS
n38	30	20	522000	1@50	CP_QAM256	5.50	29.96	PASS
n38	30	20	522000	1@50	CP_QAM256	20.50	22.36	PASS
n38	30	20	522000	51@0	CP_QAM256	-0.10	12.66	PASS

n38	30	20	522000	51@0	CP_QAM256	-1.50	30.04	PASS
n38	30	20	522000	51@0	CP_QAM256	-5.50	30.27	PASS
n38	30	20	522000	51@0	CP_QAM256	-20.50	23.13	PASS
n38	30	20	522000	51@0	CP_QAM256	0.30	36.88	PASS
n38	30	20	522000	51@0	CP_QAM256	1.50	33.78	PASS
n38	30	20	522000	51@0	CP_QAM256	5.50	31.58	PASS
n38	30	20	522000	51@0	CP_QAM256	20.50	23.75	PASS
n77	30	10	620334	1@0	DFT_BPSK	-0.05	13.98	PASS
n77	30	10	620334	1@0	DFT_BPSK	-1.50	28.38	PASS
n77	30	10	620334	1@0	DFT_BPSK	-5.50	30.27	PASS
n77	30	10	620334	1@0	DFT_BPSK	-11.50	19.82	PASS
n77	30	10	620334	1@0	DFT_BPSK	0.05	35.64	PASS
n77	30	10	620334	1@0	DFT_BPSK	1.50	31.96	PASS
n77	30	10	620334	1@0	DFT_BPSK	5.50	30.69	PASS
n77	30	10	620334	1@0	DFT_BPSK	10.50	24.13	PASS
n77	30	10	620334	24@0	DFT_BPSK	-0.05	25.00	PASS
n77	30	10	620334	24@0	DFT_BPSK	-3.50	23.63	PASS
n77	30	10	620334	24@0	DFT_BPSK	-5.50	25.10	PASS
n77	30	10	620334	24@0	DFT_BPSK	-10.50	17.68	PASS
n77	30	10	620334	24@0	DFT_BPSK	0.05	24.37	PASS
n77	30	10	620334	24@0	DFT_BPSK	3.50	24.77	PASS
n77	30	10	620334	24@0	DFT_BPSK	7.50	26.33	PASS
n77	30	10	620334	24@0	DFT_BPSK	10.50	17.58	PASS
n77	30	10	620334	1@0	DFT_QPSK	-0.05	14.40	PASS
n77	30	10	620334	1@0	DFT_QPSK	-1.50	28.46	PASS
n77	30	10	620334	1@0	DFT_QPSK	-5.50	29.85	PASS
n77	30	10	620334	1@0	DFT_QPSK	-11.50	19.07	PASS
n77	30	10	620334	1@0	DFT_QPSK	0.05	35.52	PASS
n77	30	10	620334	1@0	DFT_QPSK	1.50	31.46	PASS
n77	30	10	620334	1@0	DFT_QPSK	5.50	29.93	PASS
n77	30	10	620334	1@0	DFT_QPSK	10.50	22.16	PASS
n77	30	10	620334	24@0	DFT_QPSK	-0.05	24.65	PASS
n77	30	10	620334	24@0	DFT_QPSK	-1.50	23.67	PASS
n77	30	10	620334	24@0	DFT_QPSK	-5.50	22.26	PASS
n77	30	10	620334	24@0	DFT_QPSK	-10.50	17.57	PASS
n77	30	10	620334	24@0	DFT_QPSK	0.05	25.49	PASS
n77	30	10	620334	24@0	DFT_QPSK	1.50	24.76	PASS
n77	30	10	620334	24@0	DFT_QPSK	5.50	22.99	PASS
n77	30	10	620334	24@0	DFT_QPSK	10.50	17.49	PASS
n77	30	10	620334	1@0	DFT_QAM16	-0.05	14.70	PASS
n77	30	10	620334	1@0	DFT_QAM16	-1.50	28.85	PASS
n77	30	10	620334	1@0	DFT_QAM16	-5.50	29.87	PASS
n77	30	10	620334	1@0	DFT_QAM16	-11.50	19.32	PASS
n77	30	10	620334	1@0	DFT_QAM16	0.05	35.41	PASS

n77	30	10	620334	1@0	DFT_QAM16	1.50	31.65	PASS
n77	30	10	620334	1@0	DFT_QAM16	5.50	30.33	PASS
n77	30	10	620334	1@0	DFT_QAM16	10.50	22.36	PASS
n77	30	10	620334	24@0	DFT_QAM16	-0.05	25.75	PASS
n77	30	10	620334	24@0	DFT_QAM16	-1.50	23.11	PASS
n77	30	10	620334	24@0	DFT_QAM16	-5.50	23.14	PASS
n77	30	10	620334	24@0	DFT_QAM16	-10.50	17.69	PASS
n77	30	10	620334	24@0	DFT_QAM16	0.05	25.32	PASS
n77	30	10	620334	24@0	DFT_QAM16	1.50	24.08	PASS
n77	30	10	620334	24@0	DFT_QAM16	5.50	23.94	PASS
n77	30	10	620334	24@0	DFT_QAM16	10.50	17.50	PASS
n77	30	10	620334	1@0	DFT_QAM64	-0.05	16.46	PASS
n77	30	10	620334	1@0	DFT_QAM64	-1.50	29.44	PASS
n77	30	10	620334	1@0	DFT_QAM64	-5.50	30.41	PASS
n77	30	10	620334	1@0	DFT_QAM64	-10.50	19.79	PASS
n77	30	10	620334	1@0	DFT_QAM64	0.15	35.74	PASS
n77	30	10	620334	1@0	DFT_QAM64	1.50	32.08	PASS
n77	30	10	620334	1@0	DFT_QAM64	5.50	30.62	PASS
n77	30	10	620334	1@0	DFT_QAM64	10.50	22.40	PASS
n77	30	10	620334	24@0	DFT_QAM64	-0.05	25.71	PASS
n77	30	10	620334	24@0	DFT_QAM64	-1.50	23.30	PASS
n77	30	10	620334	24@0	DFT_QAM64	-5.50	23.54	PASS
n77	30	10	620334	24@0	DFT_QAM64	-10.50	18.27	PASS
n77	30	10	620334	24@0	DFT_QAM64	0.05	25.19	PASS
n77	30	10	620334	24@0	DFT_QAM64	1.50	24.16	PASS
n77	30	10	620334	24@0	DFT_QAM64	5.50	24.19	PASS
n77	30	10	620334	24@0	DFT_QAM64	10.50	18.25	PASS
n77	30	10	620334	1@0	DFT_QAM256	-0.05	16.34	PASS
n77	30	10	620334	1@0	DFT_QAM256	-1.50	29.30	PASS
n77	30	10	620334	1@0	DFT_QAM256	-5.50	30.21	PASS
n77	30	10	620334	1@0	DFT_QAM256	-10.50	19.68	PASS
n77	30	10	620334	1@0	DFT_QAM256	0.05	35.98	PASS
n77	30	10	620334	1@0	DFT_QAM256	1.50	31.93	PASS
n77	30	10	620334	1@0	DFT_QAM256	5.50	30.68	PASS
n77	30	10	620334	1@0	DFT_QAM256	10.50	22.36	PASS
n77	30	10	620334	24@0	DFT_QAM256	-0.05	25.90	PASS
n77	30	10	620334	24@0	DFT_QAM256	-1.50	23.49	PASS
n77	30	10	620334	24@0	DFT_QAM256	-5.50	23.61	PASS
n77	30	10	620334	24@0	DFT_QAM256	-10.50	17.97	PASS
n77	30	10	620334	24@0	DFT_QAM256	0.05	25.08	PASS
n77	30	10	620334	24@0	DFT_QAM256	1.50	24.19	PASS
n77	30	10	620334	24@0	DFT_QAM256	5.50	24.18	PASS
n77	30	10	620334	24@0	DFT_QAM256	10.50	18.26	PASS
n77	30	10	620334	1@0	CP_QPSK	-0.05	25.58	PASS

n77	30	10	620334	1@0	CP_QPSK	-1.50	23.04	PASS
n77	30	10	620334	1@0	CP_QPSK	-5.50	24.23	PASS
n77	30	10	620334	1@0	CP_QPSK	-10.50	18.02	PASS
n77	30	10	620334	1@0	CP_QPSK	0.05	25.33	PASS
n77	30	10	620334	1@0	CP_QPSK	1.50	23.70	PASS
n77	30	10	620334	1@0	CP_QPSK	5.50	24.53	PASS
n77	30	10	620334	1@0	CP_QPSK	10.50	18.20	PASS
n77	30	10	620334	24@0	CP_QPSK	-0.05	25.69	PASS
n77	30	10	620334	24@0	CP_QPSK	-1.50	23.07	PASS
n77	30	10	620334	24@0	CP_QPSK	-5.50	24.32	PASS
n77	30	10	620334	24@0	CP_QPSK	-10.50	17.99	PASS
n77	30	10	620334	24@0	CP_QPSK	0.05	25.50	PASS
n77	30	10	620334	24@0	CP_QPSK	1.50	23.68	PASS
n77	30	10	620334	24@0	CP_QPSK	5.50	24.67	PASS
n77	30	10	620334	24@0	CP_QPSK	10.50	18.19	PASS
n77	30	10	620334	1@0	CP_QAM16	-0.05	14.98	PASS
n77	30	10	620334	1@0	CP_QAM16	-1.50	29.26	PASS
n77	30	10	620334	1@0	CP_QAM16	-5.50	30.10	PASS
n77	30	10	620334	1@0	CP_QAM16	-10.50	20.07	PASS
n77	30	10	620334	1@0	CP_QAM16	0.05	36.17	PASS
n77	30	10	620334	1@0	CP_QAM16	1.50	31.33	PASS
n77	30	10	620334	1@0	CP_QAM16	5.50	30.34	PASS
n77	30	10	620334	1@0	CP_QAM16	10.50	22.32	PASS
n77	30	10	620334	24@0	CP_QAM16	-0.05	24.54	PASS
n77	30	10	620334	24@0	CP_QAM16	-1.50	21.92	PASS
n77	30	10	620334	24@0	CP_QAM16	-5.50	23.64	PASS
n77	30	10	620334	24@0	CP_QAM16	-10.50	17.05	PASS
n77	30	10	620334	24@0	CP_QAM16	0.05	25.51	PASS
n77	30	10	620334	24@0	CP_QAM16	1.50	22.71	PASS
n77	30	10	620334	24@0	CP_QAM16	5.50	24.28	PASS
n77	30	10	620334	24@0	CP_QAM16	10.50	17.39	PASS
n77	30	10	620334	1@0	CP_QAM64	-0.05	16.82	PASS
n77	30	10	620334	1@0	CP_QAM64	-1.50	29.37	PASS
n77	30	10	620334	1@0	CP_QAM64	-5.50	30.30	PASS
n77	30	10	620334	1@0	CP_QAM64	-11.50	20.05	PASS
n77	30	10	620334	1@0	CP_QAM64	0.15	35.79	PASS
n77	30	10	620334	1@0	CP_QAM64	1.50	31.67	PASS
n77	30	10	620334	1@0	CP_QAM64	7.50	30.34	PASS
n77	30	10	620334	1@0	CP_QAM64	10.50	22.35	PASS
n77	30	10	620334	24@0	CP_QAM64	-0.05	26.16	PASS
n77	30	10	620334	24@0	CP_QAM64	-1.50	23.54	PASS
n77	30	10	620334	24@0	CP_QAM64	-5.50	24.96	PASS
n77	30	10	620334	24@0	CP_QAM64	-10.50	18.76	PASS
n77	30	10	620334	24@0	CP_QAM64	0.05	26.42	PASS

n77	30	10	620334	24@0	CP_QAM64	1.50	24.18	PASS
n77	30	10	620334	24@0	CP_QAM64	5.50	25.11	PASS
n77	30	10	620334	24@0	CP_QAM64	10.50	18.90	PASS
n77	30	10	620334	1@0	CP_QAM256	-0.05	16.72	PASS
n77	30	10	620334	1@0	CP_QAM256	-1.50	29.42	PASS
n77	30	10	620334	1@0	CP_QAM256	-5.50	30.62	PASS
n77	30	10	620334	1@0	CP_QAM256	-10.50	20.22	PASS
n77	30	10	620334	1@0	CP_QAM256	0.05	36.33	PASS
n77	30	10	620334	1@0	CP_QAM256	1.50	31.97	PASS
n77	30	10	620334	1@0	CP_QAM256	7.50	28.55	PASS
n77	30	10	620334	1@0	CP_QAM256	10.50	22.45	PASS
n77	30	10	620334	24@0	CP_QAM256	-0.05	26.41	PASS
n77	30	10	620334	24@0	CP_QAM256	-1.50	23.47	PASS
n77	30	10	620334	24@0	CP_QAM256	-5.50	24.71	PASS
n77	30	10	620334	24@0	CP_QAM256	-10.50	18.57	PASS
n77	30	10	620334	24@0	CP_QAM256	0.05	26.52	PASS
n77	30	10	620334	24@0	CP_QAM256	1.50	24.12	PASS
n77	30	10	620334	24@0	CP_QAM256	5.50	24.79	PASS
n77	30	10	620334	24@0	CP_QAM256	10.50	18.85	PASS
n77	30	10	679666	1@23	DFT_BPSK	-0.05	35.34	PASS
n77	30	10	679666	1@23	DFT_BPSK	-1.50	31.13	PASS
n77	30	10	679666	1@23	DFT_BPSK	-7.50	29.35	PASS
n77	30	10	679666	1@23	DFT_BPSK	-10.50	24.08	PASS
n77	30	10	679666	1@23	DFT_BPSK	0.05	14.23	PASS
n77	30	10	679666	1@23	DFT_BPSK	1.50	28.72	PASS
n77	30	10	679666	1@23	DFT_BPSK	5.50	30.57	PASS
n77	30	10	679666	1@23	DFT_BPSK	11.50	21.08	PASS
n77	30	10	679666	24@0	DFT_BPSK	-0.15	23.05	PASS
n77	30	10	679666	24@0	DFT_BPSK	-1.50	18.44	PASS
n77	30	10	679666	24@0	DFT_BPSK	-5.50	21.33	PASS
n77	30	10	679666	24@0	DFT_BPSK	-10.50	17.85	PASS
n77	30	10	679666	24@0	DFT_BPSK	0.05	22.86	PASS
n77	30	10	679666	24@0	DFT_BPSK	1.50	20.08	PASS
n77	30	10	679666	24@0	DFT_BPSK	5.50	22.46	PASS
n77	30	10	679666	24@0	DFT_BPSK	10.50	18.23	PASS
n77	30	10	679666	1@23	DFT_QPSK	-0.05	35.16	PASS
n77	30	10	679666	1@23	DFT_QPSK	-1.50	30.96	PASS
n77	30	10	679666	1@23	DFT_QPSK	-7.50	27.81	PASS
n77	30	10	679666	1@23	DFT_QPSK	-10.50	21.86	PASS
n77	30	10	679666	1@23	DFT_QPSK	0.05	16.32	PASS
n77	30	10	679666	1@23	DFT_QPSK	1.50	28.52	PASS
n77	30	10	679666	1@23	DFT_QPSK	5.50	30.45	PASS
n77	30	10	679666	1@23	DFT_QPSK	12.50	20.28	PASS
n77	30	10	679666	24@0	DFT_QPSK	-0.05	21.05	PASS

n77	30	10	679666	24@0	DFT_QPSK	-1.50	17.25	PASS
n77	30	10	679666	24@0	DFT_QPSK	-5.50	17.30	PASS
n77	30	10	679666	24@0	DFT_QPSK	-10.50	16.44	PASS
n77	30	10	679666	24@0	DFT_QPSK	0.05	22.51	PASS
n77	30	10	679666	24@0	DFT_QPSK	1.50	19.39	PASS
n77	30	10	679666	24@0	DFT_QPSK	5.50	18.98	PASS
n77	30	10	679666	24@0	DFT_QPSK	10.50	16.87	PASS
n77	30	10	679666	1@23	DFT_QAM16	-0.05	34.45	PASS
n77	30	10	679666	1@23	DFT_QAM16	-1.50	30.65	PASS
n77	30	10	679666	1@23	DFT_QAM16	-5.50	29.41	PASS
n77	30	10	679666	1@23	DFT_QAM16	-10.50	21.89	PASS
n77	30	10	679666	1@23	DFT_QAM16	0.05	14.44	PASS
n77	30	10	679666	1@23	DFT_QAM16	1.50	27.78	PASS
n77	30	10	679666	1@23	DFT_QAM16	5.50	29.60	PASS
n77	30	10	679666	1@23	DFT_QAM16	10.50	19.33	PASS
n77	30	10	679666	24@0	DFT_QAM16	-0.05	22.37	PASS
n77	30	10	679666	24@0	DFT_QAM16	-1.50	17.69	PASS
n77	30	10	679666	24@0	DFT_QAM16	-5.50	19.07	PASS
n77	30	10	679666	24@0	DFT_QAM16	-10.50	16.91	PASS
n77	30	10	679666	24@0	DFT_QAM16	0.05	22.19	PASS
n77	30	10	679666	24@0	DFT_QAM16	1.50	19.42	PASS
n77	30	10	679666	24@0	DFT_QAM16	5.50	20.52	PASS
n77	30	10	679666	24@0	DFT_QAM16	10.50	17.08	PASS
n77	30	10	679666	1@23	DFT_QAM64	-0.15	35.17	PASS
n77	30	10	679666	1@23	DFT_QAM64	-1.50	30.87	PASS
n77	30	10	679666	1@23	DFT_QAM64	-7.50	29.20	PASS
n77	30	10	679666	1@23	DFT_QAM64	-10.50	21.61	PASS
n77	30	10	679666	1@23	DFT_QAM64	0.05	15.05	PASS
n77	30	10	679666	1@23	DFT_QAM64	1.50	28.12	PASS
n77	30	10	679666	1@23	DFT_QAM64	5.50	29.94	PASS
n77	30	10	679666	1@23	DFT_QAM64	10.50	19.21	PASS
n77	30	10	679666	24@0	DFT_QAM64	-0.05	22.28	PASS
n77	30	10	679666	24@0	DFT_QAM64	-1.50	18.39	PASS
n77	30	10	679666	24@0	DFT_QAM64	-5.50	19.88	PASS
n77	30	10	679666	24@0	DFT_QAM64	-10.50	17.53	PASS
n77	30	10	679666	24@0	DFT_QAM64	0.05	22.70	PASS
n77	30	10	679666	24@0	DFT_QAM64	1.50	19.94	PASS
n77	30	10	679666	24@0	DFT_QAM64	5.50	20.88	PASS
n77	30	10	679666	24@0	DFT_QAM64	10.50	17.68	PASS
n77	30	10	679666	1@23	DFT_QAM256	-0.05	34.89	PASS
n77	30	10	679666	1@23	DFT_QAM256	-1.50	31.04	PASS
n77	30	10	679666	1@23	DFT_QAM256	-5.50	29.67	PASS
n77	30	10	679666	1@23	DFT_QAM256	-10.50	22.04	PASS
n77	30	10	679666	1@23	DFT_QAM256	0.05	15.14	PASS

n77	30	10	679666	1@23	DFT_QAM256	1.50	28.19	PASS
n77	30	10	679666	1@23	DFT_QAM256	5.50	29.97	PASS
n77	30	10	679666	1@23	DFT_QAM256	10.50	19.63	PASS
n77	30	10	679666	24@0	DFT_QAM256	-0.05	22.25	PASS
n77	30	10	679666	24@0	DFT_QAM256	-1.50	18.43	PASS
n77	30	10	679666	24@0	DFT_QAM256	-5.50	19.95	PASS
n77	30	10	679666	24@0	DFT_QAM256	-10.50	16.95	PASS
n77	30	10	679666	24@0	DFT_QAM256	0.05	22.54	PASS
n77	30	10	679666	24@0	DFT_QAM256	1.50	19.97	PASS
n77	30	10	679666	24@0	DFT_QAM256	5.50	21.13	PASS
n77	30	10	679666	24@0	DFT_QAM256	10.50	17.11	PASS
n77	30	10	679666	1@23	CP_QPSK	-0.05	35.23	PASS
n77	30	10	679666	1@23	CP_QPSK	-1.50	31.19	PASS
n77	30	10	679666	1@23	CP_QPSK	-7.50	29.01	PASS
n77	30	10	679666	1@23	CP_QPSK	-10.50	22.02	PASS
n77	30	10	679666	1@23	CP_QPSK	0.05	15.18	PASS
n77	30	10	679666	1@23	CP_QPSK	1.50	28.38	PASS
n77	30	10	679666	1@23	CP_QPSK	5.50	30.34	PASS
n77	30	10	679666	1@23	CP_QPSK	12.50	19.62	PASS
n77	30	10	679666	24@0	CP_QPSK	-0.05	22.00	PASS
n77	30	10	679666	24@0	CP_QPSK	-1.50	18.33	PASS
n77	30	10	679666	24@0	CP_QPSK	-5.50	19.69	PASS
n77	30	10	679666	24@0	CP_QPSK	-10.50	17.36	PASS
n77	30	10	679666	24@0	CP_QPSK	0.05	22.70	PASS
n77	30	10	679666	24@0	CP_QPSK	1.50	19.97	PASS
n77	30	10	679666	24@0	CP_QPSK	5.50	21.06	PASS
n77	30	10	679666	24@0	CP_QPSK	10.50	17.65	PASS
n77	30	10	679666	1@23	CP_QAM16	-0.05	20.62	PASS
n77	30	10	679666	1@23	CP_QAM16	-1.50	16.47	PASS
n77	30	10	679666	1@23	CP_QAM16	-5.50	20.04	PASS
n77	30	10	679666	1@23	CP_QAM16	-10.50	16.75	PASS
n77	30	10	679666	1@23	CP_QAM16	0.05	22.44	PASS
n77	30	10	679666	1@23	CP_QAM16	1.50	18.31	PASS
n77	30	10	679666	1@23	CP_QAM16	5.50	21.72	PASS
n77	30	10	679666	1@23	CP_QAM16	10.50	17.21	PASS
n77	30	10	679666	24@0	CP_QAM16	-0.05	20.59	PASS
n77	30	10	679666	24@0	CP_QAM16	-1.50	16.32	PASS
n77	30	10	679666	24@0	CP_QAM16	-5.50	20.07	PASS
n77	30	10	679666	24@0	CP_QAM16	-10.50	16.74	PASS
n77	30	10	679666	24@0	CP_QAM16	0.05	22.28	PASS
n77	30	10	679666	24@0	CP_QAM16	1.50	18.27	PASS
n77	30	10	679666	24@0	CP_QAM16	5.50	21.64	PASS
n77	30	10	679666	24@0	CP_QAM16	10.50	17.20	PASS
n77	30	10	679666	1@23	CP_QAM64	-0.05	34.31	PASS

n77	30	10	679666	1@23	CP_QAM64	-1.50	30.67	PASS
n77	30	10	679666	1@23	CP_QAM64	-7.50	29.11	PASS
n77	30	10	679666	1@23	CP_QAM64	-10.50	22.28	PASS
n77	30	10	679666	1@23	CP_QAM64	0.05	14.38	PASS
n77	30	10	679666	1@23	CP_QAM64	1.50	28.63	PASS
n77	30	10	679666	1@23	CP_QAM64	5.50	29.93	PASS
n77	30	10	679666	1@23	CP_QAM64	11.50	20.03	PASS
n77	30	10	679666	24@0	CP_QAM64	-0.05	22.82	PASS
n77	30	10	679666	24@0	CP_QAM64	-1.50	18.32	PASS
n77	30	10	679666	24@0	CP_QAM64	-5.50	21.34	PASS
n77	30	10	679666	24@0	CP_QAM64	-10.50	17.99	PASS
n77	30	10	679666	24@0	CP_QAM64	0.05	23.07	PASS
n77	30	10	679666	24@0	CP_QAM64	1.50	19.98	PASS
n77	30	10	679666	24@0	CP_QAM64	5.50	22.43	PASS
n77	30	10	679666	24@0	CP_QAM64	10.50	18.41	PASS
n77	30	10	679666	1@23	CP_QAM256	-0.15	35.02	PASS
n77	30	10	679666	1@23	CP_QAM256	-1.50	30.52	PASS
n77	30	10	679666	1@23	CP_QAM256	-7.50	29.14	PASS
n77	30	10	679666	1@23	CP_QAM256	-10.50	21.66	PASS
n77	30	10	679666	1@23	CP_QAM256	0.05	16.51	PASS
n77	30	10	679666	1@23	CP_QAM256	1.50	28.56	PASS
n77	30	10	679666	1@23	CP_QAM256	5.50	30.01	PASS
n77	30	10	679666	1@23	CP_QAM256	10.50	19.90	PASS
n77	30	10	679666	24@0	CP_QAM256	-0.05	23.05	PASS
n77	30	10	679666	24@0	CP_QAM256	-1.50	18.37	PASS
n77	30	10	679666	24@0	CP_QAM256	-5.50	21.36	PASS
n77	30	10	679666	24@0	CP_QAM256	-10.50	17.81	PASS
n77	30	10	679666	24@0	CP_QAM256	0.05	22.84	PASS
n77	30	10	679666	24@0	CP_QAM256	1.50	19.98	PASS
n77	30	10	679666	24@0	CP_QAM256	5.50	22.45	PASS
n77	30	10	679666	24@0	CP_QAM256	10.50	18.37	PASS
n77	30	100	623334	1@0	DFT_BPSK	-0.02	9.22	PASS
n77	30	100	623334	1@0	DFT_BPSK	-1.50	28.84	PASS
n77	30	100	623334	1@0	DFT_BPSK	-20.50	31.74	PASS
n77	30	100	623334	1@0	DFT_BPSK	-100.50	27.96	PASS
n77	30	100	623334	1@0	DFT_BPSK	0.20	37.34	PASS
n77	30	100	623334	1@0	DFT_BPSK	1.50	37.29	PASS
n77	30	100	623334	1@0	DFT_BPSK	17.50	32.03	PASS
n77	30	100	623334	1@0	DFT_BPSK	100.50	29.56	PASS
n77	30	100	623334	270@0	DFT_BPSK	-0.02	28.88	PASS
n77	30	100	623334	270@0	DFT_BPSK	-1.50	30.77	PASS
n77	30	100	623334	270@0	DFT_BPSK	-7.50	28.11	PASS
n77	30	100	623334	270@0	DFT_BPSK	-100.50	21.67	PASS
n77	30	100	623334	270@0	DFT_BPSK	0.29	30.96	PASS

n77	30	100	623334	270@0	DFT_BPSK	1.50	31.79	PASS
n77	30	100	623334	270@0	DFT_BPSK	7.50	28.94	PASS
n77	30	100	623334	270@0	DFT_BPSK	100.50	23.53	PASS
n77	30	100	623334	1@0	DFT_QPSK	-0.02	8.20	PASS
n77	30	100	623334	1@0	DFT_QPSK	-1.50	28.55	PASS
n77	30	100	623334	1@0	DFT_QPSK	-20.50	30.52	PASS
n77	30	100	623334	1@0	DFT_QPSK	-100.50	22.97	PASS
n77	30	100	623334	1@0	DFT_QPSK	0.99	35.19	PASS
n77	30	100	623334	1@0	DFT_QPSK	1.50	35.94	PASS
n77	30	100	623334	1@0	DFT_QPSK	10.50	31.51	PASS
n77	30	100	623334	1@0	DFT_QPSK	100.50	24.68	PASS
n77	30	100	623334	270@0	DFT_QPSK	-0.02	29.13	PASS
n77	30	100	623334	270@0	DFT_QPSK	-1.50	30.79	PASS
n77	30	100	623334	270@0	DFT_QPSK	-7.50	27.97	PASS
n77	30	100	623334	270@0	DFT_QPSK	-100.50	21.66	PASS
n77	30	100	623334	270@0	DFT_QPSK	0.29	31.41	PASS
n77	30	100	623334	270@0	DFT_QPSK	1.50	31.89	PASS
n77	30	100	623334	270@0	DFT_QPSK	7.50	28.93	PASS
n77	30	100	623334	270@0	DFT_QPSK	100.50	23.49	PASS
n77	30	100	623334	1@0	DFT_QAM16	-0.02	8.23	PASS
n77	30	100	623334	1@0	DFT_QAM16	-1.50	28.37	PASS
n77	30	100	623334	1@0	DFT_QAM16	-20.50	30.69	PASS
n77	30	100	623334	1@0	DFT_QAM16	-100.50	22.92	PASS
n77	30	100	623334	1@0	DFT_QAM16	0.26	35.99	PASS
n77	30	100	623334	1@0	DFT_QAM16	1.50	36.13	PASS
n77	30	100	623334	1@0	DFT_QAM16	10.50	31.35	PASS
n77	30	100	623334	1@0	DFT_QAM16	100.50	24.68	PASS
n77	30	100	623334	270@0	DFT_QAM16	-0.02	28.42	PASS
n77	30	100	623334	270@0	DFT_QAM16	-1.50	30.98	PASS
n77	30	100	623334	270@0	DFT_QAM16	-16.50	27.56	PASS
n77	30	100	623334	270@0	DFT_QAM16	-102.50	21.16	PASS
n77	30	100	623334	270@0	DFT_QAM16	0.65	31.57	PASS
n77	30	100	623334	270@0	DFT_QAM16	2.50	31.98	PASS
n77	30	100	623334	270@0	DFT_QAM16	14.50	28.82	PASS
n77	30	100	623334	270@0	DFT_QAM16	100.50	22.92	PASS
n77	30	100	623334	1@0	DFT_QAM64	-0.02	7.86	PASS
n77	30	100	623334	1@0	DFT_QAM64	-1.50	27.92	PASS
n77	30	100	623334	1@0	DFT_QAM64	-20.50	30.40	PASS
n77	30	100	623334	1@0	DFT_QAM64	-100.50	22.94	PASS
n77	30	100	623334	1@0	DFT_QAM64	0.99	36.38	PASS
n77	30	100	623334	1@0	DFT_QAM64	1.50	36.33	PASS
n77	30	100	623334	1@0	DFT_QAM64	10.50	31.27	PASS
n77	30	100	623334	1@0	DFT_QAM64	100.50	24.59	PASS
n77	30	100	623334	270@0	DFT_QAM64	-0.08	28.56	PASS

n77	30	100	623334	270@0	DFT_QAM64	-3.50	30.77	PASS
n77	30	100	623334	270@0	DFT_QAM64	-16.50	27.67	PASS
n77	30	100	623334	270@0	DFT_QAM64	-100.50	20.21	PASS
n77	30	100	623334	270@0	DFT_QAM64	0.62	32.24	PASS
n77	30	100	623334	270@0	DFT_QAM64	4.50	31.81	PASS
n77	30	100	623334	270@0	DFT_QAM64	12.50	28.85	PASS
n77	30	100	623334	270@0	DFT_QAM64	102.50	22.23	PASS
n77	30	100	623334	1@0	DFT_QAM256	-0.02	8.34	PASS
n77	30	100	623334	1@0	DFT_QAM256	-1.50	27.91	PASS
n77	30	100	623334	1@0	DFT_QAM256	-20.50	30.46	PASS
n77	30	100	623334	1@0	DFT_QAM256	-100.50	22.96	PASS
n77	30	100	623334	1@0	DFT_QAM256	0.98	35.70	PASS
n77	30	100	623334	1@0	DFT_QAM256	1.50	36.42	PASS
n77	30	100	623334	1@0	DFT_QAM256	10.50	31.42	PASS
n77	30	100	623334	1@0	DFT_QAM256	100.50	24.62	PASS
n77	30	100	623334	270@0	DFT_QAM256	-0.02	28.67	PASS
n77	30	100	623334	270@0	DFT_QAM256	-3.50	31.03	PASS
n77	30	100	623334	270@0	DFT_QAM256	-16.50	27.87	PASS
n77	30	100	623334	270@0	DFT_QAM256	-100.50	21.19	PASS
n77	30	100	623334	270@0	DFT_QAM256	0.50	32.49	PASS
n77	30	100	623334	270@0	DFT_QAM256	4.50	32.03	PASS
n77	30	100	623334	270@0	DFT_QAM256	12.50	29.04	PASS
n77	30	100	623334	270@0	DFT_QAM256	100.50	23.02	PASS
n77	30	100	623334	1@0	CP_QPSK	-0.02	8.13	PASS
n77	30	100	623334	1@0	CP_QPSK	-1.50	28.21	PASS
n77	30	100	623334	1@0	CP_QPSK	-20.50	30.41	PASS
n77	30	100	623334	1@0	CP_QPSK	-100.50	22.77	PASS
n77	30	100	623334	1@0	CP_QPSK	0.95	35.96	PASS
n77	30	100	623334	1@0	CP_QPSK	1.50	36.31	PASS
n77	30	100	623334	1@0	CP_QPSK	10.50	31.48	PASS
n77	30	100	623334	1@0	CP_QPSK	100.50	24.58	PASS
n77	30	100	623334	273@0	CP_QPSK	-0.02	7.88	PASS
n77	30	100	623334	273@0	CP_QPSK	-1.50	28.02	PASS
n77	30	100	623334	273@0	CP_QPSK	-20.50	30.39	PASS
n77	30	100	623334	273@0	CP_QPSK	-100.50	22.88	PASS
n77	30	100	623334	273@0	CP_QPSK	0.86	35.75	PASS
n77	30	100	623334	273@0	CP_QPSK	1.50	36.45	PASS
n77	30	100	623334	273@0	CP_QPSK	10.50	31.51	PASS
n77	30	100	623334	273@0	CP_QPSK	100.50	24.54	PASS
n77	30	100	623334	1@0	CP_QAM16	-0.02	8.38	PASS
n77	30	100	623334	1@0	CP_QAM16	-1.50	28.29	PASS
n77	30	100	623334	1@0	CP_QAM16	-20.50	30.38	PASS
n77	30	100	623334	1@0	CP_QAM16	-100.50	22.97	PASS
n77	30	100	623334	1@0	CP_QAM16	0.95	35.79	PASS

n77	30	100	623334	1@0	CP_QAM16	1.50	36.44	PASS
n77	30	100	623334	1@0	CP_QAM16	10.50	31.42	PASS
n77	30	100	623334	1@0	CP_QAM16	100.50	24.62	PASS
n77	30	100	623334	273@0	CP_QAM16	-0.02	20.91	PASS
n77	30	100	623334	273@0	CP_QAM16	-1.50	35.39	PASS
n77	30	100	623334	273@0	CP_QAM16	-5.50	35.19	PASS
n77	30	100	623334	273@0	CP_QAM16	-100.50	23.43	PASS
n77	30	100	623334	273@0	CP_QAM16	0.99	40.54	PASS
n77	30	100	623334	273@0	CP_QAM16	1.50	39.98	PASS
n77	30	100	623334	273@0	CP_QAM16	56.50	34.86	PASS
n77	30	100	623334	273@0	CP_QAM16	100.50	25.18	PASS
n77	30	100	623334	1@0	CP_QAM64	-0.02	9.05	PASS
n77	30	100	623334	1@0	CP_QAM64	-1.50	28.07	PASS
n77	30	100	623334	1@0	CP_QAM64	-56.50	26.32	PASS
n77	30	100	623334	1@0	CP_QAM64	-100.50	22.54	PASS
n77	30	100	623334	1@0	CP_QAM64	0.89	35.31	PASS
n77	30	100	623334	1@0	CP_QAM64	1.50	36.28	PASS
n77	30	100	623334	1@0	CP_QAM64	10.50	31.36	PASS
n77	30	100	623334	1@0	CP_QAM64	100.50	24.17	PASS
n77	30	100	623334	273@0	CP_QAM64	-0.02	21.27	PASS
n77	30	100	623334	273@0	CP_QAM64	-1.50	34.77	PASS
n77	30	100	623334	273@0	CP_QAM64	-20.50	35.19	PASS
n77	30	100	623334	273@0	CP_QAM64	-100.50	23.53	PASS
n77	30	100	623334	273@0	CP_QAM64	0.02	40.43	PASS
n77	30	100	623334	273@0	CP_QAM64	2.50	40.04	PASS
n77	30	100	623334	273@0	CP_QAM64	56.50	32.16	PASS
n77	30	100	623334	273@0	CP_QAM64	100.50	25.07	PASS
n77	30	100	623334	1@0	CP_QAM256	-0.02	8.24	PASS
n77	30	100	623334	1@0	CP_QAM256	-1.50	27.92	PASS
n77	30	100	623334	1@0	CP_QAM256	-20.50	30.13	PASS
n77	30	100	623334	1@0	CP_QAM256	-102.50	22.61	PASS
n77	30	100	623334	1@0	CP_QAM256	0.92	36.20	PASS
n77	30	100	623334	1@0	CP_QAM256	1.50	36.15	PASS
n77	30	100	623334	1@0	CP_QAM256	10.50	31.21	PASS
n77	30	100	623334	1@0	CP_QAM256	100.50	24.08	PASS
n77	30	100	623334	273@0	CP_QAM256	-0.02	21.46	PASS
n77	30	100	623334	273@0	CP_QAM256	-1.50	35.25	PASS
n77	30	100	623334	273@0	CP_QAM256	-5.50	34.87	PASS
n77	30	100	623334	273@0	CP_QAM256	-100.50	23.49	PASS
n77	30	100	623334	273@0	CP_QAM256	0.17	40.35	PASS
n77	30	100	623334	273@0	CP_QAM256	1.50	40.07	PASS
n77	30	100	623334	273@0	CP_QAM256	17.50	35.63	PASS
n77	30	100	623334	273@0	CP_QAM256	100.50	25.21	PASS
n77	30	100	676666	1@272	DFT_BPSK	-0.80	33.85	PASS

n77	30	100	676666	1@272	DFT_BPSK	-1.50	34.10	PASS
n77	30	100	676666	1@272	DFT_BPSK	-10.50	28.82	PASS
n77	30	100	676666	1@272	DFT_BPSK	-100.50	21.97	PASS
n77	30	100	676666	1@272	DFT_BPSK	0.02	8.36	PASS
n77	30	100	676666	1@272	DFT_BPSK	1.50	27.18	PASS
n77	30	100	676666	1@272	DFT_BPSK	5.50	30.39	PASS
n77	30	100	676666	1@272	DFT_BPSK	100.50	24.96	PASS
n77	30	100	676666	270@0	DFT_BPSK	-0.02	24.86	PASS
n77	30	100	676666	270@0	DFT_BPSK	-1.50	27.52	PASS
n77	30	100	676666	270@0	DFT_BPSK	-17.50	24.68	PASS
n77	30	100	676666	270@0	DFT_BPSK	-102.50	21.59	PASS
n77	30	100	676666	270@0	DFT_BPSK	0.74	28.85	PASS
n77	30	100	676666	270@0	DFT_BPSK	1.50	28.55	PASS
n77	30	100	676666	270@0	DFT_BPSK	5.50	26.08	PASS
n77	30	100	676666	270@0	DFT_BPSK	100.50	24.51	PASS
n77	30	100	676666	1@272	DFT_QPSK	-0.99	33.79	PASS
n77	30	100	676666	1@272	DFT_QPSK	-1.50	34.09	PASS
n77	30	100	676666	1@272	DFT_QPSK	-10.50	28.38	PASS
n77	30	100	676666	1@272	DFT_QPSK	-100.50	22.91	PASS
n77	30	100	676666	1@272	DFT_QPSK	0.02	7.99	PASS
n77	30	100	676666	1@272	DFT_QPSK	1.50	26.77	PASS
n77	30	100	676666	1@272	DFT_QPSK	20.50	29.89	PASS
n77	30	100	676666	1@272	DFT_QPSK	100.50	25.58	PASS
n77	30	100	676666	270@0	DFT_QPSK	-0.02	23.58	PASS
n77	30	100	676666	270@0	DFT_QPSK	-1.50	26.70	PASS
n77	30	100	676666	270@0	DFT_QPSK	-16.50	24.27	PASS
n77	30	100	676666	270@0	DFT_QPSK	-102.50	21.44	PASS
n77	30	100	676666	270@0	DFT_QPSK	0.02	28.53	PASS
n77	30	100	676666	270@0	DFT_QPSK	1.50	28.59	PASS
n77	30	100	676666	270@0	DFT_QPSK	14.50	26.08	PASS
n77	30	100	676666	270@0	DFT_QPSK	100.50	24.57	PASS
n77	30	100	676666	1@272	DFT_QAM16	-0.98	33.88	PASS
n77	30	100	676666	1@272	DFT_QAM16	-1.50	33.89	PASS
n77	30	100	676666	1@272	DFT_QAM16	-10.50	28.44	PASS
n77	30	100	676666	1@272	DFT_QAM16	-104.50	22.79	PASS
n77	30	100	676666	1@272	DFT_QAM16	0.02	6.70	PASS
n77	30	100	676666	1@272	DFT_QAM16	1.50	26.62	PASS
n77	30	100	676666	1@272	DFT_QAM16	5.50	30.06	PASS
n77	30	100	676666	1@272	DFT_QAM16	100.50	25.49	PASS
n77	30	100	676666	270@0	DFT_QAM16	-0.02	26.14	PASS
n77	30	100	676666	270@0	DFT_QAM16	-4.50	27.41	PASS
n77	30	100	676666	270@0	DFT_QAM16	-16.50	24.58	PASS
n77	30	100	676666	270@0	DFT_QAM16	-102.50	21.16	PASS
n77	30	100	676666	270@0	DFT_QAM16	0.02	28.92	PASS

n77	30	100	676666	270@0	DFT_QAM16	2.50	28.94	PASS
n77	30	100	676666	270@0	DFT_QAM16	14.50	26.20	PASS
n77	30	100	676666	270@0	DFT_QAM16	100.50	24.10	PASS
n77	30	100	676666	1@272	DFT_QAM64	-0.95	33.46	PASS
n77	30	100	676666	1@272	DFT_QAM64	-1.50	34.40	PASS
n77	30	100	676666	1@272	DFT_QAM64	-10.50	28.93	PASS
n77	30	100	676666	1@272	DFT_QAM64	-100.50	23.01	PASS
n77	30	100	676666	1@272	DFT_QAM64	0.02	8.87	PASS
n77	30	100	676666	1@272	DFT_QAM64	1.50	27.43	PASS
n77	30	100	676666	1@272	DFT_QAM64	5.50	30.36	PASS
n77	30	100	676666	1@272	DFT_QAM64	100.50	25.42	PASS
n77	30	100	676666	270@0	DFT_QAM64	-0.02	26.11	PASS
n77	30	100	676666	270@0	DFT_QAM64	-1.50	27.29	PASS
n77	30	100	676666	270@0	DFT_QAM64	-6.50	24.60	PASS
n77	30	100	676666	270@0	DFT_QAM64	-103.50	21.48	PASS
n77	30	100	676666	270@0	DFT_QAM64	0.74	29.16	PASS
n77	30	100	676666	270@0	DFT_QAM64	1.50	28.67	PASS
n77	30	100	676666	270@0	DFT_QAM64	5.50	26.02	PASS
n77	30	100	676666	270@0	DFT_QAM64	100.50	24.14	PASS
n77	30	100	676666	1@272	DFT_QAM256	-0.92	34.31	PASS
n77	30	100	676666	1@272	DFT_QAM256	-1.50	34.03	PASS
n77	30	100	676666	1@272	DFT_QAM256	-10.50	29.09	PASS
n77	30	100	676666	1@272	DFT_QAM256	-100.50	22.76	PASS
n77	30	100	676666	1@272	DFT_QAM256	0.02	9.01	PASS
n77	30	100	676666	1@272	DFT_QAM256	1.50	27.45	PASS
n77	30	100	676666	1@272	DFT_QAM256	5.50	30.27	PASS
n77	30	100	676666	1@272	DFT_QAM256	100.50	25.42	PASS
n77	30	100	676666	270@0	DFT_QAM256	-0.05	26.27	PASS
n77	30	100	676666	270@0	DFT_QAM256	-1.50	27.26	PASS
n77	30	100	676666	270@0	DFT_QAM256	-16.50	24.63	PASS
n77	30	100	676666	270@0	DFT_QAM256	-100.50	20.59	PASS
n77	30	100	676666	270@0	DFT_QAM256	0.02	29.13	PASS
n77	30	100	676666	270@0	DFT_QAM256	1.50	28.59	PASS
n77	30	100	676666	270@0	DFT_QAM256	5.50	26.00	PASS
n77	30	100	676666	270@0	DFT_QAM256	100.50	23.64	PASS
n77	30	100	676666	1@272	CP_QPSK	-0.99	34.05	PASS
n77	30	100	676666	1@272	CP_QPSK	-1.50	34.32	PASS
n77	30	100	676666	1@272	CP_QPSK	-10.50	29.00	PASS
n77	30	100	676666	1@272	CP_QPSK	-104.50	22.79	PASS
n77	30	100	676666	1@272	CP_QPSK	0.02	8.96	PASS
n77	30	100	676666	1@272	CP_QPSK	1.50	27.34	PASS
n77	30	100	676666	1@272	CP_QPSK	5.50	30.35	PASS
n77	30	100	676666	1@272	CP_QPSK	100.50	25.58	PASS
n77	30	100	676666	273@0	CP_QPSK	-0.02	20.30	PASS

n77	30	100	676666	273@0	CP_QPSK	-1.50	33.83	PASS
n77	30	100	676666	273@0	CP_QPSK	-5.50	34.61	PASS
n77	30	100	676666	273@0	CP_QPSK	-100.50	23.51	PASS
n77	30	100	676666	273@0	CP_QPSK	0.02	35.93	PASS
n77	30	100	676666	273@0	CP_QPSK	3.50	40.70	PASS
n77	30	100	676666	273@0	CP_QPSK	56.50	36.44	PASS
n77	30	100	676666	273@0	CP_QPSK	100.50	25.95	PASS
n77	30	100	676666	1@272	CP_QAM16	-0.92	33.88	PASS
n77	30	100	676666	1@272	CP_QAM16	-1.50	34.21	PASS
n77	30	100	676666	1@272	CP_QAM16	-10.50	28.86	PASS
n77	30	100	676666	1@272	CP_QAM16	-103.50	22.70	PASS
n77	30	100	676666	1@272	CP_QAM16	0.02	8.96	PASS
n77	30	100	676666	1@272	CP_QAM16	1.50	27.27	PASS
n77	30	100	676666	1@272	CP_QAM16	5.50	30.21	PASS
n77	30	100	676666	1@272	CP_QAM16	100.50	25.37	PASS
n77	30	100	676666	273@0	CP_QAM16	-0.02	19.79	PASS
n77	30	100	676666	273@0	CP_QAM16	-1.50	33.60	PASS
n77	30	100	676666	273@0	CP_QAM16	-5.50	34.56	PASS
n77	30	100	676666	273@0	CP_QAM16	-104.50	23.41	PASS
n77	30	100	676666	273@0	CP_QAM16	0.02	35.86	PASS
n77	30	100	676666	273@0	CP_QAM16	2.50	40.73	PASS
n77	30	100	676666	273@0	CP_QAM16	56.50	36.02	PASS
n77	30	100	676666	273@0	CP_QAM16	100.50	25.79	PASS
n77	30	100	676666	1@272	CP_QAM64	-0.99	34.06	PASS
n77	30	100	676666	1@272	CP_QAM64	-1.50	34.08	PASS
n77	30	100	676666	1@272	CP_QAM64	-17.50	28.53	PASS
n77	30	100	676666	1@272	CP_QAM64	-100.50	21.98	PASS
n77	30	100	676666	1@272	CP_QAM64	0.02	8.94	PASS
n77	30	100	676666	1@272	CP_QAM64	1.50	27.65	PASS
n77	30	100	676666	1@272	CP_QAM64	20.50	30.41	PASS
n77	30	100	676666	1@272	CP_QAM64	100.50	24.89	PASS
n77	30	100	676666	273@0	CP_QAM64	-0.02	20.47	PASS
n77	30	100	676666	273@0	CP_QAM64	-1.50	33.21	PASS
n77	30	100	676666	273@0	CP_QAM64	-5.50	34.84	PASS
n77	30	100	676666	273@0	CP_QAM64	-100.50	23.46	PASS
n77	30	100	676666	273@0	CP_QAM64	0.02	36.42	PASS
n77	30	100	676666	273@0	CP_QAM64	2.50	40.68	PASS
n77	30	100	676666	273@0	CP_QAM64	56.50	37.20	PASS
n77	30	100	676666	273@0	CP_QAM64	100.50	25.86	PASS
n77	30	100	676666	1@272	CP_QAM256	-0.47	31.86	PASS
n77	30	100	676666	1@272	CP_QAM256	-1.50	31.33	PASS
n77	30	100	676666	1@272	CP_QAM256	-10.50	27.25	PASS
n77	30	100	676666	1@272	CP_QAM256	-100.50	17.47	PASS
n77	30	100	676666	1@272	CP_QAM256	0.02	9.02	PASS

n77	30	100	676666	1@272	CP_QAM256	1.50	27.34	PASS
n77	30	100	676666	1@272	CP_QAM256	5.50	29.03	PASS
n77	30	100	676666	1@272	CP_QAM256	101.50	20.80	PASS
n77	30	100	676666	273@0	CP_QAM256	-0.02	20.76	PASS
n77	30	100	676666	273@0	CP_QAM256	-1.50	33.86	PASS
n77	30	100	676666	273@0	CP_QAM256	-5.50	34.65	PASS
n77	30	100	676666	273@0	CP_QAM256	-102.50	23.52	PASS
n77	30	100	676666	273@0	CP_QAM256	0.02	36.27	PASS
n77	30	100	676666	273@0	CP_QAM256	2.50	40.47	PASS
n77	30	100	676666	273@0	CP_QAM256	56.50	35.57	PASS
n77	30	100	676666	273@0	CP_QAM256	100.50	25.94	PASS
n78	30	10	647000	1@0	DFT_BPSK	-0.05	12.98	PASS
n78	30	10	647000	1@0	DFT_BPSK	-1.50	27.30	PASS
n78	30	10	647000	1@0	DFT_BPSK	-5.50	28.47	PASS
n78	30	10	647000	1@0	DFT_BPSK	-11.50	17.48	PASS
n78	30	10	647000	1@0	DFT_BPSK	0.05	33.76	PASS
n78	30	10	647000	1@0	DFT_BPSK	1.50	30.43	PASS
n78	30	10	647000	1@0	DFT_BPSK	5.50	28.81	PASS
n78	30	10	647000	1@0	DFT_BPSK	10.50	19.83	PASS
n78	30	10	647000	24@0	DFT_BPSK	-0.05	24.05	PASS
n78	30	10	647000	24@0	DFT_BPSK	-3.50	22.95	PASS
n78	30	10	647000	24@0	DFT_BPSK	-5.50	24.60	PASS
n78	30	10	647000	24@0	DFT_BPSK	-10.50	17.15	PASS
n78	30	10	647000	24@0	DFT_BPSK	0.05	23.35	PASS
n78	30	10	647000	24@0	DFT_BPSK	3.50	24.26	PASS
n78	30	10	647000	24@0	DFT_BPSK	5.50	25.50	PASS
n78	30	10	647000	24@0	DFT_BPSK	10.50	16.98	PASS
n78	30	10	647000	1@0	DFT_QPSK	-0.05	12.98	PASS
n78	30	10	647000	1@0	DFT_QPSK	-1.50	27.31	PASS
n78	30	10	647000	1@0	DFT_QPSK	-5.50	29.33	PASS
n78	30	10	647000	1@0	DFT_QPSK	-12.50	19.01	PASS
n78	30	10	647000	1@0	DFT_QPSK	0.05	34.83	PASS
n78	30	10	647000	1@0	DFT_QPSK	1.50	31.07	PASS
n78	30	10	647000	1@0	DFT_QPSK	5.50	29.73	PASS
n78	30	10	647000	1@0	DFT_QPSK	10.50	22.28	PASS
n78	30	10	647000	24@0	DFT_QPSK	-0.05	23.75	PASS
n78	30	10	647000	24@0	DFT_QPSK	-1.50	22.98	PASS
n78	30	10	647000	24@0	DFT_QPSK	-5.50	21.43	PASS
n78	30	10	647000	24@0	DFT_QPSK	-10.50	17.12	PASS
n78	30	10	647000	24@0	DFT_QPSK	0.05	25.19	PASS
n78	30	10	647000	24@0	DFT_QPSK	1.50	24.09	PASS
n78	30	10	647000	24@0	DFT_QPSK	5.50	21.99	PASS
n78	30	10	647000	24@0	DFT_QPSK	11.50	16.66	PASS
n78	30	10	647000	1@0	DFT_QAM16	-0.05	14.00	PASS

n78	30	10	647000	1@0	DFT_QAM16	-1.50	28.19	PASS
n78	30	10	647000	1@0	DFT_QAM16	-5.50	29.87	PASS
n78	30	10	647000	1@0	DFT_QAM16	-11.50	19.59	PASS
n78	30	10	647000	1@0	DFT_QAM16	0.05	35.36	PASS
n78	30	10	647000	1@0	DFT_QAM16	1.50	31.18	PASS
n78	30	10	647000	1@0	DFT_QAM16	5.50	29.91	PASS
n78	30	10	647000	1@0	DFT_QAM16	10.50	22.55	PASS
n78	30	10	647000	24@0	DFT_QAM16	-0.05	25.07	PASS
n78	30	10	647000	24@0	DFT_QAM16	-1.50	22.66	PASS
n78	30	10	647000	24@0	DFT_QAM16	-5.50	22.79	PASS
n78	30	10	647000	24@0	DFT_QAM16	-10.50	17.34	PASS
n78	30	10	647000	24@0	DFT_QAM16	0.05	24.54	PASS
n78	30	10	647000	24@0	DFT_QAM16	1.50	23.12	PASS
n78	30	10	647000	24@0	DFT_QAM16	5.50	22.97	PASS
n78	30	10	647000	24@0	DFT_QAM16	10.50	16.98	PASS
n78	30	10	647000	1@0	DFT_QAM64	-0.05	14.45	PASS
n78	30	10	647000	1@0	DFT_QAM64	-1.50	28.51	PASS
n78	30	10	647000	1@0	DFT_QAM64	-5.50	30.16	PASS
n78	30	10	647000	1@0	DFT_QAM64	-11.50	19.94	PASS
n78	30	10	647000	1@0	DFT_QAM64	0.05	35.49	PASS
n78	30	10	647000	1@0	DFT_QAM64	1.50	31.60	PASS
n78	30	10	647000	1@0	DFT_QAM64	5.50	30.33	PASS
n78	30	10	647000	1@0	DFT_QAM64	10.50	22.53	PASS
n78	30	10	647000	24@0	DFT_QAM64	-0.05	24.71	PASS
n78	30	10	647000	24@0	DFT_QAM64	-1.50	22.76	PASS
n78	30	10	647000	24@0	DFT_QAM64	-5.50	23.00	PASS
n78	30	10	647000	24@0	DFT_QAM64	-10.50	17.90	PASS
n78	30	10	647000	24@0	DFT_QAM64	0.05	25.06	PASS
n78	30	10	647000	24@0	DFT_QAM64	1.50	23.05	PASS
n78	30	10	647000	24@0	DFT_QAM64	5.50	22.85	PASS
n78	30	10	647000	24@0	DFT_QAM64	10.50	17.57	PASS
n78	30	10	647000	1@0	DFT_QAM256	-0.05	14.29	PASS
n78	30	10	647000	1@0	DFT_QAM256	-1.50	28.68	PASS
n78	30	10	647000	1@0	DFT_QAM256	-5.50	30.00	PASS
n78	30	10	647000	1@0	DFT_QAM256	-10.50	19.87	PASS
n78	30	10	647000	1@0	DFT_QAM256	0.15	35.91	PASS
n78	30	10	647000	1@0	DFT_QAM256	1.50	31.60	PASS
n78	30	10	647000	1@0	DFT_QAM256	5.50	30.30	PASS
n78	30	10	647000	1@0	DFT_QAM256	10.50	22.49	PASS
n78	30	10	647000	24@0	DFT_QAM256	-0.05	24.93	PASS
n78	30	10	647000	24@0	DFT_QAM256	-1.50	22.82	PASS
n78	30	10	647000	24@0	DFT_QAM256	-5.50	23.06	PASS
n78	30	10	647000	24@0	DFT_QAM256	-10.50	17.82	PASS
n78	30	10	647000	24@0	DFT_QAM256	0.05	25.21	PASS

n78	30	10	647000	24@0	DFT_QAM256	1.50	23.28	PASS
n78	30	10	647000	24@0	DFT_QAM256	5.50	23.07	PASS
n78	30	10	647000	24@0	DFT_QAM256	10.50	17.44	PASS
n78	30	10	647000	1@0	CP_QPSK	-0.05	26.43	PASS
n78	30	10	647000	1@0	CP_QPSK	-1.50	22.49	PASS
n78	30	10	647000	1@0	CP_QPSK	-5.50	23.62	PASS
n78	30	10	647000	1@0	CP_QPSK	-10.50	17.53	PASS
n78	30	10	647000	1@0	CP_QPSK	0.05	25.47	PASS
n78	30	10	647000	1@0	CP_QPSK	1.50	22.57	PASS
n78	30	10	647000	1@0	CP_QPSK	5.50	23.64	PASS
n78	30	10	647000	1@0	CP_QPSK	10.50	17.34	PASS
n78	30	10	647000	24@0	CP_QPSK	-0.05	26.42	PASS
n78	30	10	647000	24@0	CP_QPSK	-1.50	22.35	PASS
n78	30	10	647000	24@0	CP_QPSK	-5.50	23.57	PASS
n78	30	10	647000	24@0	CP_QPSK	-10.50	17.65	PASS
n78	30	10	647000	24@0	CP_QPSK	0.05	25.44	PASS
n78	30	10	647000	24@0	CP_QPSK	1.50	22.50	PASS
n78	30	10	647000	24@0	CP_QPSK	5.50	23.59	PASS
n78	30	10	647000	24@0	CP_QPSK	10.50	17.28	PASS
n78	30	10	647000	1@0	CP_QAM16	-0.05	15.74	PASS
n78	30	10	647000	1@0	CP_QAM16	-1.50	28.63	PASS
n78	30	10	647000	1@0	CP_QAM16	-5.50	29.90	PASS
n78	30	10	647000	1@0	CP_QAM16	-10.50	20.10	PASS
n78	30	10	647000	1@0	CP_QAM16	0.05	35.39	PASS
n78	30	10	647000	1@0	CP_QAM16	1.50	30.90	PASS
n78	30	10	647000	1@0	CP_QAM16	5.50	29.89	PASS
n78	30	10	647000	1@0	CP_QAM16	10.50	22.81	PASS
n78	30	10	647000	24@0	CP_QAM16	-0.05	24.06	PASS
n78	30	10	647000	24@0	CP_QAM16	-1.50	21.08	PASS
n78	30	10	647000	24@0	CP_QAM16	-5.50	23.10	PASS
n78	30	10	647000	24@0	CP_QAM16	-10.50	17.35	PASS
n78	30	10	647000	24@0	CP_QAM16	0.05	24.68	PASS
n78	30	10	647000	24@0	CP_QAM16	1.50	21.62	PASS
n78	30	10	647000	24@0	CP_QAM16	5.50	23.20	PASS
n78	30	10	647000	24@0	CP_QAM16	10.50	16.94	PASS
n78	30	10	647000	1@0	CP_QAM64	-0.05	14.90	PASS
n78	30	10	647000	1@0	CP_QAM64	-1.50	28.84	PASS
n78	30	10	647000	1@0	CP_QAM64	-5.50	30.48	PASS
n78	30	10	647000	1@0	CP_QAM64	-11.50	20.10	PASS
n78	30	10	647000	1@0	CP_QAM64	0.05	35.88	PASS
n78	30	10	647000	1@0	CP_QAM64	1.50	31.58	PASS
n78	30	10	647000	1@0	CP_QAM64	7.50	28.80	PASS
n78	30	10	647000	1@0	CP_QAM64	10.50	22.12	PASS
n78	30	10	647000	24@0	CP_QAM64	-0.05	26.84	PASS

n78	30	10	647000	24@0	CP_QAM64	-1.50	22.95	PASS
n78	30	10	647000	24@0	CP_QAM64	-5.50	24.46	PASS
n78	30	10	647000	24@0	CP_QAM64	-10.50	18.47	PASS
n78	30	10	647000	24@0	CP_QAM64	0.05	25.60	PASS
n78	30	10	647000	24@0	CP_QAM64	1.50	23.12	PASS
n78	30	10	647000	24@0	CP_QAM64	5.50	24.07	PASS
n78	30	10	647000	24@0	CP_QAM64	10.50	18.26	PASS
n78	30	10	647000	1@0	CP_QAM256	-0.05	16.09	PASS
n78	30	10	647000	1@0	CP_QAM256	-1.50	28.91	PASS
n78	30	10	647000	1@0	CP_QAM256	-5.50	30.52	PASS
n78	30	10	647000	1@0	CP_QAM256	-10.50	20.08	PASS
n78	30	10	647000	1@0	CP_QAM256	0.05	35.88	PASS
n78	30	10	647000	1@0	CP_QAM256	1.50	31.45	PASS
n78	30	10	647000	1@0	CP_QAM256	7.50	29.28	PASS
n78	30	10	647000	1@0	CP_QAM256	10.50	22.70	PASS
n78	30	10	647000	24@0	CP_QAM256	-0.05	26.93	PASS
n78	30	10	647000	24@0	CP_QAM256	-1.50	22.92	PASS
n78	30	10	647000	24@0	CP_QAM256	-5.50	24.24	PASS
n78	30	10	647000	24@0	CP_QAM256	-10.50	18.34	PASS
n78	30	10	647000	24@0	CP_QAM256	0.05	25.77	PASS
n78	30	10	647000	24@0	CP_QAM256	1.50	22.99	PASS
n78	30	10	647000	24@0	CP_QAM256	5.50	23.91	PASS
n78	30	10	647000	24@0	CP_QAM256	10.50	18.17	PASS
n78	30	10	653000	1@23	DFT_BPSK	-0.05	35.27	PASS
n78	30	10	653000	1@23	DFT_BPSK	-1.50	31.05	PASS
n78	30	10	653000	1@23	DFT_BPSK	-7.50	27.01	PASS
n78	30	10	653000	1@23	DFT_BPSK	-10.50	23.57	PASS
n78	30	10	653000	1@23	DFT_BPSK	0.05	15.19	PASS
n78	30	10	653000	1@23	DFT_BPSK	1.50	28.43	PASS
n78	30	10	653000	1@23	DFT_BPSK	5.50	30.60	PASS
n78	30	10	653000	1@23	DFT_BPSK	10.50	21.19	PASS
n78	30	10	653000	24@0	DFT_BPSK	-0.05	23.60	PASS
n78	30	10	653000	24@0	DFT_BPSK	-3.50	22.89	PASS
n78	30	10	653000	24@0	DFT_BPSK	-5.50	24.07	PASS
n78	30	10	653000	24@0	DFT_BPSK	-10.50	17.29	PASS
n78	30	10	653000	24@0	DFT_BPSK	0.05	23.18	PASS
n78	30	10	653000	24@0	DFT_BPSK	3.50	23.45	PASS
n78	30	10	653000	24@0	DFT_BPSK	5.50	24.57	PASS
n78	30	10	653000	24@0	DFT_BPSK	10.50	16.85	PASS
n78	30	10	653000	1@23	DFT_QPSK	-0.15	33.89	PASS
n78	30	10	653000	1@23	DFT_QPSK	-1.50	30.62	PASS
n78	30	10	653000	1@23	DFT_QPSK	-5.50	29.18	PASS
n78	30	10	653000	1@23	DFT_QPSK	-10.50	21.97	PASS
n78	30	10	653000	1@23	DFT_QPSK	0.05	14.55	PASS

n78	30	10	653000	1@23	DFT_QPSK	1.50	27.10	PASS
n78	30	10	653000	1@23	DFT_QPSK	5.50	28.70	PASS
n78	30	10	653000	1@23	DFT_QPSK	12.50	18.30	PASS
n78	30	10	653000	24@0	DFT_QPSK	-0.05	22.50	PASS
n78	30	10	653000	24@0	DFT_QPSK	-1.50	21.79	PASS
n78	30	10	653000	24@0	DFT_QPSK	-5.50	20.58	PASS
n78	30	10	653000	24@0	DFT_QPSK	-10.50	16.76	PASS
n78	30	10	653000	24@0	DFT_QPSK	0.05	23.98	PASS
n78	30	10	653000	24@0	DFT_QPSK	1.50	22.33	PASS
n78	30	10	653000	24@0	DFT_QPSK	5.50	21.18	PASS
n78	30	10	653000	24@0	DFT_QPSK	10.50	16.49	PASS
n78	30	10	653000	1@23	DFT_QAM16	-0.15	34.30	PASS
n78	30	10	653000	1@23	DFT_QAM16	-1.50	30.64	PASS
n78	30	10	653000	1@23	DFT_QAM16	-7.50	29.47	PASS
n78	30	10	653000	1@23	DFT_QAM16	-10.50	22.12	PASS
n78	30	10	653000	1@23	DFT_QAM16	0.05	13.58	PASS
n78	30	10	653000	1@23	DFT_QAM16	1.50	27.41	PASS
n78	30	10	653000	1@23	DFT_QAM16	5.50	29.23	PASS
n78	30	10	653000	1@23	DFT_QAM16	11.50	18.92	PASS
n78	30	10	653000	24@0	DFT_QAM16	-0.05	24.35	PASS
n78	30	10	653000	24@0	DFT_QAM16	-1.50	21.65	PASS
n78	30	10	653000	24@0	DFT_QAM16	-5.50	22.21	PASS
n78	30	10	653000	24@0	DFT_QAM16	-10.50	16.97	PASS
n78	30	10	653000	24@0	DFT_QAM16	0.05	23.15	PASS
n78	30	10	653000	24@0	DFT_QAM16	1.50	21.98	PASS
n78	30	10	653000	24@0	DFT_QAM16	5.50	22.32	PASS
n78	30	10	653000	24@0	DFT_QAM16	10.50	16.52	PASS
n78	30	10	653000	1@23	DFT_QAM64	-0.05	35.08	PASS
n78	30	10	653000	1@23	DFT_QAM64	-1.50	30.98	PASS
n78	30	10	653000	1@23	DFT_QAM64	-7.50	29.91	PASS
n78	30	10	653000	1@23	DFT_QAM64	-10.50	22.35	PASS
n78	30	10	653000	1@23	DFT_QAM64	0.05	14.60	PASS
n78	30	10	653000	1@23	DFT_QAM64	1.50	28.09	PASS
n78	30	10	653000	1@23	DFT_QAM64	5.50	29.87	PASS
n78	30	10	653000	1@23	DFT_QAM64	11.50	19.57	PASS
n78	30	10	653000	24@0	DFT_QAM64	-0.05	24.63	PASS
n78	30	10	653000	24@0	DFT_QAM64	-1.50	21.95	PASS
n78	30	10	653000	24@0	DFT_QAM64	-5.50	22.65	PASS
n78	30	10	653000	24@0	DFT_QAM64	-10.50	17.55	PASS
n78	30	10	653000	24@0	DFT_QAM64	0.05	24.11	PASS
n78	30	10	653000	24@0	DFT_QAM64	1.50	22.40	PASS
n78	30	10	653000	24@0	DFT_QAM64	5.50	22.79	PASS
n78	30	10	653000	24@0	DFT_QAM64	10.50	17.34	PASS
n78	30	10	653000	1@23	DFT_QAM256	-0.05	34.67	PASS

n78	30	10	653000	1@23	DFT_QAM256	-1.50	31.04	PASS
n78	30	10	653000	1@23	DFT_QAM256	-7.50	29.48	PASS
n78	30	10	653000	1@23	DFT_QAM256	-10.50	21.89	PASS
n78	30	10	653000	1@23	DFT_QAM256	0.05	14.57	PASS
n78	30	10	653000	1@23	DFT_QAM256	1.50	27.89	PASS
n78	30	10	653000	1@23	DFT_QAM256	5.50	29.59	PASS
n78	30	10	653000	1@23	DFT_QAM256	10.50	18.94	PASS
n78	30	10	653000	24@0	DFT_QAM256	-0.05	24.54	PASS
n78	30	10	653000	24@0	DFT_QAM256	-1.50	21.86	PASS
n78	30	10	653000	24@0	DFT_QAM256	-5.50	22.51	PASS
n78	30	10	653000	24@0	DFT_QAM256	-10.50	17.59	PASS
n78	30	10	653000	24@0	DFT_QAM256	0.05	24.39	PASS
n78	30	10	653000	24@0	DFT_QAM256	1.50	22.38	PASS
n78	30	10	653000	24@0	DFT_QAM256	5.50	22.70	PASS
n78	30	10	653000	24@0	DFT_QAM256	10.50	17.27	PASS
n78	30	10	653000	1@23	CP_QPSK	-0.05	25.47	PASS
n78	30	10	653000	1@23	CP_QPSK	-1.50	22.28	PASS
n78	30	10	653000	1@23	CP_QPSK	-5.50	23.15	PASS
n78	30	10	653000	1@23	CP_QPSK	-10.50	17.21	PASS
n78	30	10	653000	1@23	CP_QPSK	0.05	24.37	PASS
n78	30	10	653000	1@23	CP_QPSK	1.50	22.35	PASS
n78	30	10	653000	1@23	CP_QPSK	5.50	23.13	PASS
n78	30	10	653000	1@23	CP_QPSK	10.50	17.30	PASS
n78	30	10	653000	24@0	CP_QPSK	-0.05	25.09	PASS
n78	30	10	653000	24@0	CP_QPSK	-1.50	22.32	PASS
n78	30	10	653000	24@0	CP_QPSK	-5.50	23.13	PASS
n78	30	10	653000	24@0	CP_QPSK	-10.50	17.33	PASS
n78	30	10	653000	24@0	CP_QPSK	0.05	24.55	PASS
n78	30	10	653000	24@0	CP_QPSK	1.50	22.32	PASS
n78	30	10	653000	24@0	CP_QPSK	5.50	23.13	PASS
n78	30	10	653000	24@0	CP_QPSK	10.50	17.25	PASS
n78	30	10	653000	1@23	CP_QAM16	-0.15	34.51	PASS
n78	30	10	653000	1@23	CP_QAM16	-1.50	30.04	PASS
n78	30	10	653000	1@23	CP_QAM16	-7.50	27.61	PASS
n78	30	10	653000	1@23	CP_QAM16	-10.50	21.99	PASS
n78	30	10	653000	1@23	CP_QAM16	0.05	15.52	PASS
n78	30	10	653000	1@23	CP_QAM16	1.50	27.55	PASS
n78	30	10	653000	1@23	CP_QAM16	5.50	28.99	PASS
n78	30	10	653000	1@23	CP_QAM16	11.50	19.72	PASS
n78	30	10	653000	24@0	CP_QAM16	-0.05	23.82	PASS
n78	30	10	653000	24@0	CP_QAM16	-1.50	21.88	PASS
n78	30	10	653000	24@0	CP_QAM16	-5.50	23.00	PASS
n78	30	10	653000	24@0	CP_QAM16	-10.50	17.01	PASS
n78	30	10	653000	24@0	CP_QAM16	0.05	25.05	PASS

n78	30	10	653000	24@0	CP_QAM16	1.50	22.22	PASS
n78	30	10	653000	24@0	CP_QAM16	5.50	23.01	PASS
n78	30	10	653000	24@0	CP_QAM16	10.50	16.79	PASS
n78	30	10	653000	1@23	CP_QAM64	-0.15	34.97	PASS
n78	30	10	653000	1@23	CP_QAM64	-1.50	30.73	PASS
n78	30	10	653000	1@23	CP_QAM64	-7.50	27.23	PASS
n78	30	10	653000	1@23	CP_QAM64	-10.50	21.76	PASS
n78	30	10	653000	1@23	CP_QAM64	0.05	15.23	PASS
n78	30	10	653000	1@23	CP_QAM64	1.50	27.69	PASS
n78	30	10	653000	1@23	CP_QAM64	5.50	29.82	PASS
n78	30	10	653000	1@23	CP_QAM64	10.50	19.70	PASS
n78	30	10	653000	24@0	CP_QAM64	-0.05	25.59	PASS
n78	30	10	653000	24@0	CP_QAM64	-1.50	22.41	PASS
n78	30	10	653000	24@0	CP_QAM64	-5.50	23.51	PASS
n78	30	10	653000	24@0	CP_QAM64	-10.50	17.85	PASS
n78	30	10	653000	24@0	CP_QAM64	0.05	24.76	PASS
n78	30	10	653000	24@0	CP_QAM64	1.50	22.53	PASS
n78	30	10	653000	24@0	CP_QAM64	5.50	23.29	PASS
n78	30	10	653000	24@0	CP_QAM64	10.50	18.00	PASS
n78	30	10	653000	1@23	CP_QAM256	-0.15	34.30	PASS
n78	30	10	653000	1@23	CP_QAM256	-1.50	30.41	PASS
n78	30	10	653000	1@23	CP_QAM256	-7.50	27.77	PASS
n78	30	10	653000	1@23	CP_QAM256	-10.50	22.16	PASS
n78	30	10	653000	1@23	CP_QAM256	0.05	15.27	PASS
n78	30	10	653000	1@23	CP_QAM256	1.50	27.93	PASS
n78	30	10	653000	1@23	CP_QAM256	5.50	29.65	PASS
n78	30	10	653000	1@23	CP_QAM256	10.50	20.02	PASS
n78	30	10	653000	24@0	CP_QAM256	-0.05	25.72	PASS
n78	30	10	653000	24@0	CP_QAM256	-1.50	22.57	PASS
n78	30	10	653000	24@0	CP_QAM256	-5.50	23.64	PASS
n78	30	10	653000	24@0	CP_QAM256	-10.50	17.94	PASS
n78	30	10	653000	24@0	CP_QAM256	0.05	25.01	PASS
n78	30	10	653000	24@0	CP_QAM256	1.50	22.68	PASS
n78	30	10	653000	24@0	CP_QAM256	5.50	23.34	PASS
n78	30	10	653000	24@0	CP_QAM256	10.50	18.00	PASS
n78	30	100	650000	1@0	DFT_BPSK	-0.02	7.96	PASS
n78	30	100	650000	1@0	DFT_BPSK	-1.50	28.57	PASS
n78	30	100	650000	1@0	DFT_BPSK	-20.50	31.41	PASS
n78	30	100	650000	1@0	DFT_BPSK	-100.50	28.95	PASS
n78	30	100	650000	1@0	DFT_BPSK	0.89	36.73	PASS
n78	30	100	650000	1@0	DFT_BPSK	1.50	37.45	PASS
n78	30	100	650000	1@0	DFT_BPSK	10.50	32.27	PASS
n78	30	100	650000	1@0	DFT_BPSK	100.50	31.36	PASS
n78	30	100	650000	270@0	DFT_BPSK	-0.02	27.66	PASS

n78	30	100	650000	270@0	DFT_BPSK	-1.50	30.29	PASS
n78	30	100	650000	270@0	DFT_BPSK	-7.50	27.45	PASS
n78	30	100	650000	270@0	DFT_BPSK	-100.50	22.68	PASS
n78	30	100	650000	270@0	DFT_BPSK	0.02	30.12	PASS
n78	30	100	650000	270@0	DFT_BPSK	2.50	30.60	PASS
n78	30	100	650000	270@0	DFT_BPSK	7.50	27.94	PASS
n78	30	100	650000	270@0	DFT_BPSK	100.50	24.62	PASS
n78	30	100	650000	1@0	DFT_QPSK	-0.02	8.33	PASS
n78	30	100	650000	1@0	DFT_QPSK	-1.50	28.22	PASS
n78	30	100	650000	1@0	DFT_QPSK	-20.50	30.62	PASS
n78	30	100	650000	1@0	DFT_QPSK	-100.50	23.82	PASS
n78	30	100	650000	1@0	DFT_QPSK	0.14	36.15	PASS
n78	30	100	650000	1@0	DFT_QPSK	1.50	36.39	PASS
n78	30	100	650000	1@0	DFT_QPSK	10.50	31.89	PASS
n78	30	100	650000	1@0	DFT_QPSK	100.50	26.42	PASS
n78	30	100	650000	270@0	DFT_QPSK	-0.11	27.92	PASS
n78	30	100	650000	270@0	DFT_QPSK	-2.50	30.32	PASS
n78	30	100	650000	270@0	DFT_QPSK	-7.50	27.48	PASS
n78	30	100	650000	270@0	DFT_QPSK	-100.50	22.93	PASS
n78	30	100	650000	270@0	DFT_QPSK	0.23	30.11	PASS
n78	30	100	650000	270@0	DFT_QPSK	1.50	30.74	PASS
n78	30	100	650000	270@0	DFT_QPSK	7.50	27.94	PASS
n78	30	100	650000	270@0	DFT_QPSK	100.50	24.53	PASS
n78	30	100	650000	1@0	DFT_QAM16	-0.02	7.98	PASS
n78	30	100	650000	1@0	DFT_QAM16	-1.50	28.04	PASS
n78	30	100	650000	1@0	DFT_QAM16	-20.50	30.60	PASS
n78	30	100	650000	1@0	DFT_QAM16	-104.50	23.94	PASS
n78	30	100	650000	1@0	DFT_QAM16	0.83	35.76	PASS
n78	30	100	650000	1@0	DFT_QAM16	1.50	36.18	PASS
n78	30	100	650000	1@0	DFT_QAM16	10.50	31.74	PASS
n78	30	100	650000	1@0	DFT_QAM16	100.50	26.32	PASS
n78	30	100	650000	270@0	DFT_QAM16	-0.02	27.42	PASS
n78	30	100	650000	270@0	DFT_QAM16	-1.50	30.41	PASS
n78	30	100	650000	270@0	DFT_QAM16	-7.50	27.55	PASS
n78	30	100	650000	270@0	DFT_QAM16	-101.50	22.79	PASS
n78	30	100	650000	270@0	DFT_QAM16	0.29	30.13	PASS
n78	30	100	650000	270@0	DFT_QAM16	1.50	30.59	PASS
n78	30	100	650000	270@0	DFT_QAM16	7.50	27.77	PASS
n78	30	100	650000	270@0	DFT_QAM16	100.50	24.49	PASS
n78	30	100	650000	1@0	DFT_QAM64	-0.02	9.16	PASS
n78	30	100	650000	1@0	DFT_QAM64	-1.50	28.22	PASS
n78	30	100	650000	1@0	DFT_QAM64	-20.50	30.58	PASS
n78	30	100	650000	1@0	DFT_QAM64	-104.50	24.07	PASS
n78	30	100	650000	1@0	DFT_QAM64	0.02	36.27	PASS

n78	30	100	650000	1@0	DFT_QAM64	1.50	36.38	PASS
n78	30	100	650000	1@0	DFT_QAM64	10.50	31.73	PASS
n78	30	100	650000	1@0	DFT_QAM64	100.50	26.71	PASS
n78	30	100	650000	270@0	DFT_QAM64	-0.02	26.96	PASS
n78	30	100	650000	270@0	DFT_QAM64	-2.50	30.07	PASS
n78	30	100	650000	270@0	DFT_QAM64	-7.50	27.31	PASS
n78	30	100	650000	270@0	DFT_QAM64	-101.50	20.79	PASS
n78	30	100	650000	270@0	DFT_QAM64	0.23	30.56	PASS
n78	30	100	650000	270@0	DFT_QAM64	1.50	30.50	PASS
n78	30	100	650000	270@0	DFT_QAM64	7.50	27.79	PASS
n78	30	100	650000	270@0	DFT_QAM64	100.50	23.12	PASS
n78	30	100	650000	1@0	DFT_QAM256	-0.02	8.36	PASS
n78	30	100	650000	1@0	DFT_QAM256	-1.50	28.04	PASS
n78	30	100	650000	1@0	DFT_QAM256	-20.50	30.68	PASS
n78	30	100	650000	1@0	DFT_QAM256	-100.50	24.10	PASS
n78	30	100	650000	1@0	DFT_QAM256	0.02	36.36	PASS
n78	30	100	650000	1@0	DFT_QAM256	1.50	36.33	PASS
n78	30	100	650000	1@0	DFT_QAM256	10.50	31.62	PASS
n78	30	100	650000	1@0	DFT_QAM256	100.50	26.62	PASS
n78	30	100	650000	270@0	DFT_QAM256	-0.02	26.90	PASS
n78	30	100	650000	270@0	DFT_QAM256	-1.50	30.38	PASS
n78	30	100	650000	270@0	DFT_QAM256	-5.50	27.58	PASS
n78	30	100	650000	270@0	DFT_QAM256	-101.50	22.85	PASS
n78	30	100	650000	270@0	DFT_QAM256	0.95	30.27	PASS
n78	30	100	650000	270@0	DFT_QAM256	1.50	30.57	PASS
n78	30	100	650000	270@0	DFT_QAM256	7.50	27.83	PASS
n78	30	100	650000	270@0	DFT_QAM256	100.50	24.67	PASS
n78	30	100	650000	1@0	CP_QPSK	-0.02	7.21	PASS
n78	30	100	650000	1@0	CP_QPSK	-1.50	27.07	PASS
n78	30	100	650000	1@0	CP_QPSK	-20.50	30.25	PASS
n78	30	100	650000	1@0	CP_QPSK	-102.50	24.04	PASS
n78	30	100	650000	1@0	CP_QPSK	0.11	35.57	PASS
n78	30	100	650000	1@0	CP_QPSK	1.50	35.90	PASS
n78	30	100	650000	1@0	CP_QPSK	17.50	29.72	PASS
n78	30	100	650000	1@0	CP_QPSK	100.50	26.62	PASS
n78	30	100	650000	273@0	CP_QPSK	-0.02	7.25	PASS
n78	30	100	650000	273@0	CP_QPSK	-1.50	27.53	PASS
n78	30	100	650000	273@0	CP_QPSK	-20.50	29.95	PASS
n78	30	100	650000	273@0	CP_QPSK	-101.50	24.12	PASS
n78	30	100	650000	273@0	CP_QPSK	0.02	34.59	PASS
n78	30	100	650000	273@0	CP_QPSK	1.50	35.57	PASS
n78	30	100	650000	273@0	CP_QPSK	17.50	30.33	PASS
n78	30	100	650000	273@0	CP_QPSK	100.50	26.62	PASS
n78	30	100	650000	1@0	CP_QAM16	-0.02	7.99	PASS

n78	30	100	650000	1@0	CP_QAM16	-1.50	27.82	PASS
n78	30	100	650000	1@0	CP_QAM16	-20.50	30.81	PASS
n78	30	100	650000	1@0	CP_QAM16	-100.50	28.82	PASS
n78	30	100	650000	1@0	CP_QAM16	0.92	36.46	PASS
n78	30	100	650000	1@0	CP_QAM16	1.50	36.55	PASS
n78	30	100	650000	1@0	CP_QAM16	17.50	31.37	PASS
n78	30	100	650000	1@0	CP_QAM16	100.50	31.19	PASS
n78	30	100	650000	273@0	CP_QAM16	-0.02	7.94	PASS
n78	30	100	650000	273@0	CP_QAM16	-1.50	27.57	PASS
n78	30	100	650000	273@0	CP_QAM16	-20.50	30.31	PASS
n78	30	100	650000	273@0	CP_QAM16	-102.50	24.10	PASS
n78	30	100	650000	273@0	CP_QAM16	0.02	35.60	PASS
n78	30	100	650000	273@0	CP_QAM16	1.50	35.58	PASS
n78	30	100	650000	273@0	CP_QAM16	17.50	31.02	PASS
n78	30	100	650000	273@0	CP_QAM16	100.50	26.60	PASS
n78	30	100	650000	1@0	CP_QAM64	-0.02	9.02	PASS
n78	30	100	650000	1@0	CP_QAM64	-1.50	28.29	PASS
n78	30	100	650000	1@0	CP_QAM64	-20.50	30.30	PASS
n78	30	100	650000	1@0	CP_QAM64	-102.50	23.92	PASS
n78	30	100	650000	1@0	CP_QAM64	0.86	36.30	PASS
n78	30	100	650000	1@0	CP_QAM64	1.50	36.32	PASS
n78	30	100	650000	1@0	CP_QAM64	10.50	31.72	PASS
n78	30	100	650000	1@0	CP_QAM64	100.50	26.51	PASS
n78	30	100	650000	273@0	CP_QAM64	-0.02	8.65	PASS
n78	30	100	650000	273@0	CP_QAM64	-1.50	28.20	PASS
n78	30	100	650000	273@0	CP_QAM64	-20.50	30.55	PASS
n78	30	100	650000	273@0	CP_QAM64	-103.50	24.21	PASS
n78	30	100	650000	273@0	CP_QAM64	0.02	35.95	PASS
n78	30	100	650000	273@0	CP_QAM64	1.50	36.25	PASS
n78	30	100	650000	273@0	CP_QAM64	16.50	31.39	PASS
n78	30	100	650000	273@0	CP_QAM64	100.50	26.64	PASS
n78	30	100	650000	1@0	CP_QAM256	-0.02	9.33	PASS
n78	30	100	650000	1@0	CP_QAM256	-1.50	28.06	PASS
n78	30	100	650000	1@0	CP_QAM256	-20.50	30.55	PASS
n78	30	100	650000	1@0	CP_QAM256	-100.50	24.12	PASS
n78	30	100	650000	1@0	CP_QAM256	0.99	35.77	PASS
n78	30	100	650000	1@0	CP_QAM256	1.50	36.35	PASS
n78	30	100	650000	1@0	CP_QAM256	10.50	31.68	PASS
n78	30	100	650000	1@0	CP_QAM256	100.50	26.62	PASS
n78	30	100	650000	273@0	CP_QAM256	-0.02	8.49	PASS
n78	30	100	650000	273@0	CP_QAM256	-1.50	27.97	PASS
n78	30	100	650000	273@0	CP_QAM256	-20.50	30.46	PASS
n78	30	100	650000	273@0	CP_QAM256	-100.50	24.10	PASS
n78	30	100	650000	273@0	CP_QAM256	0.89	35.53	PASS

n78	30	100	650000	273@0	CP_QAM256	1.50	36.21	PASS
n78	30	100	650000	273@0	CP_QAM256	10.50	31.53	PASS
n78	30	100	650000	273@0	CP_QAM256	100.50	26.52	PASS
n8	30	10	177000	1@0	DFT_BPSK	-0.05	13.92	PASS
n8	30	10	177000	1@0	DFT_BPSK	-1.50	29.21	PASS
n8	30	10	177000	1@0	DFT_BPSK	-5.50	29.68	PASS
n8	30	10	177000	1@0	DFT_BPSK	-11.50	18.34	PASS
n8	30	10	177000	1@0	DFT_BPSK	0.15	35.85	PASS
n8	30	10	177000	1@0	DFT_BPSK	1.50	31.36	PASS
n8	30	10	177000	1@0	DFT_BPSK	7.50	28.62	PASS
n8	30	10	177000	1@0	DFT_BPSK	10.50	20.71	PASS
n8	30	10	177000	24@0	DFT_BPSK	-0.15	20.49	PASS
n8	30	10	177000	24@0	DFT_BPSK	-3.50	17.58	PASS
n8	30	10	177000	24@0	DFT_BPSK	-5.50	16.10	PASS
n8	30	10	177000	24@0	DFT_BPSK	-10.50	18.80	PASS
n8	30	10	177000	24@0	DFT_BPSK	0.05	20.91	PASS
n8	30	10	177000	24@0	DFT_BPSK	1.50	19.02	PASS
n8	30	10	177000	24@0	DFT_BPSK	5.50	18.63	PASS
n8	30	10	177000	24@0	DFT_BPSK	11.50	13.65	PASS
n8	30	10	177000	1@0	DFT_QPSK	-0.05	12.17	PASS
n8	30	10	177000	1@0	DFT_QPSK	-1.50	26.76	PASS
n8	30	10	177000	1@0	DFT_QPSK	-5.50	28.97	PASS
n8	30	10	177000	1@0	DFT_QPSK	-12.50	18.31	PASS
n8	30	10	177000	1@0	DFT_QPSK	0.05	35.10	PASS
n8	30	10	177000	1@0	DFT_QPSK	1.50	31.05	PASS
n8	30	10	177000	1@0	DFT_QPSK	7.50	28.34	PASS
n8	30	10	177000	1@0	DFT_QPSK	10.50	20.54	PASS
n8	30	10	177000	24@0	DFT_QPSK	-0.05	18.44	PASS
n8	30	10	177000	24@0	DFT_QPSK	-1.50	13.83	PASS
n8	30	10	177000	24@0	DFT_QPSK	-5.50	16.09	PASS
n8	30	10	177000	24@0	DFT_QPSK	-10.50	18.19	PASS
n8	30	10	177000	24@0	DFT_QPSK	0.05	20.04	PASS
n8	30	10	177000	24@0	DFT_QPSK	1.50	15.51	PASS
n8	30	10	177000	24@0	DFT_QPSK	5.50	16.66	PASS
n8	30	10	177000	24@0	DFT_QPSK	10.50	12.03	PASS
n8	30	10	177000	1@0	DFT_QAM16	-0.05	14.93	PASS
n8	30	10	177000	1@0	DFT_QAM16	-1.50	29.68	PASS
n8	30	10	177000	1@0	DFT_QAM16	-5.50	30.24	PASS
n8	30	10	177000	1@0	DFT_QAM16	-12.50	18.82	PASS
n8	30	10	177000	1@0	DFT_QAM16	0.15	36.58	PASS
n8	30	10	177000	1@0	DFT_QAM16	1.50	31.62	PASS
n8	30	10	177000	1@0	DFT_QAM16	7.50	29.06	PASS
n8	30	10	177000	1@0	DFT_QAM16	10.50	21.11	PASS
n8	30	10	177000	24@0	DFT_QAM16	-0.05	20.13	PASS

n8	30	10	177000	24@0	DFT_QAM16	-1.50	16.10	PASS
n8	30	10	177000	24@0	DFT_QAM16	-5.50	18.72	PASS
n8	30	10	177000	24@0	DFT_QAM16	-10.50	18.61	PASS
n8	30	10	177000	24@0	DFT_QAM16	0.05	22.22	PASS
n8	30	10	177000	24@0	DFT_QAM16	1.50	17.84	PASS
n8	30	10	177000	24@0	DFT_QAM16	5.50	18.99	PASS
n8	30	10	177000	24@0	DFT_QAM16	10.50	12.39	PASS
n8	30	10	177000	1@0	DFT_QAM64	-0.05	15.35	PASS
n8	30	10	177000	1@0	DFT_QAM64	-1.50	30.03	PASS
n8	30	10	177000	1@0	DFT_QAM64	-5.50	30.13	PASS
n8	30	10	177000	1@0	DFT_QAM64	-11.50	19.06	PASS
n8	30	10	177000	1@0	DFT_QAM64	0.05	36.46	PASS
n8	30	10	177000	1@0	DFT_QAM64	1.50	31.88	PASS
n8	30	10	177000	1@0	DFT_QAM64	7.50	29.15	PASS
n8	30	10	177000	1@0	DFT_QAM64	10.50	21.09	PASS
n8	30	10	177000	24@0	DFT_QAM64	-0.15	20.60	PASS
n8	30	10	177000	24@0	DFT_QAM64	-1.50	16.61	PASS
n8	30	10	177000	24@0	DFT_QAM64	-5.50	19.37	PASS
n8	30	10	177000	24@0	DFT_QAM64	-10.50	18.89	PASS
n8	30	10	177000	24@0	DFT_QAM64	0.05	22.36	PASS
n8	30	10	177000	24@0	DFT_QAM64	1.50	17.97	PASS
n8	30	10	177000	24@0	DFT_QAM64	5.50	19.65	PASS
n8	30	10	177000	24@0	DFT_QAM64	10.50	13.30	PASS
n8	30	10	177000	1@0	DFT_QAM256	-0.05	15.36	PASS
n8	30	10	177000	1@0	DFT_QAM256	-1.50	30.13	PASS
n8	30	10	177000	1@0	DFT_QAM256	-5.50	29.97	PASS
n8	30	10	177000	1@0	DFT_QAM256	-12.50	18.94	PASS
n8	30	10	177000	1@0	DFT_QAM256	0.05	36.14	PASS
n8	30	10	177000	1@0	DFT_QAM256	1.50	31.85	PASS
n8	30	10	177000	1@0	DFT_QAM256	7.50	29.42	PASS
n8	30	10	177000	1@0	DFT_QAM256	10.50	21.02	PASS
n8	30	10	177000	24@0	DFT_QAM256	-0.15	20.66	PASS
n8	30	10	177000	24@0	DFT_QAM256	-1.50	16.73	PASS
n8	30	10	177000	24@0	DFT_QAM256	-5.50	19.47	PASS
n8	30	10	177000	24@0	DFT_QAM256	-10.50	18.99	PASS
n8	30	10	177000	24@0	DFT_QAM256	0.05	22.46	PASS
n8	30	10	177000	24@0	DFT_QAM256	1.50	18.09	PASS
n8	30	10	177000	24@0	DFT_QAM256	5.50	19.70	PASS
n8	30	10	177000	24@0	DFT_QAM256	10.50	13.24	PASS
n8	30	10	177000	1@0	CP_QPSK	-0.85	18.98	PASS
n8	30	10	177000	1@0	CP_QPSK	-1.50	13.32	PASS
n8	30	10	177000	1@0	CP_QPSK	-5.50	17.83	PASS
n8	30	10	177000	1@0	CP_QPSK	-10.50	19.11	PASS
n8	30	10	177000	1@0	CP_QPSK	0.05	20.62	PASS

n8	30	10	177000	1@0	CP_QPSK	1.50	15.35	PASS
n8	30	10	177000	1@0	CP_QPSK	5.50	17.71	PASS
n8	30	10	177000	1@0	CP_QPSK	10.50	12.80	PASS
n8	30	10	177000	24@0	CP_QPSK	-0.85	18.24	PASS
n8	30	10	177000	24@0	CP_QPSK	-1.50	12.48	PASS
n8	30	10	177000	24@0	CP_QPSK	-5.50	17.14	PASS
n8	30	10	177000	24@0	CP_QPSK	-10.50	18.93	PASS
n8	30	10	177000	24@0	CP_QPSK	0.05	19.59	PASS
n8	30	10	177000	24@0	CP_QPSK	1.50	14.48	PASS
n8	30	10	177000	24@0	CP_QPSK	5.50	17.17	PASS
n8	30	10	177000	24@0	CP_QPSK	10.50	12.83	PASS
n8	30	10	177000	1@0	CP_QAM16	-0.05	16.69	PASS
n8	30	10	177000	1@0	CP_QAM16	-1.50	29.73	PASS
n8	30	10	177000	1@0	CP_QAM16	-5.50	30.01	PASS
n8	30	10	177000	1@0	CP_QAM16	-12.50	19.35	PASS
n8	30	10	177000	1@0	CP_QAM16	0.15	35.89	PASS
n8	30	10	177000	1@0	CP_QAM16	1.50	31.30	PASS
n8	30	10	177000	1@0	CP_QAM16	7.50	28.73	PASS
n8	30	10	177000	1@0	CP_QAM16	10.50	20.86	PASS
n8	30	10	177000	24@0	CP_QAM16	-0.15	16.53	PASS
n8	30	10	177000	24@0	CP_QAM16	-1.50	12.00	PASS
n8	30	10	177000	24@0	CP_QAM16	-5.50	17.03	PASS
n8	30	10	177000	24@0	CP_QAM16	-10.50	18.75	PASS
n8	30	10	177000	24@0	CP_QAM16	0.15	18.74	PASS
n8	30	10	177000	24@0	CP_QAM16	1.50	13.84	PASS
n8	30	10	177000	24@0	CP_QAM16	5.50	16.78	PASS
n8	30	10	177000	24@0	CP_QAM16	10.50	12.08	PASS
n8	30	10	177000	1@0	CP_QAM64	-0.05	19.56	PASS
n8	30	10	177000	1@0	CP_QAM64	-1.50	30.29	PASS
n8	30	10	177000	1@0	CP_QAM64	-5.50	30.27	PASS
n8	30	10	177000	1@0	CP_QAM64	-11.50	19.48	PASS
n8	30	10	177000	1@0	CP_QAM64	0.05	36.52	PASS
n8	30	10	177000	1@0	CP_QAM64	1.50	31.67	PASS
n8	30	10	177000	1@0	CP_QAM64	7.50	28.89	PASS
n8	30	10	177000	1@0	CP_QAM64	10.50	21.07	PASS
n8	30	10	177000	24@0	CP_QAM64	-0.05	19.25	PASS
n8	30	10	177000	24@0	CP_QAM64	-1.50	15.41	PASS
n8	30	10	177000	24@0	CP_QAM64	-5.50	20.00	PASS
n8	30	10	177000	24@0	CP_QAM64	-10.50	19.48	PASS
n8	30	10	177000	24@0	CP_QAM64	0.15	21.39	PASS
n8	30	10	177000	24@0	CP_QAM64	1.50	17.14	PASS
n8	30	10	177000	24@0	CP_QAM64	5.50	19.86	PASS
n8	30	10	177000	24@0	CP_QAM64	10.50	13.82	PASS
n8	30	10	177000	1@0	CP_QAM256	-0.05	19.68	PASS

n8	30	10	177000	1@0	CP_QAM256	-1.50	30.35	PASS
n8	30	10	177000	1@0	CP_QAM256	-5.50	30.34	PASS
n8	30	10	177000	1@0	CP_QAM256	-11.50	19.57	PASS
n8	30	10	177000	1@0	CP_QAM256	0.05	36.39	PASS
n8	30	10	177000	1@0	CP_QAM256	1.50	31.75	PASS
n8	30	10	177000	1@0	CP_QAM256	7.50	29.06	PASS
n8	30	10	177000	1@0	CP_QAM256	10.50	21.22	PASS
n8	30	10	177000	24@0	CP_QAM256	-0.05	19.04	PASS
n8	30	10	177000	24@0	CP_QAM256	-1.50	15.13	PASS
n8	30	10	177000	24@0	CP_QAM256	-5.50	19.87	PASS
n8	30	10	177000	24@0	CP_QAM256	-10.50	19.37	PASS
n8	30	10	177000	24@0	CP_QAM256	0.15	21.18	PASS
n8	30	10	177000	24@0	CP_QAM256	1.50	16.95	PASS
n8	30	10	177000	24@0	CP_QAM256	5.50	19.68	PASS
n8	30	10	177000	24@0	CP_QAM256	10.50	13.59	PASS
n8	30	10	182000	1@23	DFT_BPSK	-0.15	36.20	PASS
n8	30	10	182000	1@23	DFT_BPSK	-1.50	31.86	PASS
n8	30	10	182000	1@23	DFT_BPSK	-7.50	29.59	PASS
n8	30	10	182000	1@23	DFT_BPSK	-10.50	24.05	PASS
n8	30	10	182000	1@23	DFT_BPSK	0.05	18.74	PASS
n8	30	10	182000	1@23	DFT_BPSK	1.50	31.60	PASS
n8	30	10	182000	1@23	DFT_BPSK	5.50	34.69	PASS
n8	30	10	182000	1@23	DFT_BPSK	11.50	21.92	PASS
n8	30	10	182000	24@0	DFT_BPSK	-0.05	22.18	PASS
n8	30	10	182000	24@0	DFT_BPSK	-1.50	18.55	PASS
n8	30	10	182000	24@0	DFT_BPSK	-5.50	19.52	PASS
n8	30	10	182000	24@0	DFT_BPSK	-10.50	15.39	PASS
n8	30	10	182000	24@0	DFT_BPSK	0.15	22.70	PASS
n8	30	10	182000	24@0	DFT_BPSK	1.50	18.09	PASS
n8	30	10	182000	24@0	DFT_BPSK	5.50	31.52	PASS
n8	30	10	182000	24@0	DFT_BPSK	10.50	20.99	PASS
n8	30	10	182000	1@23	DFT_QPSK	-0.05	35.71	PASS
n8	30	10	182000	1@23	DFT_QPSK	-1.50	31.12	PASS
n8	30	10	182000	1@23	DFT_QPSK	-7.50	28.79	PASS
n8	30	10	182000	1@23	DFT_QPSK	-10.50	21.18	PASS
n8	30	10	182000	1@23	DFT_QPSK	0.05	18.93	PASS
n8	30	10	182000	1@23	DFT_QPSK	1.50	31.08	PASS
n8	30	10	182000	1@23	DFT_QPSK	9.50	32.47	PASS
n8	30	10	182000	1@23	DFT_QPSK	11.50	20.04	PASS
n8	30	10	182000	24@0	DFT_QPSK	-0.05	22.16	PASS
n8	30	10	182000	24@0	DFT_QPSK	-1.50	18.44	PASS
n8	30	10	182000	24@0	DFT_QPSK	-5.50	19.49	PASS
n8	30	10	182000	24@0	DFT_QPSK	-10.50	15.24	PASS
n8	30	10	182000	24@0	DFT_QPSK	0.15	22.56	PASS

n8	30	10	182000	24@0	DFT_QPSK	1.50	18.20	PASS
n8	30	10	182000	24@0	DFT_QPSK	5.50	31.64	PASS
n8	30	10	182000	24@0	DFT_QPSK	10.50	21.03	PASS
n8	30	10	182000	1@23	DFT_QAM16	-0.15	35.76	PASS
n8	30	10	182000	1@23	DFT_QAM16	-1.50	31.12	PASS
n8	30	10	182000	1@23	DFT_QAM16	-7.50	28.69	PASS
n8	30	10	182000	1@23	DFT_QAM16	-10.50	21.20	PASS
n8	30	10	182000	1@23	DFT_QAM16	0.05	19.13	PASS
n8	30	10	182000	1@23	DFT_QAM16	1.50	31.11	PASS
n8	30	10	182000	1@23	DFT_QAM16	6.50	32.39	PASS
n8	30	10	182000	1@23	DFT_QAM16	11.50	20.13	PASS
n8	30	10	182000	24@0	DFT_QAM16	-0.05	21.99	PASS
n8	30	10	182000	24@0	DFT_QAM16	-1.50	18.26	PASS
n8	30	10	182000	24@0	DFT_QAM16	-5.50	19.47	PASS
n8	30	10	182000	24@0	DFT_QAM16	-10.50	15.31	PASS
n8	30	10	182000	24@0	DFT_QAM16	0.15	22.35	PASS
n8	30	10	182000	24@0	DFT_QAM16	1.50	18.06	PASS
n8	30	10	182000	24@0	DFT_QAM16	5.50	31.69	PASS
n8	30	10	182000	24@0	DFT_QAM16	10.50	21.07	PASS
n8	30	10	182000	1@23	DFT_QAM64	-0.05	36.03	PASS
n8	30	10	182000	1@23	DFT_QAM64	-1.50	31.19	PASS
n8	30	10	182000	1@23	DFT_QAM64	-7.50	28.69	PASS
n8	30	10	182000	1@23	DFT_QAM64	-10.50	21.04	PASS
n8	30	10	182000	1@23	DFT_QAM64	0.05	19.20	PASS
n8	30	10	182000	1@23	DFT_QAM64	1.50	30.90	PASS
n8	30	10	182000	1@23	DFT_QAM64	9.50	32.53	PASS
n8	30	10	182000	1@23	DFT_QAM64	11.50	20.12	PASS
n8	30	10	182000	24@0	DFT_QAM64	-0.05	23.71	PASS
n8	30	10	182000	24@0	DFT_QAM64	-1.50	20.25	PASS
n8	30	10	182000	24@0	DFT_QAM64	-5.50	20.42	PASS
n8	30	10	182000	24@0	DFT_QAM64	-10.50	14.98	PASS
n8	30	10	182000	24@0	DFT_QAM64	0.05	23.27	PASS
n8	30	10	182000	24@0	DFT_QAM64	1.50	19.41	PASS
n8	30	10	182000	24@0	DFT_QAM64	5.50	31.32	PASS
n8	30	10	182000	24@0	DFT_QAM64	10.50	20.58	PASS
n8	30	10	182000	1@23	DFT_QAM256	-0.05	35.54	PASS
n8	30	10	182000	1@23	DFT_QAM256	-1.50	31.39	PASS
n8	30	10	182000	1@23	DFT_QAM256	-7.50	28.74	PASS
n8	30	10	182000	1@23	DFT_QAM256	-10.50	21.13	PASS
n8	30	10	182000	1@23	DFT_QAM256	0.05	15.78	PASS
n8	30	10	182000	1@23	DFT_QAM256	1.50	30.59	PASS
n8	30	10	182000	1@23	DFT_QAM256	9.50	31.94	PASS
n8	30	10	182000	1@23	DFT_QAM256	11.50	19.38	PASS
n8	30	10	182000	24@0	DFT_QAM256	-0.05	23.67	PASS

n8	30	10	182000	24@0	DFT_QAM256	-1.50	20.24	PASS
n8	30	10	182000	24@0	DFT_QAM256	-5.50	20.44	PASS
n8	30	10	182000	24@0	DFT_QAM256	-10.50	14.93	PASS
n8	30	10	182000	24@0	DFT_QAM256	0.05	23.23	PASS
n8	30	10	182000	24@0	DFT_QAM256	1.50	19.47	PASS
n8	30	10	182000	24@0	DFT_QAM256	5.50	31.22	PASS
n8	30	10	182000	24@0	DFT_QAM256	10.50	20.63	PASS
n8	30	10	182000	1@23	CP_QPSK	-0.15	35.43	PASS
n8	30	10	182000	1@23	CP_QPSK	-1.50	31.34	PASS
n8	30	10	182000	1@23	CP_QPSK	-7.50	28.74	PASS
n8	30	10	182000	1@23	CP_QPSK	-10.50	21.08	PASS
n8	30	10	182000	1@23	CP_QPSK	0.05	15.70	PASS
n8	30	10	182000	1@23	CP_QPSK	1.50	30.87	PASS
n8	30	10	182000	1@23	CP_QPSK	9.50	31.95	PASS
n8	30	10	182000	1@23	CP_QPSK	11.50	19.53	PASS
n8	30	10	182000	24@0	CP_QPSK	-0.05	23.59	PASS
n8	30	10	182000	24@0	CP_QPSK	-1.50	20.05	PASS
n8	30	10	182000	24@0	CP_QPSK	-5.50	20.35	PASS
n8	30	10	182000	24@0	CP_QPSK	-10.50	14.91	PASS
n8	30	10	182000	24@0	CP_QPSK	0.05	23.08	PASS
n8	30	10	182000	24@0	CP_QPSK	1.50	19.32	PASS
n8	30	10	182000	24@0	CP_QPSK	5.50	31.36	PASS
n8	30	10	182000	24@0	CP_QPSK	10.50	20.52	PASS
n8	30	10	182000	1@23	CP_QAM16	-0.05	20.01	PASS
n8	30	10	182000	1@23	CP_QAM16	-1.50	15.31	PASS
n8	30	10	182000	1@23	CP_QAM16	-5.50	17.36	PASS
n8	30	10	182000	1@23	CP_QAM16	-10.50	14.18	PASS
n8	30	10	182000	1@23	CP_QAM16	0.25	20.13	PASS
n8	30	10	182000	1@23	CP_QAM16	1.50	15.09	PASS
n8	30	10	182000	1@23	CP_QAM16	5.50	31.21	PASS
n8	30	10	182000	1@23	CP_QAM16	10.50	20.61	PASS
n8	30	10	182000	24@0	CP_QAM16	-0.05	20.00	PASS
n8	30	10	182000	24@0	CP_QAM16	-1.50	15.26	PASS
n8	30	10	182000	24@0	CP_QAM16	-5.50	17.34	PASS
n8	30	10	182000	24@0	CP_QAM16	-10.50	14.39	PASS
n8	30	10	182000	24@0	CP_QAM16	0.15	20.09	PASS
n8	30	10	182000	24@0	CP_QAM16	1.50	15.07	PASS
n8	30	10	182000	24@0	CP_QAM16	5.50	31.28	PASS
n8	30	10	182000	24@0	CP_QAM16	10.50	20.82	PASS
n8	30	10	182000	1@23	CP_QAM64	-0.15	35.58	PASS
n8	30	10	182000	1@23	CP_QAM64	-1.50	31.18	PASS
n8	30	10	182000	1@23	CP_QAM64	-7.50	28.75	PASS
n8	30	10	182000	1@23	CP_QAM64	-10.50	21.23	PASS
n8	30	10	182000	1@23	CP_QAM64	0.05	19.08	PASS

n8	30	10	182000	1@23	CP_QAM64	1.50	31.01	PASS
n8	30	10	182000	1@23	CP_QAM64	7.50	32.53	PASS
n8	30	10	182000	1@23	CP_QAM64	11.50	20.16	PASS
n8	30	10	182000	24@0	CP_QAM64	-0.05	21.72	PASS
n8	30	10	182000	24@0	CP_QAM64	-1.50	17.89	PASS
n8	30	10	182000	24@0	CP_QAM64	-5.50	19.43	PASS
n8	30	10	182000	24@0	CP_QAM64	-10.50	15.47	PASS
n8	30	10	182000	24@0	CP_QAM64	0.15	22.19	PASS
n8	30	10	182000	24@0	CP_QAM64	1.50	17.82	PASS
n8	30	10	182000	24@0	CP_QAM64	5.50	31.81	PASS
n8	30	10	182000	24@0	CP_QAM64	10.50	21.00	PASS
n8	30	10	182000	1@23	CP_QAM256	-0.15	35.54	PASS
n8	30	10	182000	1@23	CP_QAM256	-1.50	31.13	PASS
n8	30	10	182000	1@23	CP_QAM256	-7.50	28.57	PASS
n8	30	10	182000	1@23	CP_QAM256	-10.50	21.24	PASS
n8	30	10	182000	1@23	CP_QAM256	0.05	18.38	PASS
n8	30	10	182000	1@23	CP_QAM256	1.50	30.87	PASS
n8	30	10	182000	1@23	CP_QAM256	8.50	32.50	PASS
n8	30	10	182000	1@23	CP_QAM256	11.50	19.96	PASS
n8	30	10	182000	24@0	CP_QAM256	-0.05	21.85	PASS
n8	30	10	182000	24@0	CP_QAM256	-1.50	18.16	PASS
n8	30	10	182000	24@0	CP_QAM256	-5.50	19.45	PASS
n8	30	10	182000	24@0	CP_QAM256	-10.50	15.43	PASS
n8	30	10	182000	24@0	CP_QAM256	0.15	22.19	PASS
n8	30	10	182000	24@0	CP_QAM256	1.50	18.00	PASS
n8	30	10	182000	24@0	CP_QAM256	5.50	31.71	PASS
n8	30	10	182000	24@0	CP_QAM256	10.50	21.07	PASS
n8	30	20	178000	1@0	DFT_BPSK	-0.10	16.55	PASS
n8	30	20	178000	1@0	DFT_BPSK	-1.50	31.99	PASS
n8	30	20	178000	1@0	DFT_BPSK	-5.50	32.05	PASS
n8	30	20	178000	1@0	DFT_BPSK	-20.50	24.44	PASS
n8	30	20	178000	1@0	DFT_BPSK	0.30	37.70	PASS
n8	30	20	178000	1@0	DFT_BPSK	1.50	34.86	PASS
n8	30	20	178000	1@0	DFT_BPSK	5.50	33.28	PASS
n8	30	20	178000	1@0	DFT_BPSK	20.50	27.67	PASS
n8	30	20	178000	50@0	DFT_BPSK	-0.30	21.60	PASS
n8	30	20	178000	50@0	DFT_BPSK	-1.50	19.49	PASS
n8	30	20	178000	50@0	DFT_BPSK	-5.50	19.30	PASS
n8	30	20	178000	50@0	DFT_BPSK	-20.50	22.07	PASS
n8	30	20	178000	50@0	DFT_BPSK	0.10	21.16	PASS
n8	30	20	178000	50@0	DFT_BPSK	1.50	18.30	PASS
n8	30	20	178000	50@0	DFT_BPSK	5.50	17.24	PASS
n8	30	20	178000	50@0	DFT_BPSK	20.50	22.93	PASS
n8	30	20	178000	1@0	DFT_QPSK	-0.10	17.05	PASS

n8	30	20	178000	1@0	DFT_QPSK	-1.50	32.08	PASS
n8	30	20	178000	1@0	DFT_QPSK	-5.50	32.07	PASS
n8	30	20	178000	1@0	DFT_QPSK	-20.50	24.46	PASS
n8	30	20	178000	1@0	DFT_QPSK	0.10	37.42	PASS
n8	30	20	178000	1@0	DFT_QPSK	1.50	34.86	PASS
n8	30	20	178000	1@0	DFT_QPSK	5.50	33.25	PASS
n8	30	20	178000	1@0	DFT_QPSK	22.50	27.74	PASS
n8	30	20	178000	50@0	DFT_QPSK	-0.30	21.50	PASS
n8	30	20	178000	50@0	DFT_QPSK	-1.50	19.41	PASS
n8	30	20	178000	50@0	DFT_QPSK	-5.50	19.26	PASS
n8	30	20	178000	50@0	DFT_QPSK	-20.50	22.17	PASS
n8	30	20	178000	50@0	DFT_QPSK	0.10	21.09	PASS
n8	30	20	178000	50@0	DFT_QPSK	1.50	18.24	PASS
n8	30	20	178000	50@0	DFT_QPSK	5.50	17.24	PASS
n8	30	20	178000	50@0	DFT_QPSK	24.50	23.00	PASS
n8	30	20	178000	1@0	DFT_QAM16	-0.10	17.46	PASS
n8	30	20	178000	1@0	DFT_QAM16	-1.50	31.10	PASS
n8	30	20	178000	1@0	DFT_QAM16	-5.50	30.63	PASS
n8	30	20	178000	1@0	DFT_QAM16	-20.50	21.37	PASS
n8	30	20	178000	1@0	DFT_QAM16	0.30	36.54	PASS
n8	30	20	178000	1@0	DFT_QAM16	1.50	33.67	PASS
n8	30	20	178000	1@0	DFT_QAM16	5.50	31.50	PASS
n8	30	20	178000	1@0	DFT_QAM16	21.50	22.96	PASS
n8	30	20	178000	50@0	DFT_QAM16	-0.30	21.40	PASS
n8	30	20	178000	50@0	DFT_QAM16	-1.50	19.34	PASS
n8	30	20	178000	50@0	DFT_QAM16	-5.50	19.14	PASS
n8	30	20	178000	50@0	DFT_QAM16	-22.50	22.10	PASS
n8	30	20	178000	50@0	DFT_QAM16	0.10	20.99	PASS
n8	30	20	178000	50@0	DFT_QAM16	1.50	18.20	PASS
n8	30	20	178000	50@0	DFT_QAM16	5.50	17.20	PASS
n8	30	20	178000	50@0	DFT_QAM16	20.50	22.98	PASS
n8	30	20	178000	1@0	DFT_QAM64	-0.10	17.49	PASS
n8	30	20	178000	1@0	DFT_QAM64	-1.50	31.30	PASS
n8	30	20	178000	1@0	DFT_QAM64	-5.50	30.56	PASS
n8	30	20	178000	1@0	DFT_QAM64	-20.50	21.40	PASS
n8	30	20	178000	1@0	DFT_QAM64	0.10	36.52	PASS
n8	30	20	178000	1@0	DFT_QAM64	1.50	33.59	PASS
n8	30	20	178000	1@0	DFT_QAM64	5.50	31.57	PASS
n8	30	20	178000	1@0	DFT_QAM64	20.50	22.64	PASS
n8	30	20	178000	50@0	DFT_QAM64	-0.10	21.35	PASS
n8	30	20	178000	50@0	DFT_QAM64	-1.50	19.23	PASS
n8	30	20	178000	50@0	DFT_QAM64	-5.50	19.06	PASS
n8	30	20	178000	50@0	DFT_QAM64	-22.50	22.03	PASS
n8	30	20	178000	50@0	DFT_QAM64	0.10	20.72	PASS

n8	30	20	178000	50@0	DFT_QAM64	1.50	17.98	PASS
n8	30	20	178000	50@0	DFT_QAM64	5.50	17.06	PASS
n8	30	20	178000	50@0	DFT_QAM64	20.50	22.96	PASS
n8	30	20	178000	1@0	DFT_QAM256	-0.10	17.41	PASS
n8	30	20	178000	1@0	DFT_QAM256	-1.50	31.24	PASS
n8	30	20	178000	1@0	DFT_QAM256	-5.50	30.64	PASS
n8	30	20	178000	1@0	DFT_QAM256	-20.50	21.33	PASS
n8	30	20	178000	1@0	DFT_QAM256	0.10	36.37	PASS
n8	30	20	178000	1@0	DFT_QAM256	1.50	33.50	PASS
n8	30	20	178000	1@0	DFT_QAM256	5.50	31.65	PASS
n8	30	20	178000	1@0	DFT_QAM256	20.50	22.84	PASS
n8	30	20	178000	50@0	DFT_QAM256	-0.30	21.49	PASS
n8	30	20	178000	50@0	DFT_QAM256	-1.50	19.25	PASS
n8	30	20	178000	50@0	DFT_QAM256	-5.50	19.13	PASS
n8	30	20	178000	50@0	DFT_QAM256	-22.50	22.12	PASS
n8	30	20	178000	50@0	DFT_QAM256	0.10	20.94	PASS
n8	30	20	178000	50@0	DFT_QAM256	1.50	18.20	PASS
n8	30	20	178000	50@0	DFT_QAM256	5.50	17.19	PASS
n8	30	20	178000	50@0	DFT_QAM256	20.50	23.09	PASS
n8	30	20	178000	1@0	CP_QPSK	-0.10	13.58	PASS
n8	30	20	178000	1@0	CP_QPSK	-1.50	30.31	PASS
n8	30	20	178000	1@0	CP_QPSK	-5.50	30.08	PASS
n8	30	20	178000	1@0	CP_QPSK	-20.50	21.27	PASS
n8	30	20	178000	1@0	CP_QPSK	0.10	36.12	PASS
n8	30	20	178000	1@0	CP_QPSK	1.50	32.92	PASS
n8	30	20	178000	1@0	CP_QPSK	5.50	31.26	PASS
n8	30	20	178000	1@0	CP_QPSK	20.50	22.84	PASS
n8	30	20	178000	51@0	CP_QPSK	-0.10	13.32	PASS
n8	30	20	178000	51@0	CP_QPSK	-1.50	30.09	PASS
n8	30	20	178000	51@0	CP_QPSK	-5.50	29.94	PASS
n8	30	20	178000	51@0	CP_QPSK	-20.50	21.30	PASS
n8	30	20	178000	51@0	CP_QPSK	0.10	36.05	PASS
n8	30	20	178000	51@0	CP_QPSK	1.50	33.15	PASS
n8	30	20	178000	51@0	CP_QPSK	5.50	31.20	PASS
n8	30	20	178000	51@0	CP_QPSK	21.50	22.69	PASS
n8	30	20	178000	1@0	CP_QAM16	-0.10	14.65	PASS
n8	30	20	178000	1@0	CP_QAM16	-1.50	30.40	PASS
n8	30	20	178000	1@0	CP_QAM16	-5.50	30.28	PASS
n8	30	20	178000	1@0	CP_QAM16	-20.50	21.38	PASS
n8	30	20	178000	1@0	CP_QAM16	0.30	36.11	PASS
n8	30	20	178000	1@0	CP_QAM16	1.50	33.19	PASS
n8	30	20	178000	1@0	CP_QAM16	5.50	31.29	PASS
n8	30	20	178000	1@0	CP_QAM16	20.50	22.87	PASS
n8	30	20	178000	51@0	CP_QAM16	-0.10	14.72	PASS

n8	30	20	178000	51@0	CP_QAM16	-1.50	30.80	PASS
n8	30	20	178000	51@0	CP_QAM16	-5.50	30.34	PASS
n8	30	20	178000	51@0	CP_QAM16	-23.50	21.51	PASS
n8	30	20	178000	51@0	CP_QAM16	0.50	36.27	PASS
n8	30	20	178000	51@0	CP_QAM16	1.50	33.16	PASS
n8	30	20	178000	51@0	CP_QAM16	5.50	31.33	PASS
n8	30	20	178000	51@0	CP_QAM16	23.50	22.89	PASS
n8	30	20	178000	1@0	CP_QAM64	-0.10	15.55	PASS
n8	30	20	178000	1@0	CP_QAM64	-1.50	30.97	PASS
n8	30	20	178000	1@0	CP_QAM64	-5.50	30.54	PASS
n8	30	20	178000	1@0	CP_QAM64	-20.50	21.44	PASS
n8	30	20	178000	1@0	CP_QAM64	0.10	36.54	PASS
n8	30	20	178000	1@0	CP_QAM64	1.50	33.64	PASS
n8	30	20	178000	1@0	CP_QAM64	5.50	31.48	PASS
n8	30	20	178000	1@0	CP_QAM64	20.50	22.91	PASS
n8	30	20	178000	51@0	CP_QAM64	-0.10	17.31	PASS
n8	30	20	178000	51@0	CP_QAM64	-1.50	31.20	PASS
n8	30	20	178000	51@0	CP_QAM64	-5.50	30.60	PASS
n8	30	20	178000	51@0	CP_QAM64	-20.50	21.43	PASS
n8	30	20	178000	51@0	CP_QAM64	0.50	36.23	PASS
n8	30	20	178000	51@0	CP_QAM64	1.50	33.46	PASS
n8	30	20	178000	51@0	CP_QAM64	5.50	31.57	PASS
n8	30	20	178000	51@0	CP_QAM64	23.50	22.78	PASS
n8	30	20	178000	1@0	CP_QAM256	-0.10	15.07	PASS
n8	30	20	178000	1@0	CP_QAM256	-1.50	31.16	PASS
n8	30	20	178000	1@0	CP_QAM256	-5.50	30.58	PASS
n8	30	20	178000	1@0	CP_QAM256	-20.50	21.45	PASS
n8	30	20	178000	1@0	CP_QAM256	0.50	36.29	PASS
n8	30	20	178000	1@0	CP_QAM256	1.50	33.57	PASS
n8	30	20	178000	1@0	CP_QAM256	5.50	31.56	PASS
n8	30	20	178000	1@0	CP_QAM256	23.50	22.93	PASS
n8	30	20	178000	51@0	CP_QAM256	-0.10	14.41	PASS
n8	30	20	178000	51@0	CP_QAM256	-1.50	30.78	PASS
n8	30	20	178000	51@0	CP_QAM256	-5.50	30.67	PASS
n8	30	20	178000	51@0	CP_QAM256	-20.50	21.45	PASS
n8	30	20	178000	51@0	CP_QAM256	0.10	36.22	PASS
n8	30	20	178000	51@0	CP_QAM256	1.50	33.49	PASS
n8	30	20	178000	51@0	CP_QAM256	5.50	31.62	PASS
n8	30	20	178000	51@0	CP_QAM256	21.50	22.92	PASS
n8	30	20	181000	1@50	DFT_BPSK	-0.10	37.52	PASS
n8	30	20	181000	1@50	DFT_BPSK	-1.50	34.59	PASS
n8	30	20	181000	1@50	DFT_BPSK	-5.50	33.05	PASS
n8	30	20	181000	1@50	DFT_BPSK	-20.50	26.77	PASS
n8	30	20	181000	1@50	DFT_BPSK	0.10	15.63	PASS

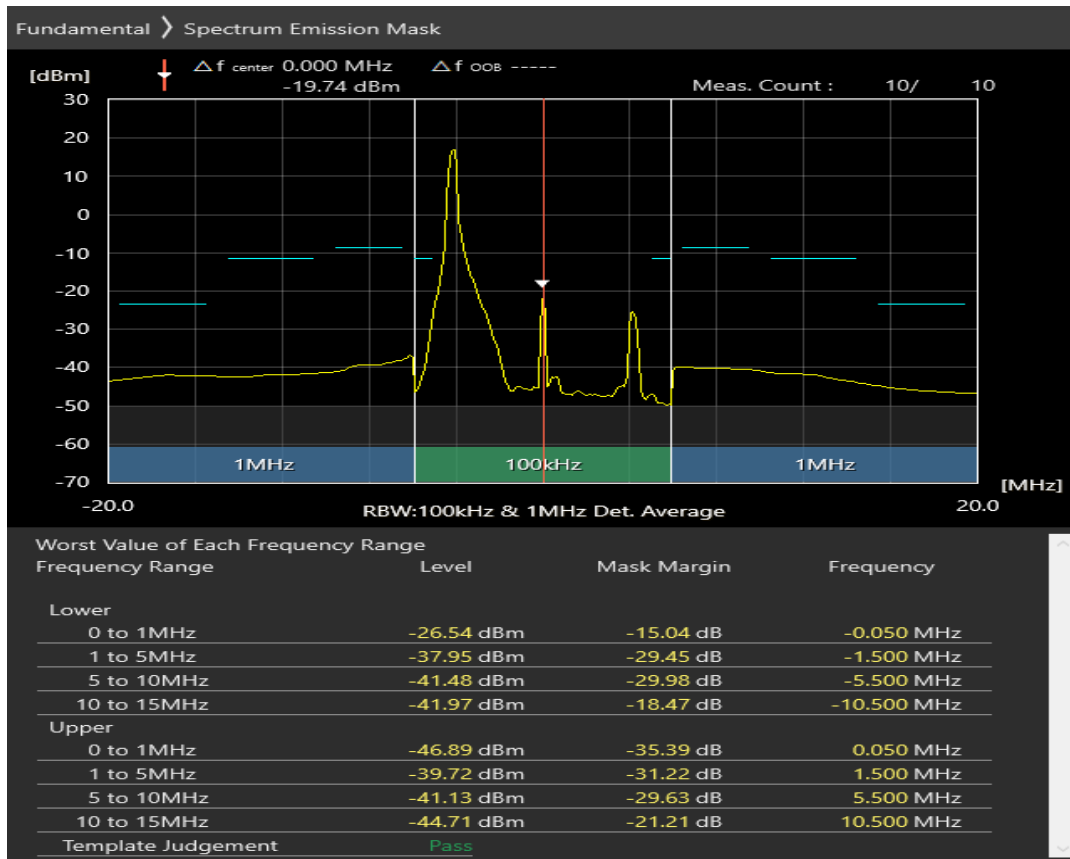
n8	30	20	181000	1@50	DFT_BPSK	1.50	32.64	PASS
n8	30	20	181000	1@50	DFT_BPSK	11.50	33.98	PASS
n8	30	20	181000	1@50	DFT_BPSK	20.50	27.25	PASS
n8	30	20	181000	50@0	DFT_BPSK	-0.30	21.49	PASS
n8	30	20	181000	50@0	DFT_BPSK	-1.50	18.54	PASS
n8	30	20	181000	50@0	DFT_BPSK	-5.50	18.16	PASS
n8	30	20	181000	50@0	DFT_BPSK	-20.50	18.58	PASS
n8	30	20	181000	50@0	DFT_BPSK	0.10	22.87	PASS
n8	30	20	181000	50@0	DFT_BPSK	1.50	20.50	PASS
n8	30	20	181000	50@0	DFT_BPSK	5.50	32.09	PASS
n8	30	20	181000	50@0	DFT_BPSK	21.50	22.82	PASS
n8	30	20	181000	1@50	DFT_QPSK	-0.30	36.44	PASS
n8	30	20	181000	1@50	DFT_QPSK	-1.50	33.36	PASS
n8	30	20	181000	1@50	DFT_QPSK	-5.50	31.11	PASS
n8	30	20	181000	1@50	DFT_QPSK	-24.50	22.03	PASS
n8	30	20	181000	1@50	DFT_QPSK	0.10	15.51	PASS
n8	30	20	181000	1@50	DFT_QPSK	1.50	31.76	PASS
n8	30	20	181000	1@50	DFT_QPSK	11.50	32.09	PASS
n8	30	20	181000	1@50	DFT_QPSK	21.50	22.86	PASS
n8	30	20	181000	50@0	DFT_QPSK	-0.30	21.63	PASS
n8	30	20	181000	50@0	DFT_QPSK	-1.50	18.72	PASS
n8	30	20	181000	50@0	DFT_QPSK	-5.50	18.34	PASS
n8	30	20	181000	50@0	DFT_QPSK	-20.50	18.67	PASS
n8	30	20	181000	50@0	DFT_QPSK	0.10	23.08	PASS
n8	30	20	181000	50@0	DFT_QPSK	1.50	20.72	PASS
n8	30	20	181000	50@0	DFT_QPSK	5.50	32.19	PASS
n8	30	20	181000	50@0	DFT_QPSK	20.50	22.94	PASS
n8	30	20	181000	1@50	DFT_QAM16	-0.10	36.17	PASS
n8	30	20	181000	1@50	DFT_QAM16	-1.50	33.29	PASS
n8	30	20	181000	1@50	DFT_QAM16	-5.50	31.37	PASS
n8	30	20	181000	1@50	DFT_QAM16	-20.50	21.97	PASS
n8	30	20	181000	1@50	DFT_QAM16	0.10	15.51	PASS
n8	30	20	181000	1@50	DFT_QAM16	1.50	31.64	PASS
n8	30	20	181000	1@50	DFT_QAM16	11.50	32.01	PASS
n8	30	20	181000	1@50	DFT_QAM16	20.50	22.70	PASS
n8	30	20	181000	50@0	DFT_QAM16	-0.30	21.30	PASS
n8	30	20	181000	50@0	DFT_QAM16	-1.50	18.37	PASS
n8	30	20	181000	50@0	DFT_QAM16	-5.50	18.06	PASS
n8	30	20	181000	50@0	DFT_QAM16	-20.50	18.69	PASS
n8	30	20	181000	50@0	DFT_QAM16	0.10	22.69	PASS
n8	30	20	181000	50@0	DFT_QAM16	1.50	20.36	PASS
n8	30	20	181000	50@0	DFT_QAM16	5.50	32.07	PASS
n8	30	20	181000	50@0	DFT_QAM16	22.50	22.94	PASS
n8	30	20	181000	1@50	DFT_QAM64	-0.30	36.41	PASS

n8	30	20	181000	1@50	DFT_QAM64	-1.50	33.31	PASS
n8	30	20	181000	1@50	DFT_QAM64	-5.50	31.33	PASS
n8	30	20	181000	1@50	DFT_QAM64	-20.50	22.01	PASS
n8	30	20	181000	1@50	DFT_QAM64	0.10	15.49	PASS
n8	30	20	181000	1@50	DFT_QAM64	1.50	31.79	PASS
n8	30	20	181000	1@50	DFT_QAM64	11.50	31.93	PASS
n8	30	20	181000	1@50	DFT_QAM64	21.50	22.82	PASS
n8	30	20	181000	50@0	DFT_QAM64	-0.30	21.31	PASS
n8	30	20	181000	50@0	DFT_QAM64	-1.50	18.65	PASS
n8	30	20	181000	50@0	DFT_QAM64	-5.50	18.39	PASS
n8	30	20	181000	50@0	DFT_QAM64	-20.50	18.35	PASS
n8	30	20	181000	50@0	DFT_QAM64	0.10	22.77	PASS
n8	30	20	181000	50@0	DFT_QAM64	1.50	20.42	PASS
n8	30	20	181000	50@0	DFT_QAM64	5.50	32.16	PASS
n8	30	20	181000	50@0	DFT_QAM64	20.50	22.80	PASS
n8	30	20	181000	1@50	DFT_QAM256	-0.30	36.27	PASS
n8	30	20	181000	1@50	DFT_QAM256	-1.50	33.31	PASS
n8	30	20	181000	1@50	DFT_QAM256	-5.50	31.26	PASS
n8	30	20	181000	1@50	DFT_QAM256	-20.50	22.18	PASS
n8	30	20	181000	1@50	DFT_QAM256	0.10	15.46	PASS
n8	30	20	181000	1@50	DFT_QAM256	1.50	31.80	PASS
n8	30	20	181000	1@50	DFT_QAM256	11.50	31.78	PASS
n8	30	20	181000	1@50	DFT_QAM256	20.50	22.87	PASS
n8	30	20	181000	50@0	DFT_QAM256	-0.30	21.31	PASS
n8	30	20	181000	50@0	DFT_QAM256	-1.50	18.69	PASS
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n8	30	20	181000	50@0	DFT_QAM256	-20.50	18.38	PASS
n8	30	20	181000	50@0	DFT_QAM256	0.10	22.83	PASS
n8	30	20	181000	50@0	DFT_QAM256	1.50	20.50	PASS
n8	30	20	181000	50@0	DFT_QAM256	5.50	32.16	PASS
n8	30	20	181000	50@0	DFT_QAM256	24.50	22.90	PASS
n8	30	20	181000	1@50	CP_QPSK	-0.10	36.04	PASS
n8	30	20	181000	1@50	CP_QPSK	-1.50	33.00	PASS
n8	30	20	181000	1@50	CP_QPSK	-5.50	31.07	PASS
n8	30	20	181000	1@50	CP_QPSK	-20.50	22.10	PASS
n8	30	20	181000	1@50	CP_QPSK	0.10	13.85	PASS
n8	30	20	181000	1@50	CP_QPSK	1.50	30.49	PASS
n8	30	20	181000	1@50	CP_QPSK	12.50	31.79	PASS
n8	30	20	181000	1@50	CP_QPSK	20.50	22.87	PASS
n8	30	20	181000	51@0	CP_QPSK	-0.10	12.59	PASS
n8	30	20	181000	51@0	CP_QPSK	-1.50	30.00	PASS
n8	30	20	181000	51@0	CP_QPSK	-5.50	29.89	PASS
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n8	30	20	181000	51@0	CP_QPSK	0.10	36.81	PASS

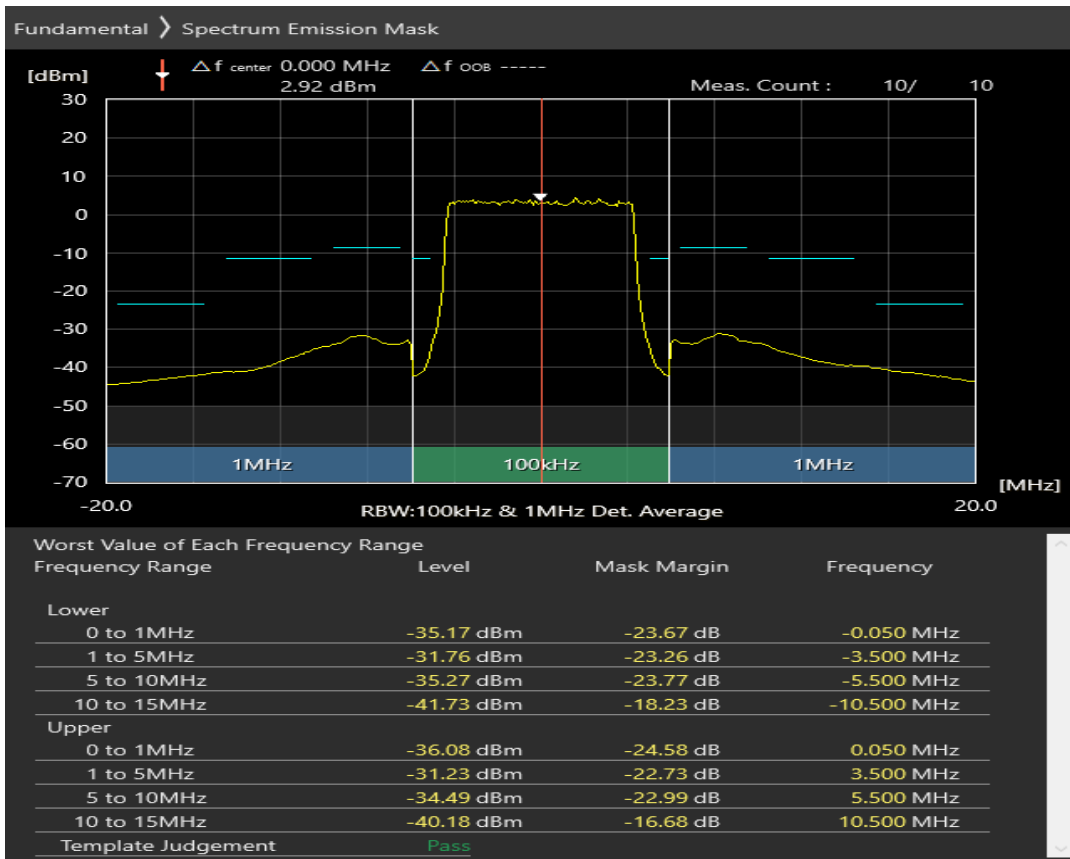
n8	30	20	181000	51@0	CP_QPSK	1.50	33.99	PASS
n8	30	20	181000	51@0	CP_QPSK	17.50	34.53	PASS
n8	30	20	181000	51@0	CP_QPSK	23.50	22.82	PASS
n8	30	20	181000	1@50	CP_QAM16	-0.10	35.93	PASS
n8	30	20	181000	1@50	CP_QAM16	-1.50	32.88	PASS
n8	30	20	181000	1@50	CP_QAM16	-5.50	30.86	PASS
n8	30	20	181000	1@50	CP_QAM16	-21.50	22.03	PASS
n8	30	20	181000	1@50	CP_QAM16	0.10	13.94	PASS
n8	30	20	181000	1@50	CP_QAM16	1.50	31.16	PASS
n8	30	20	181000	1@50	CP_QAM16	11.50	31.78	PASS
n8	30	20	181000	1@50	CP_QAM16	20.50	22.77	PASS
n8	30	20	181000	51@0	CP_QAM16	-0.10	12.81	PASS
n8	30	20	181000	51@0	CP_QAM16	-1.50	30.33	PASS
n8	30	20	181000	51@0	CP_QAM16	-5.50	29.84	PASS
n8	30	20	181000	51@0	CP_QAM16	-20.50	21.54	PASS
n8	30	20	181000	51@0	CP_QAM16	0.10	36.94	PASS
n8	30	20	181000	51@0	CP_QAM16	1.50	34.04	PASS
n8	30	20	181000	51@0	CP_QAM16	7.50	34.54	PASS
n8	30	20	181000	51@0	CP_QAM16	20.50	22.76	PASS
n8	30	20	181000	1@50	CP_QAM64	-0.30	36.44	PASS
n8	30	20	181000	1@50	CP_QAM64	-1.50	33.02	PASS
n8	30	20	181000	1@50	CP_QAM64	-5.50	31.28	PASS
n8	30	20	181000	1@50	CP_QAM64	-20.50	21.98	PASS
n8	30	20	181000	1@50	CP_QAM64	0.10	15.63	PASS
n8	30	20	181000	1@50	CP_QAM64	1.50	31.60	PASS
n8	30	20	181000	1@50	CP_QAM64	12.50	31.96	PASS
n8	30	20	181000	1@50	CP_QAM64	20.50	22.97	PASS
n8	30	20	181000	51@0	CP_QAM64	-0.10	14.52	PASS
n8	30	20	181000	51@0	CP_QAM64	-1.50	30.93	PASS
n8	30	20	181000	51@0	CP_QAM64	-5.50	30.37	PASS
n8	30	20	181000	51@0	CP_QAM64	-20.50	21.28	PASS
n8	30	20	181000	51@0	CP_QAM64	0.10	37.24	PASS
n8	30	20	181000	51@0	CP_QAM64	1.50	34.31	PASS
n8	30	20	181000	51@0	CP_QAM64	5.50	34.56	PASS
n8	30	20	181000	51@0	CP_QAM64	21.50	22.76	PASS
n8	30	20	181000	1@50	CP_QAM256	-0.30	36.08	PASS
n8	30	20	181000	1@50	CP_QAM256	-1.50	33.15	PASS
n8	30	20	181000	1@50	CP_QAM256	-5.50	31.36	PASS
n8	30	20	181000	1@50	CP_QAM256	-20.50	22.06	PASS
n8	30	20	181000	1@50	CP_QAM256	0.10	15.56	PASS
n8	30	20	181000	1@50	CP_QAM256	1.50	31.72	PASS
n8	30	20	181000	1@50	CP_QAM256	11.50	31.86	PASS
n8	30	20	181000	1@50	CP_QAM256	20.50	22.92	PASS
n8	30	20	181000	51@0	CP_QAM256	-0.10	14.47	PASS

n8	30	20	181000	51@0	CP_QAM256	-1.50	30.72	PASS
n8	30	20	181000	51@0	CP_QAM256	-5.50	30.22	PASS
n8	30	20	181000	51@0	CP_QAM256	-20.50	21.26	PASS
n8	30	20	181000	51@0	CP_QAM256	0.30	36.82	PASS
n8	30	20	181000	51@0	CP_QAM256	1.50	34.27	PASS
n8	30	20	181000	51@0	CP_QAM256	7.50	34.45	PASS
n8	30	20	181000	51@0	CP_QAM256	20.50	22.82	PASS

n1 SCS=30kHz DFT_BPSK BW=10MHz Channel=385000 RB=1@0



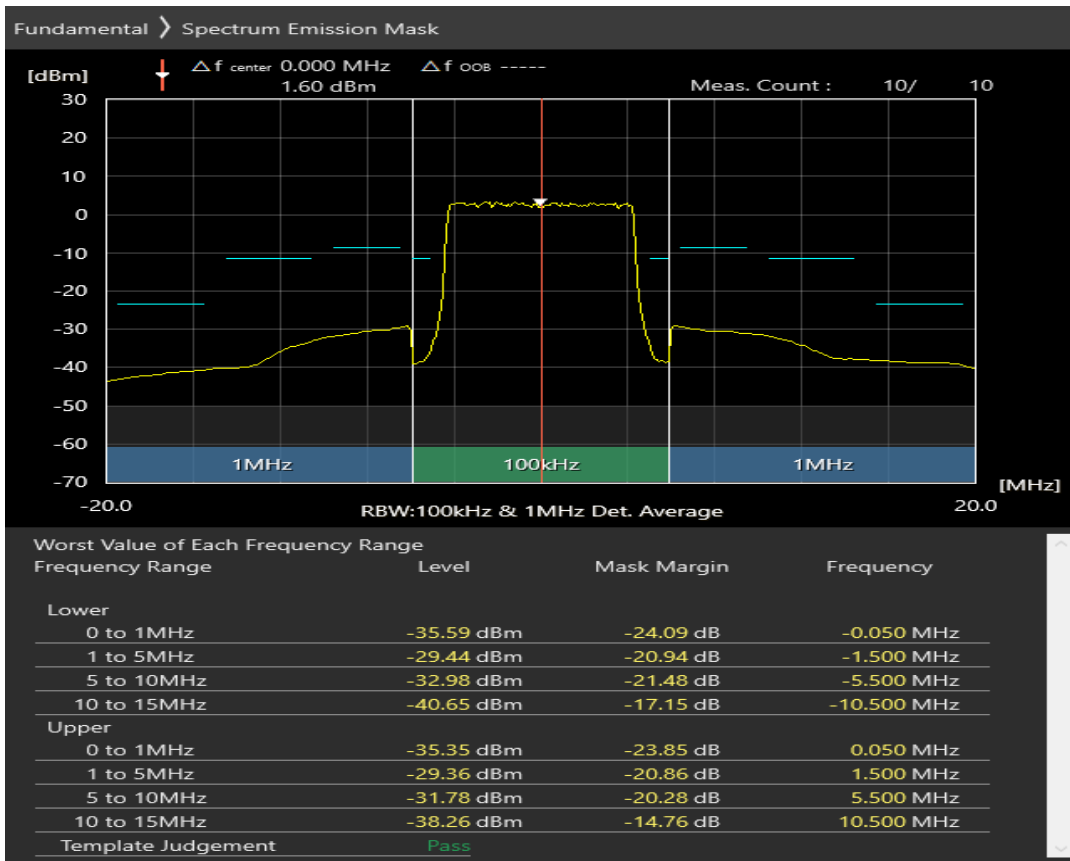
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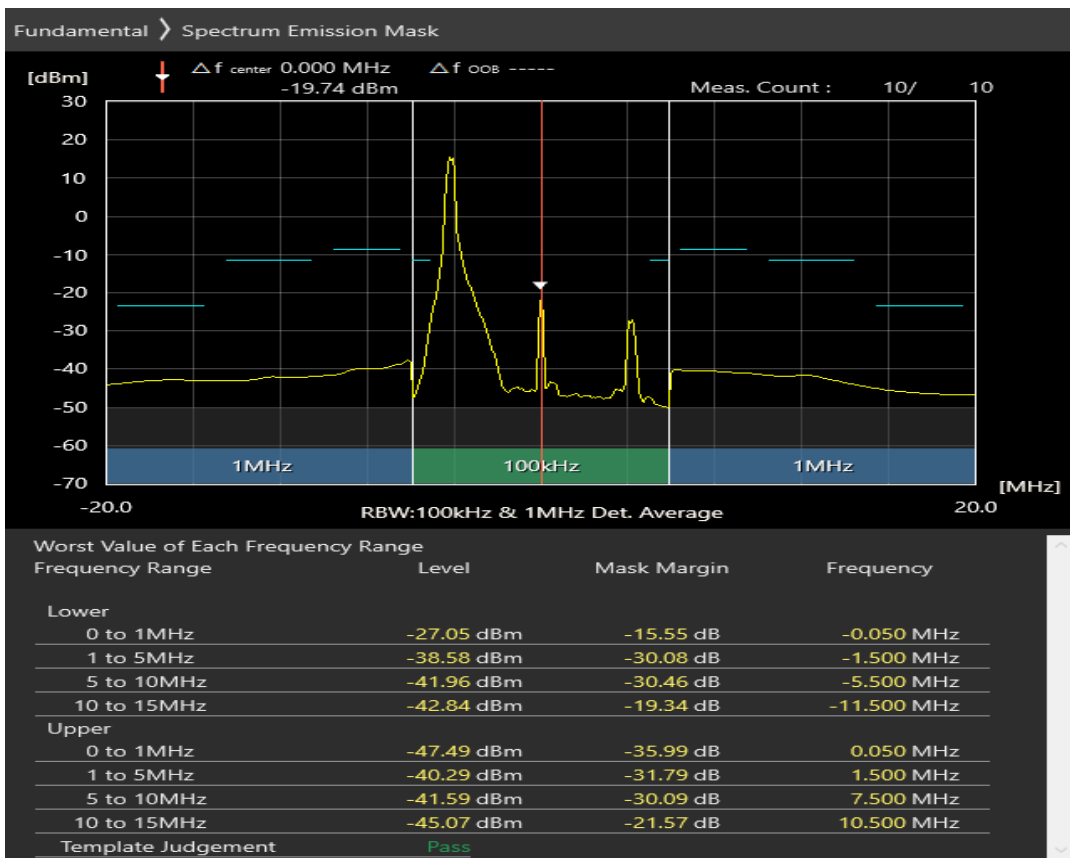
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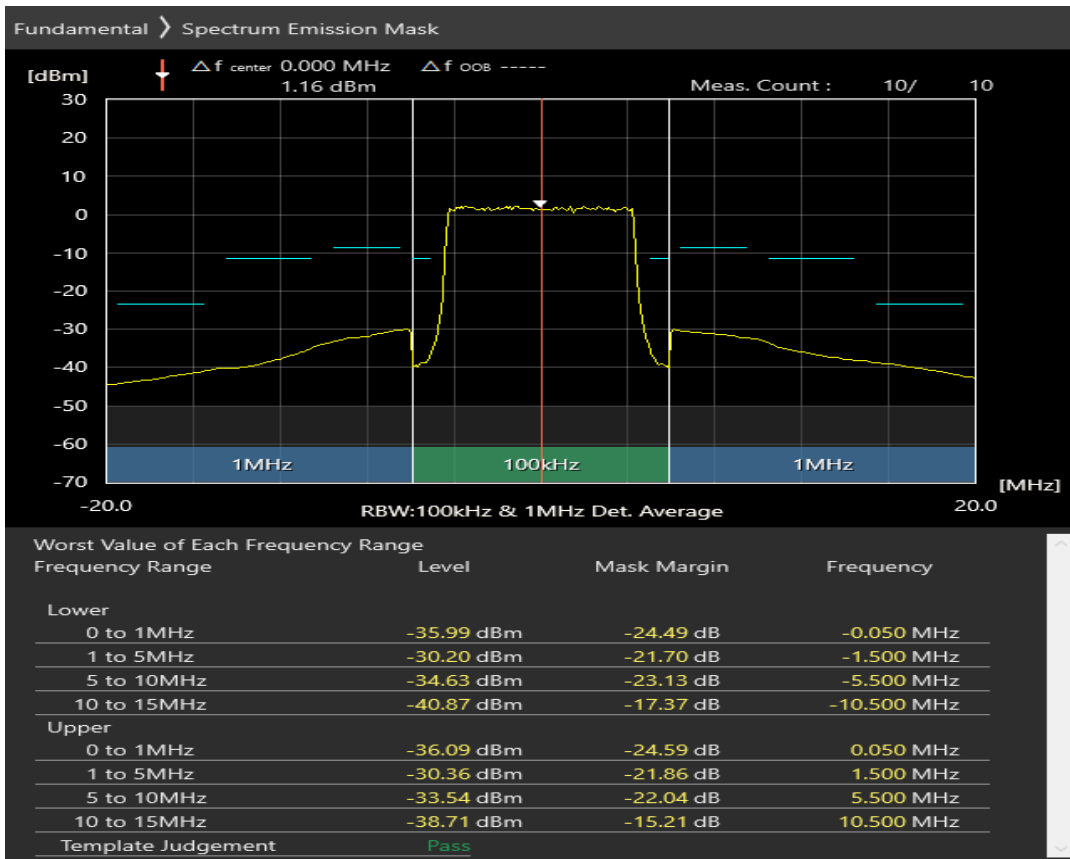
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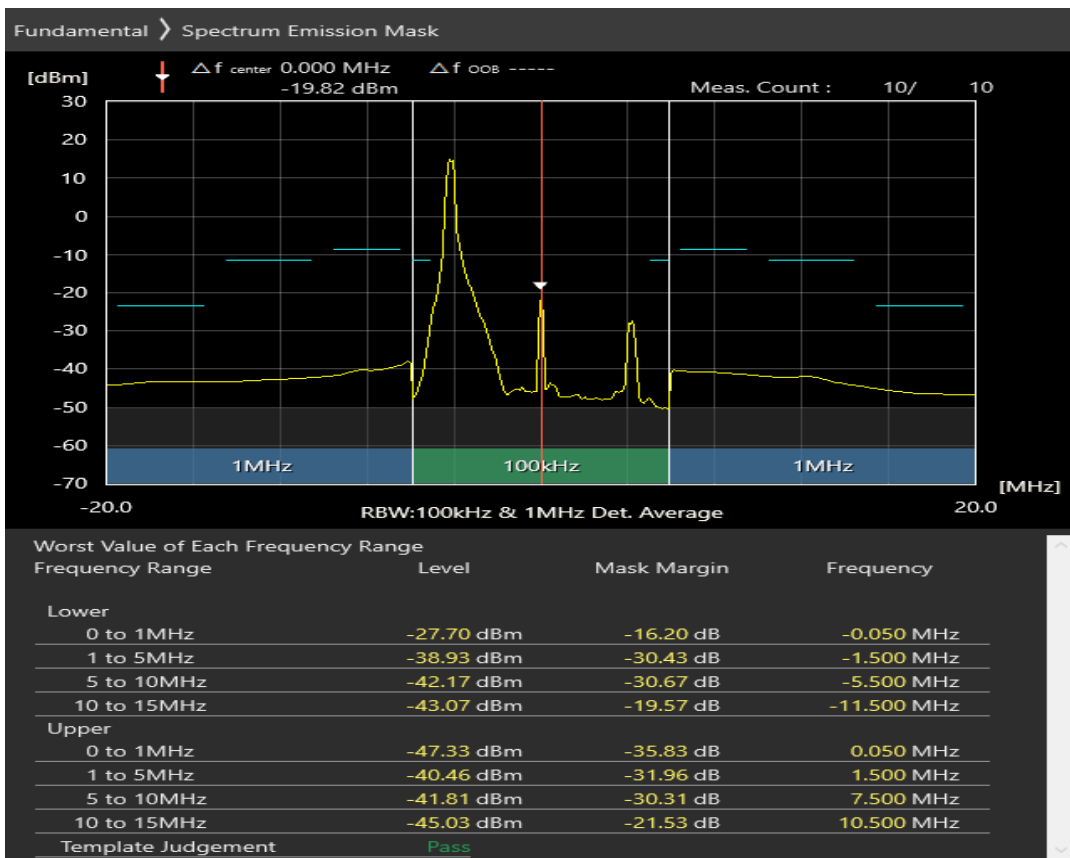
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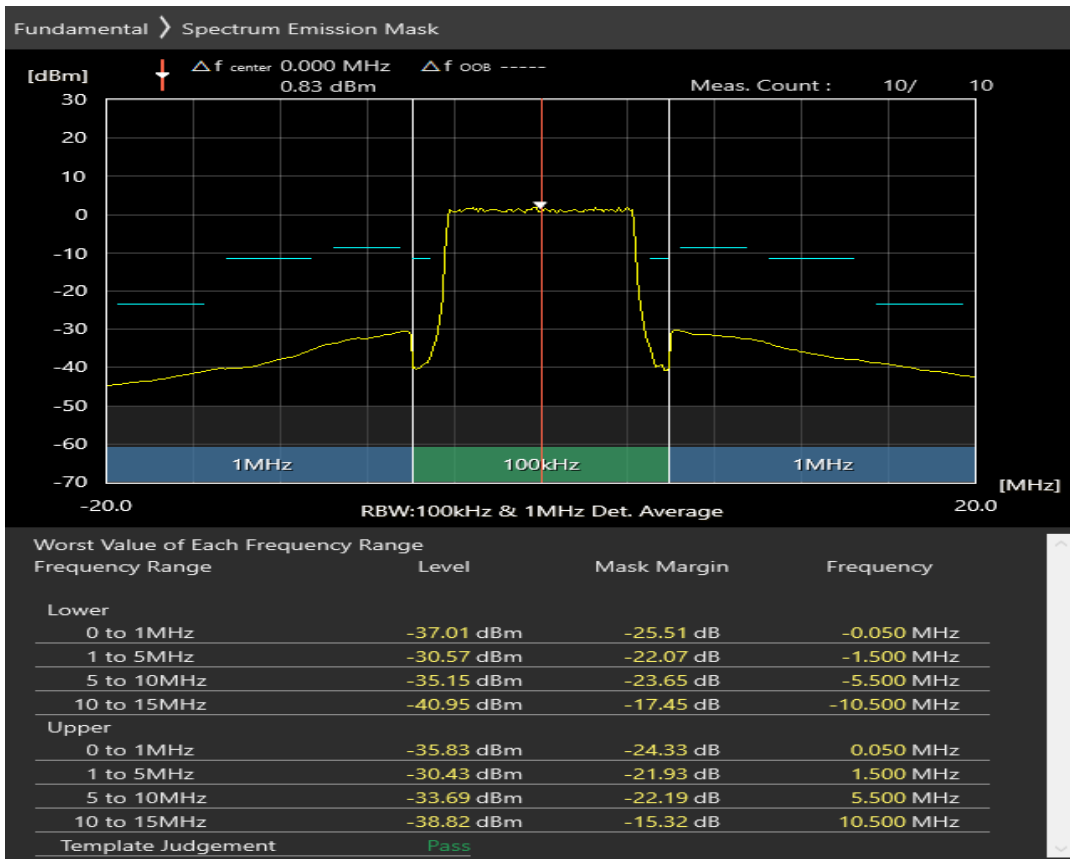
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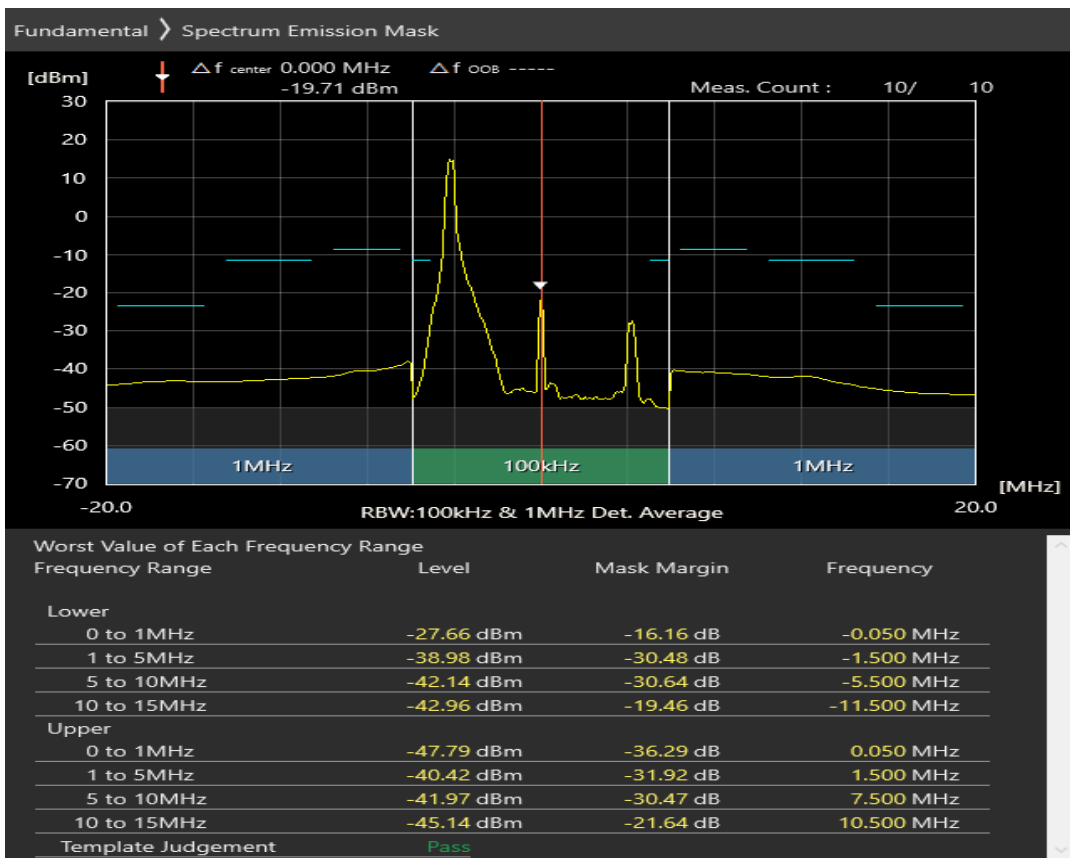
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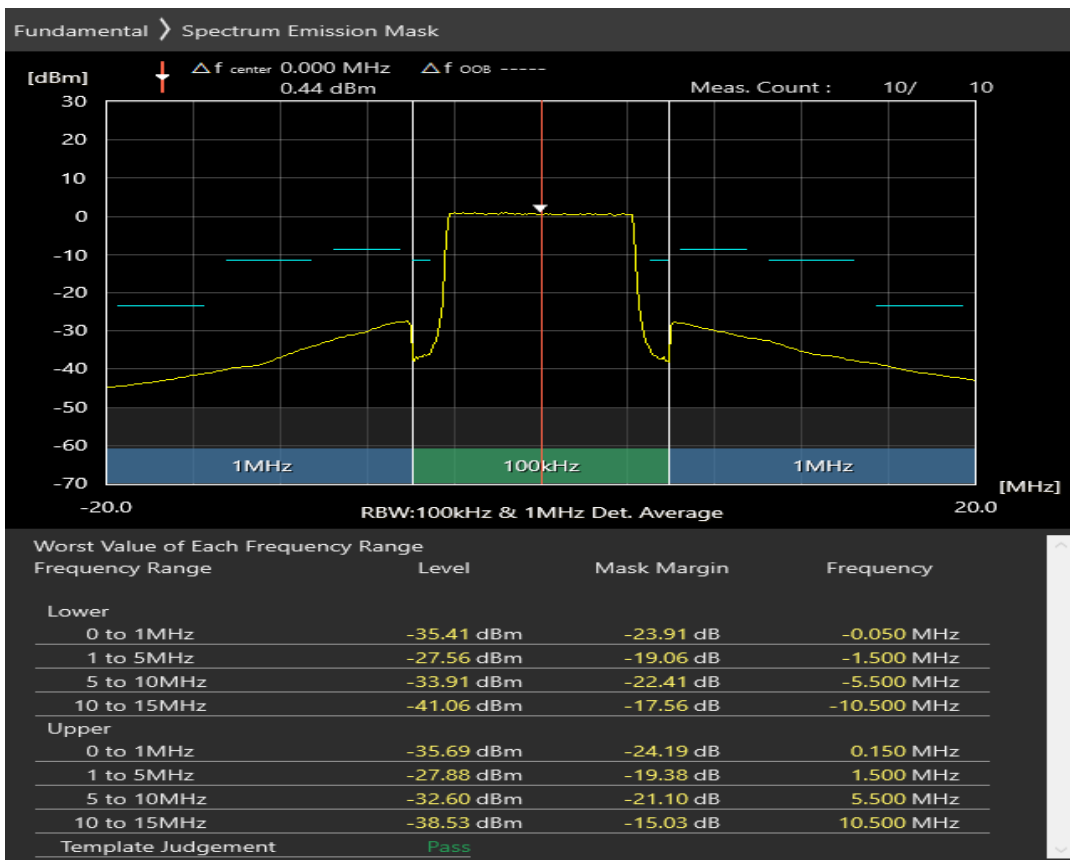
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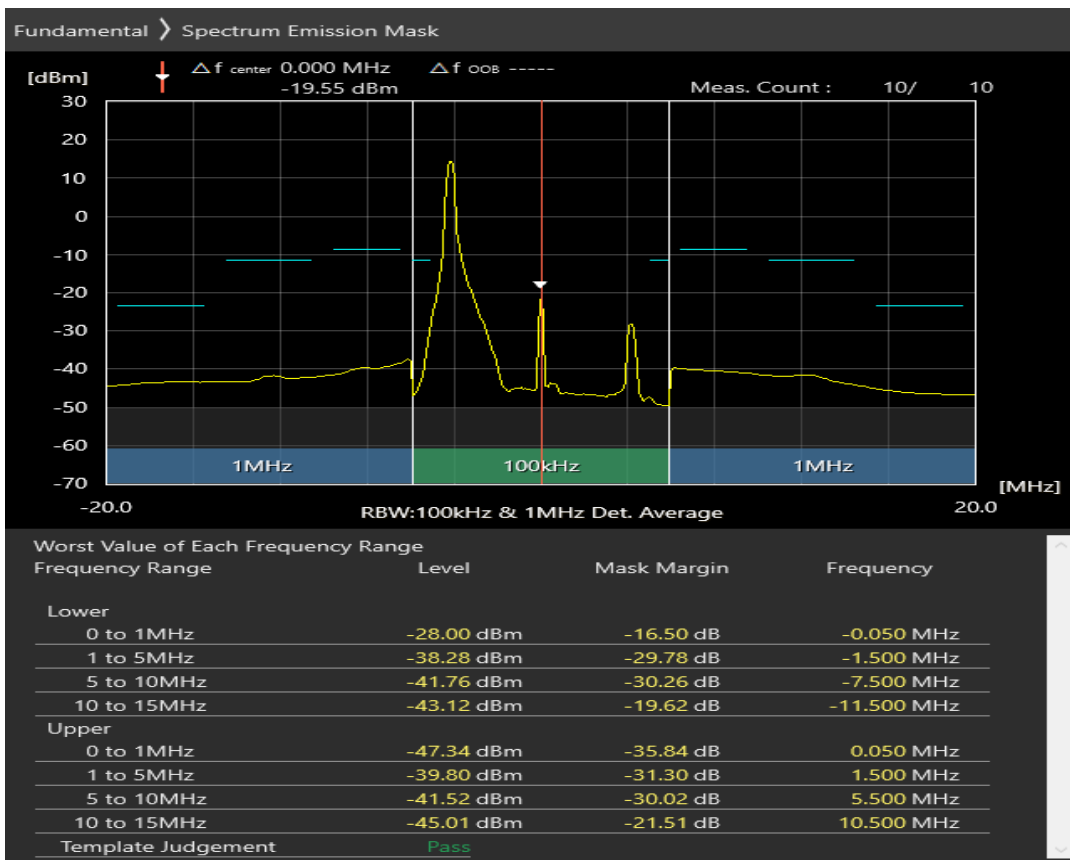
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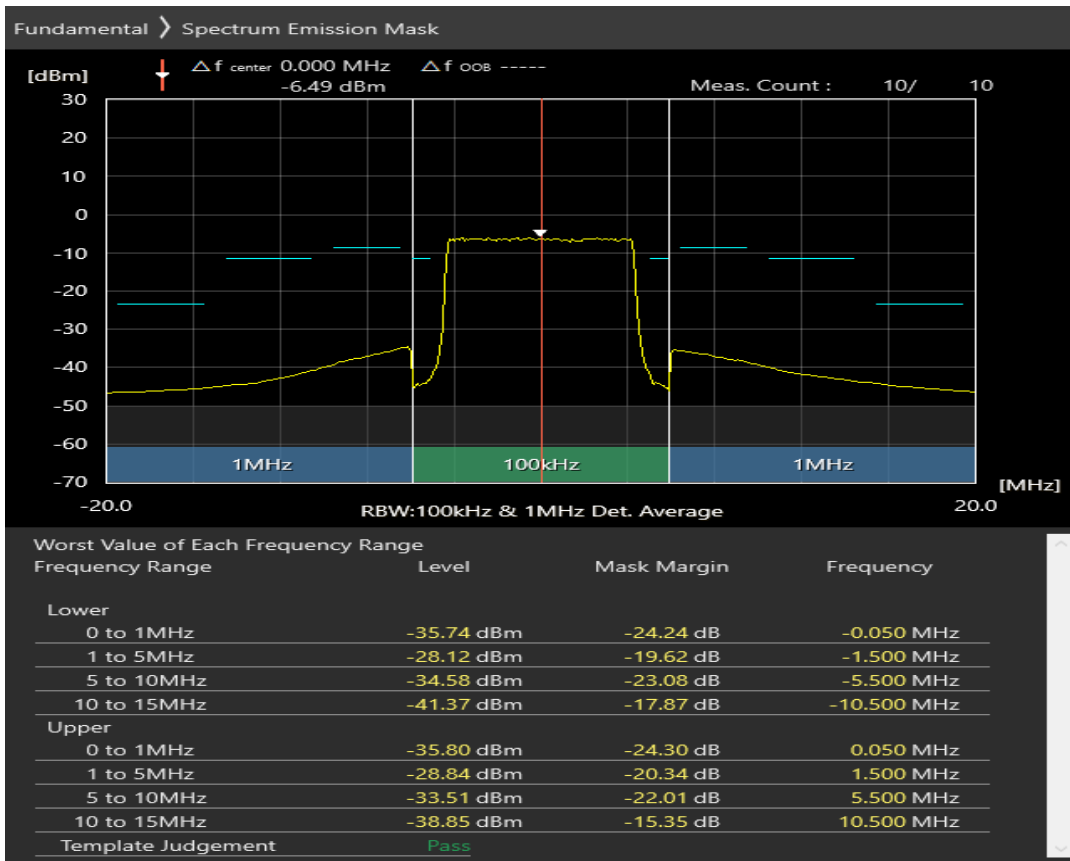
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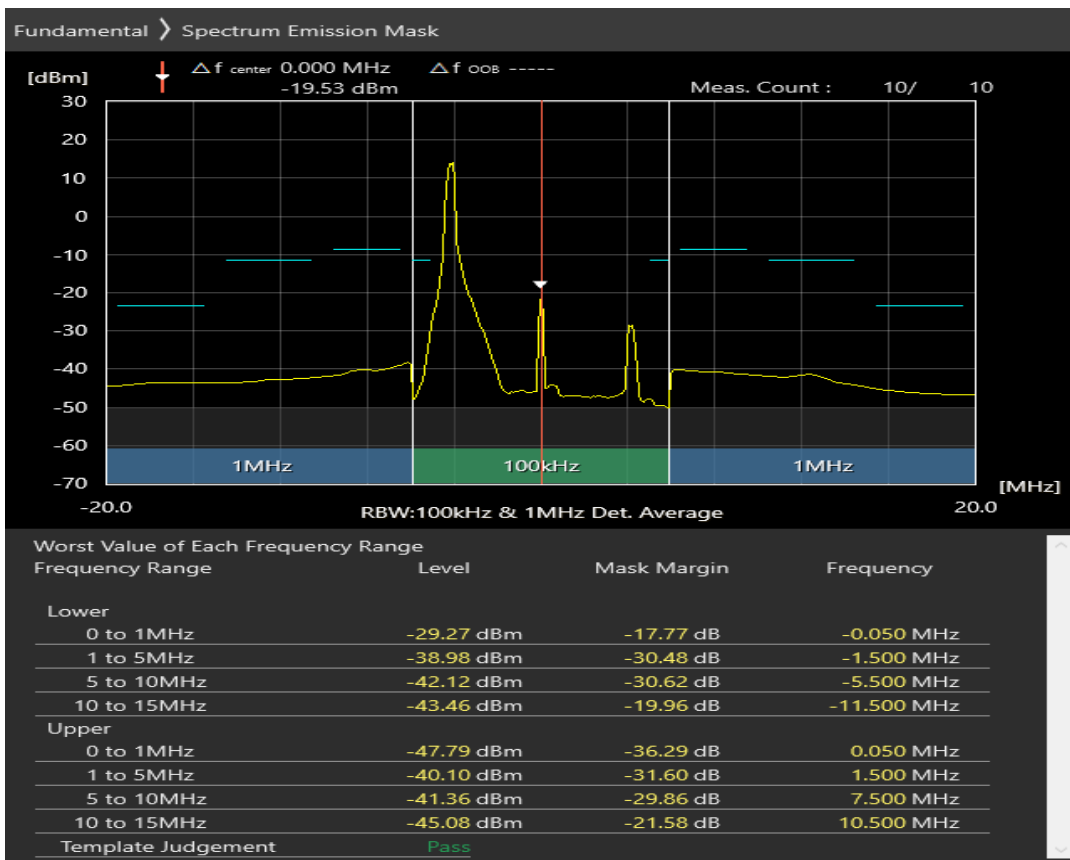
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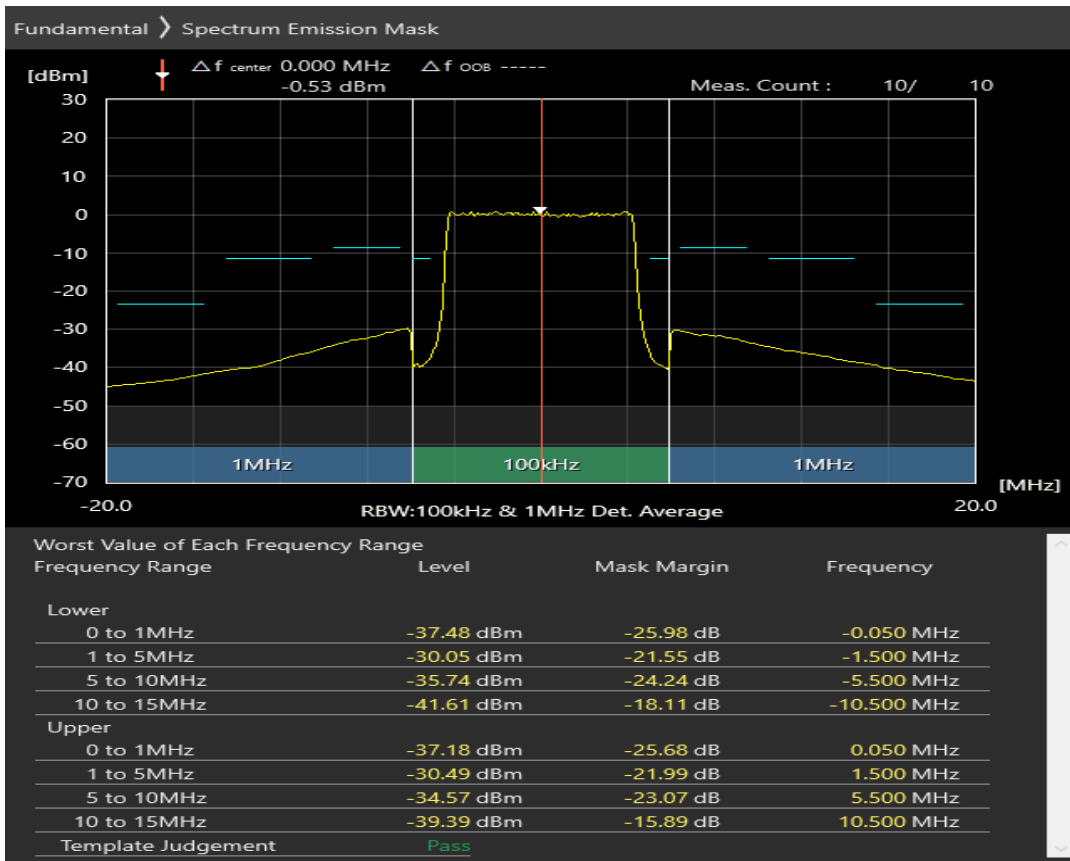
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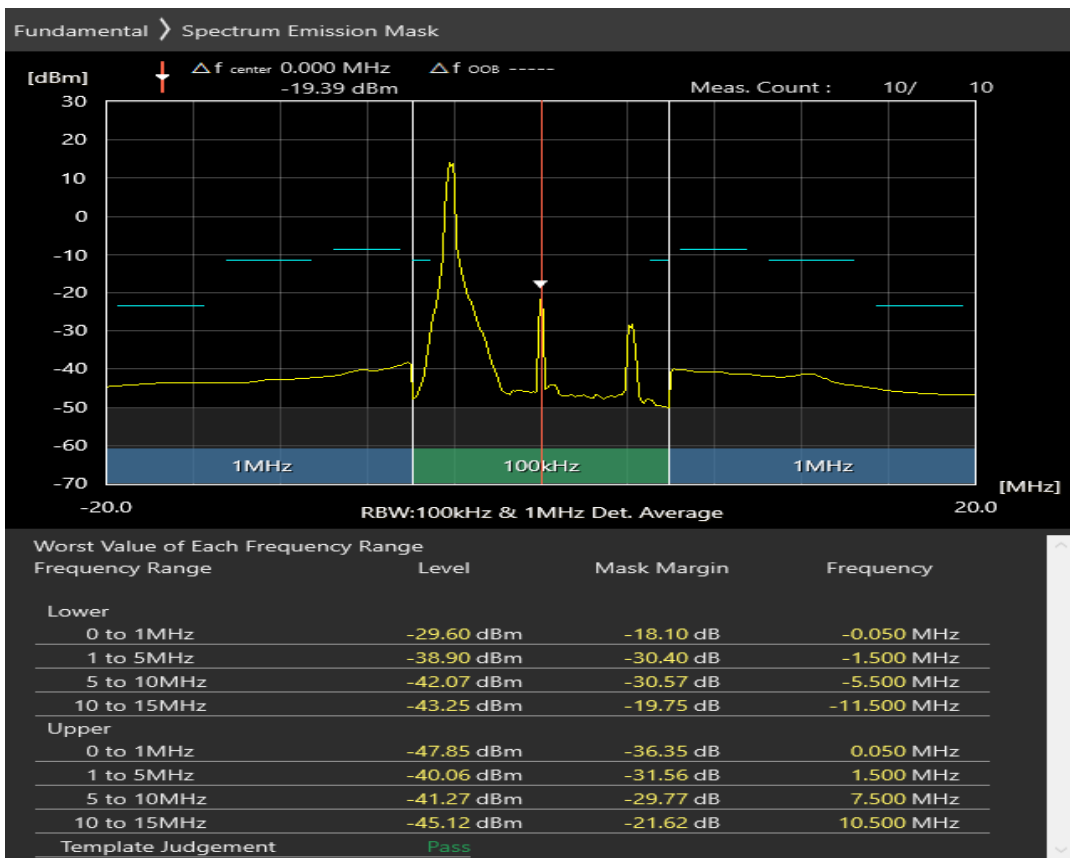
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n1 SCS=30kHz CP_QAM64 BW=10MHz Channel=385000 RB=24@0



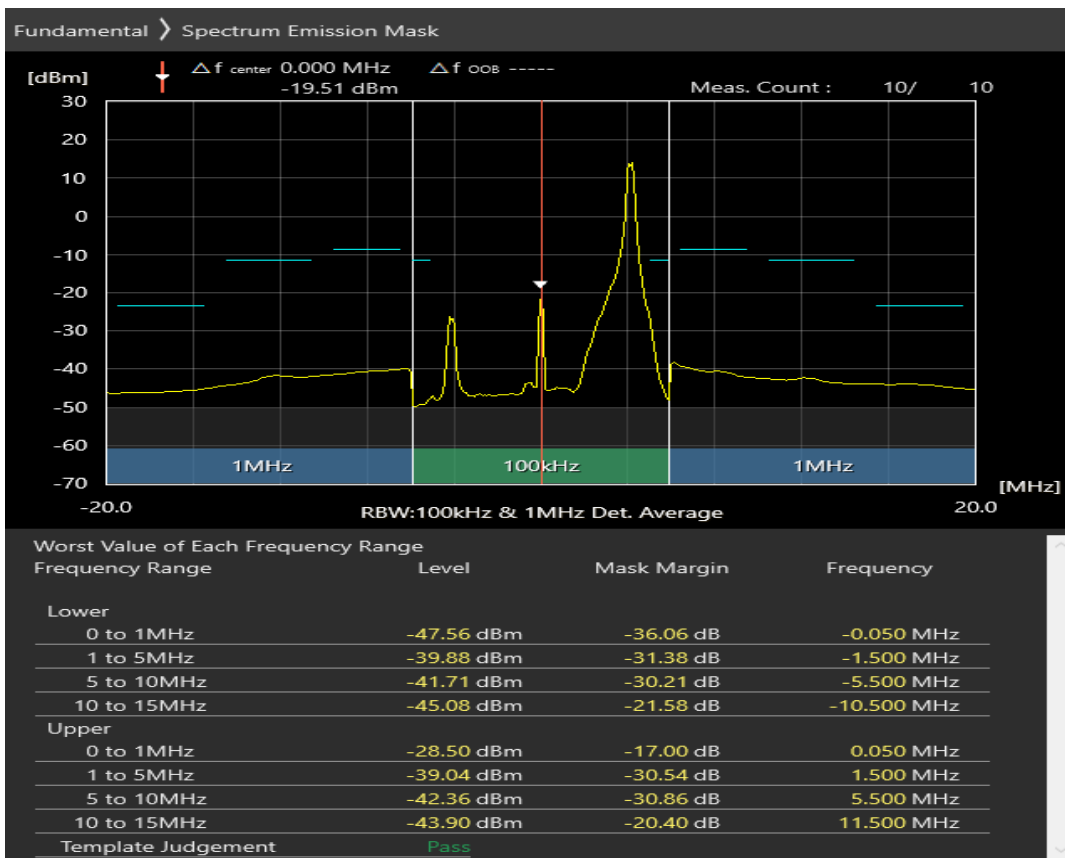
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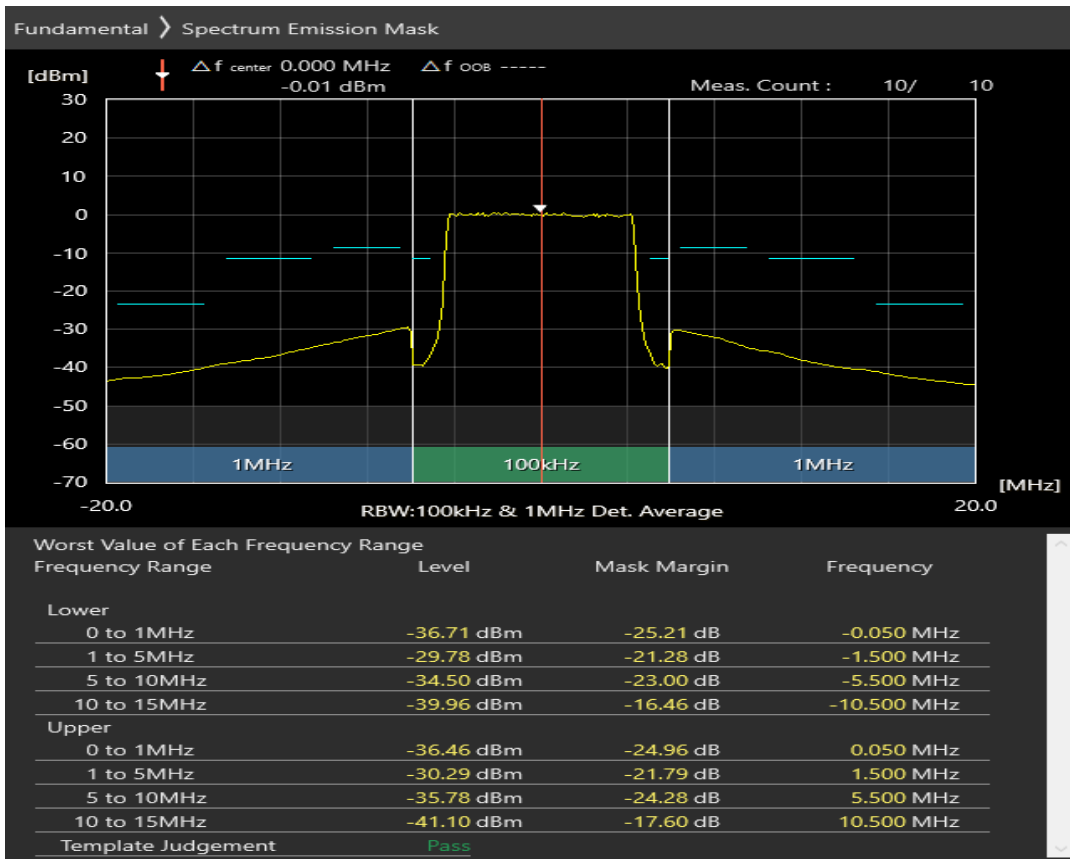
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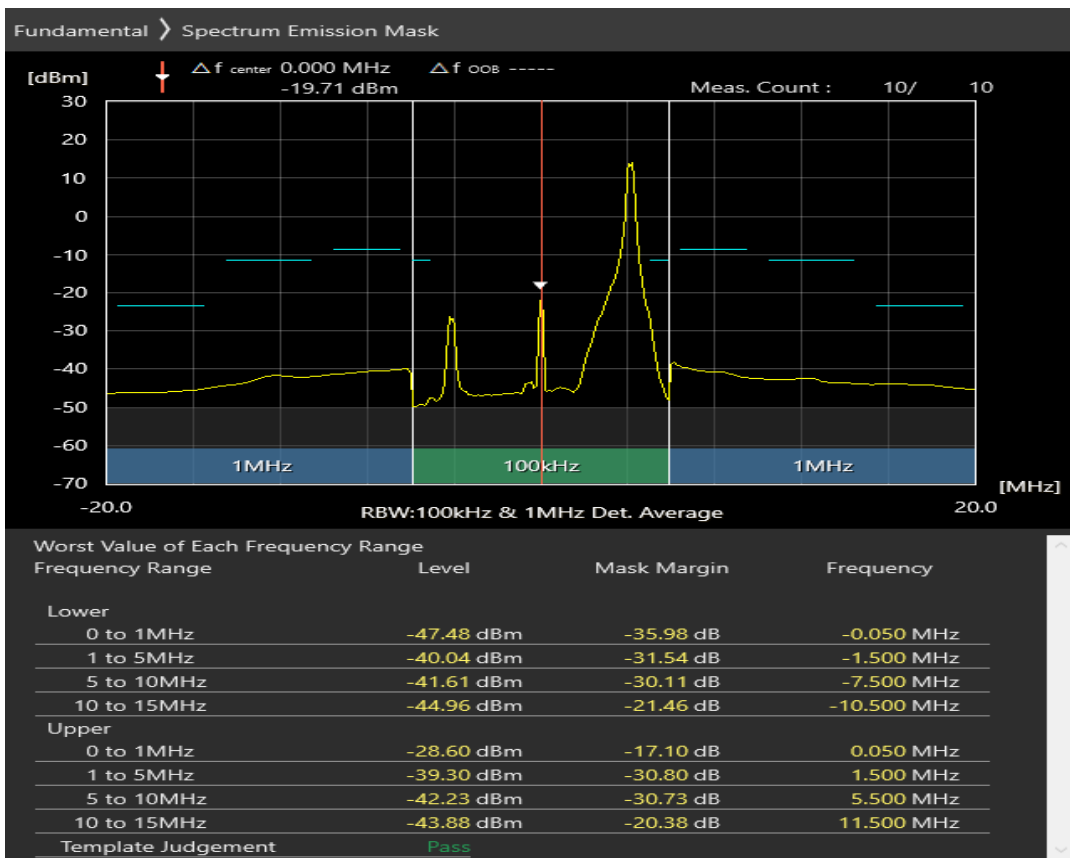
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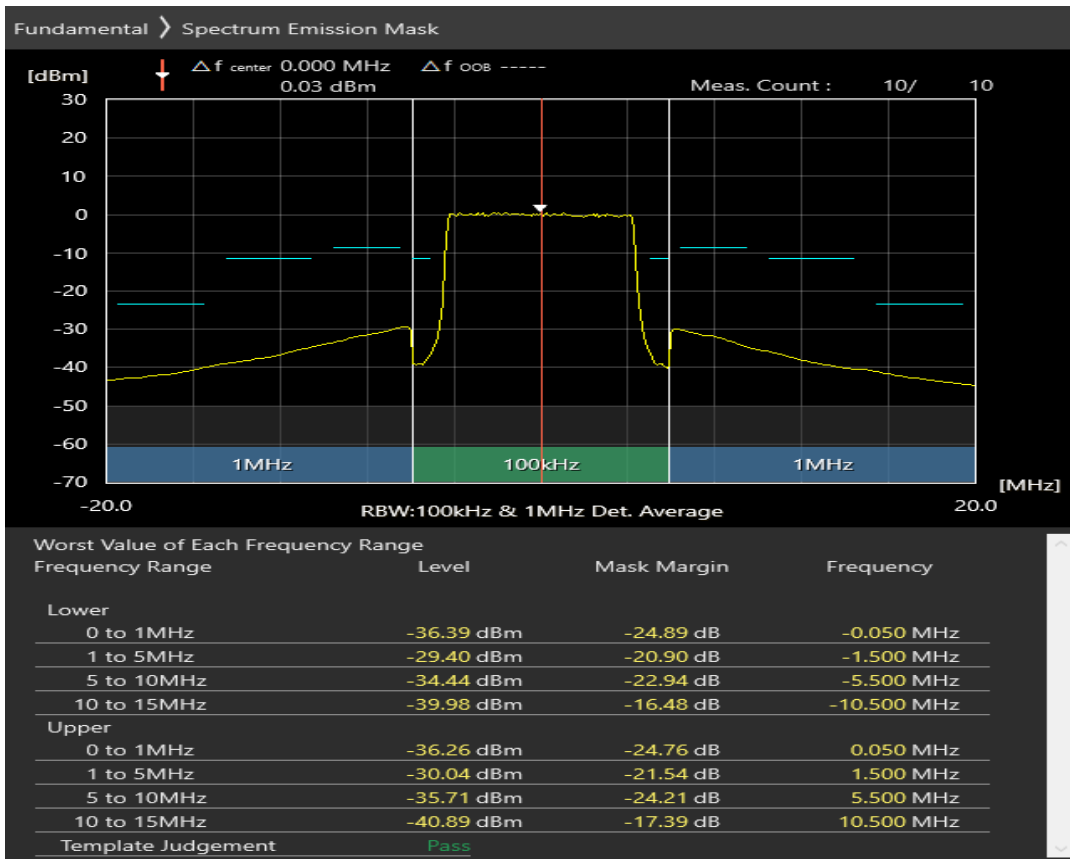
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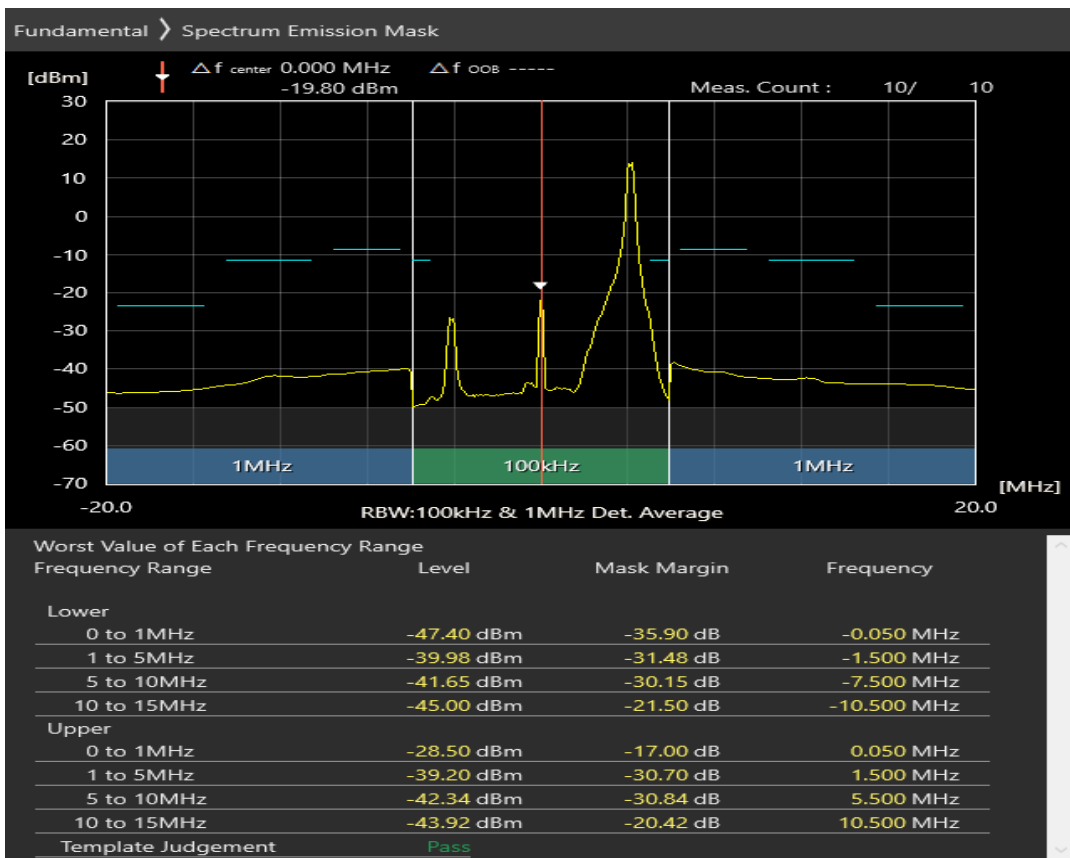
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n1 SCS=30kHz DFT_QPSK BW=10MHz Channel=395000 RB=24@0



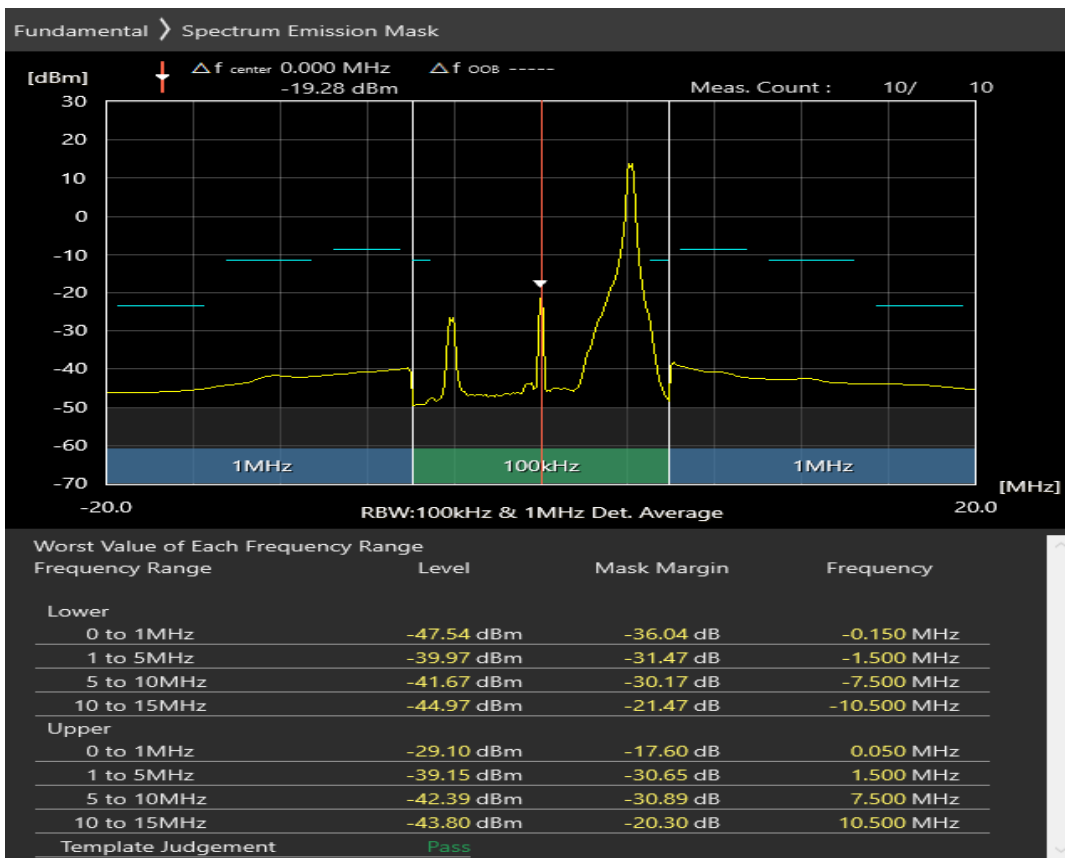
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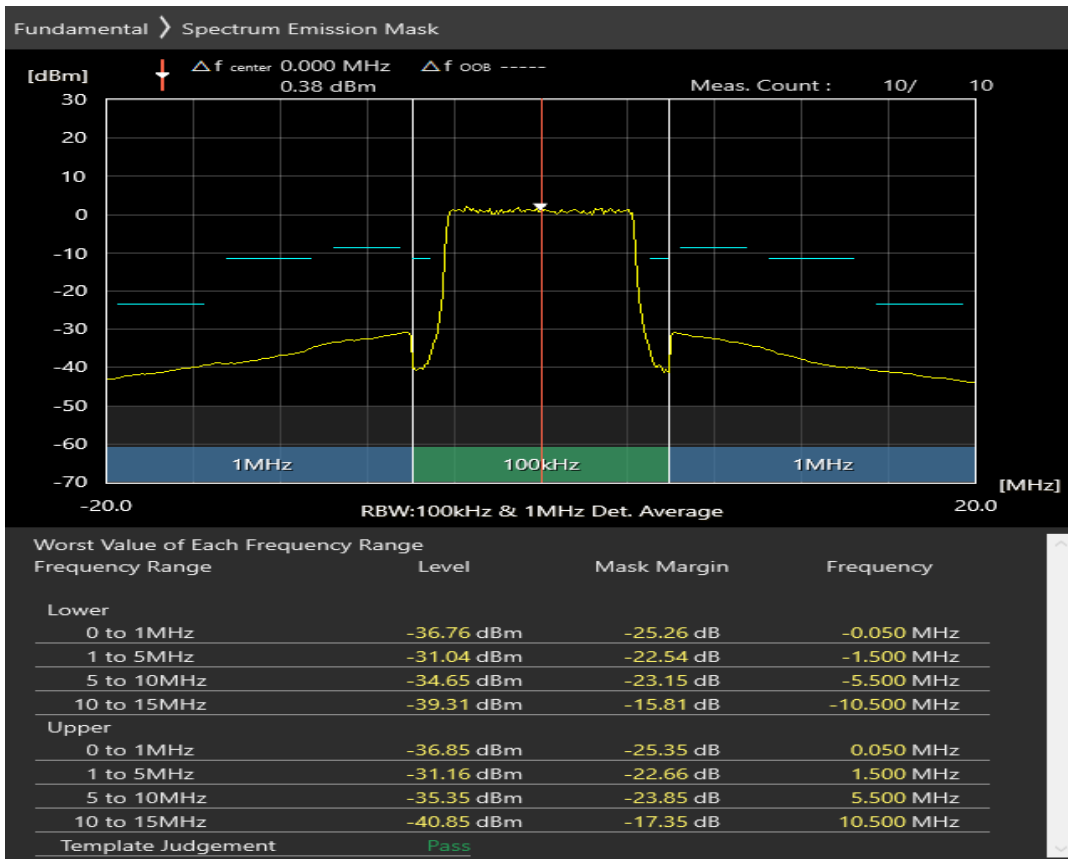
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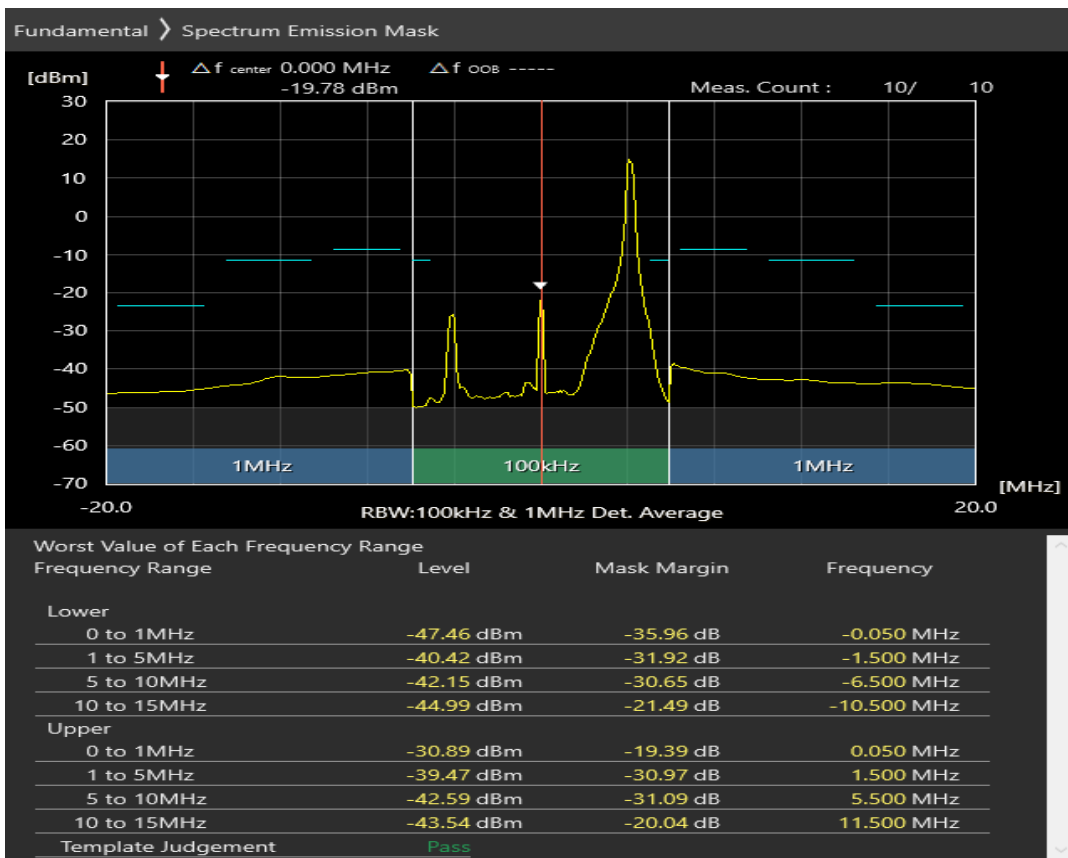
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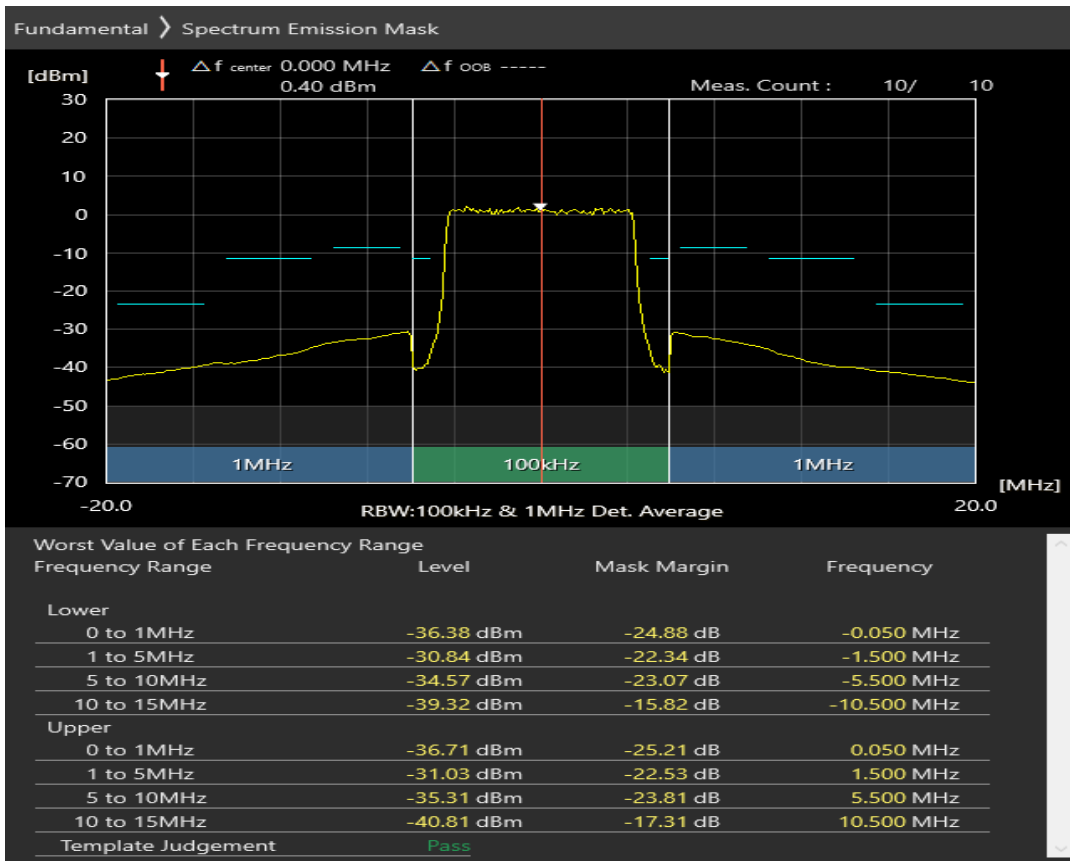
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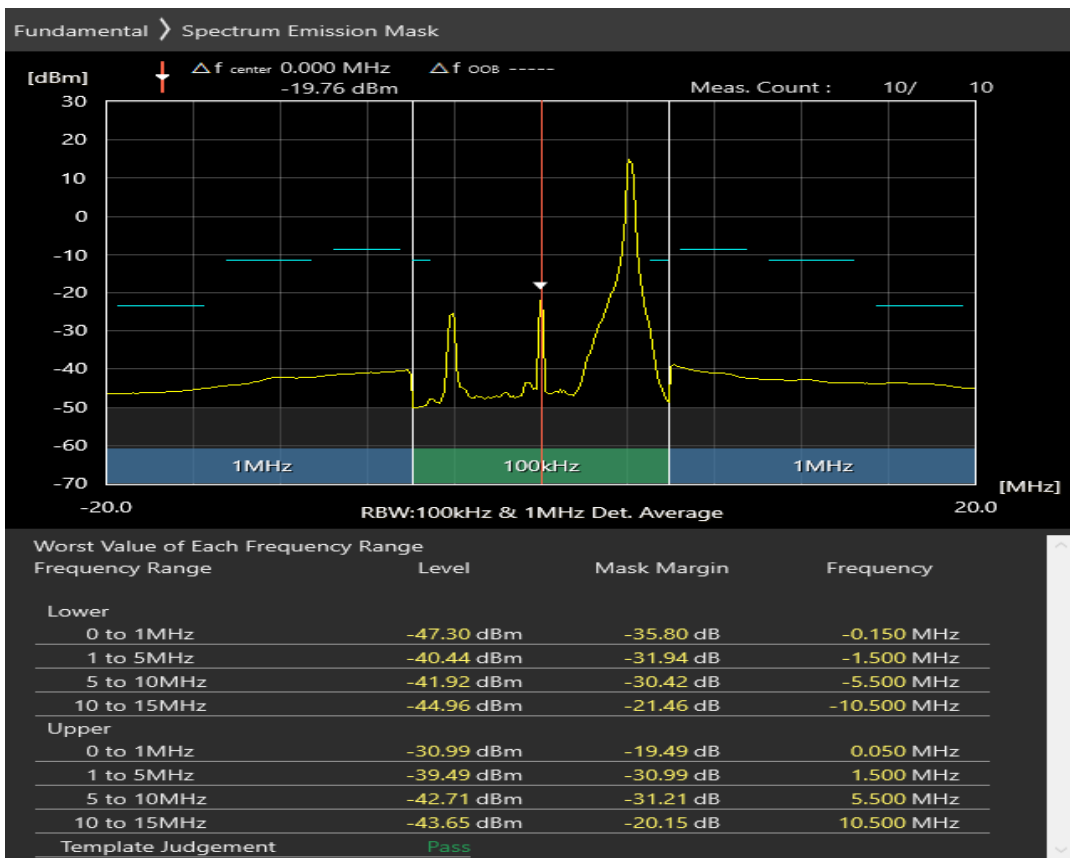
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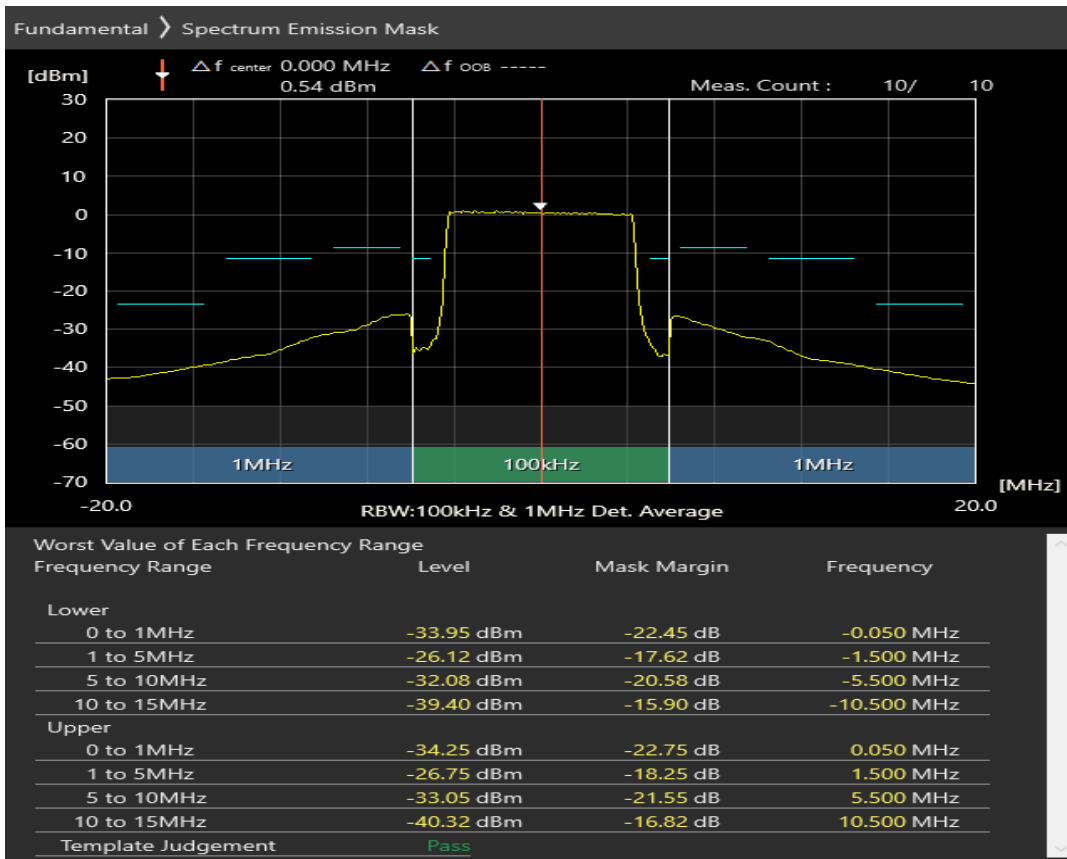
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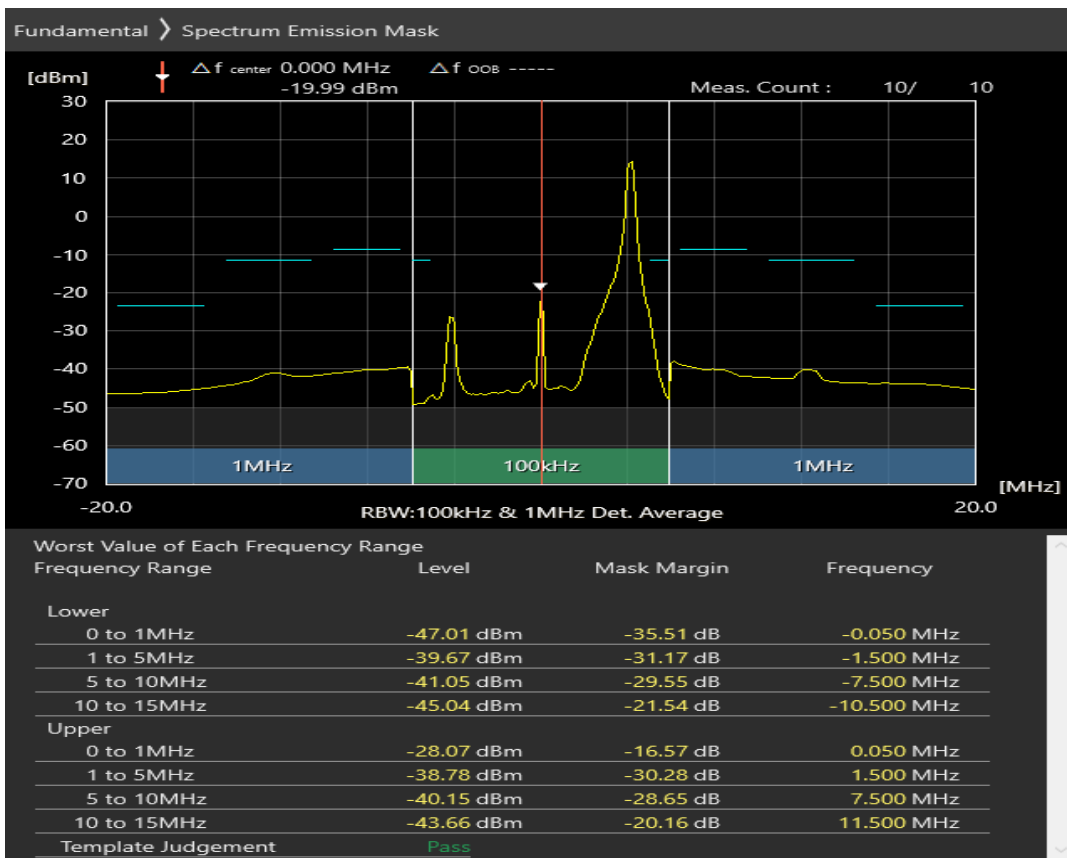
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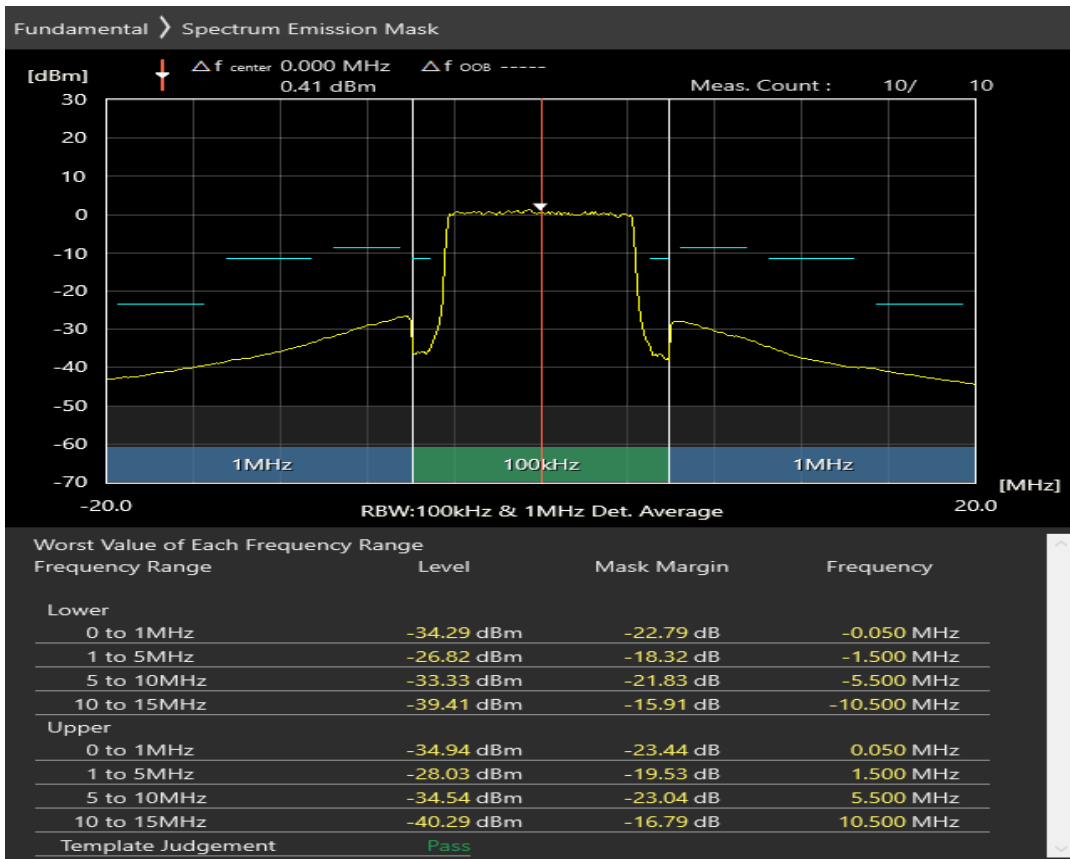
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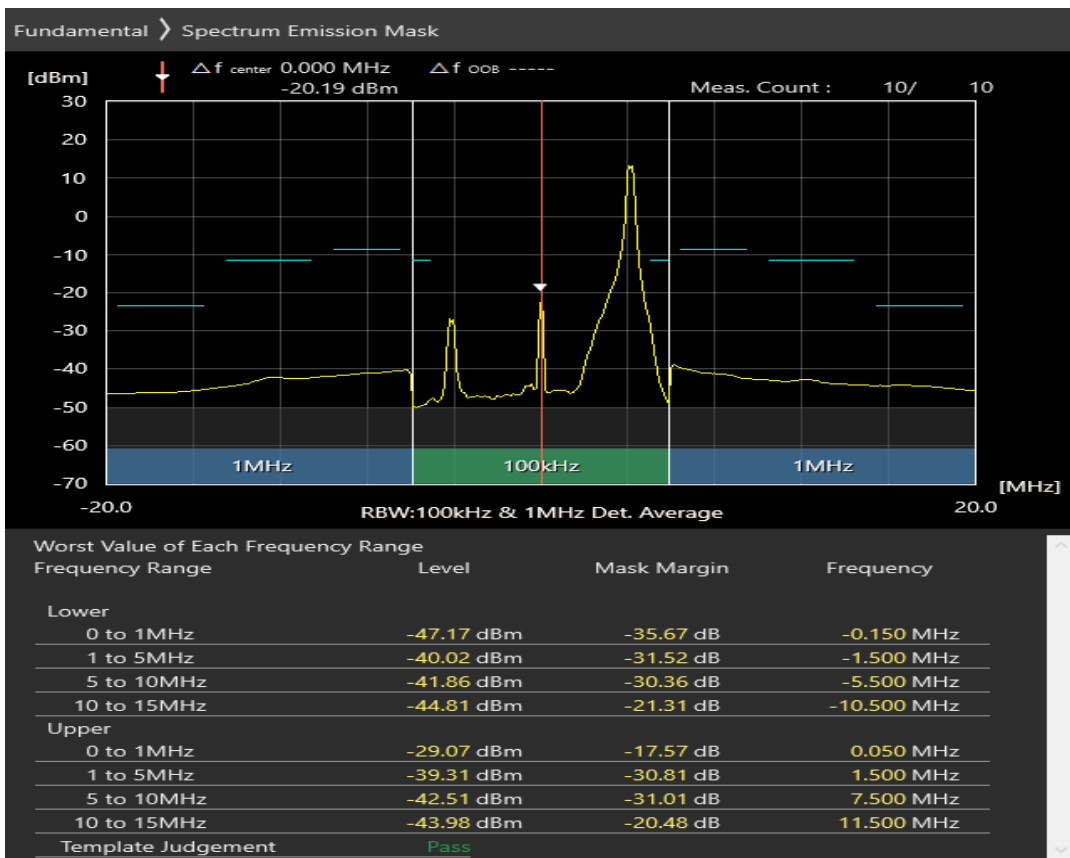
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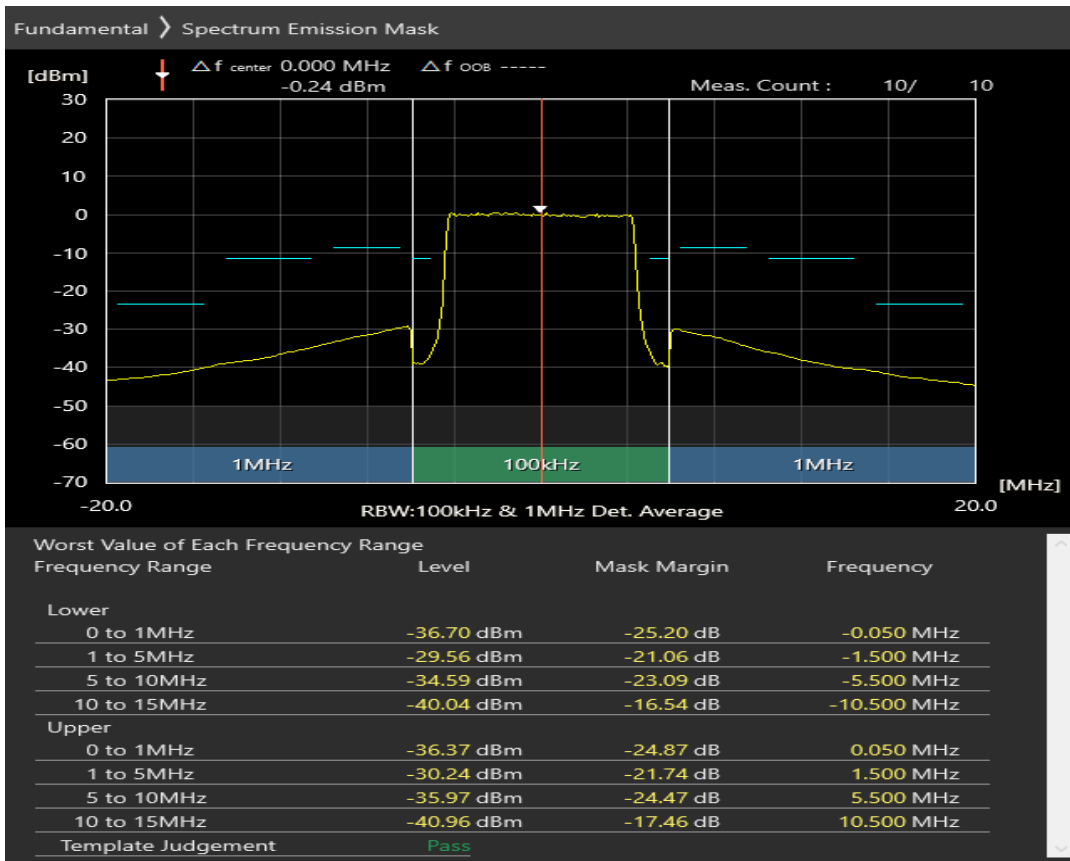
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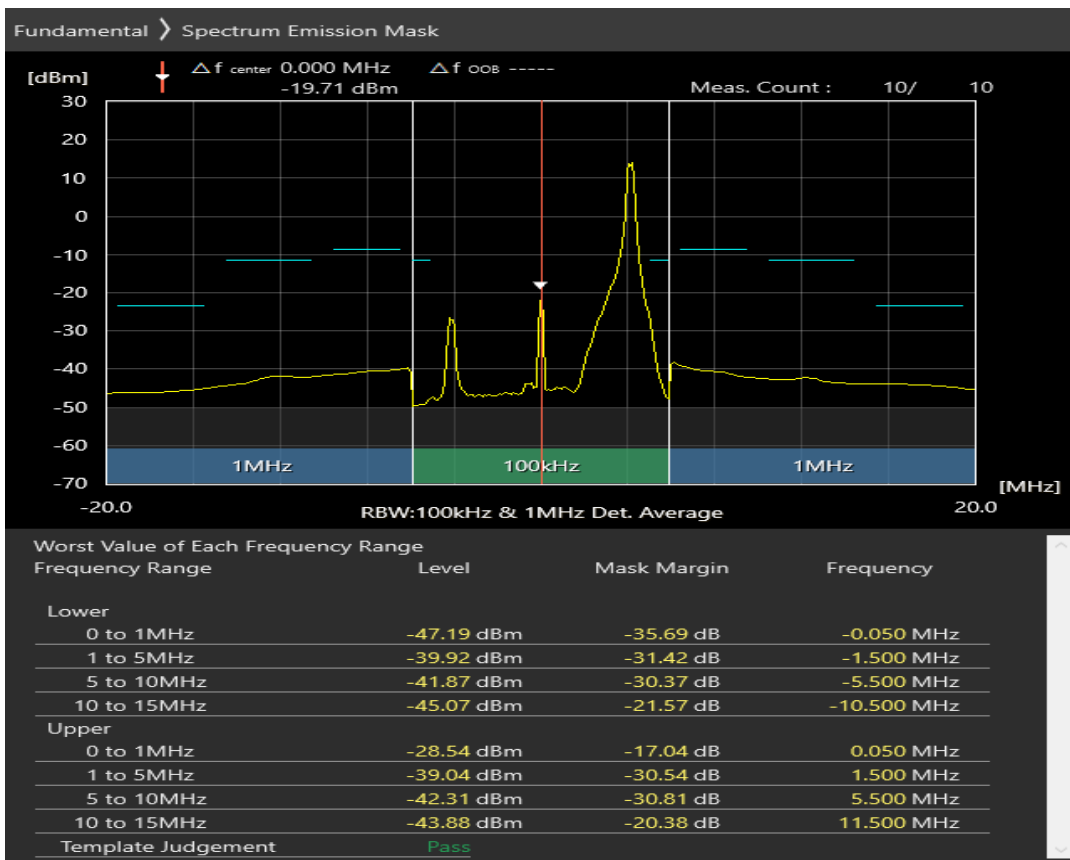
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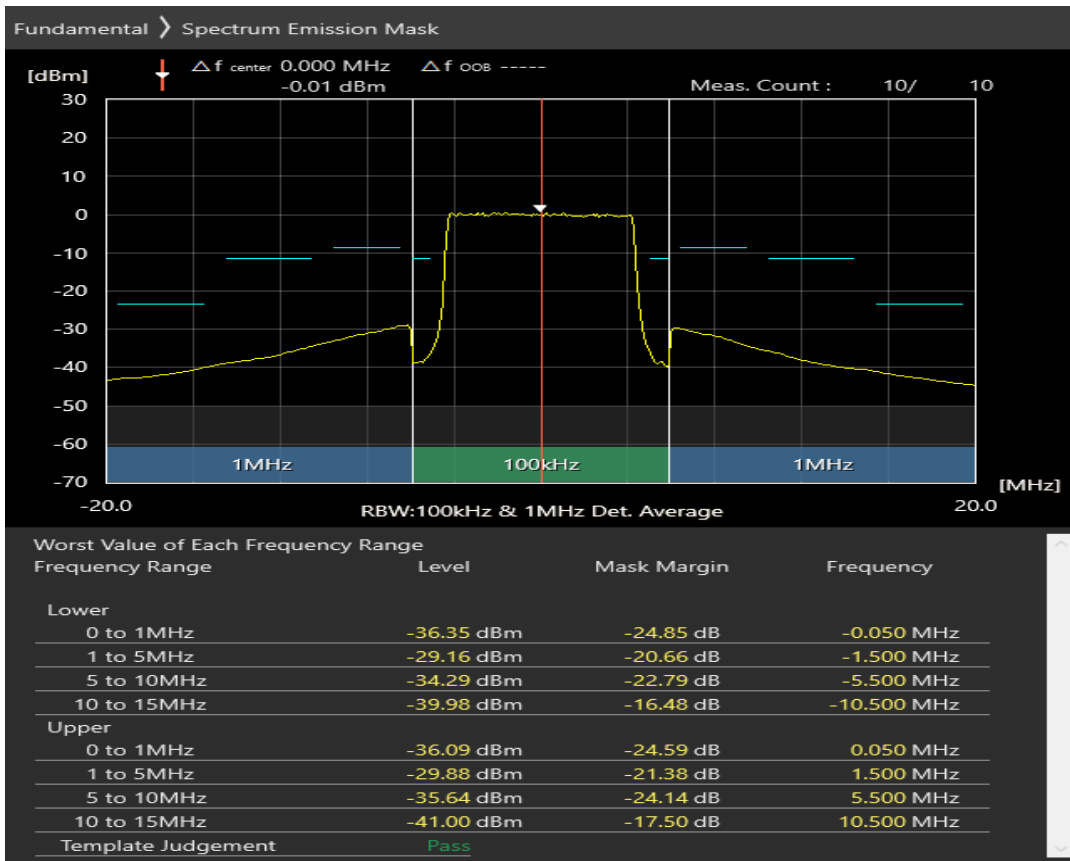
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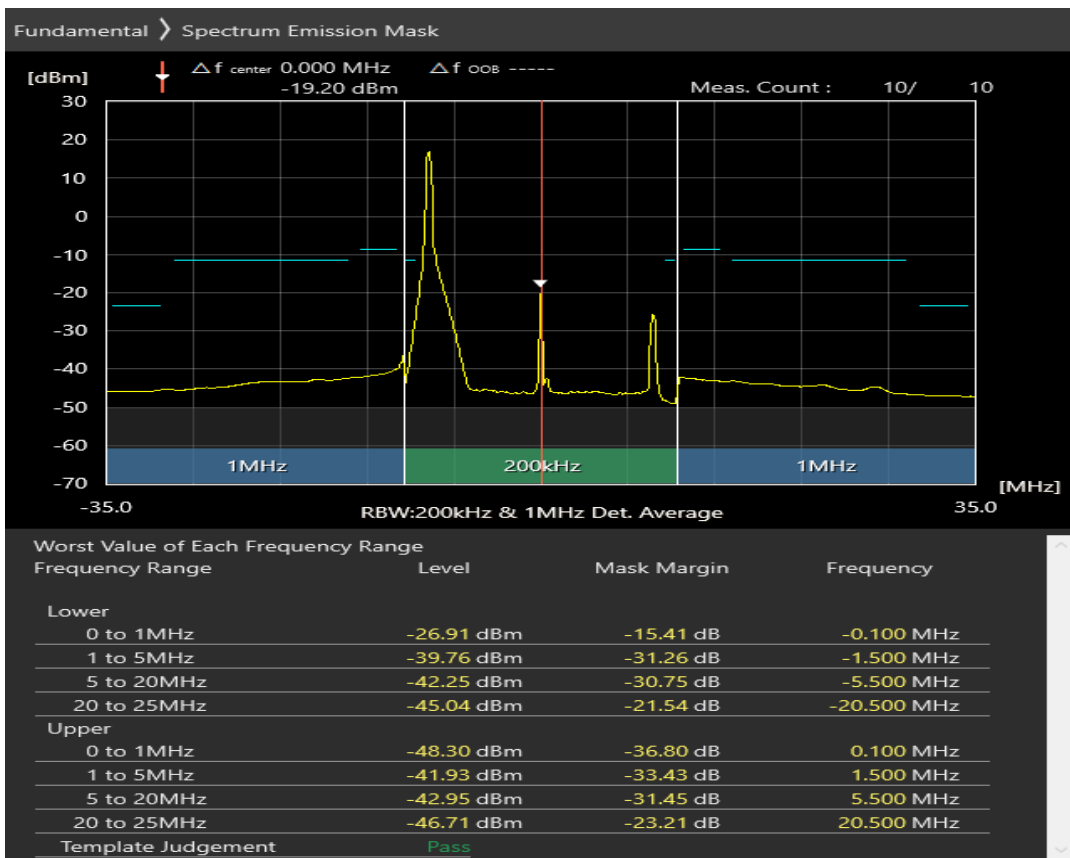
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n1 SCS=30kHz CP_QAM256 BW=10MHz Channel=395000 RB=24@0



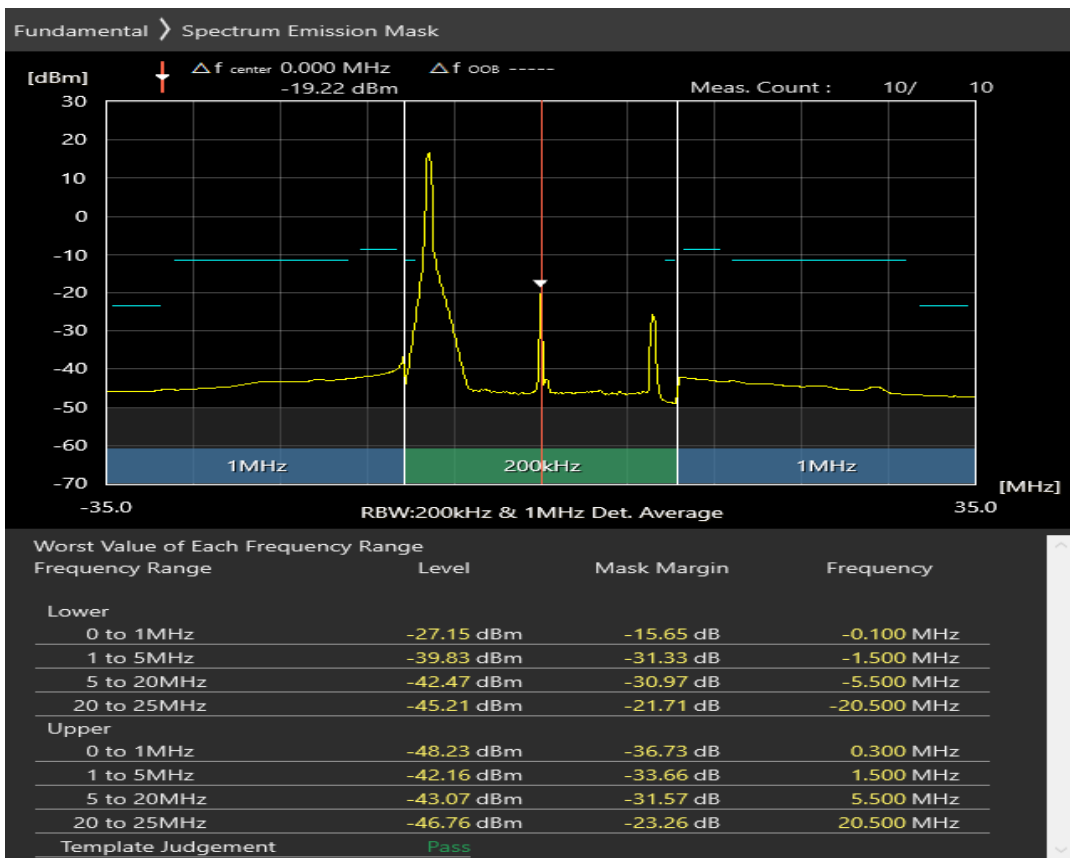
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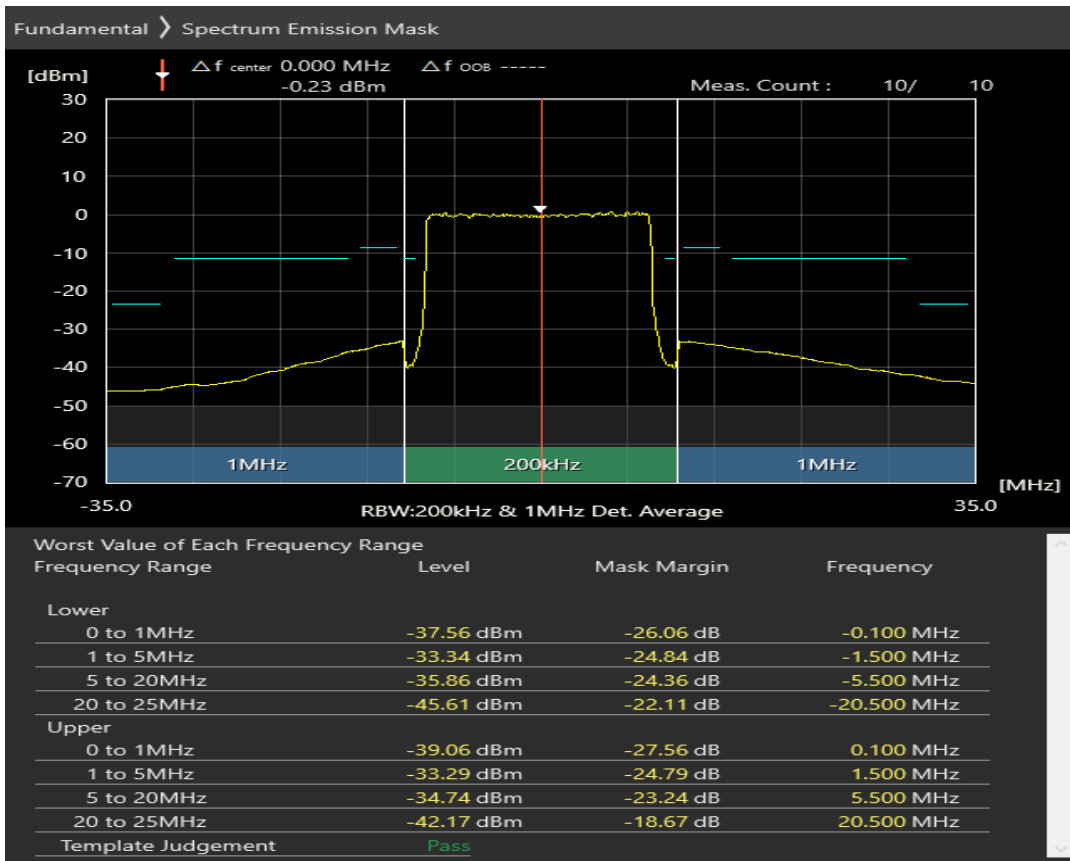
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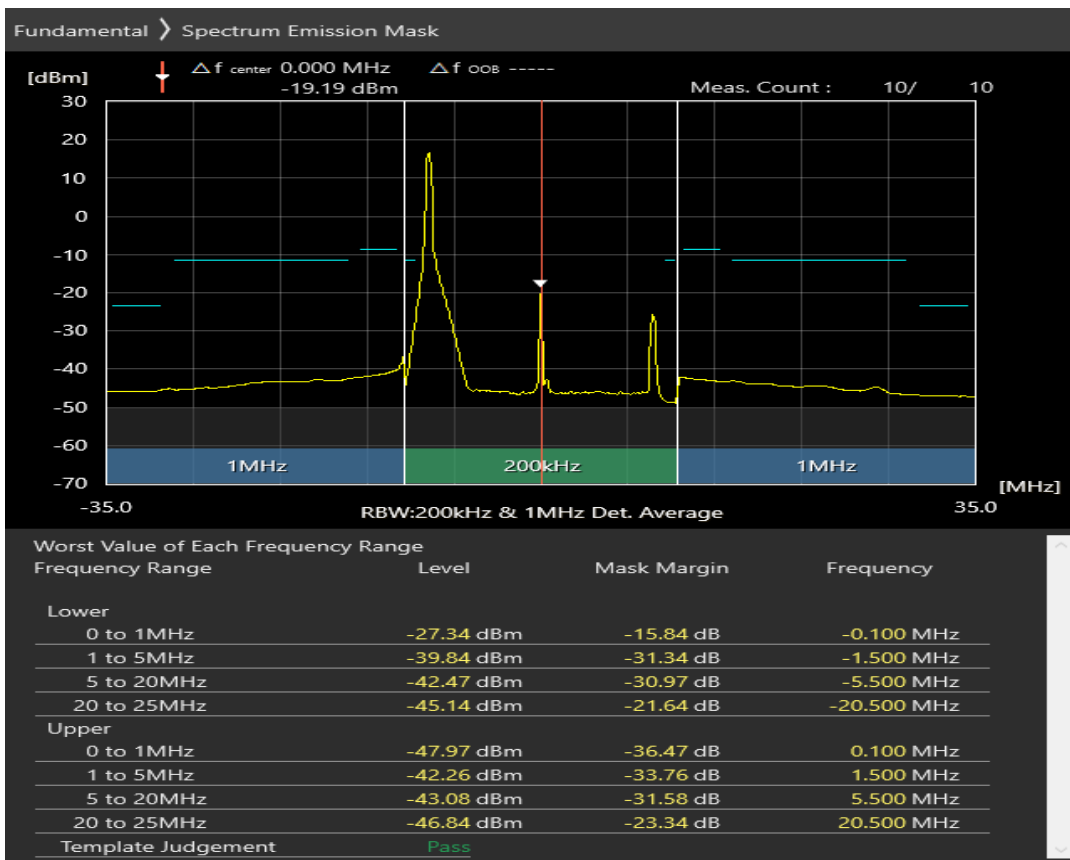
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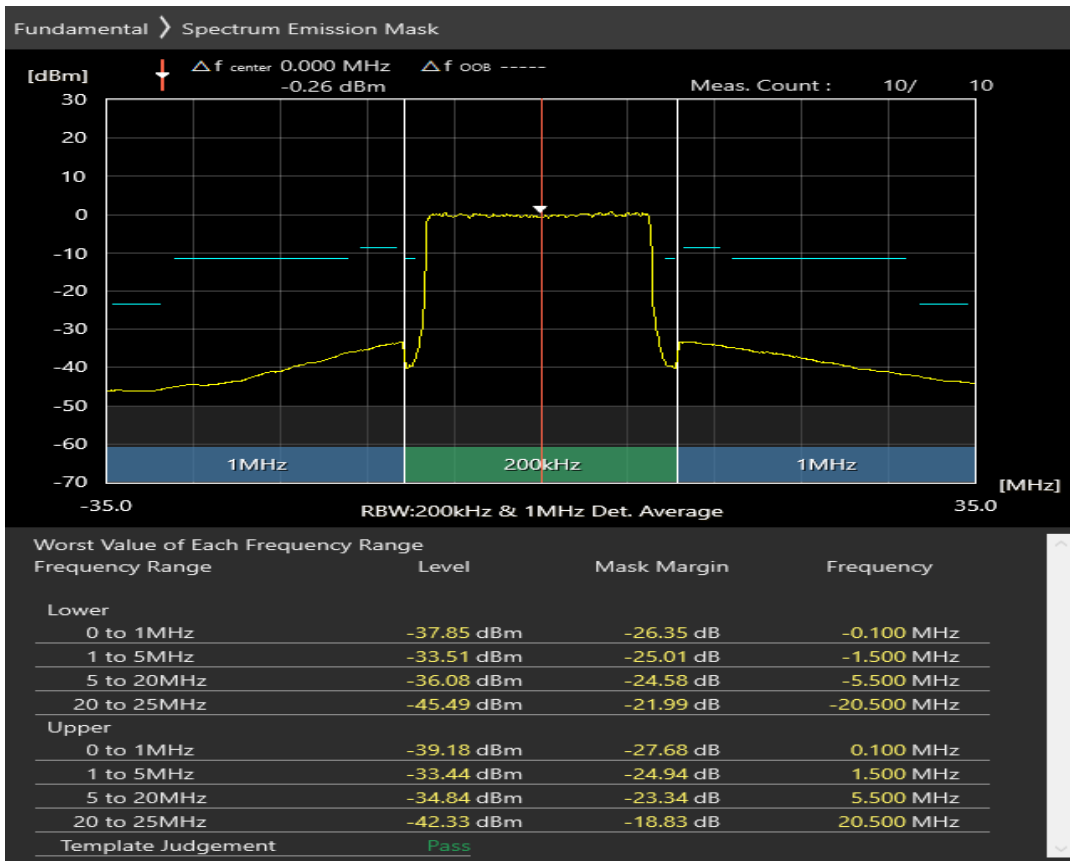
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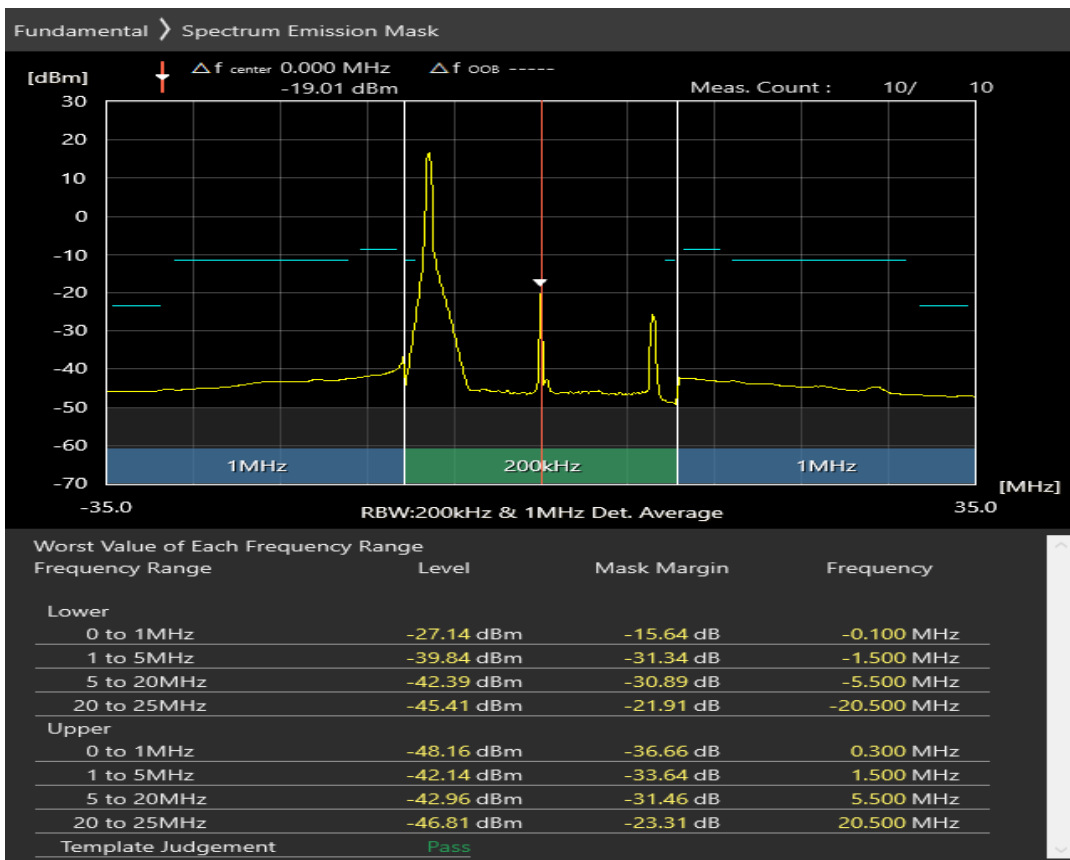
n1 SCS=30kHz DFT_QAM16 BW=20MHz Channel=386000 RB=1@0



n1 SCS=30kHz DFT_QAM16 BW=20MHz Channel=386000 RB=50@0



n1 SCS=30kHz DFT_QAM64 BW=20MHz Channel=386000 RB=1@0



n1 SCS=30kHz DFT_QAM64 BW=20MHz Channel=386000 RB=50@0



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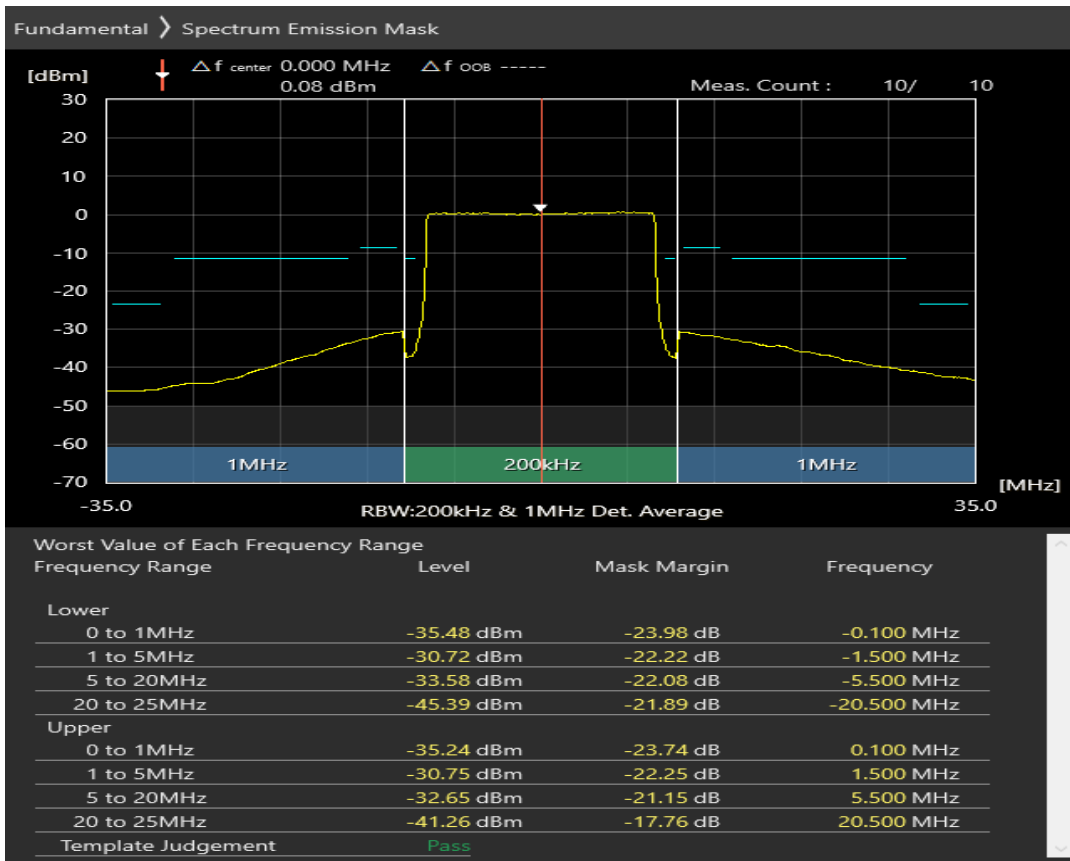
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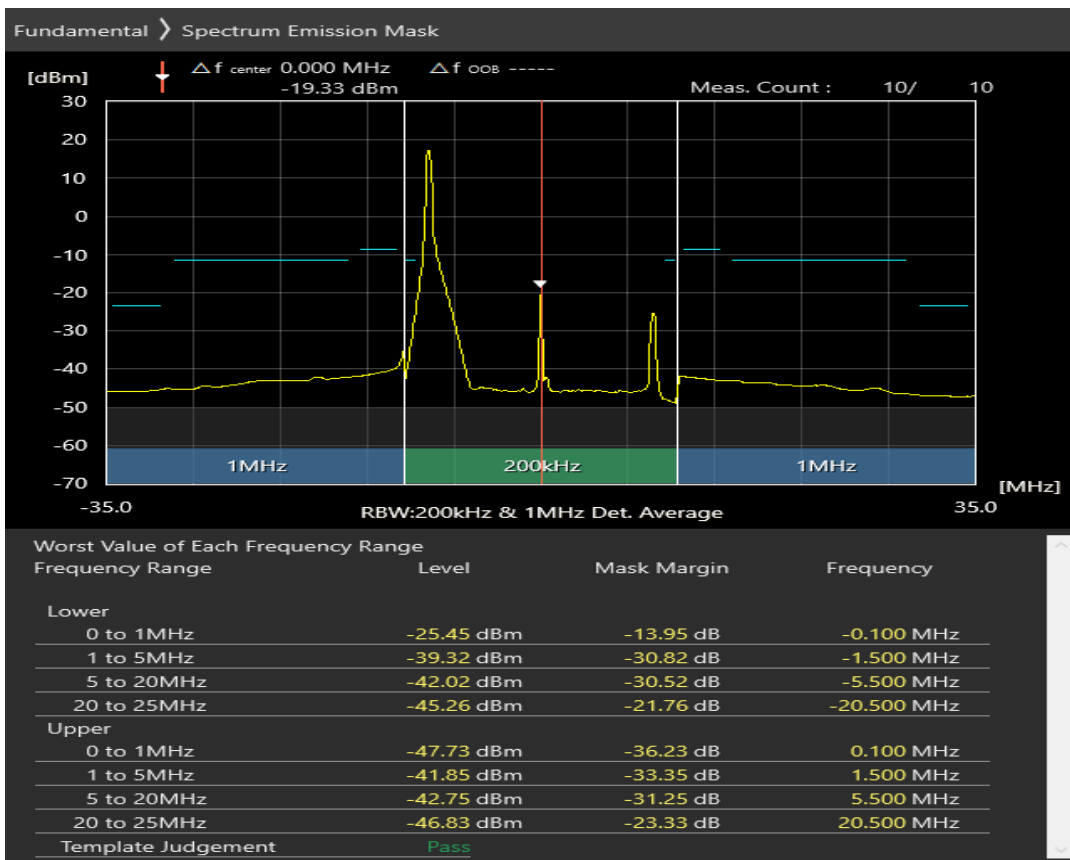
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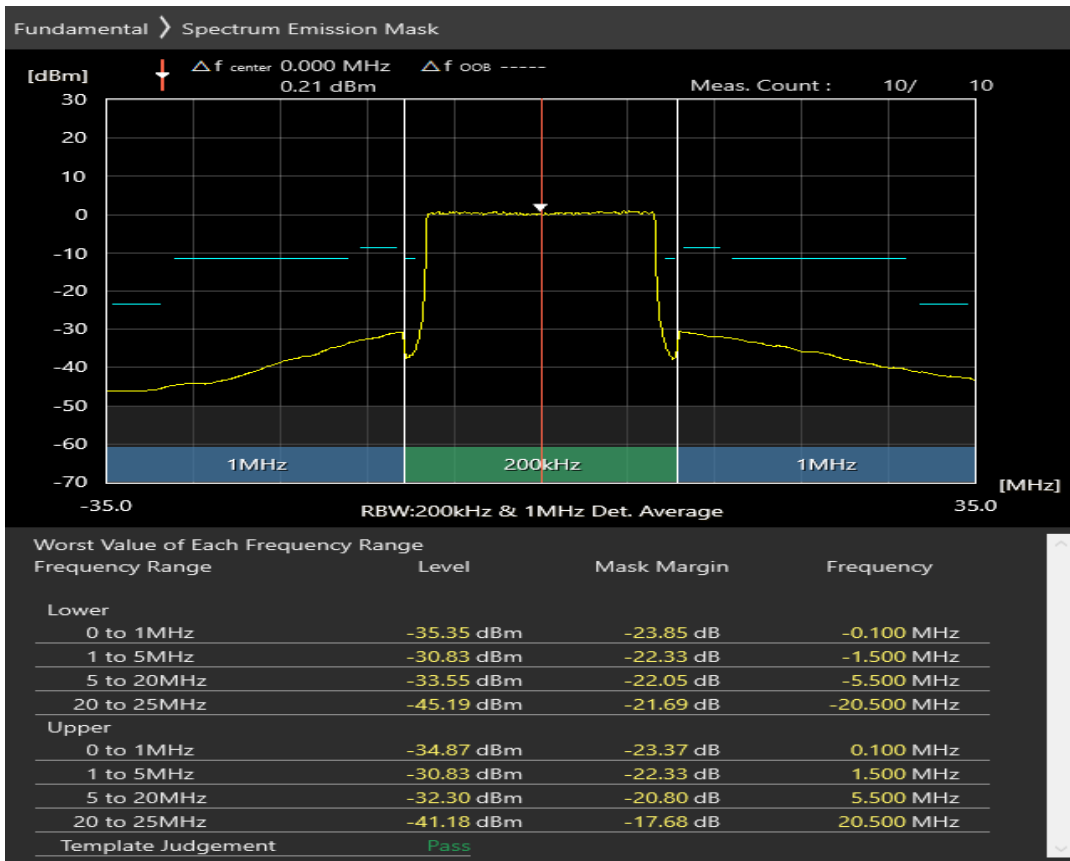
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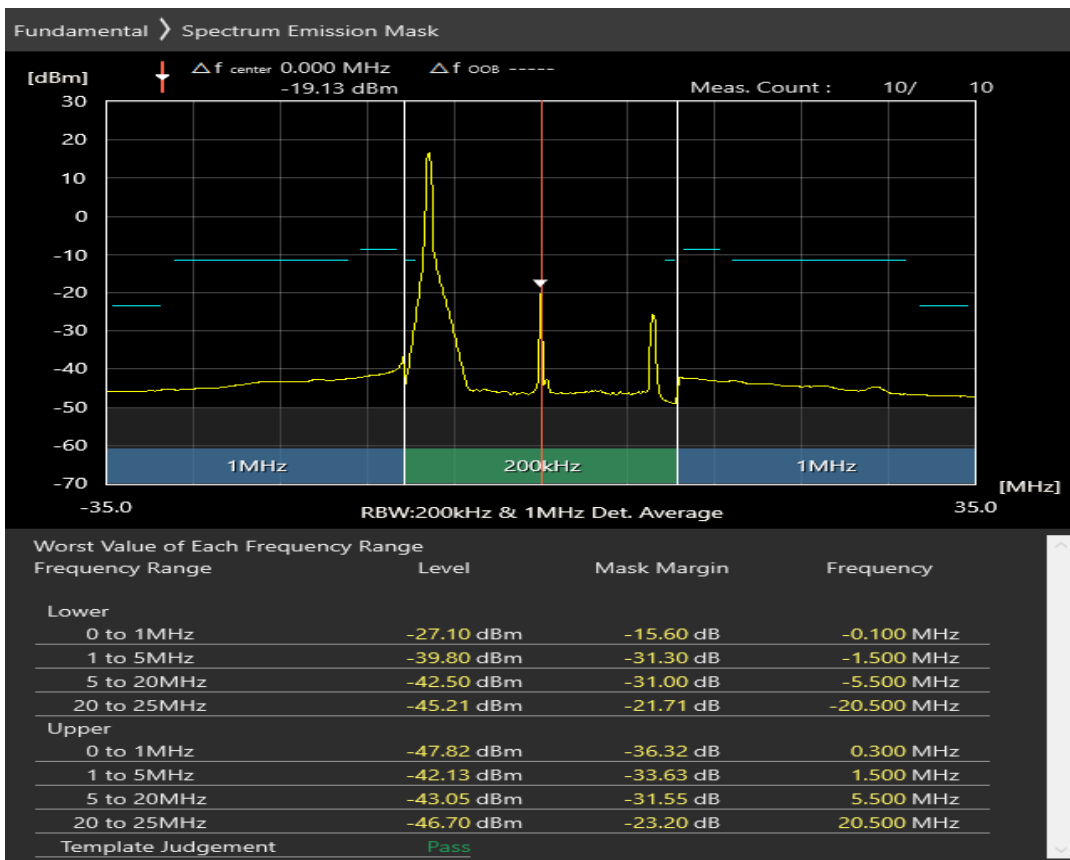
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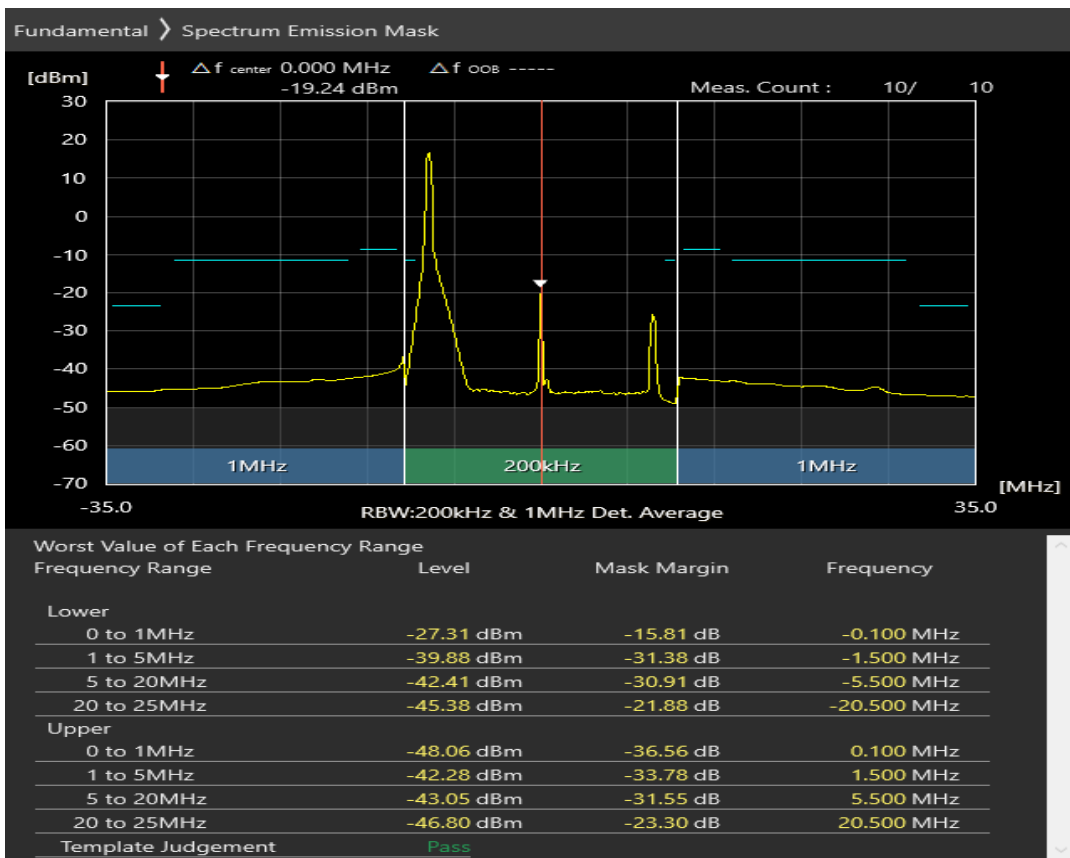
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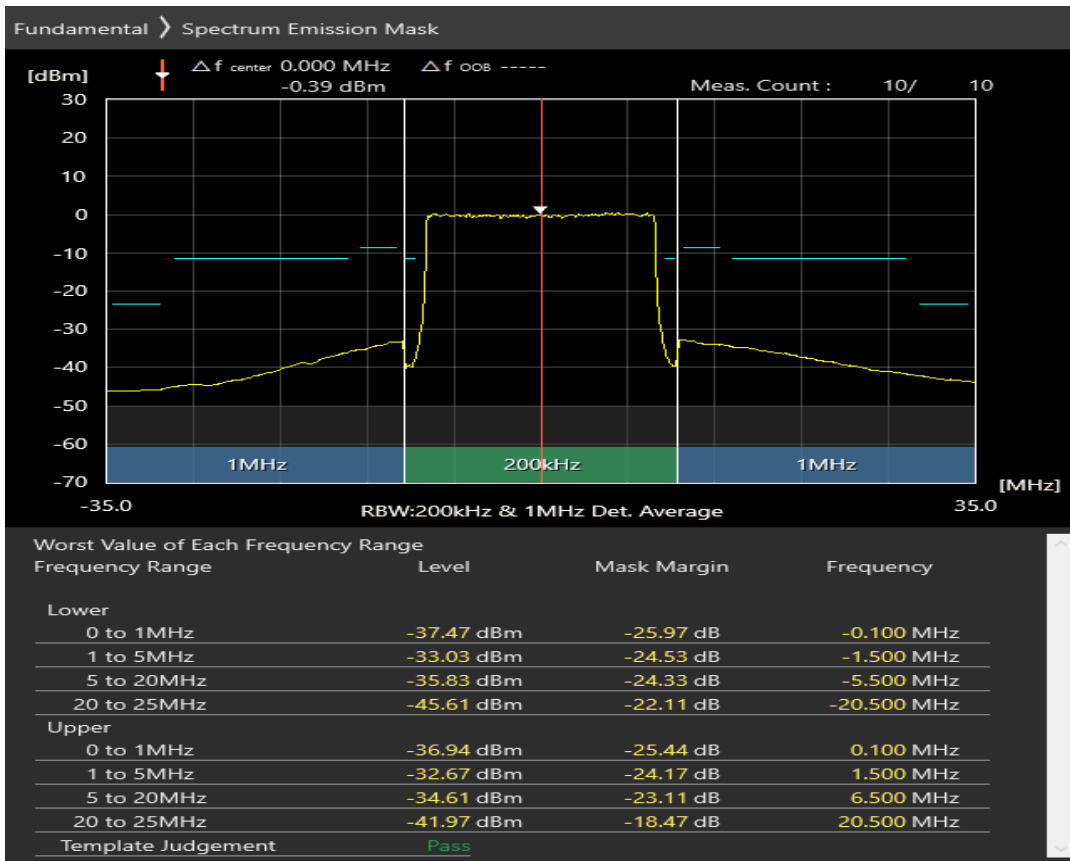
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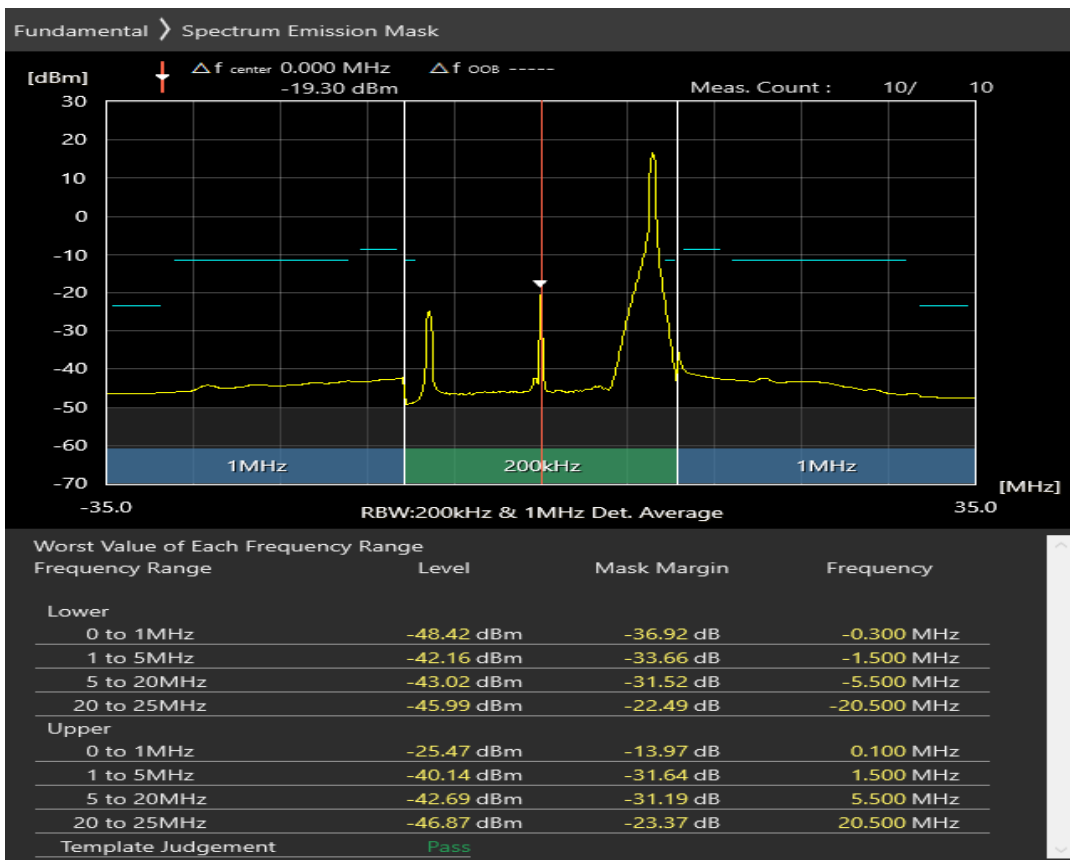
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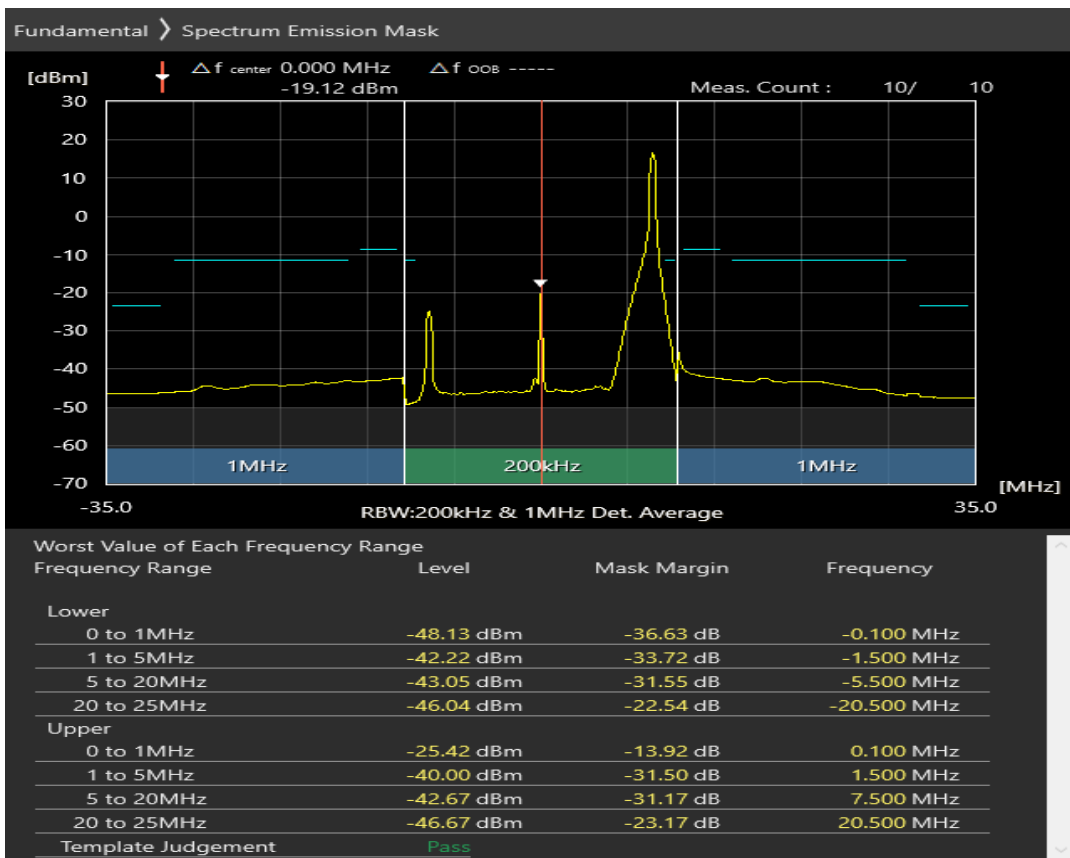
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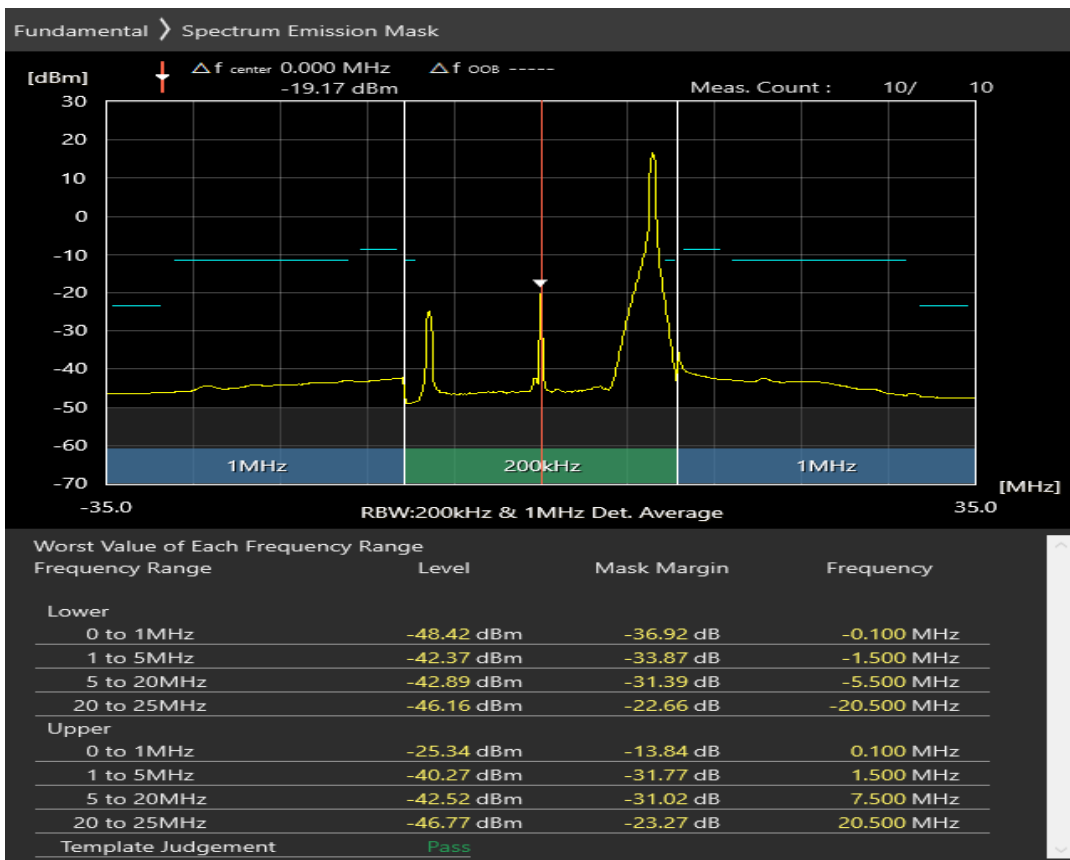
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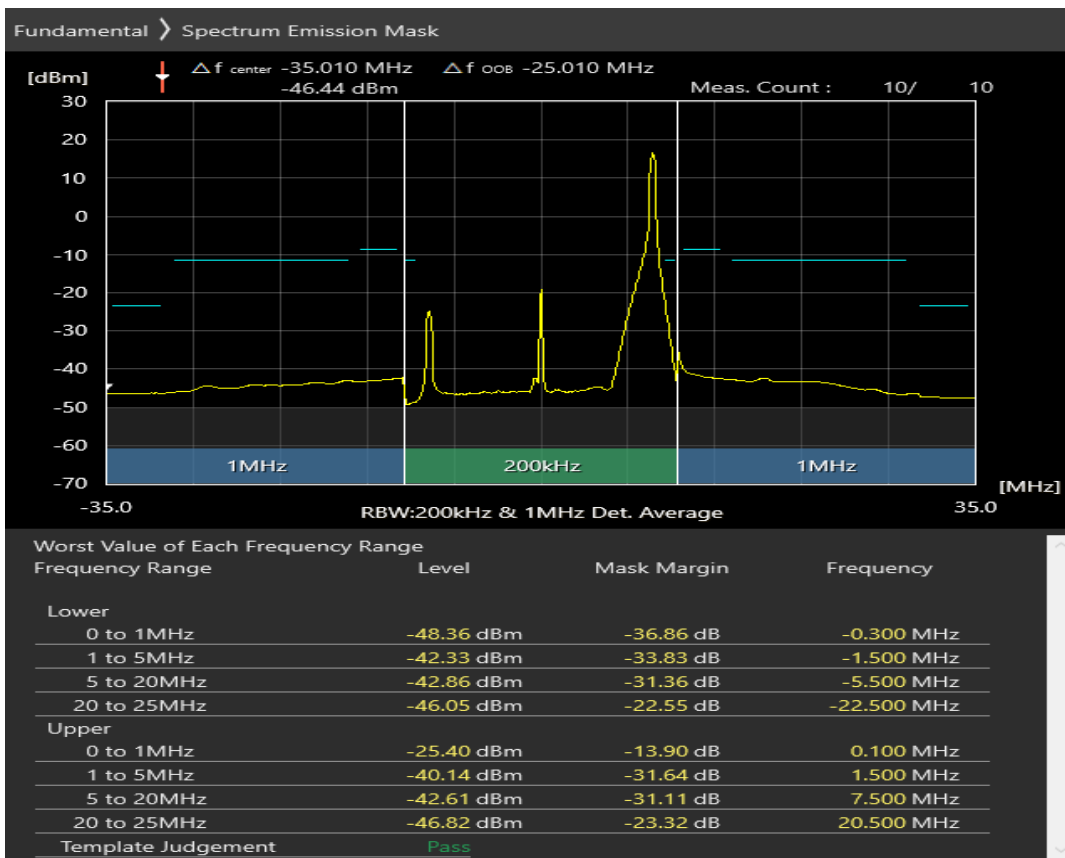
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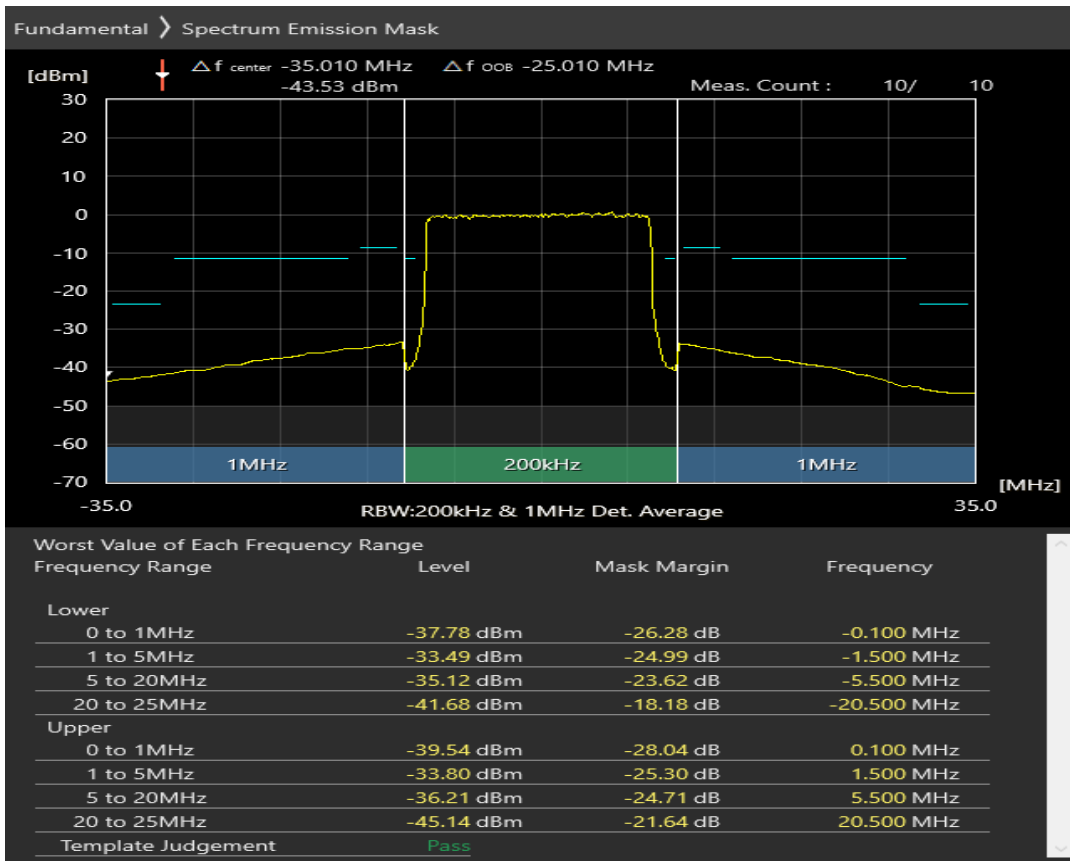
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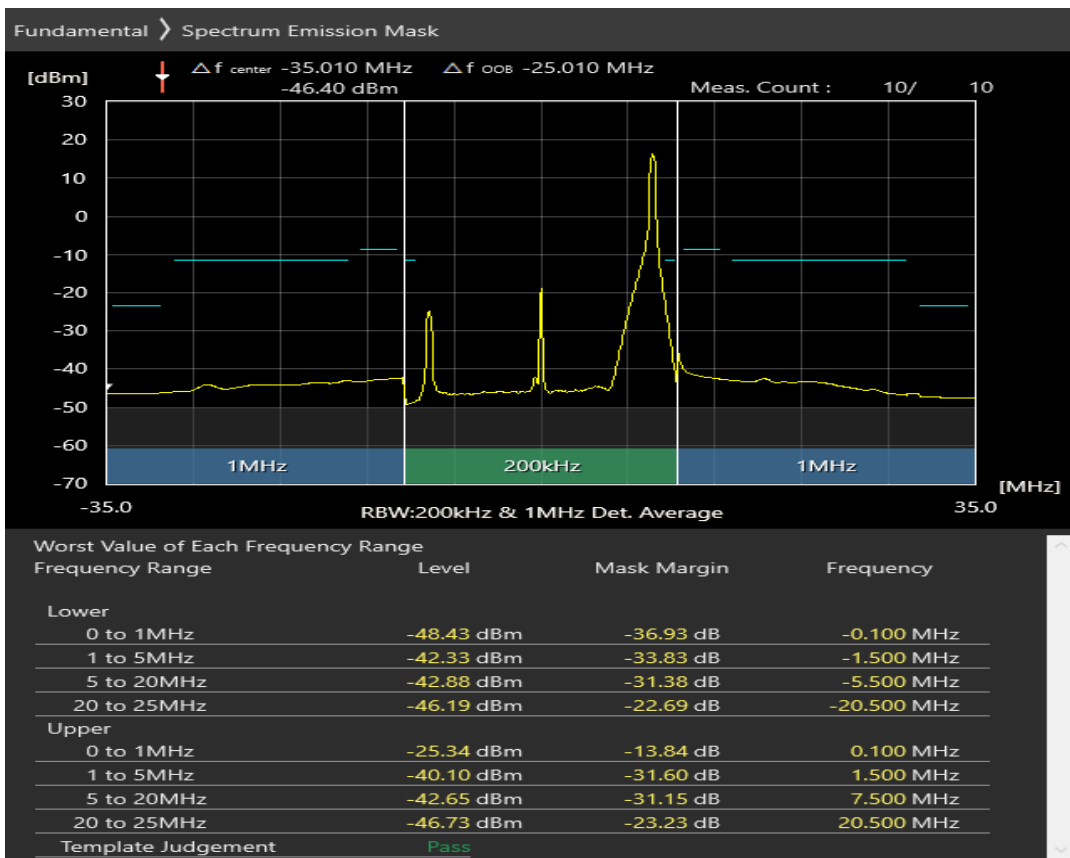
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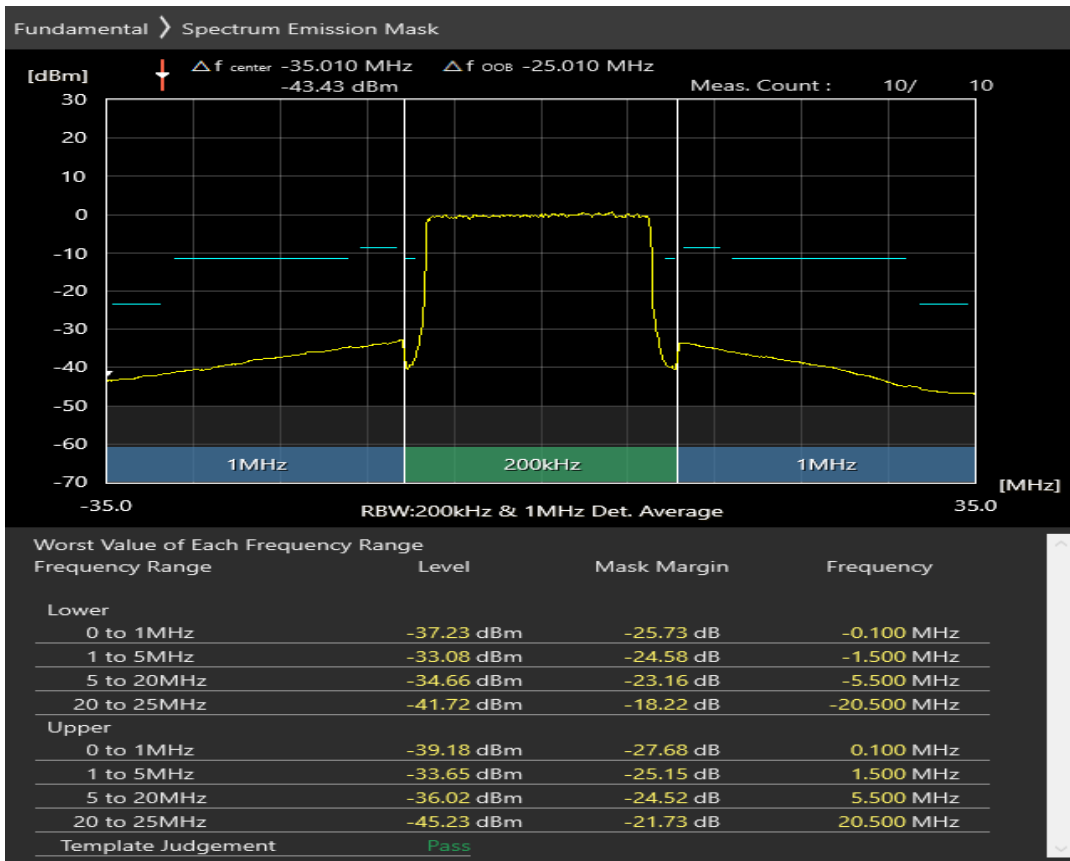
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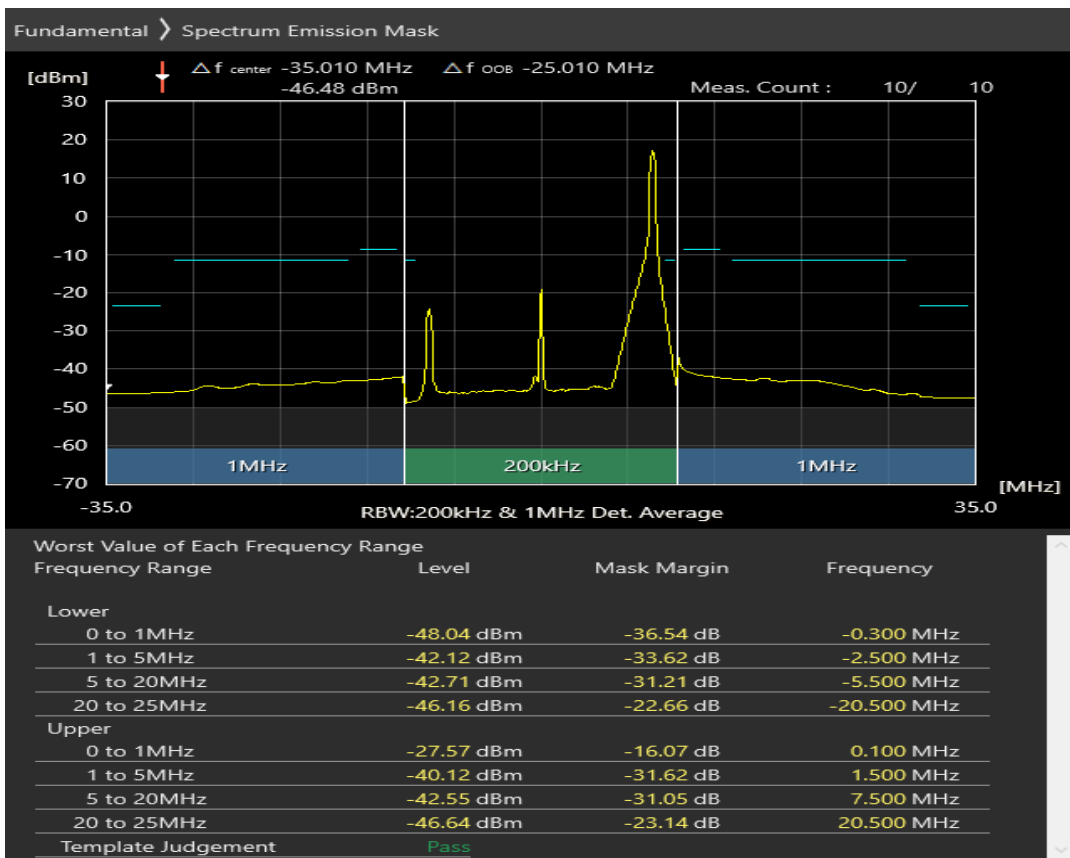
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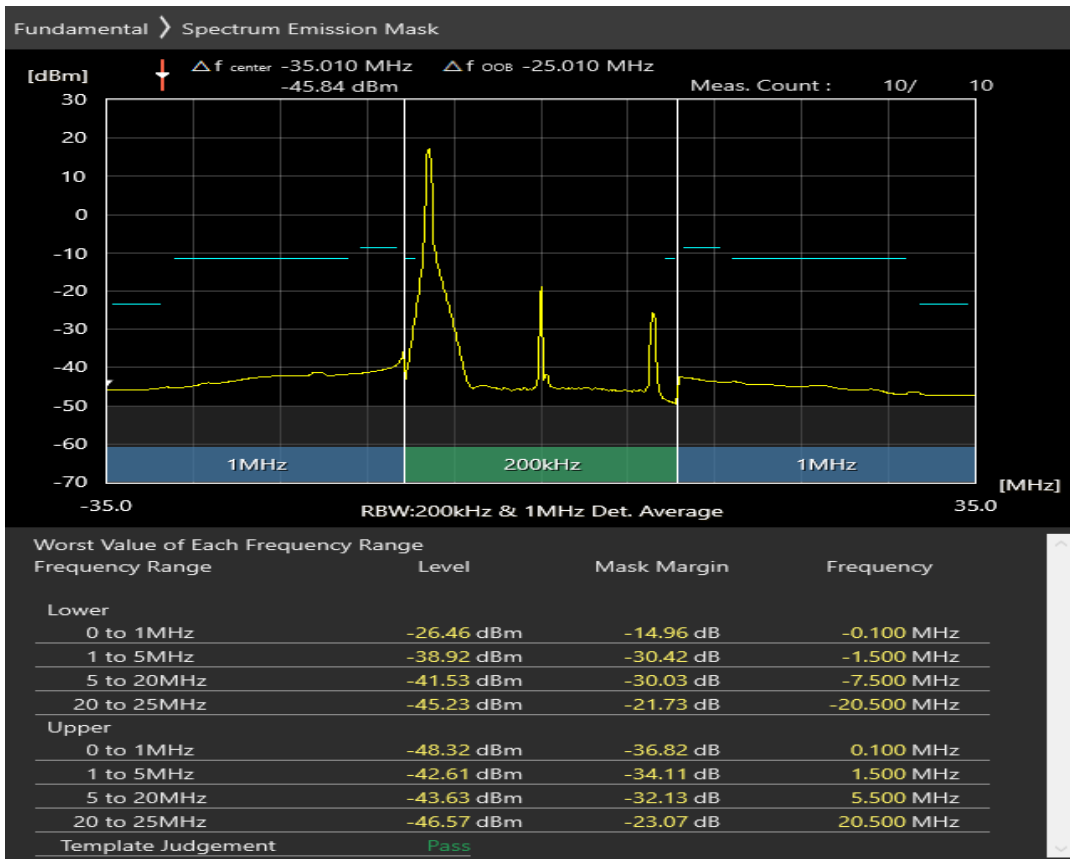
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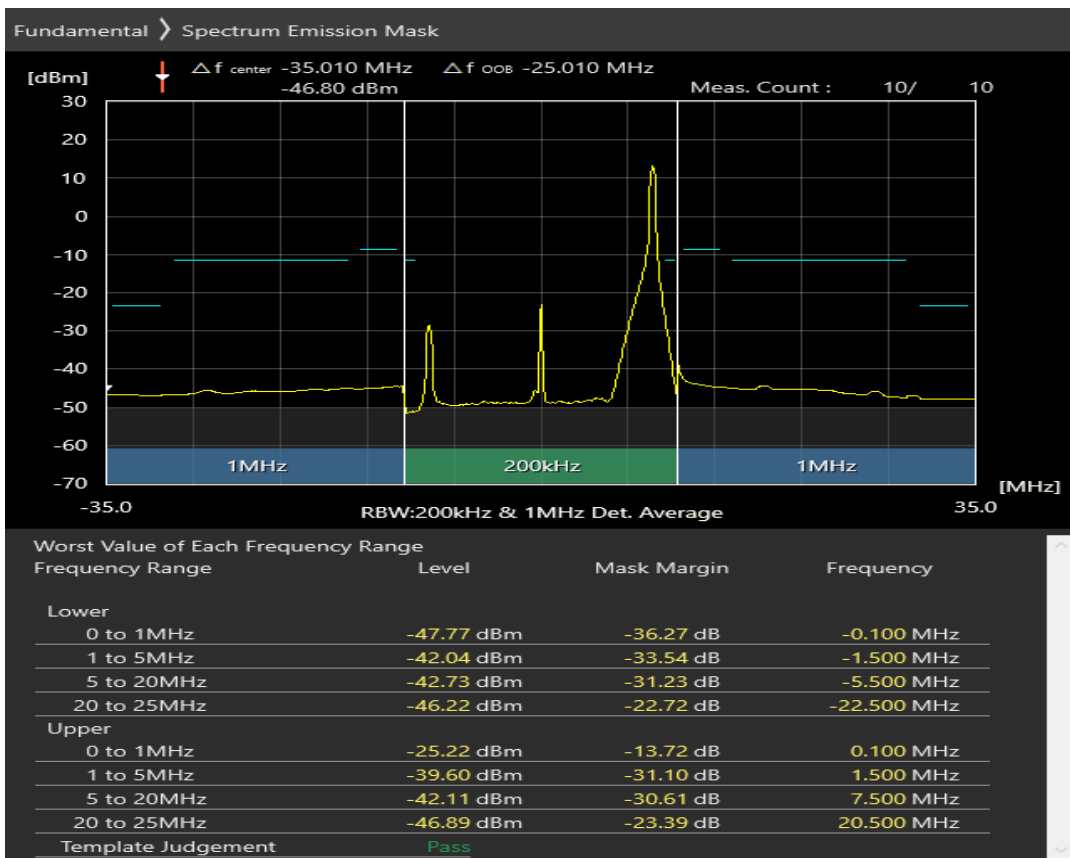
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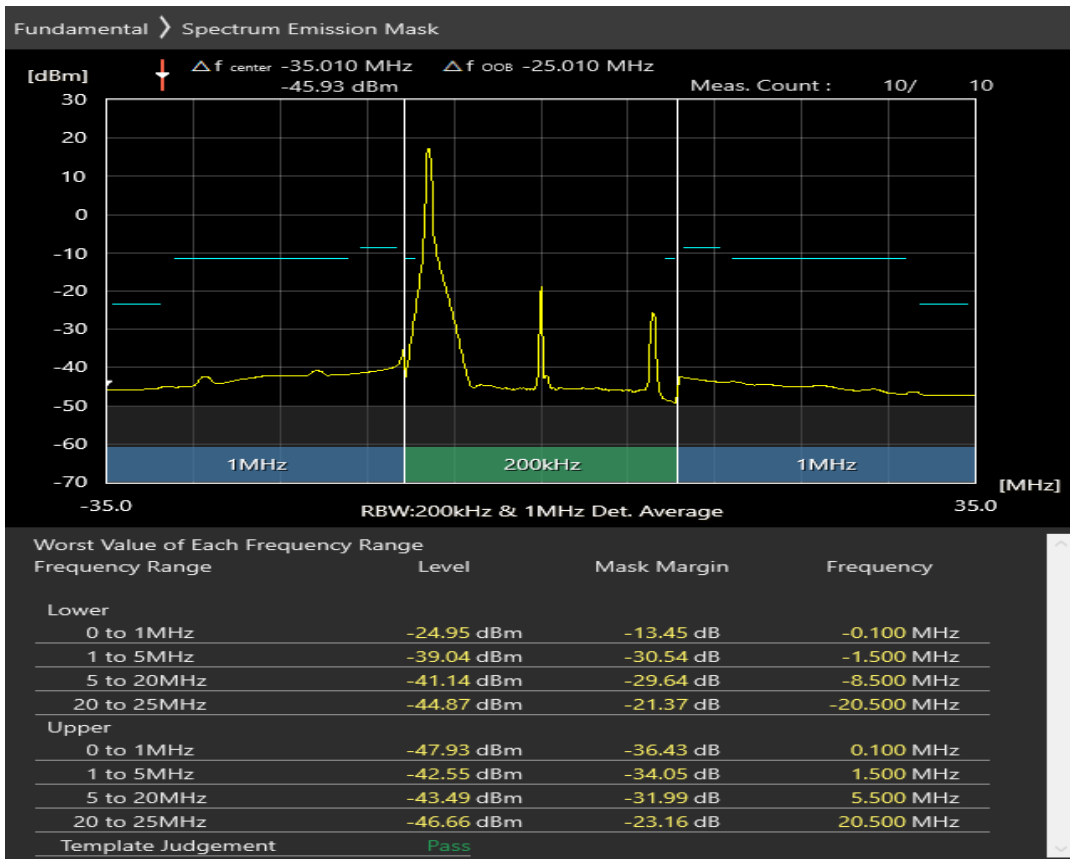
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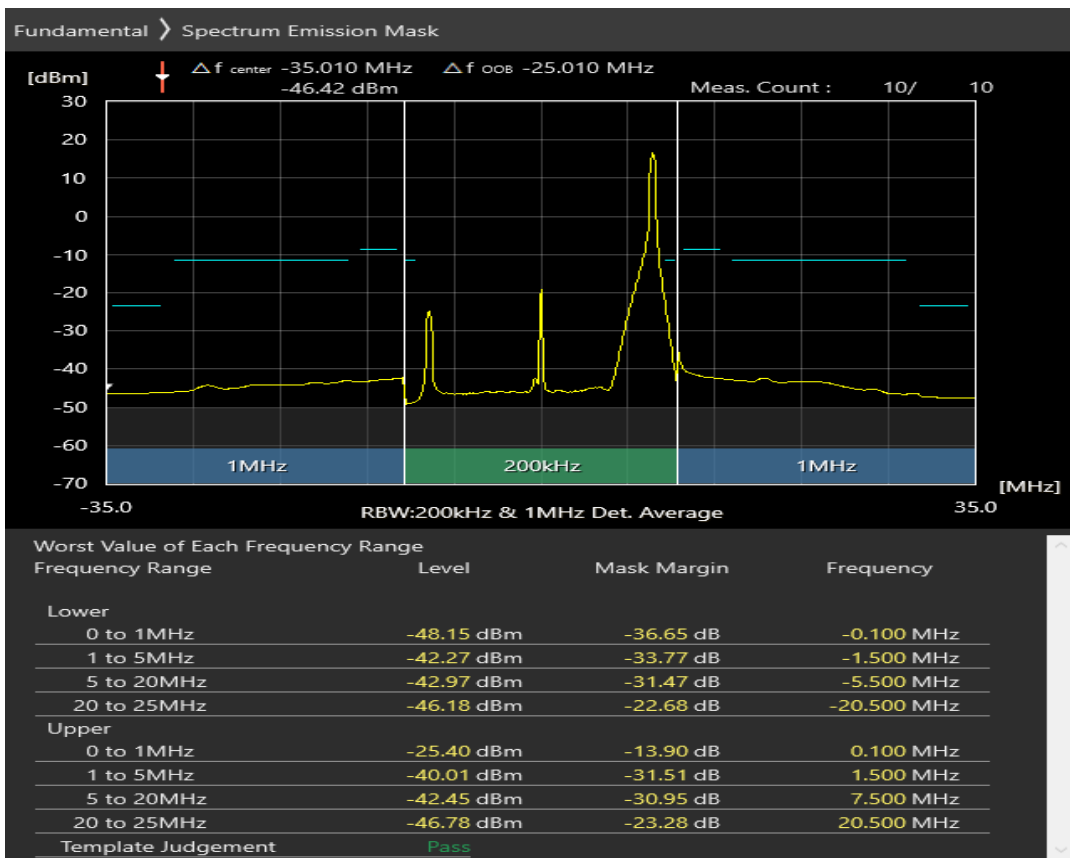
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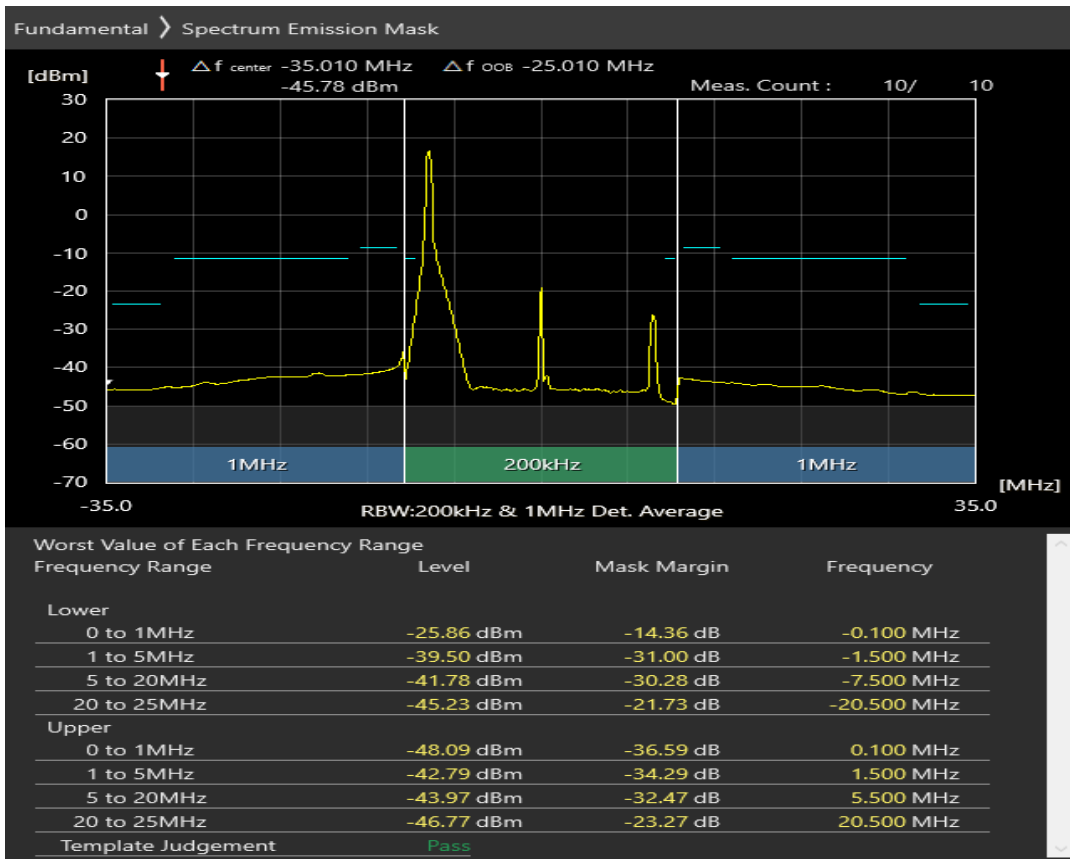
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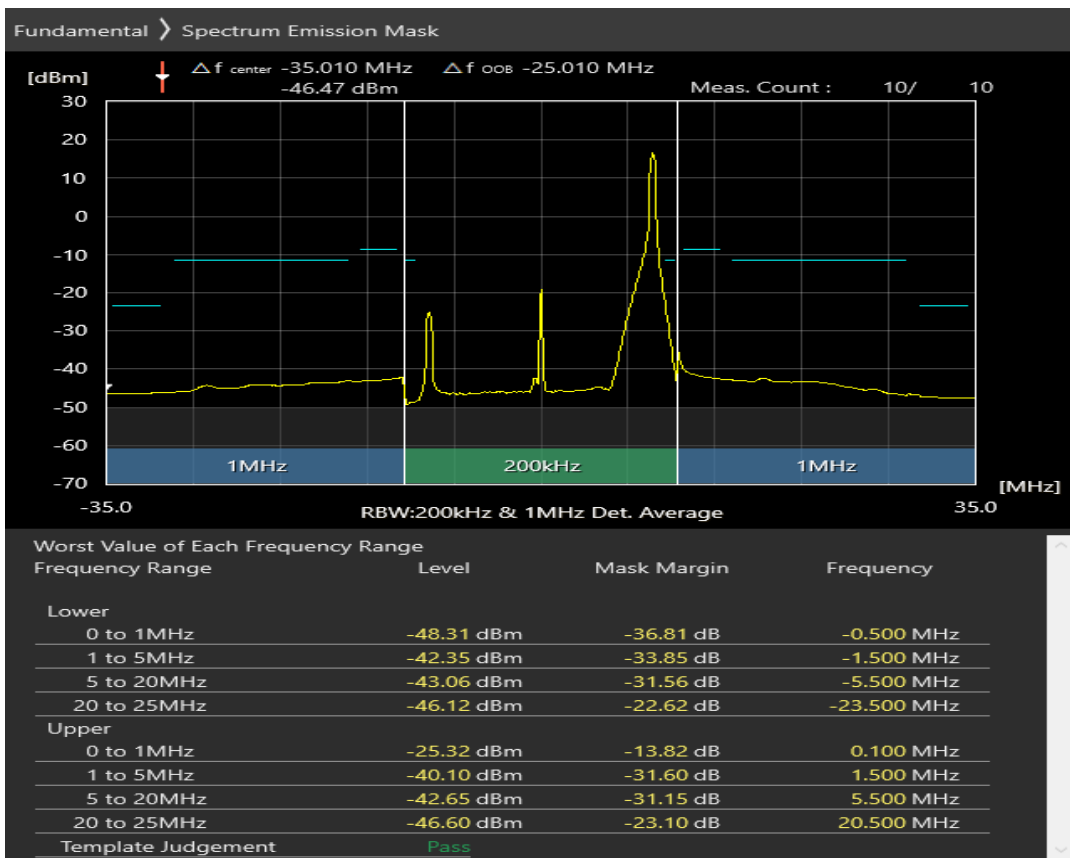
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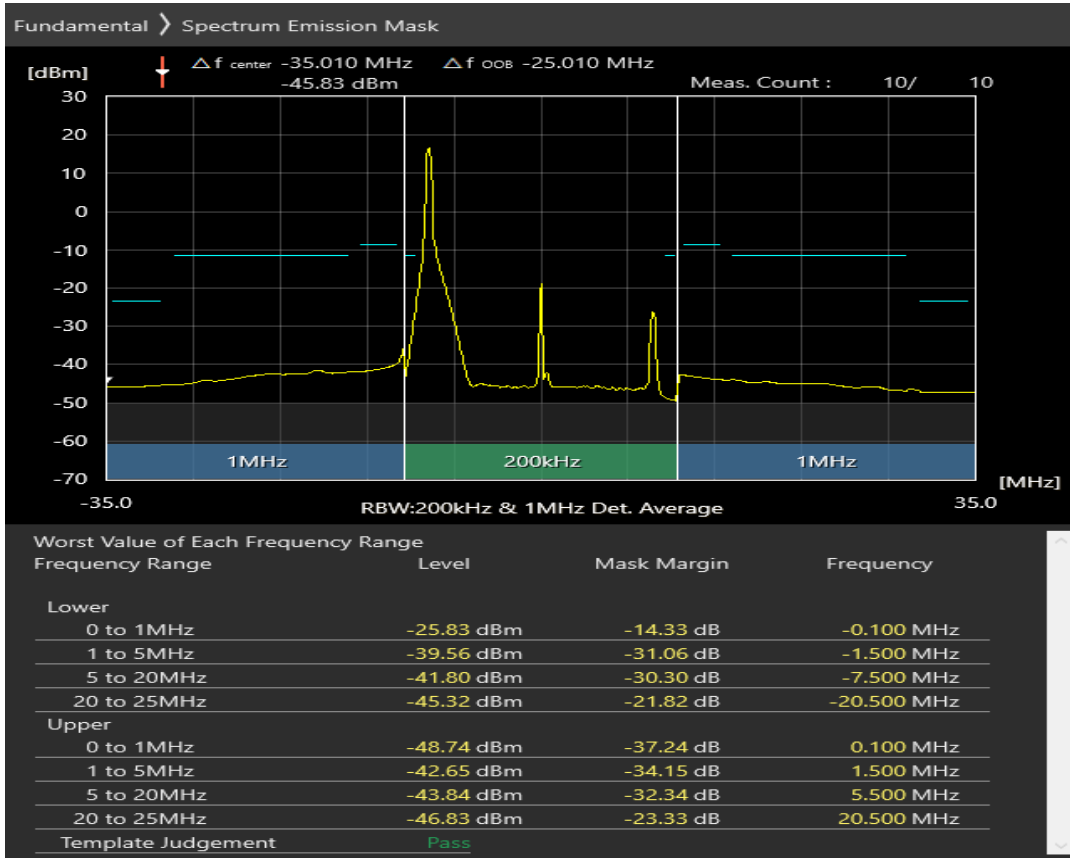
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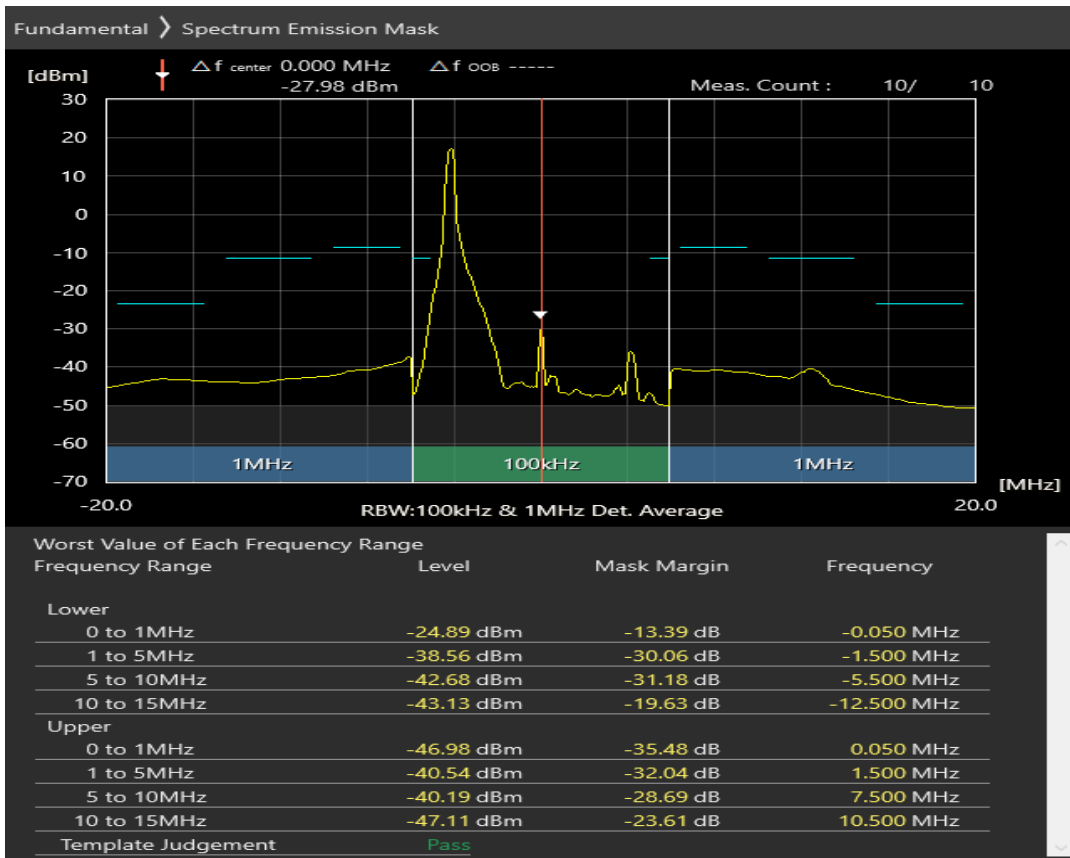
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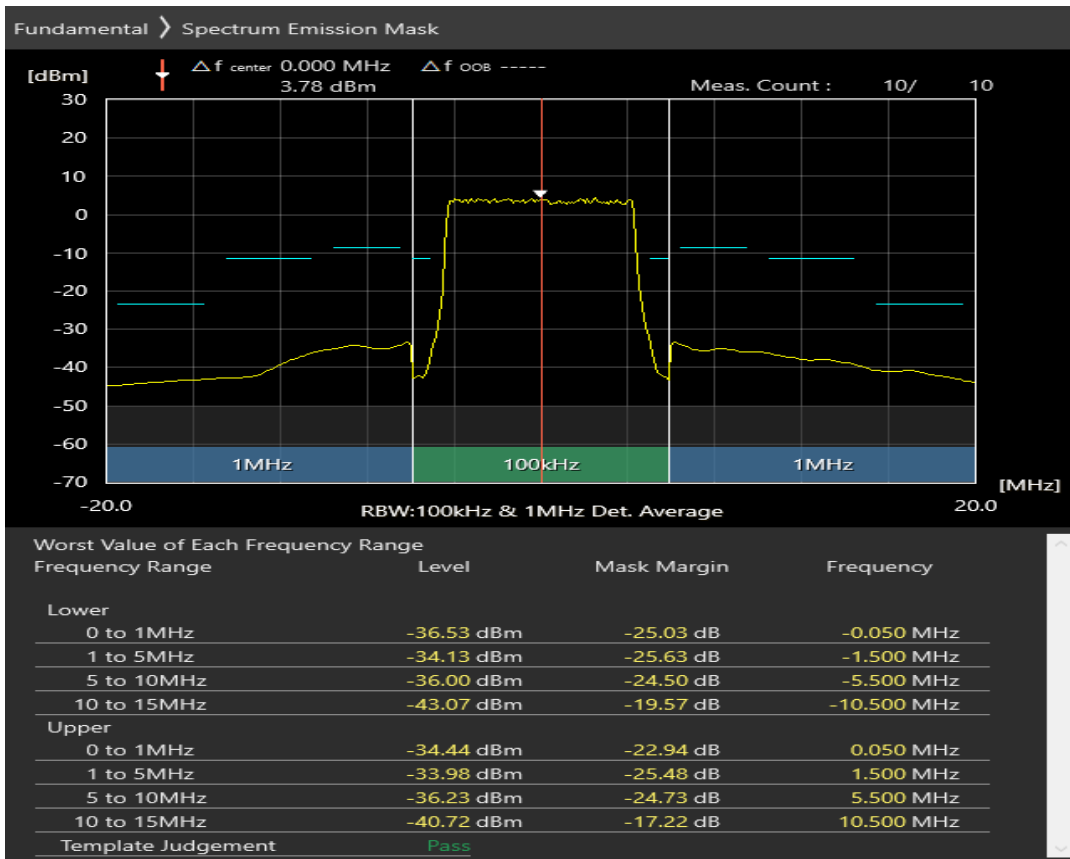
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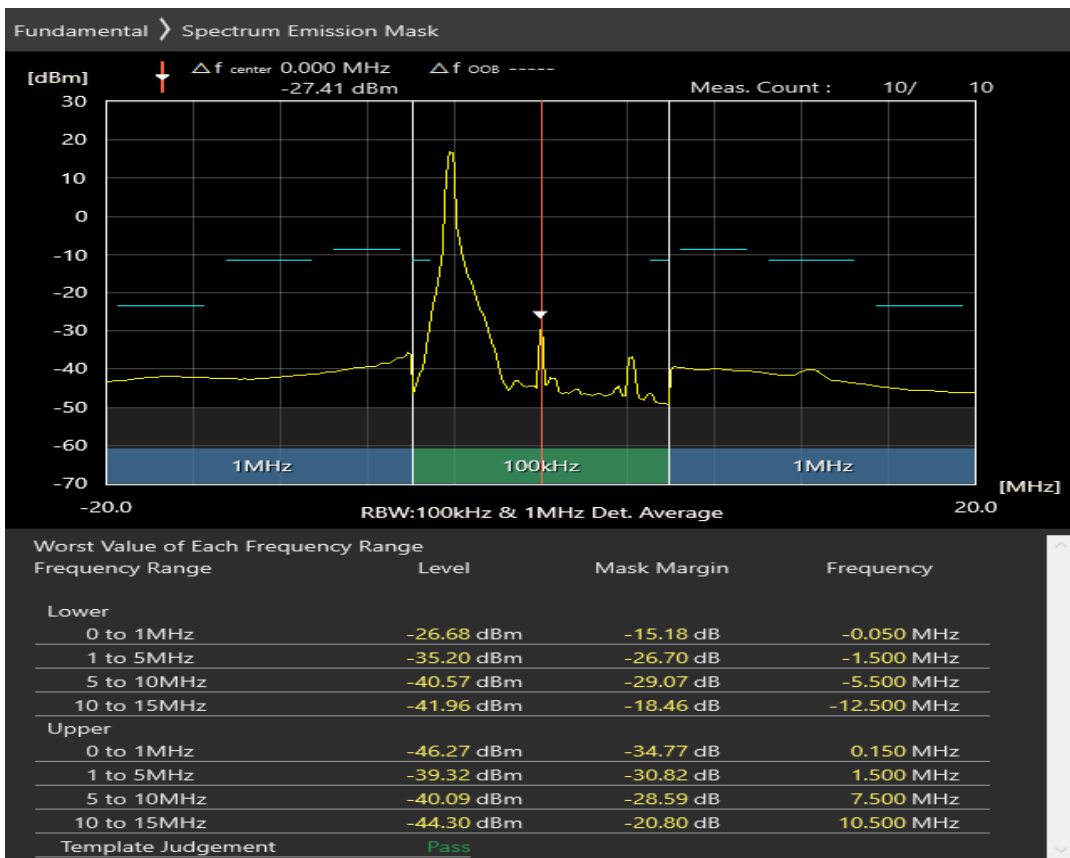
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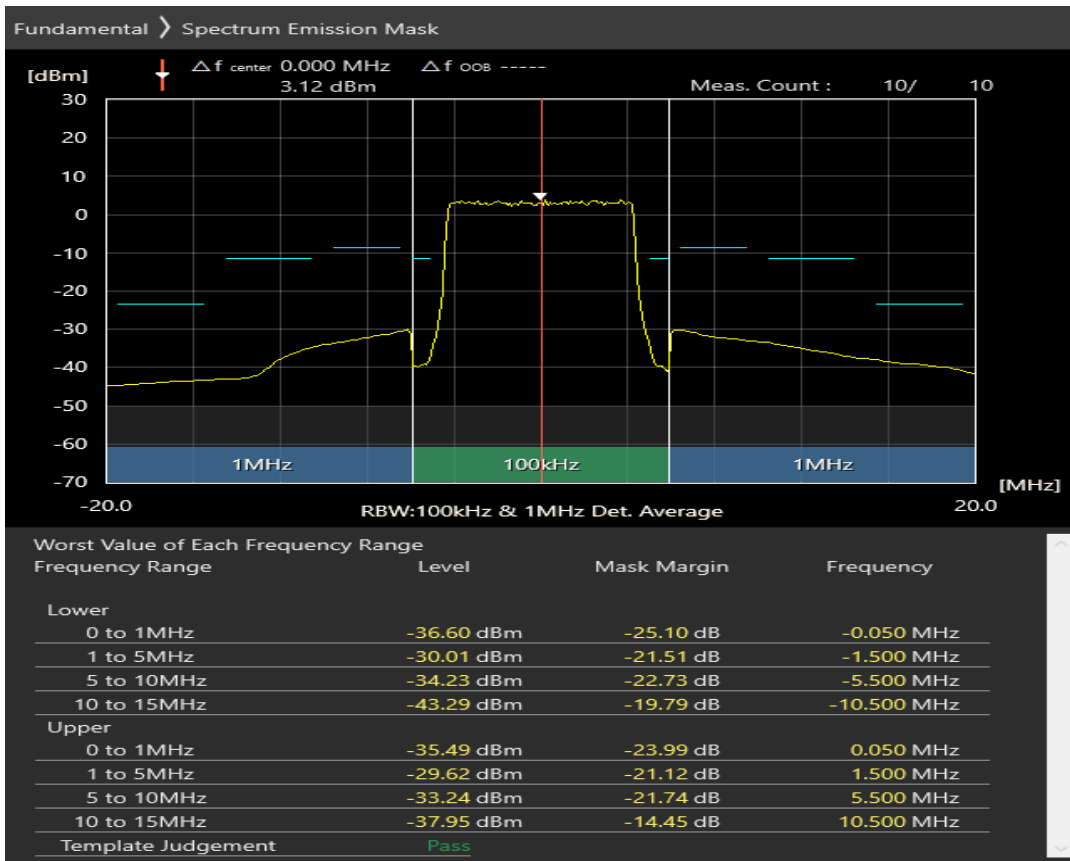
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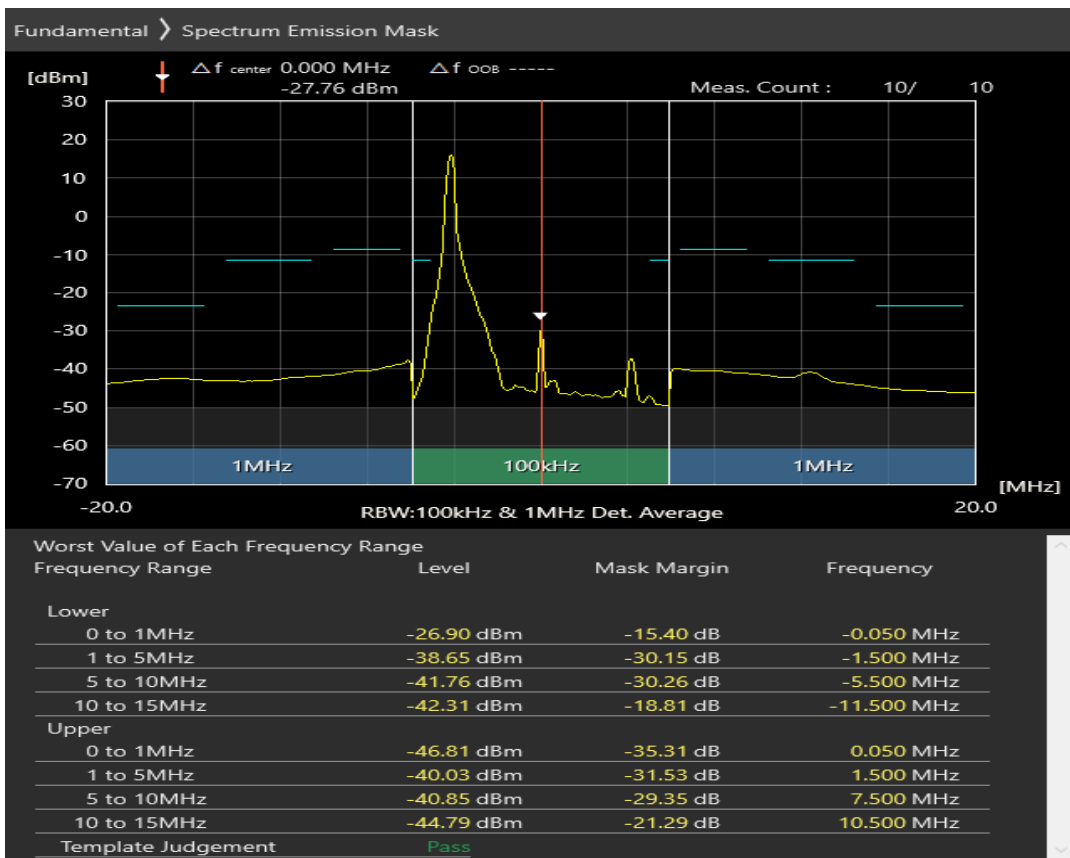
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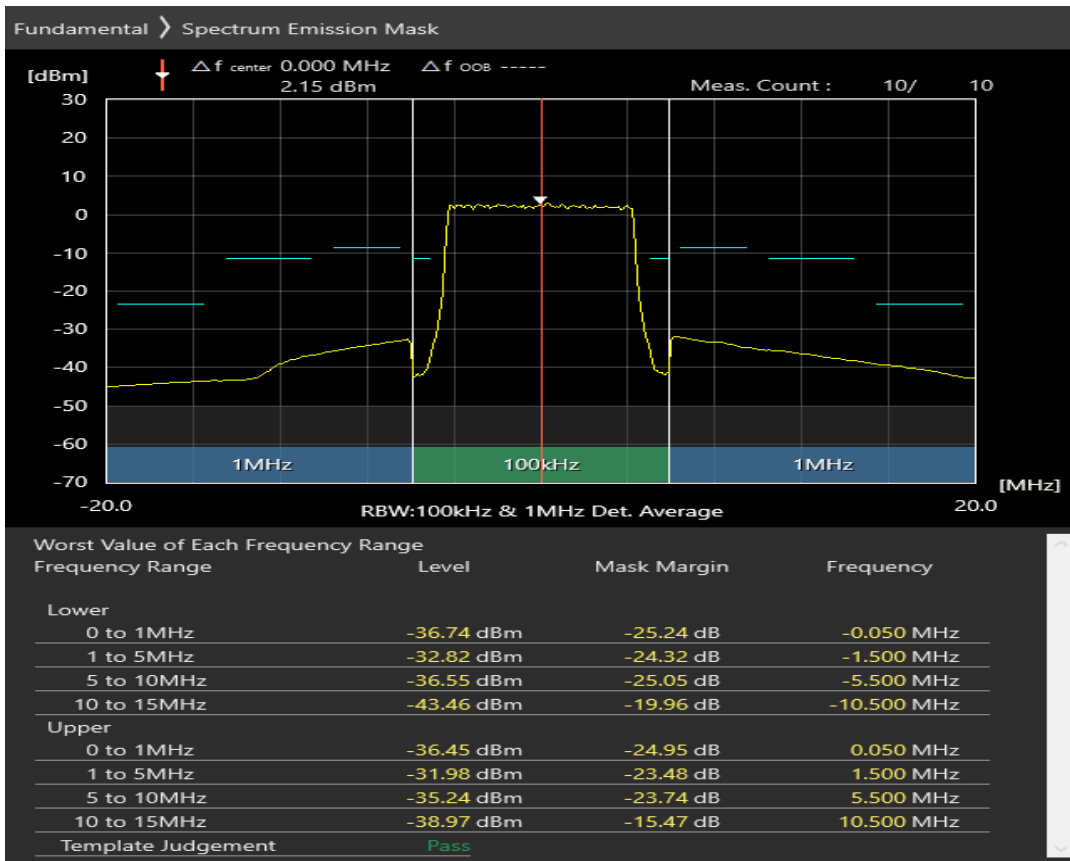
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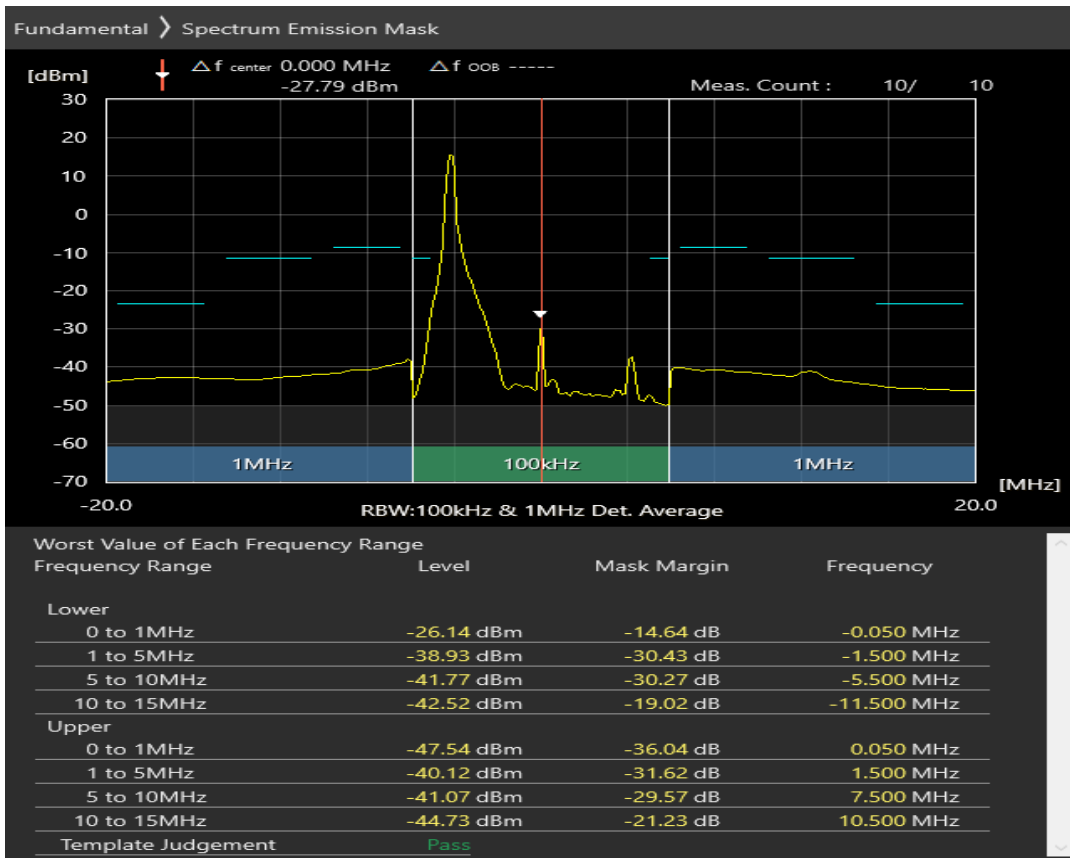
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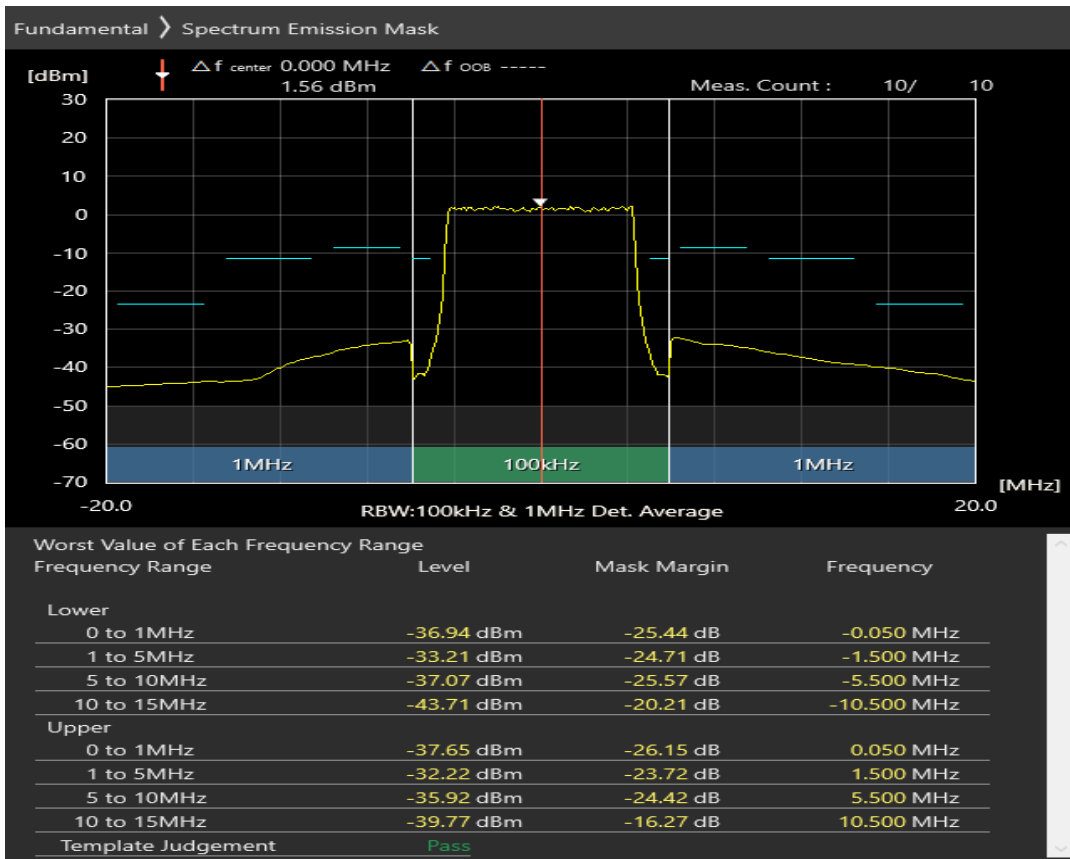
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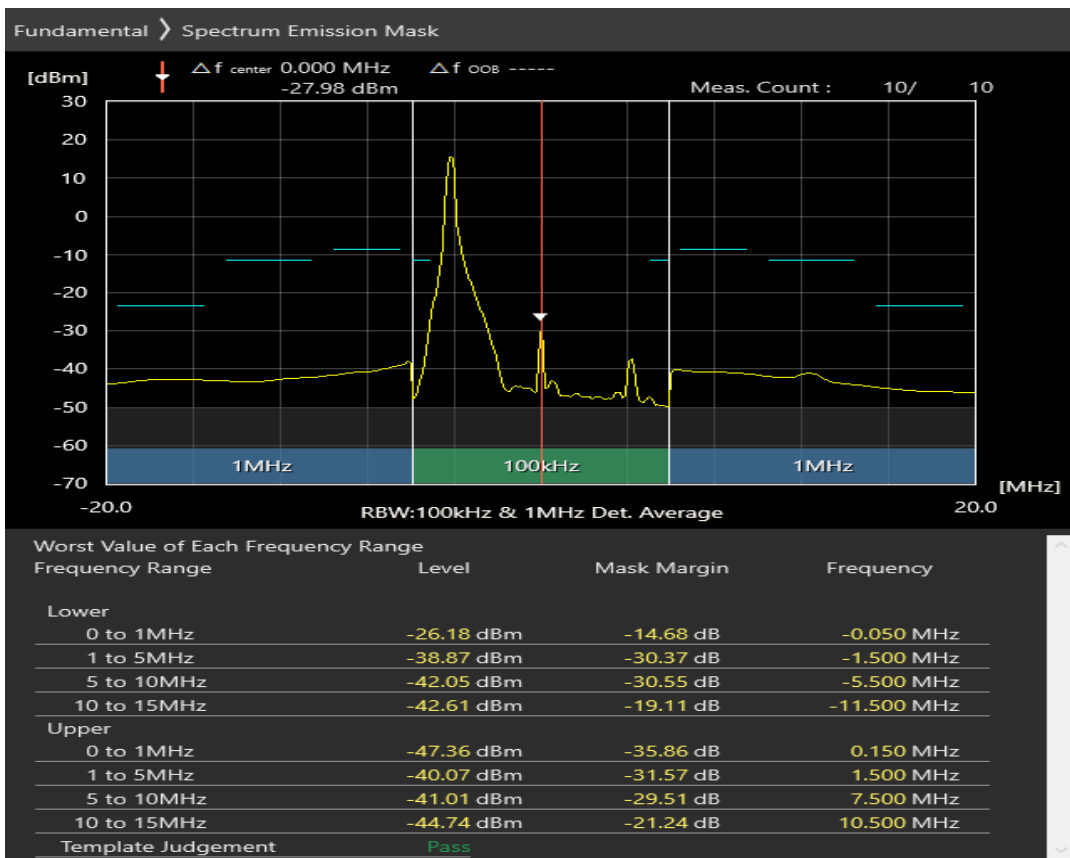
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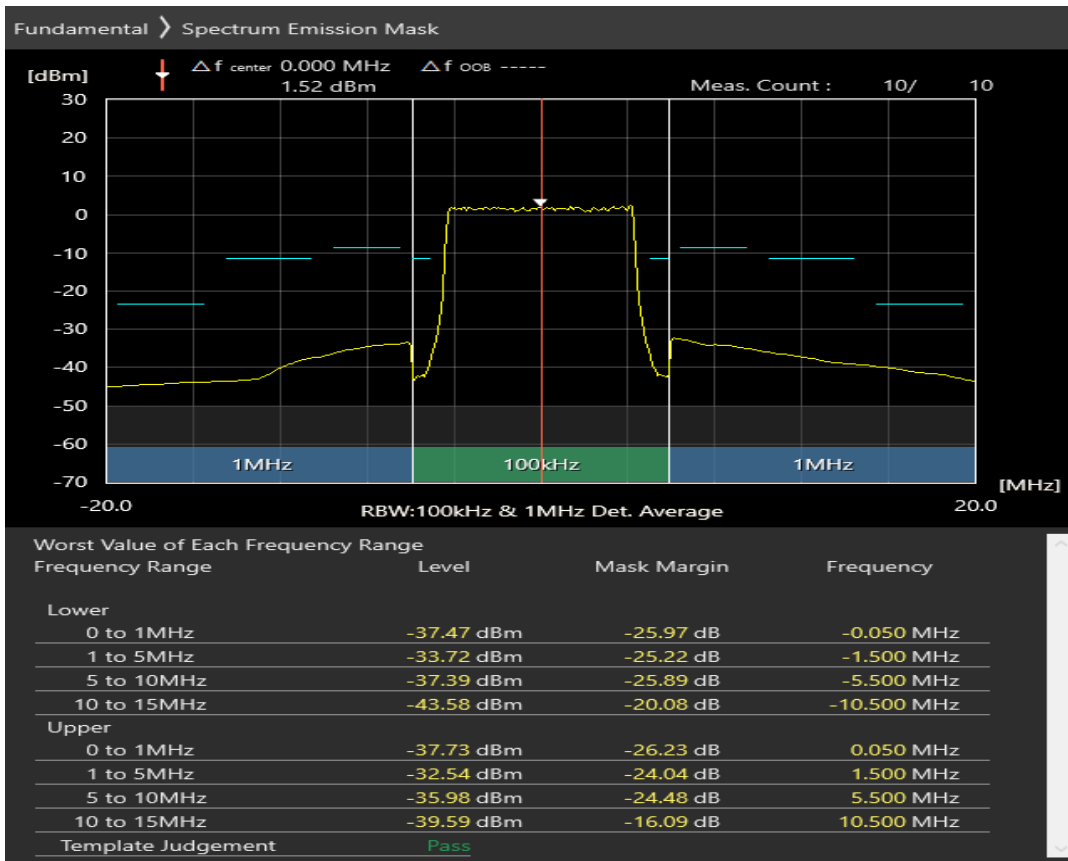
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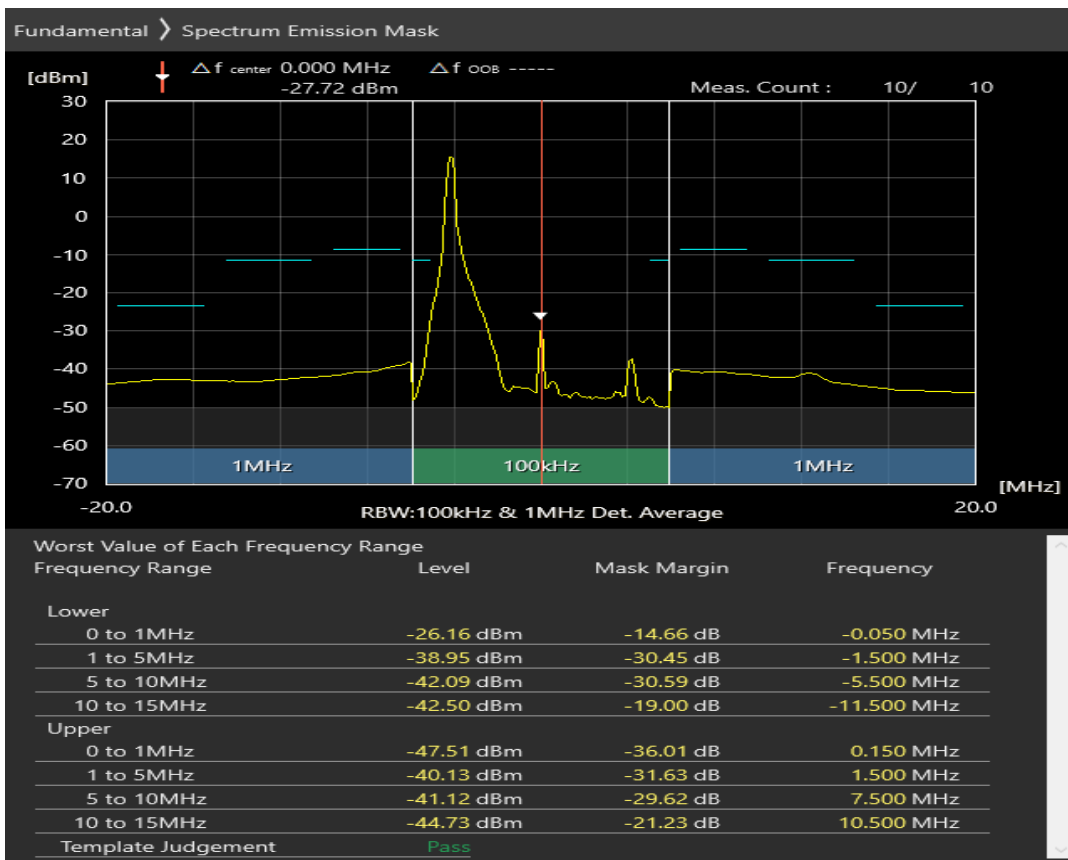
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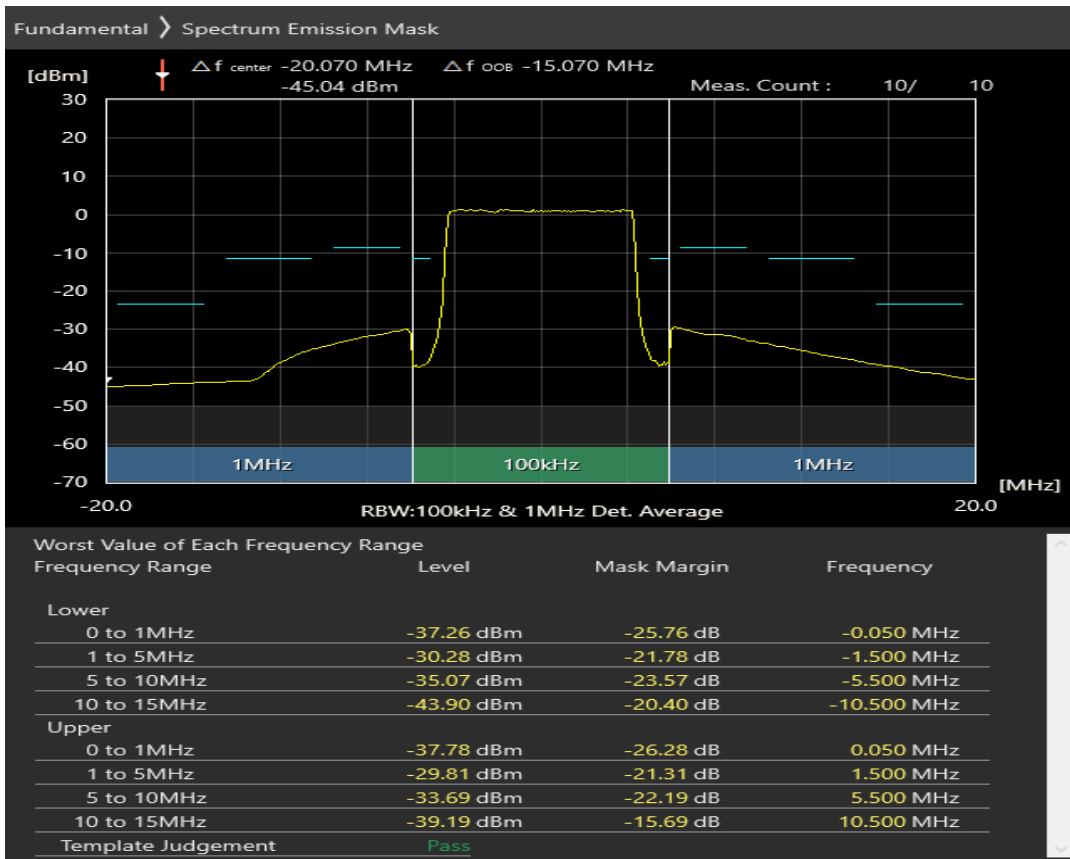
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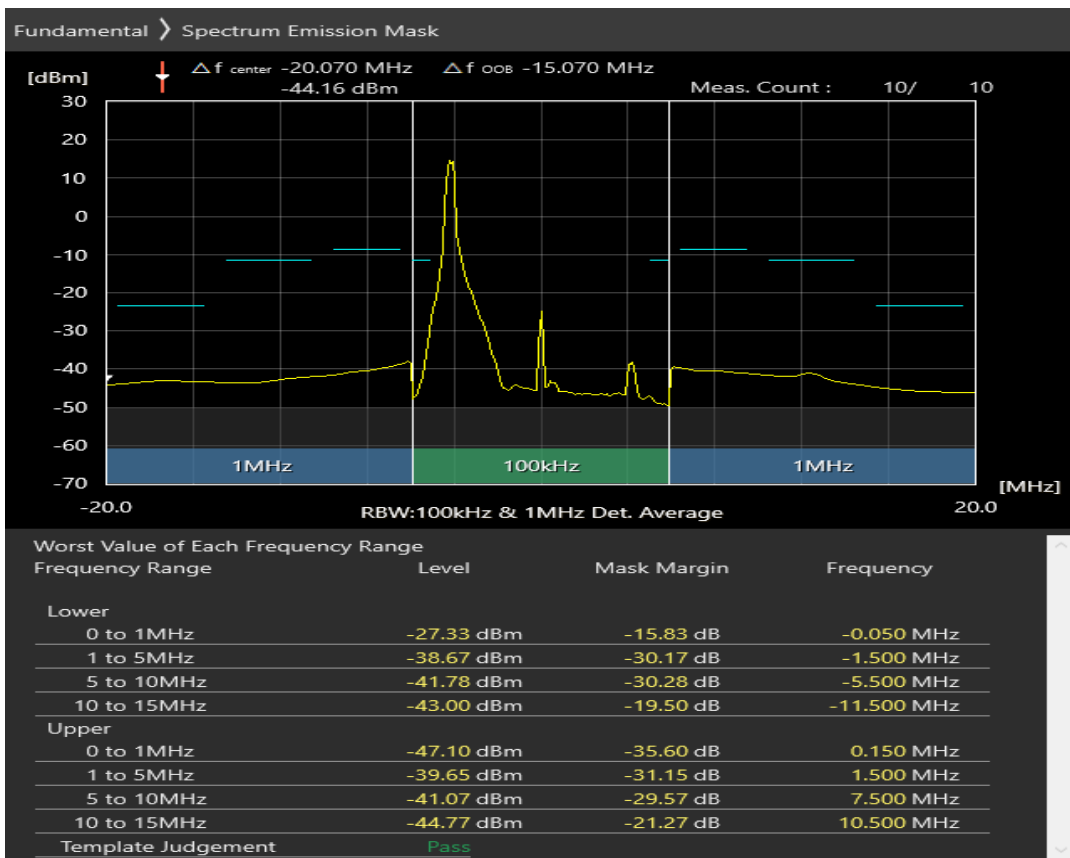
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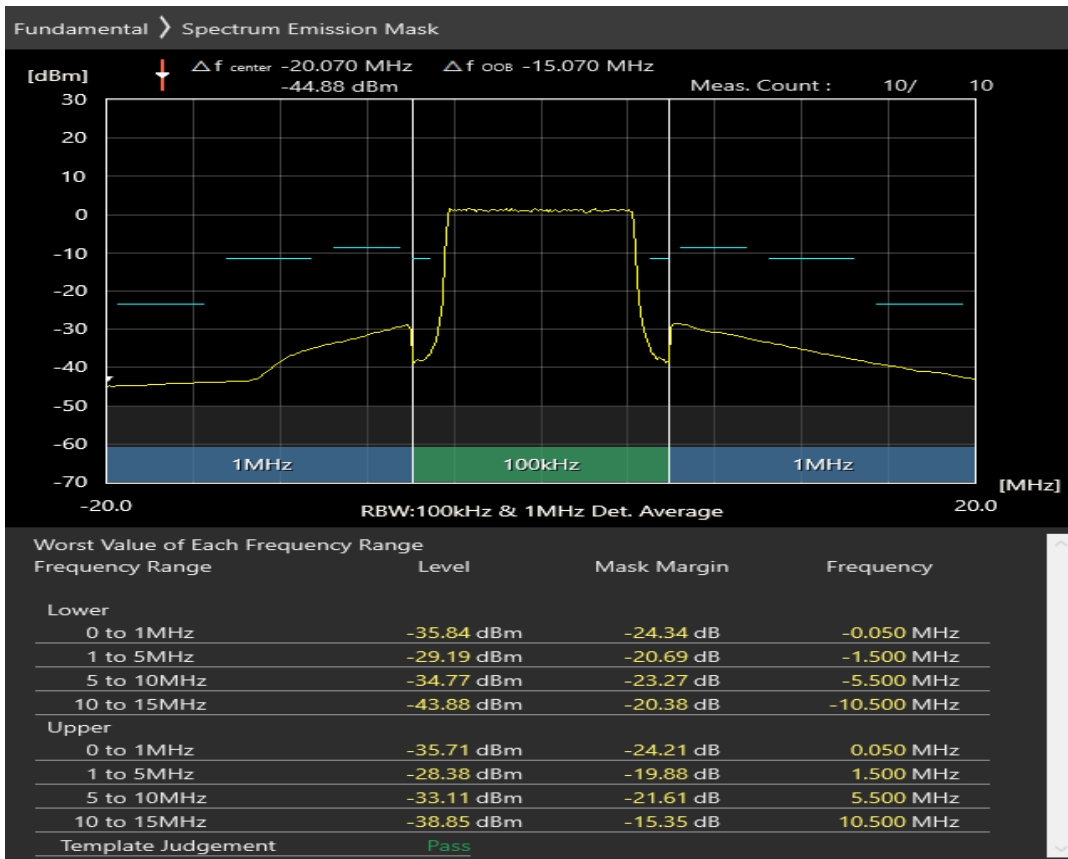
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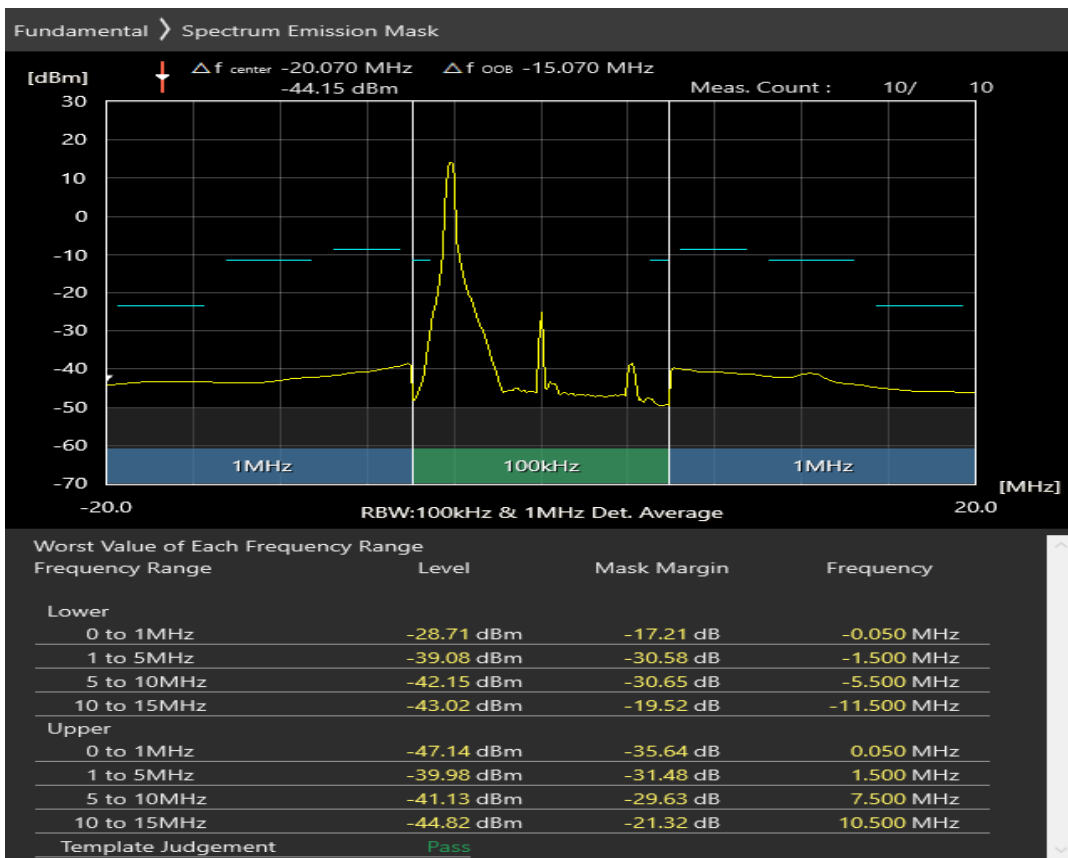
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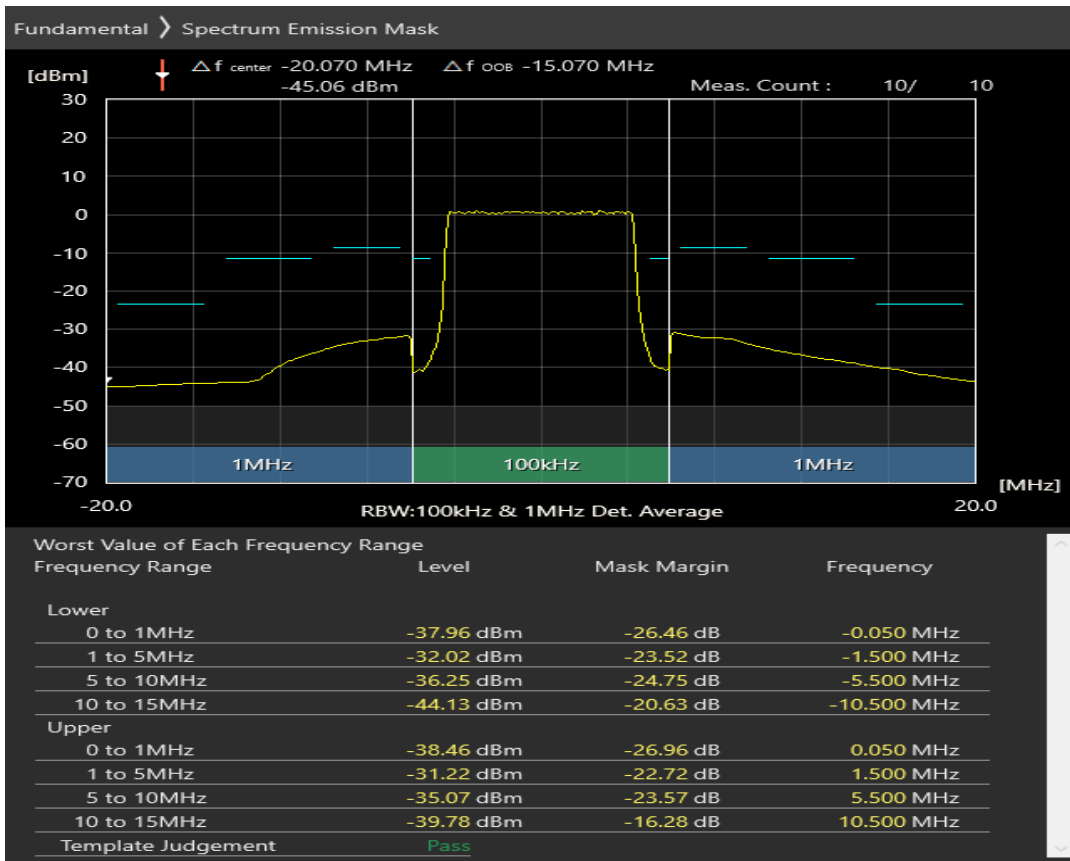
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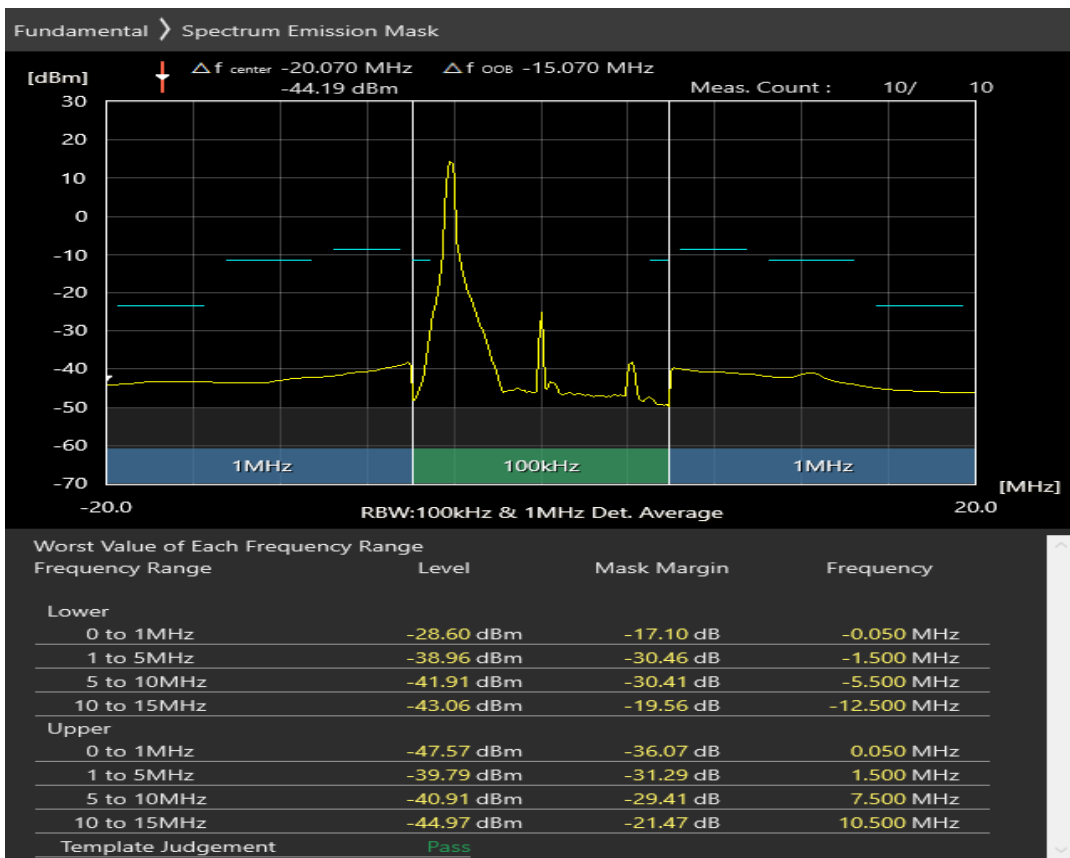
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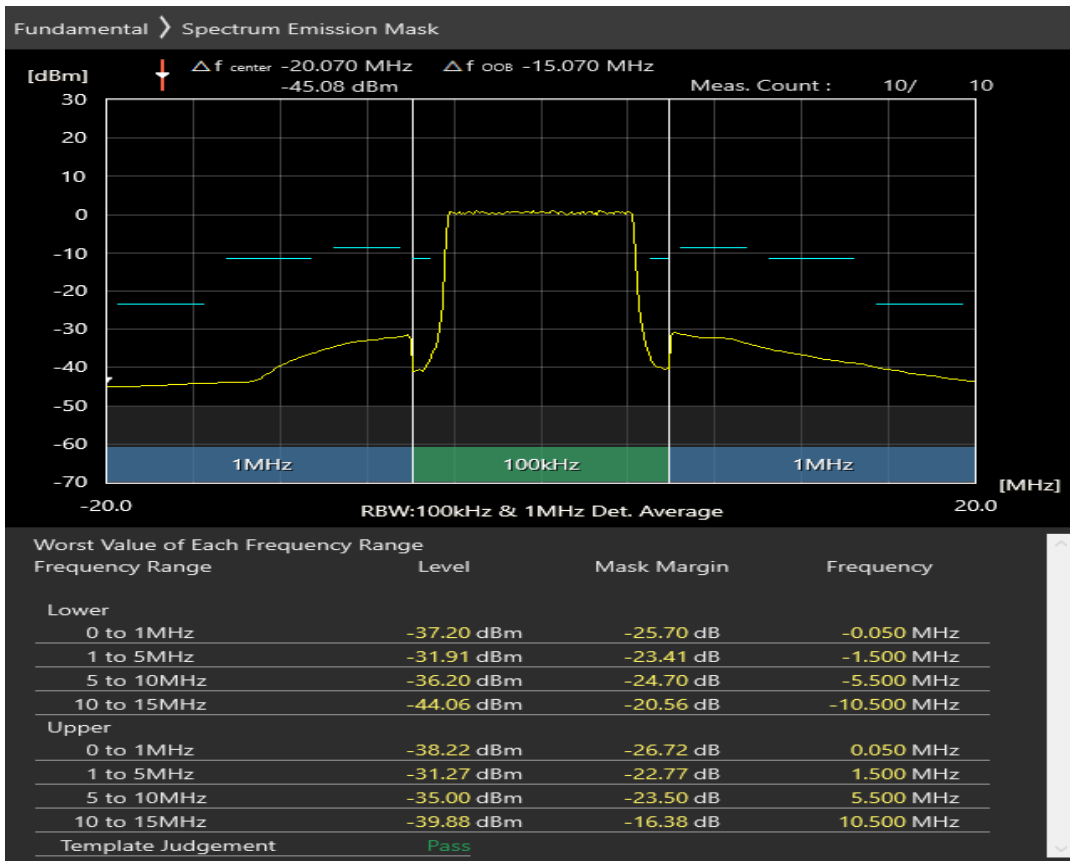
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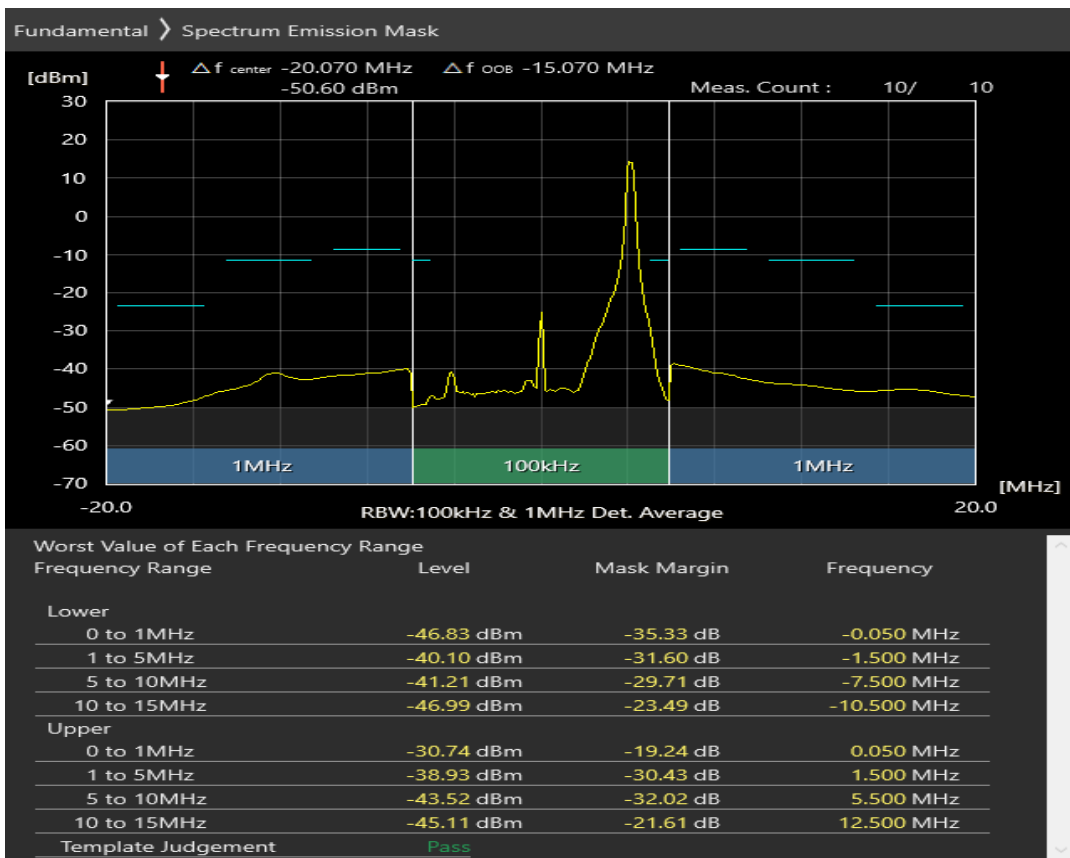
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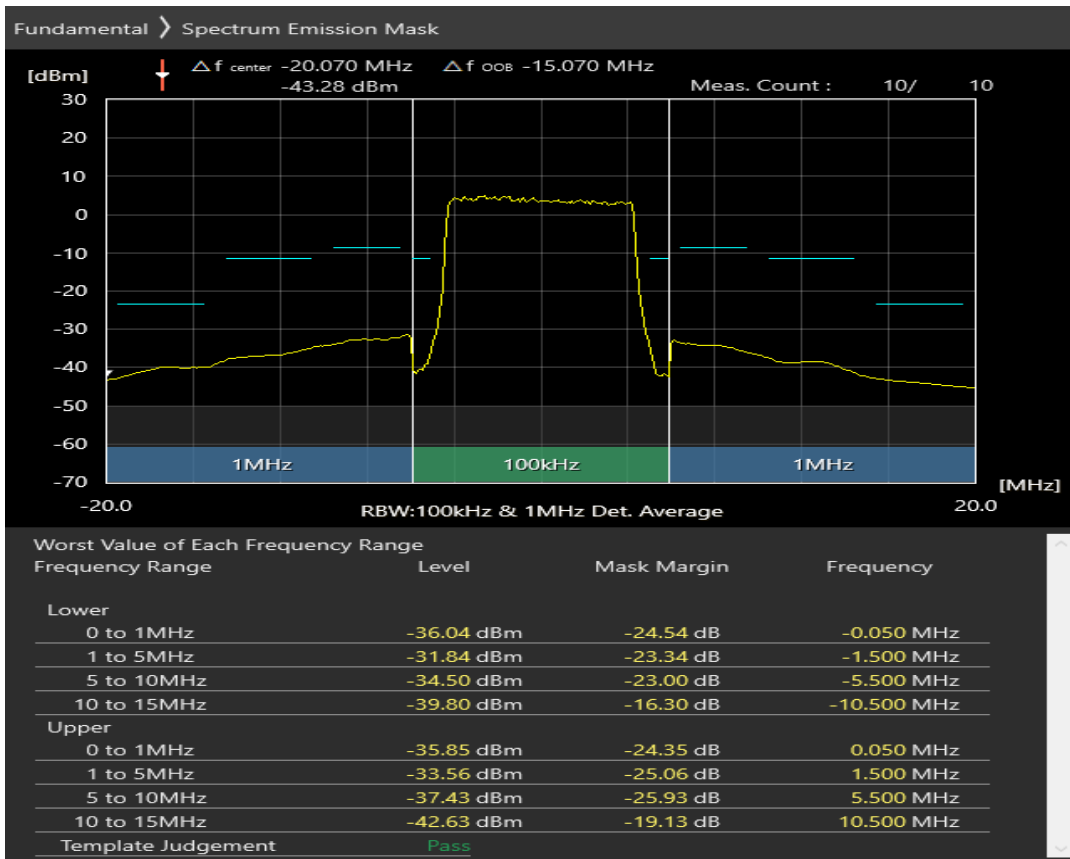
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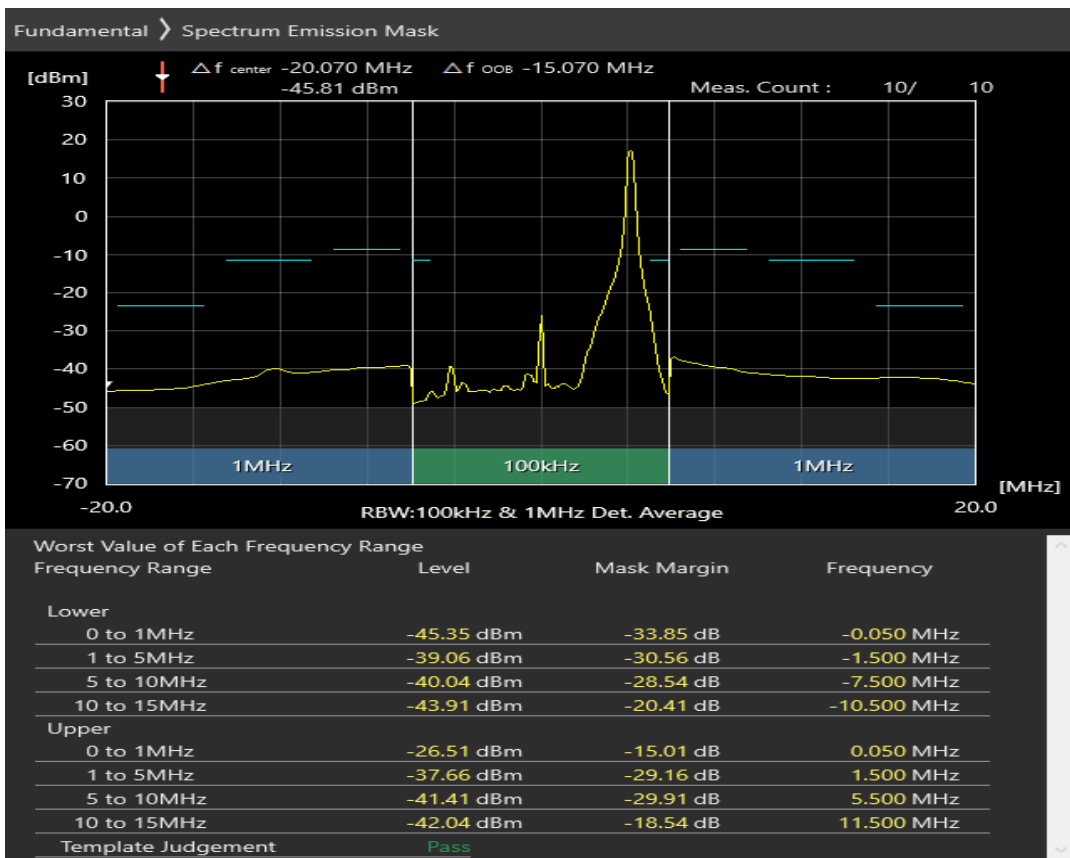
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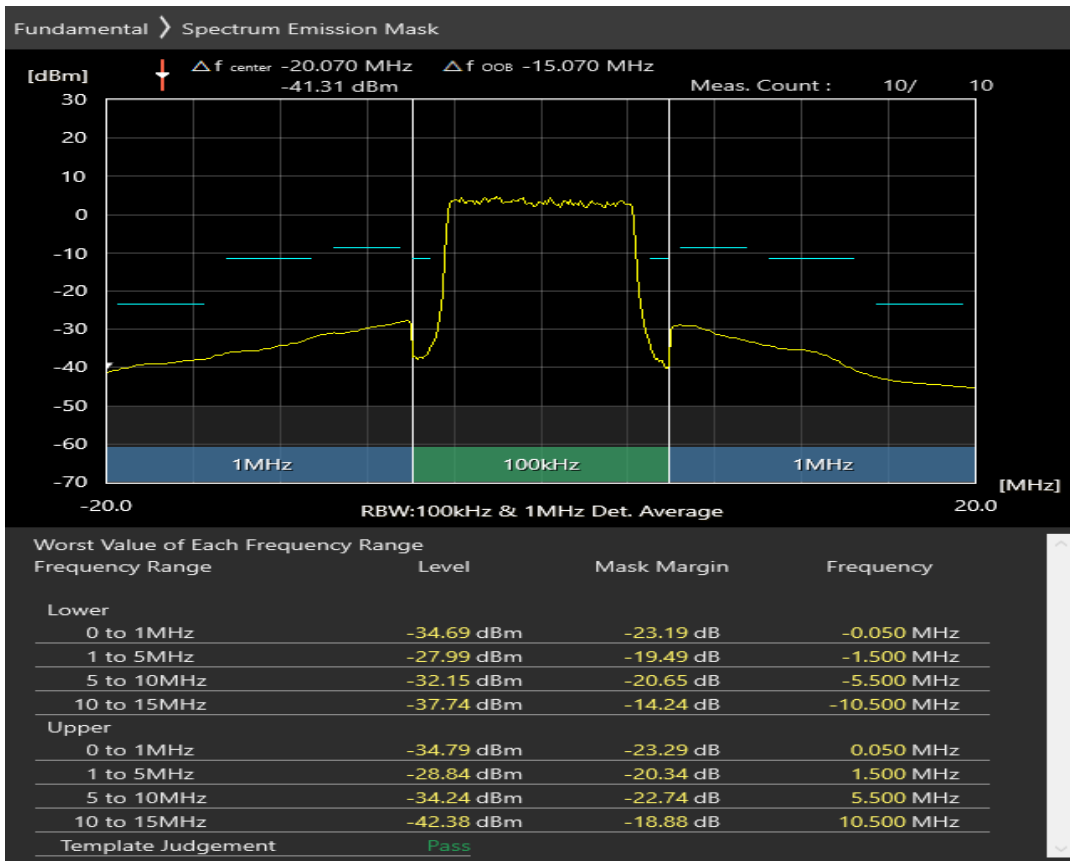
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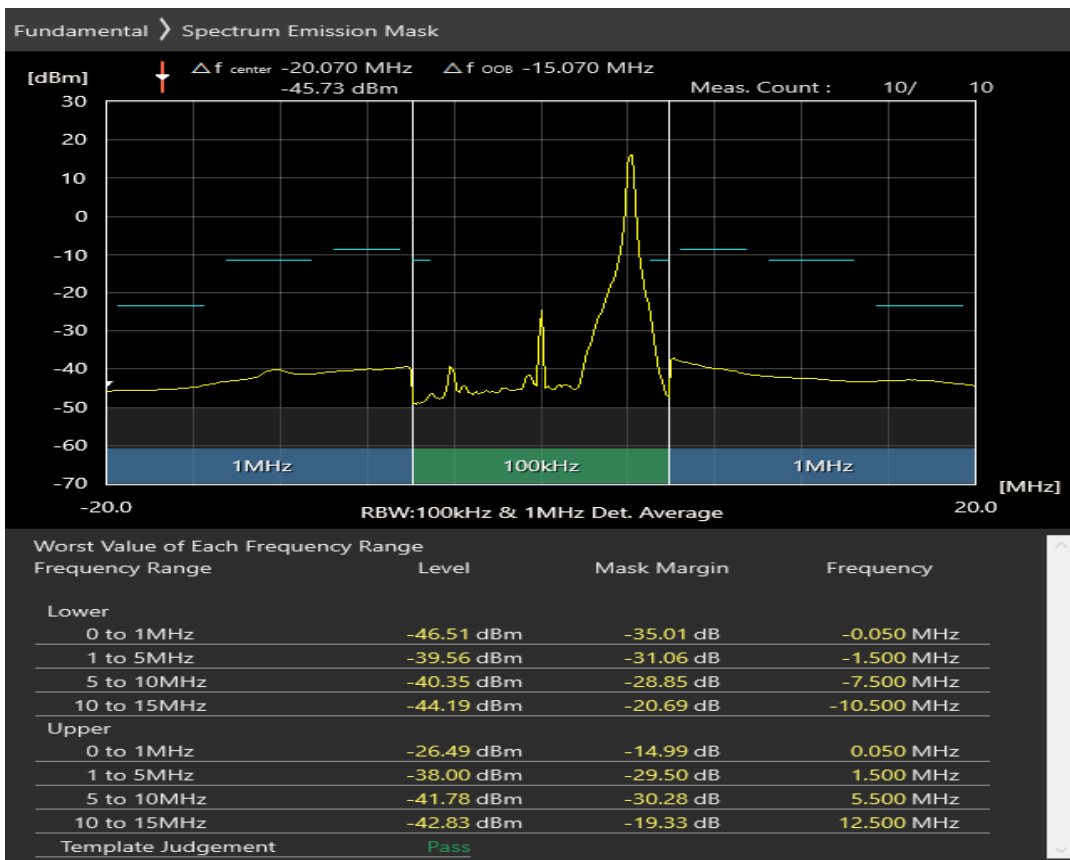
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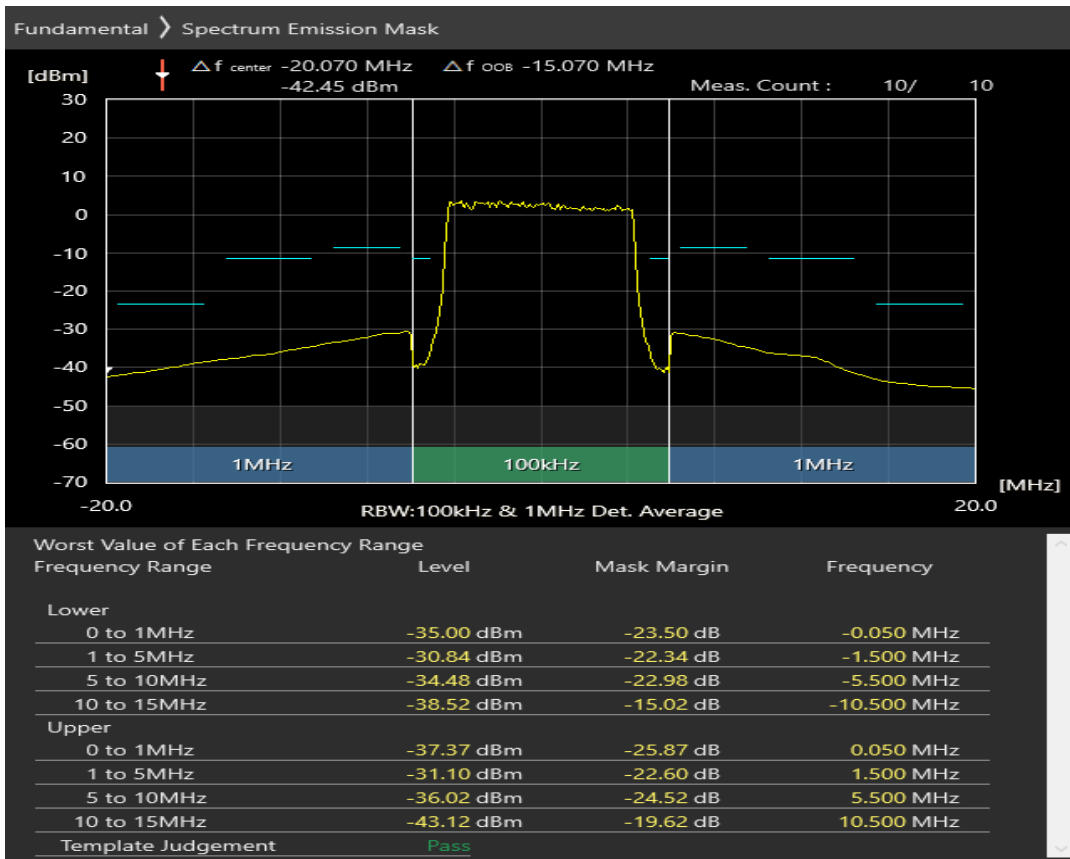
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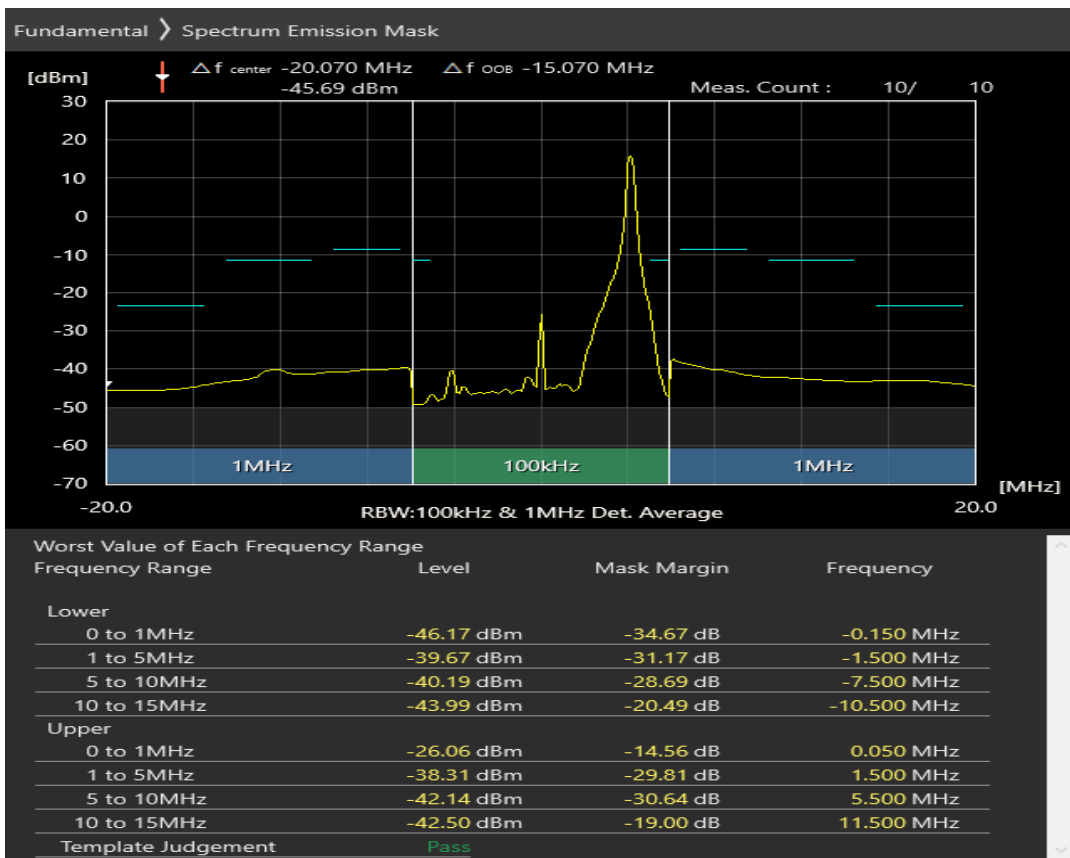
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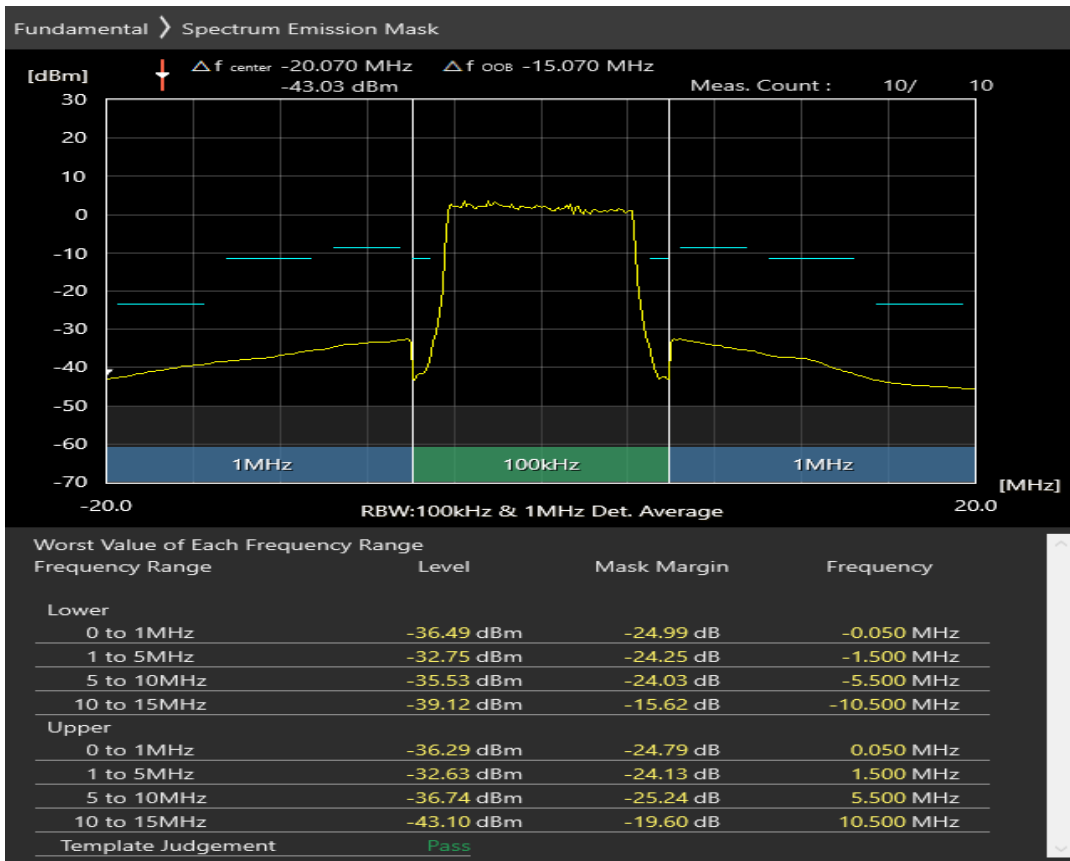
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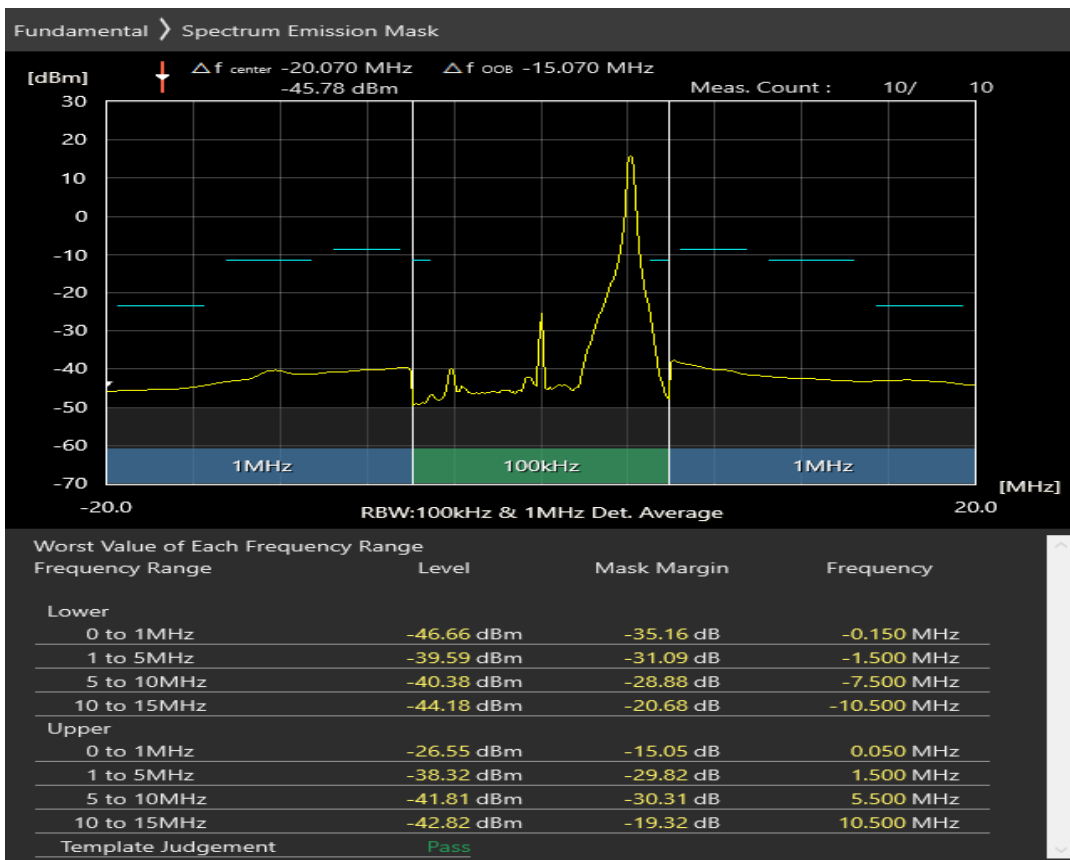
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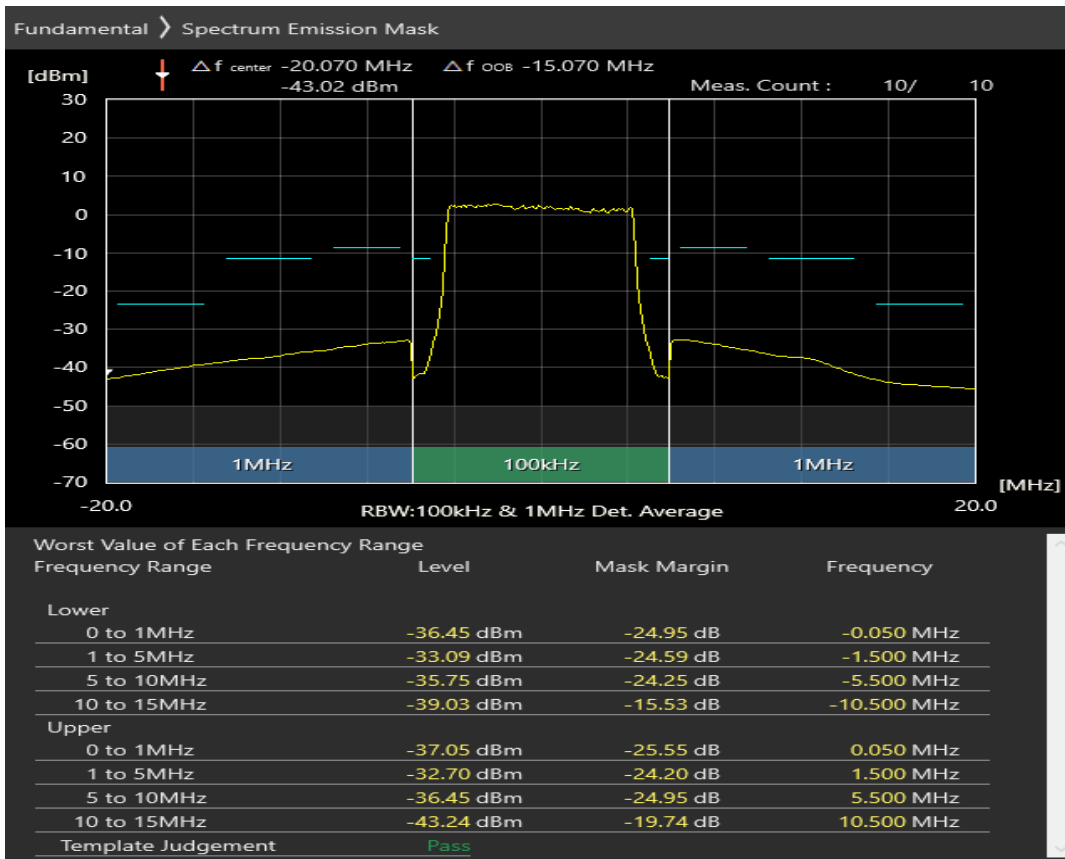
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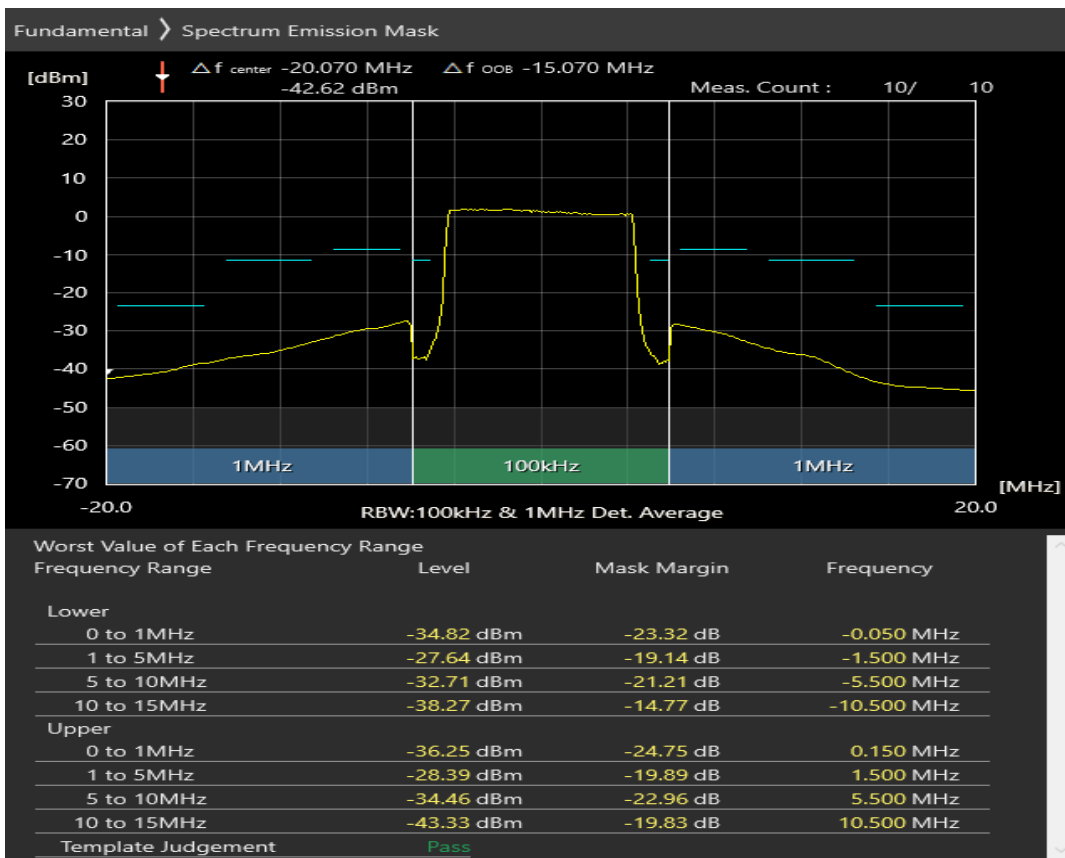
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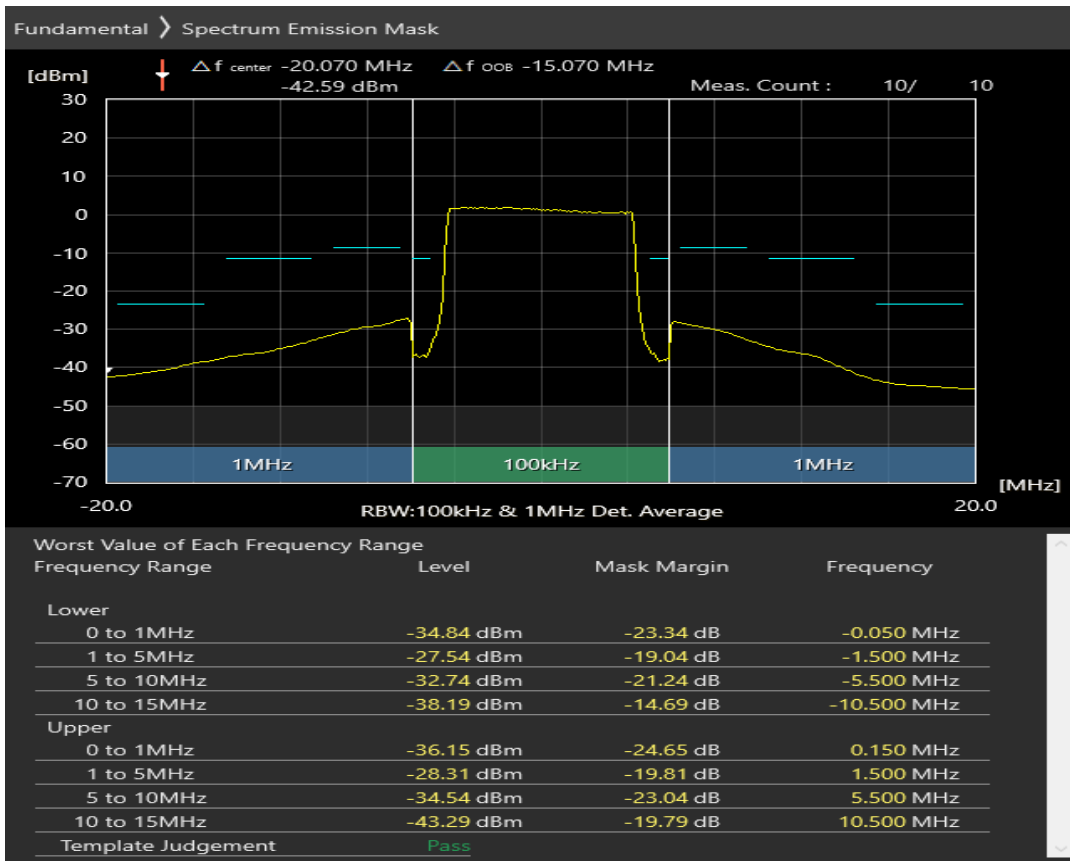
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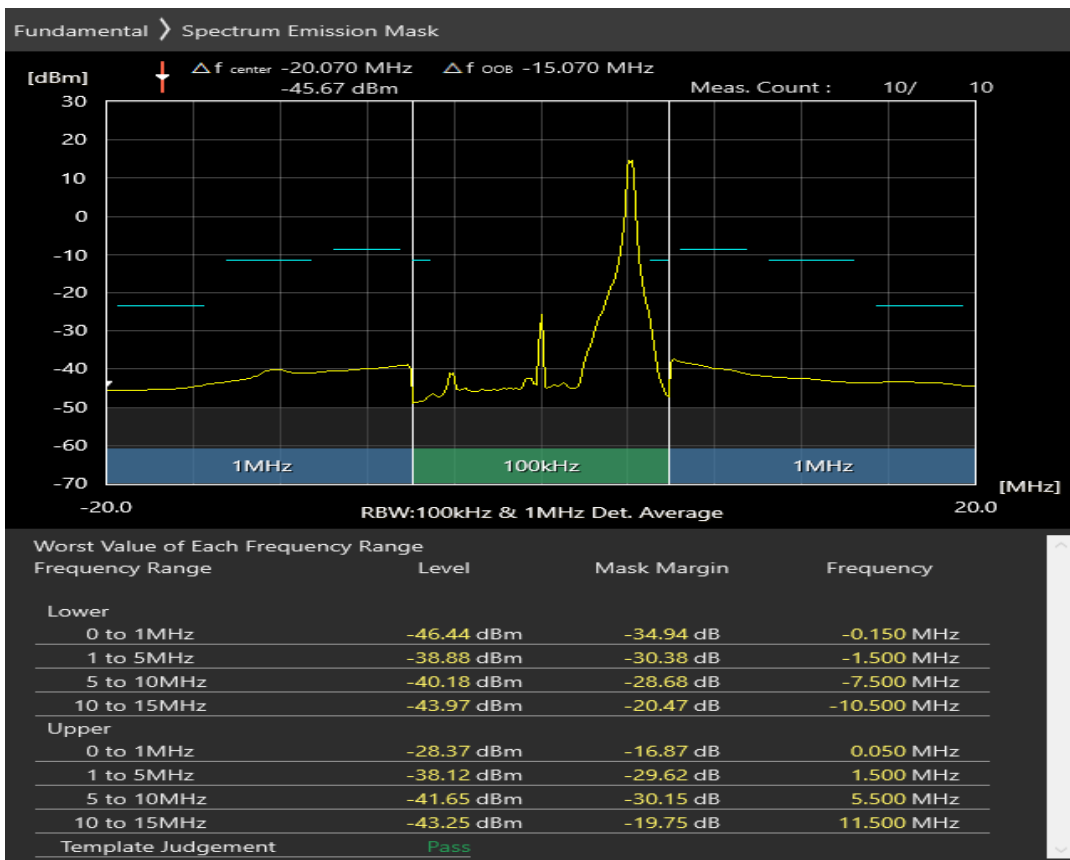
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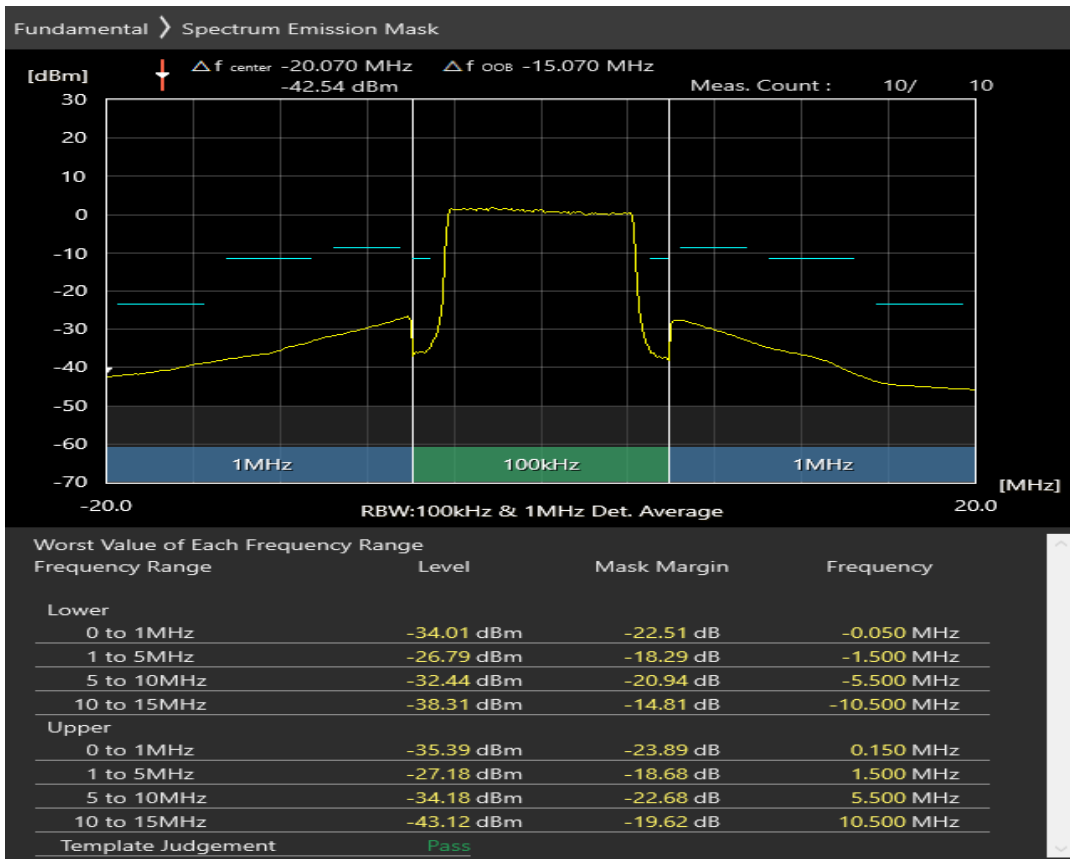
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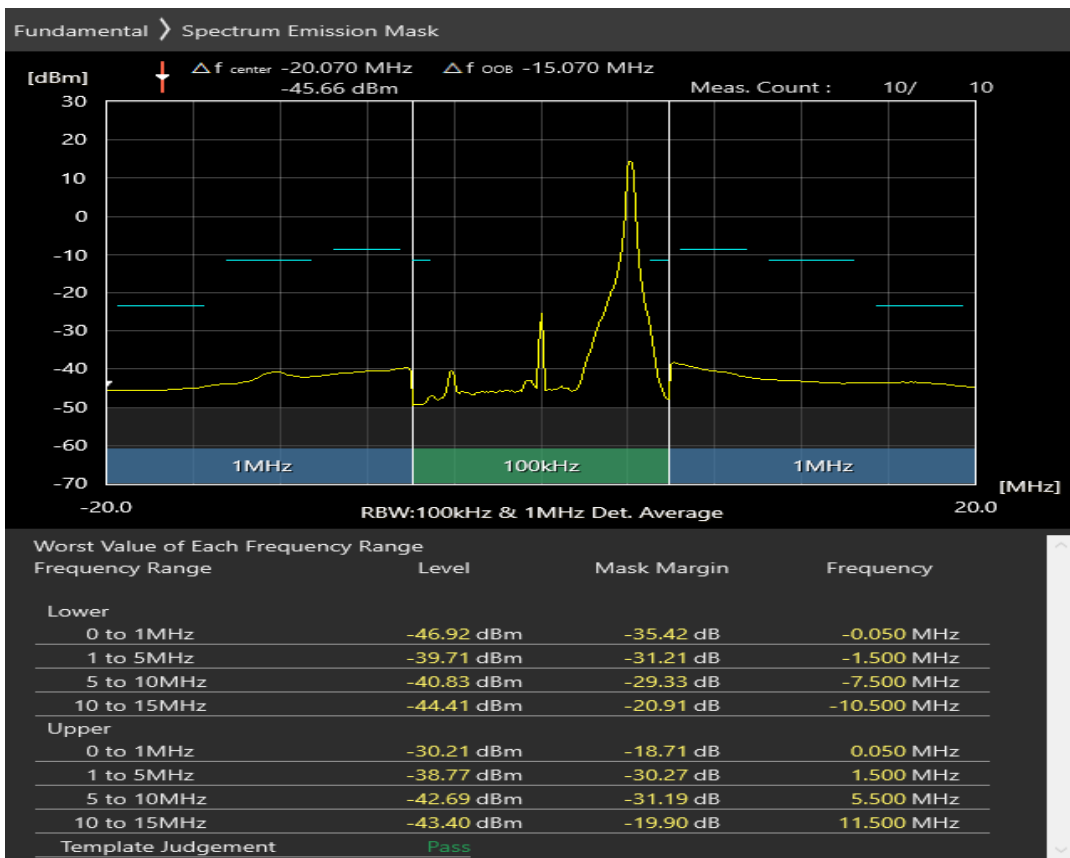
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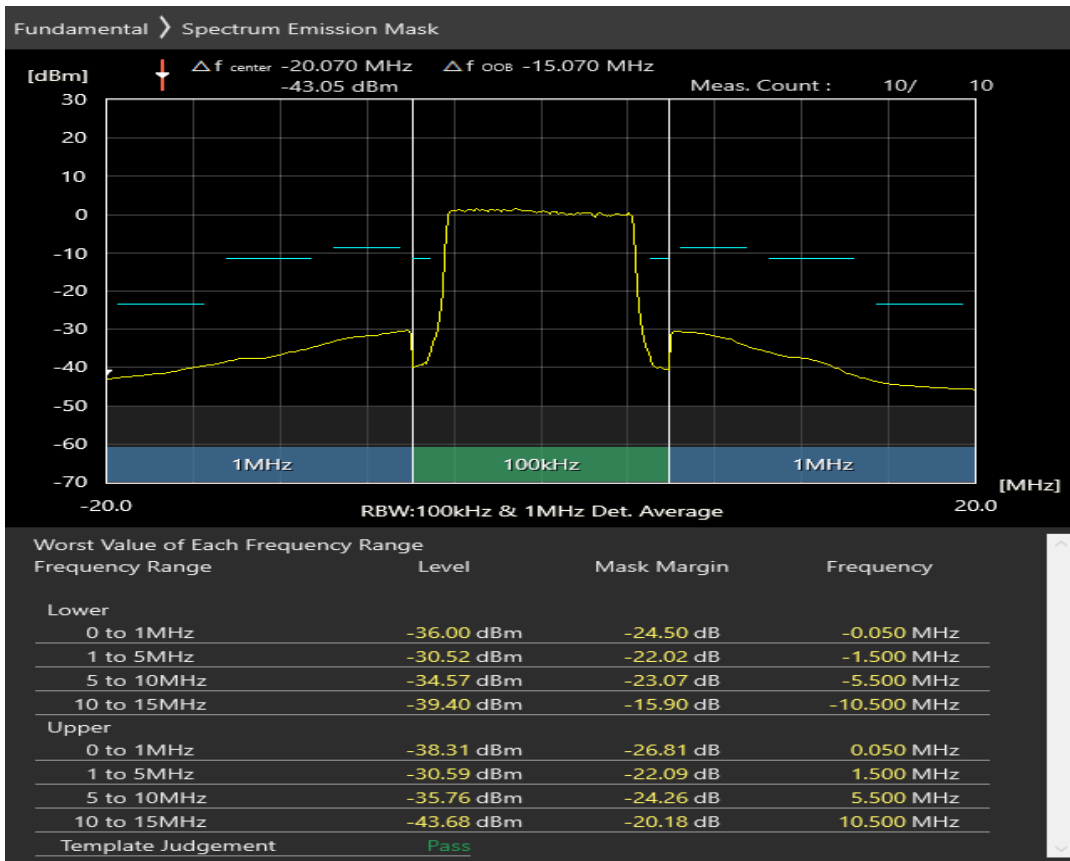
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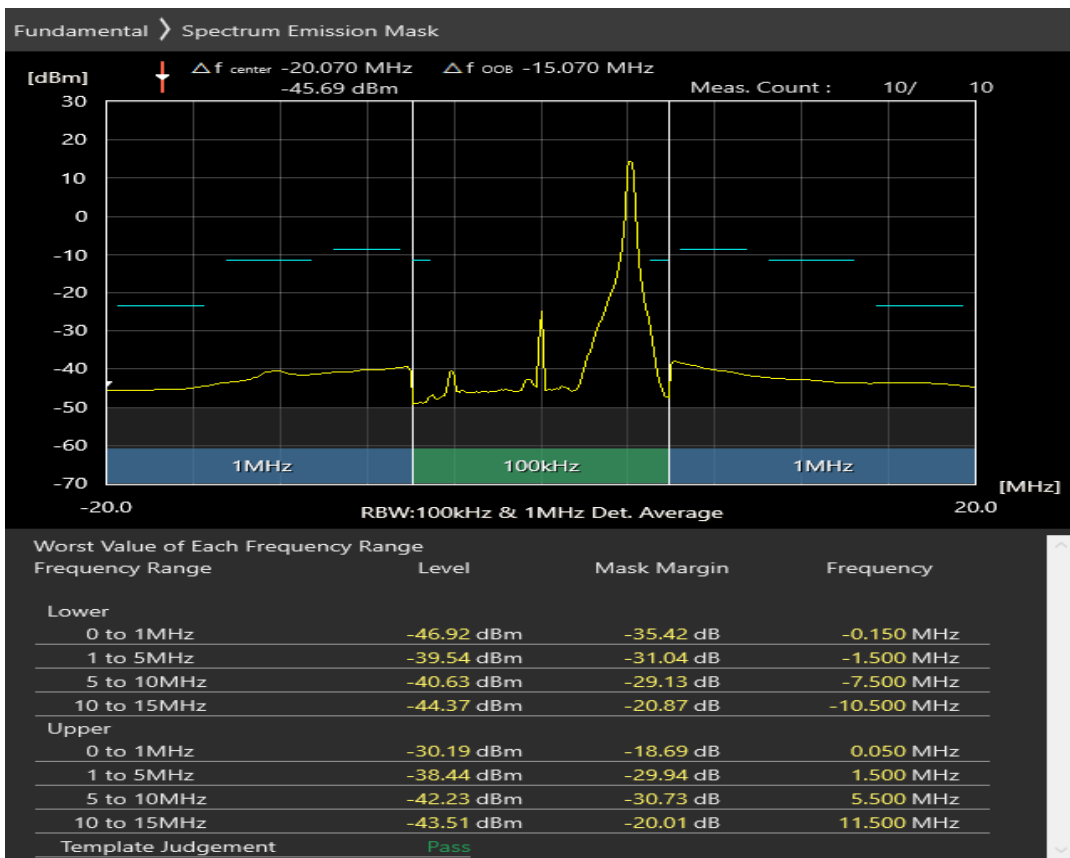
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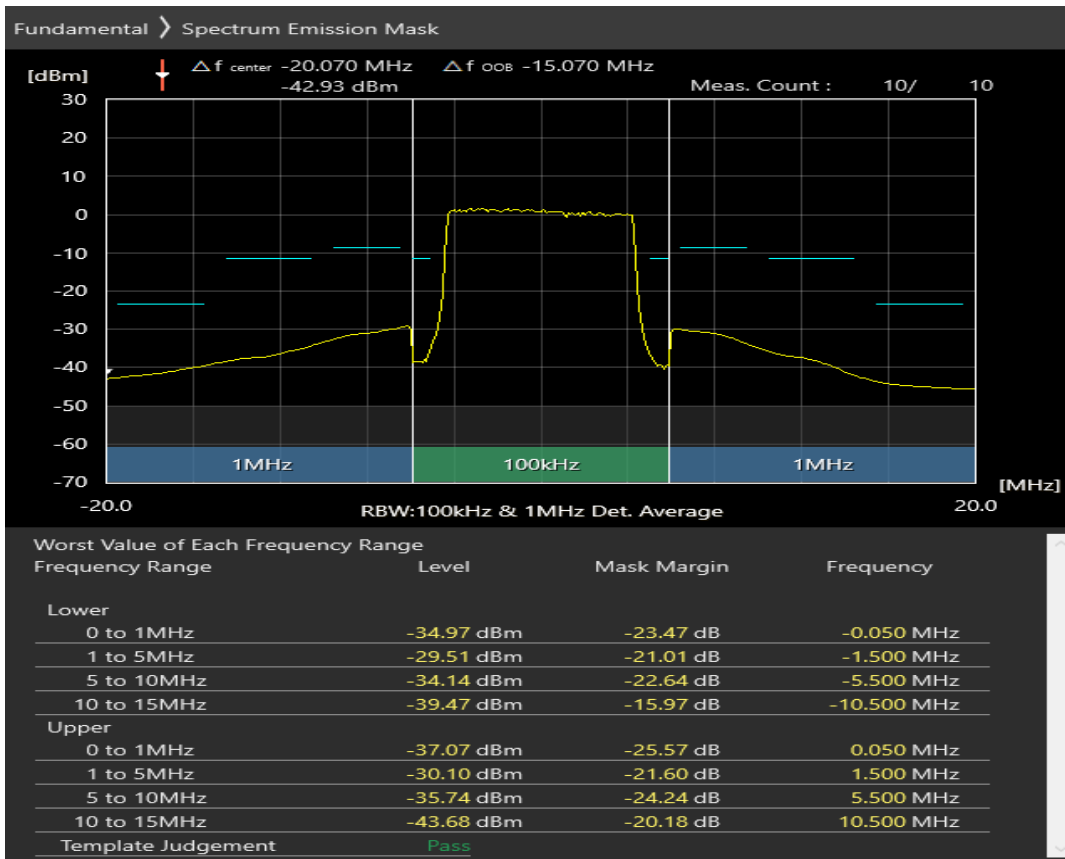
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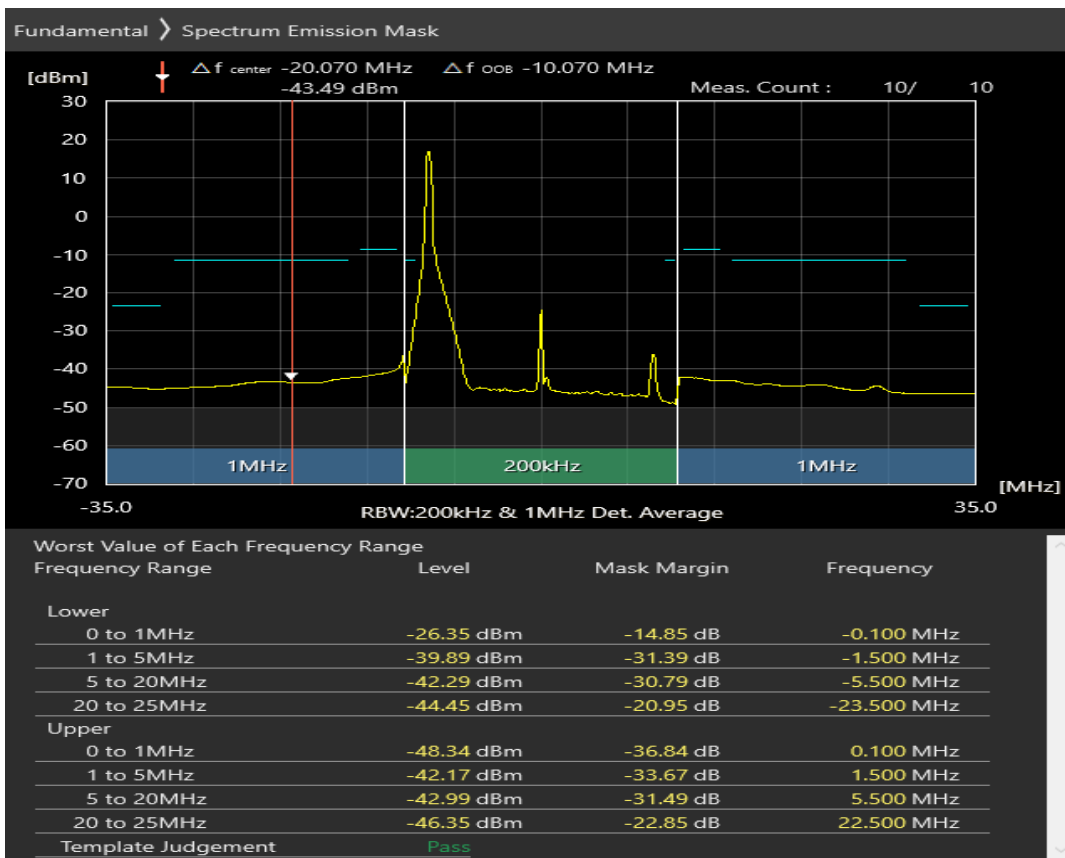
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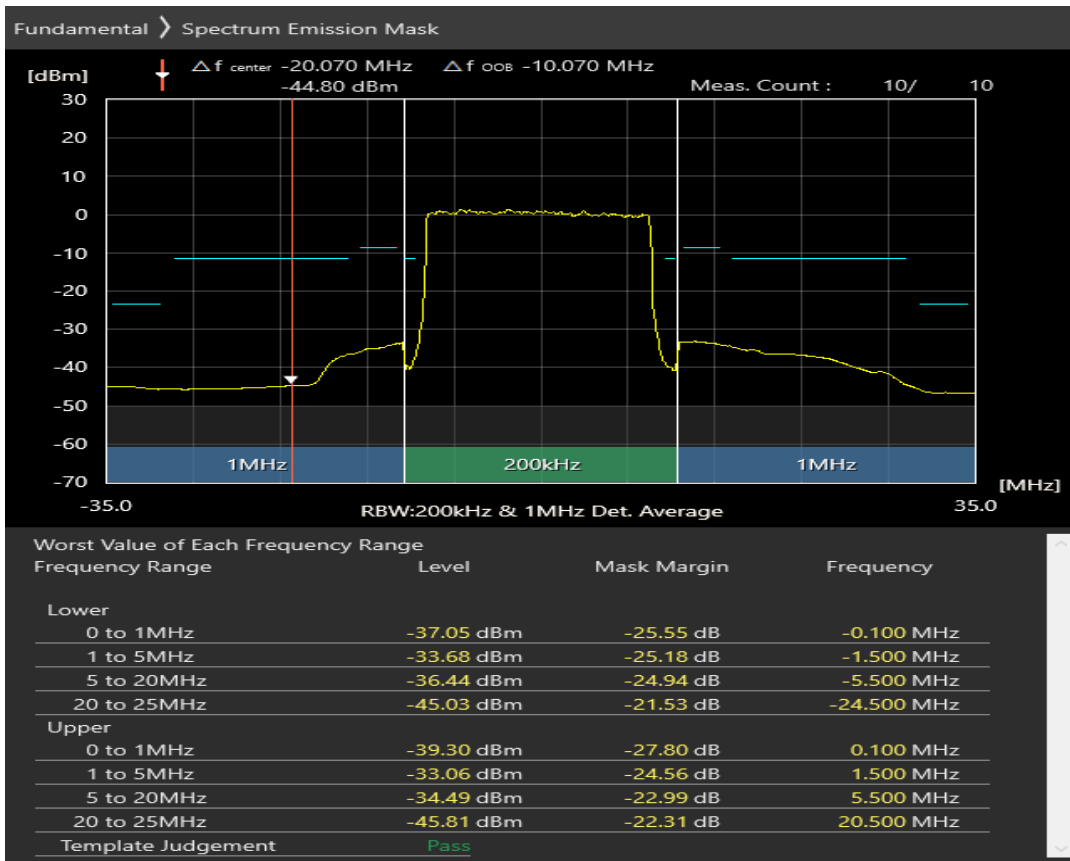
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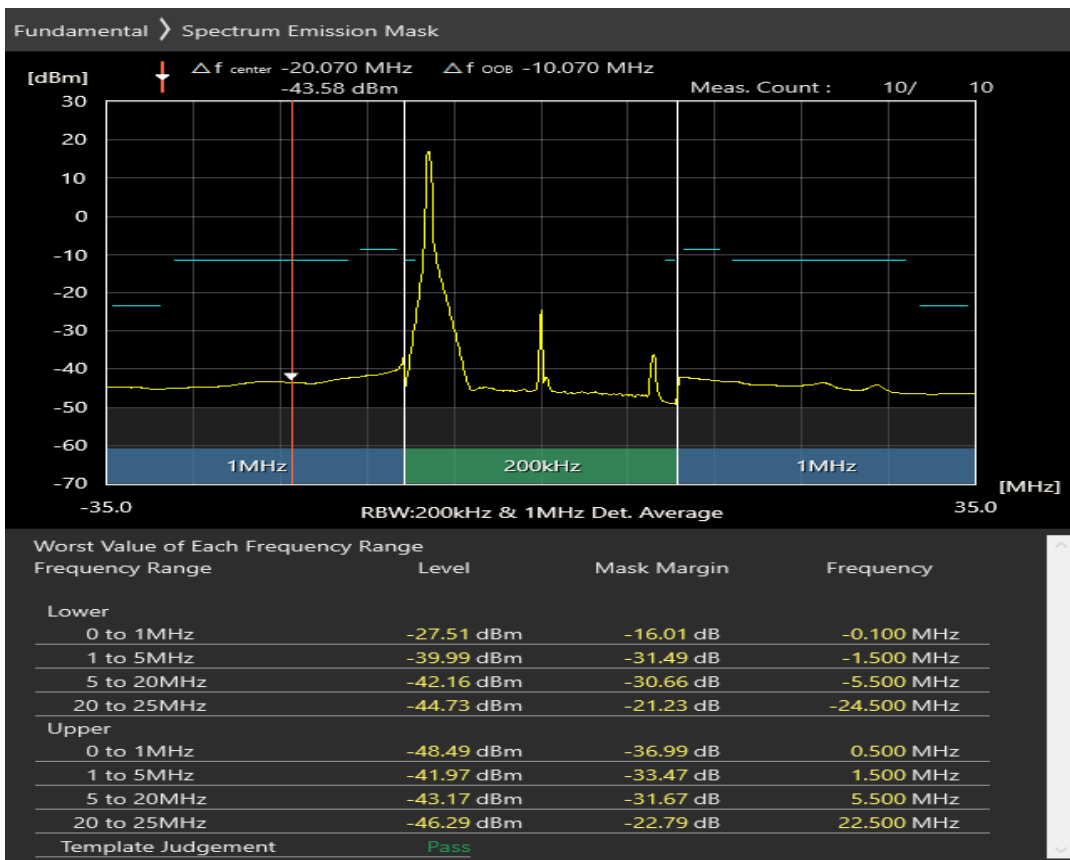
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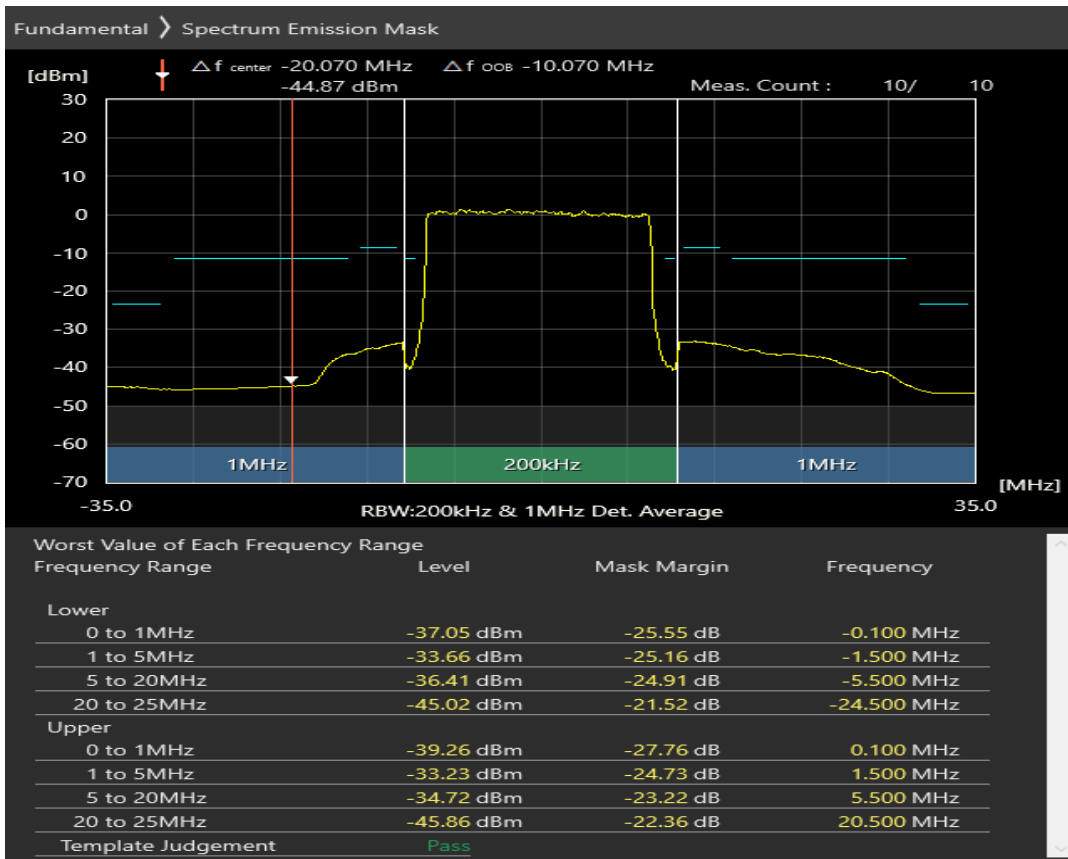
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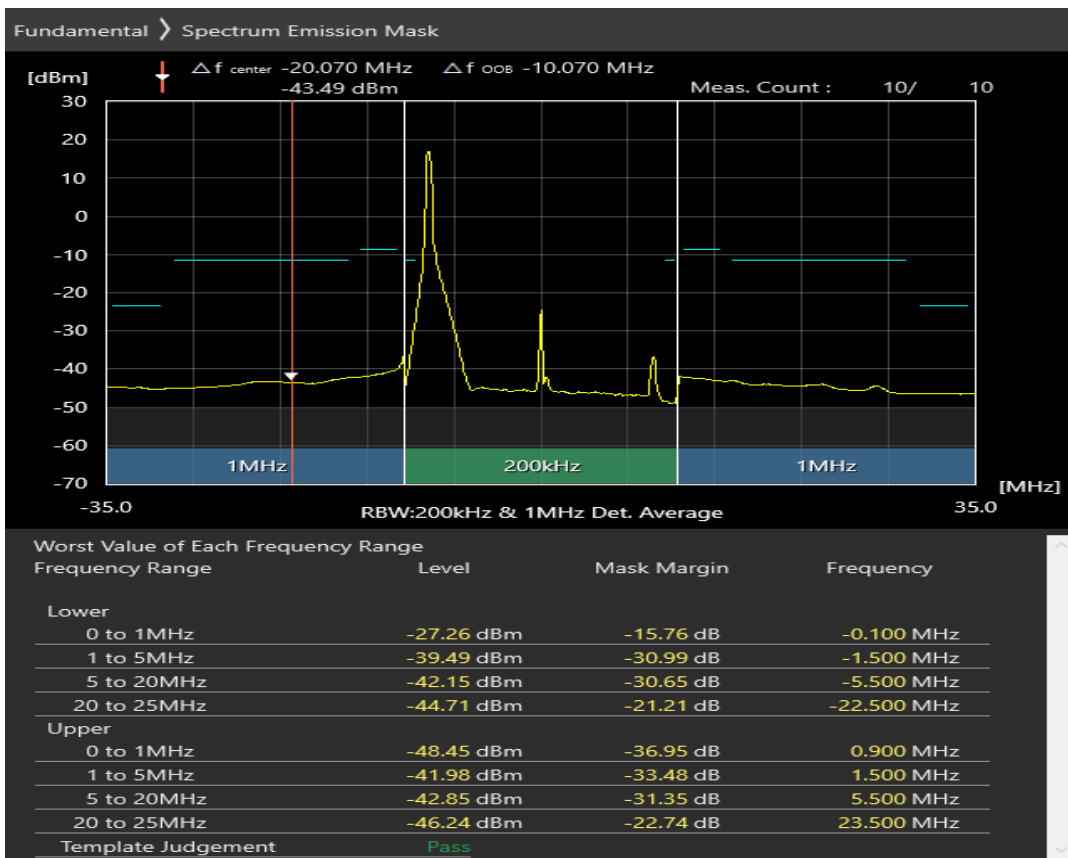
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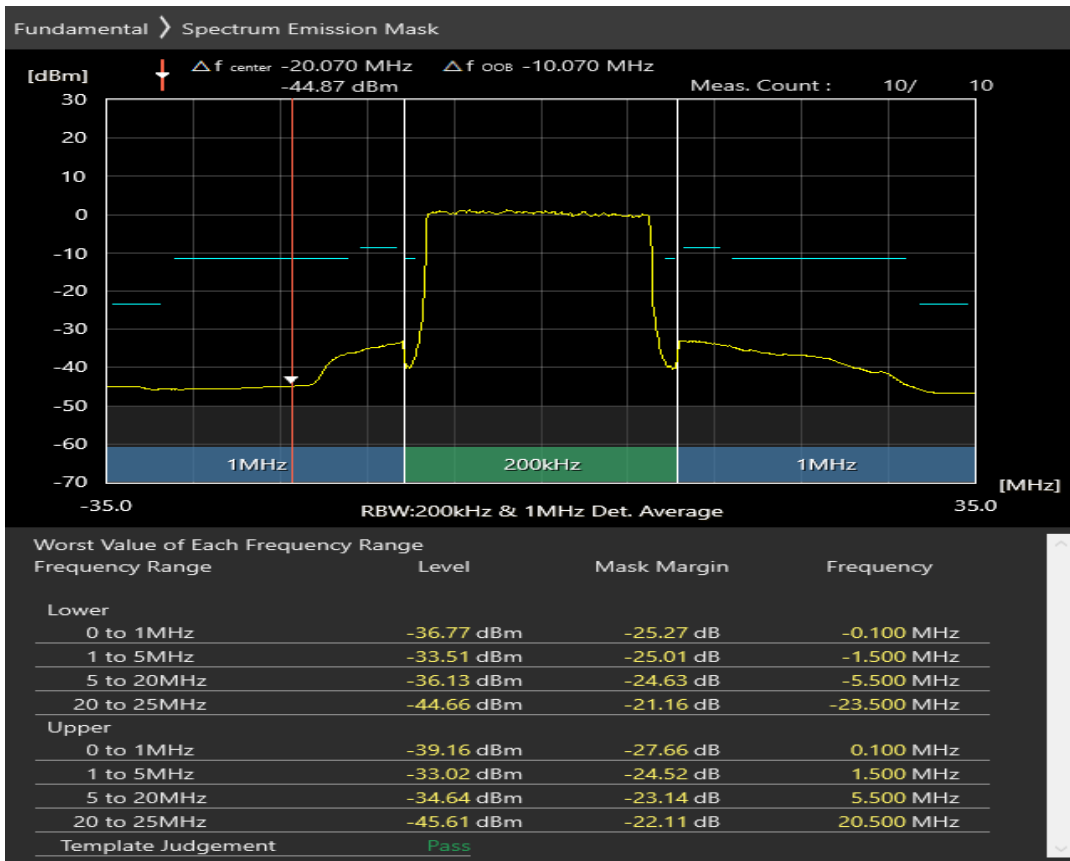
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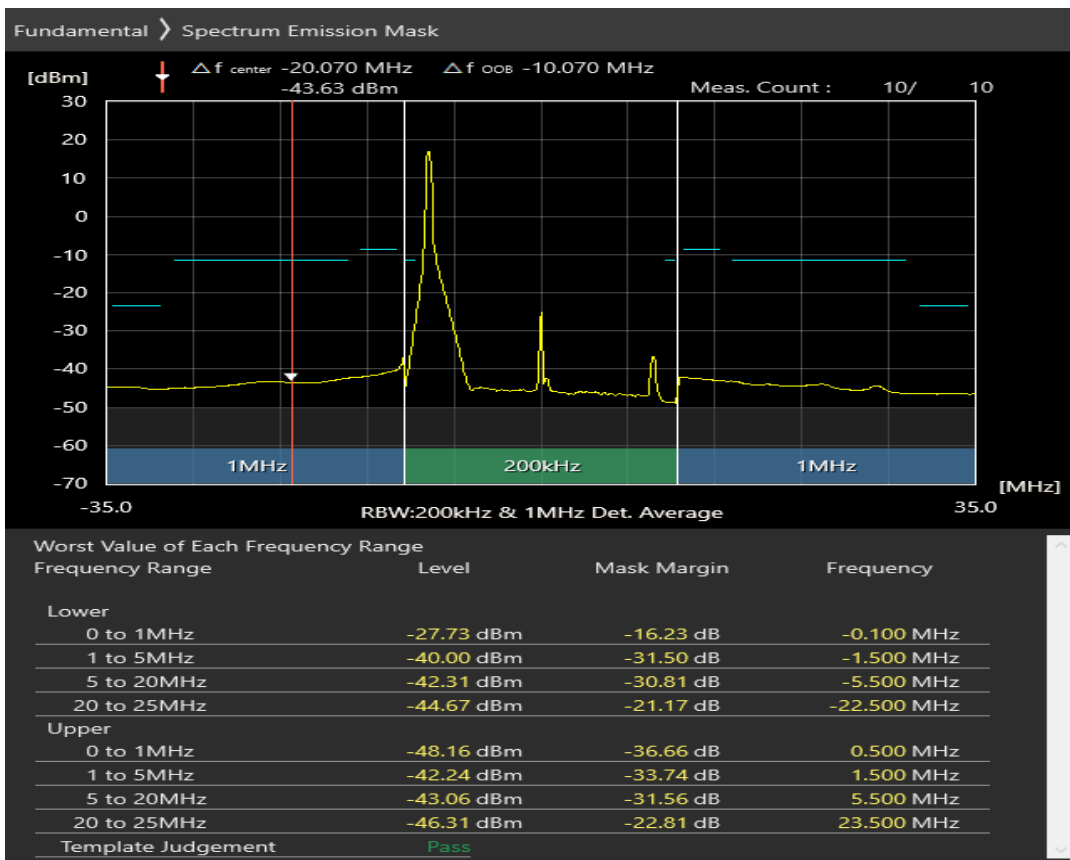
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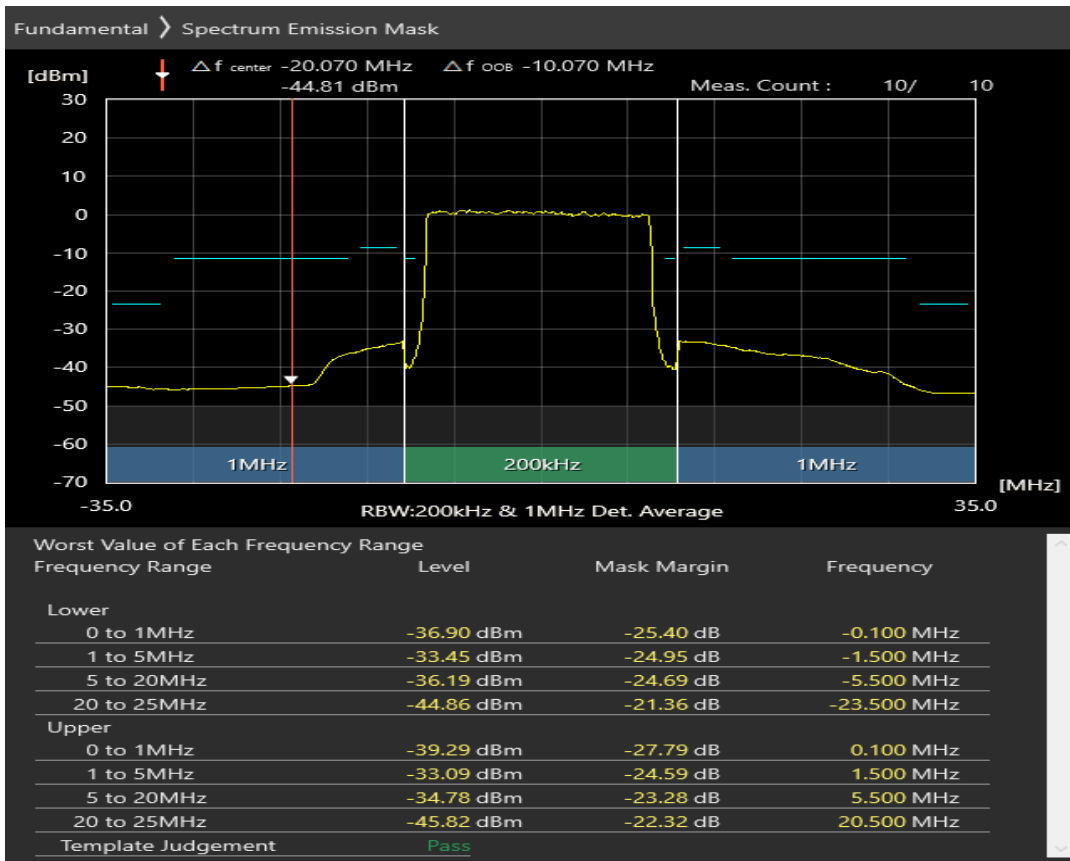
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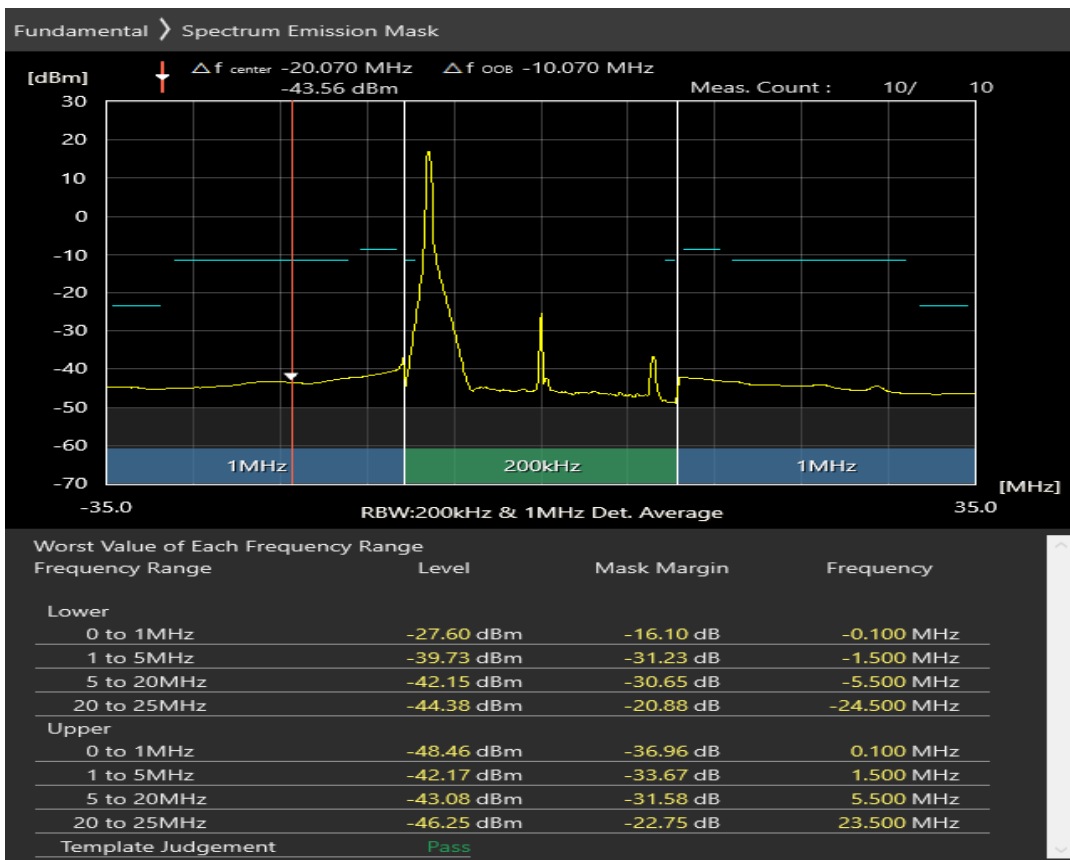
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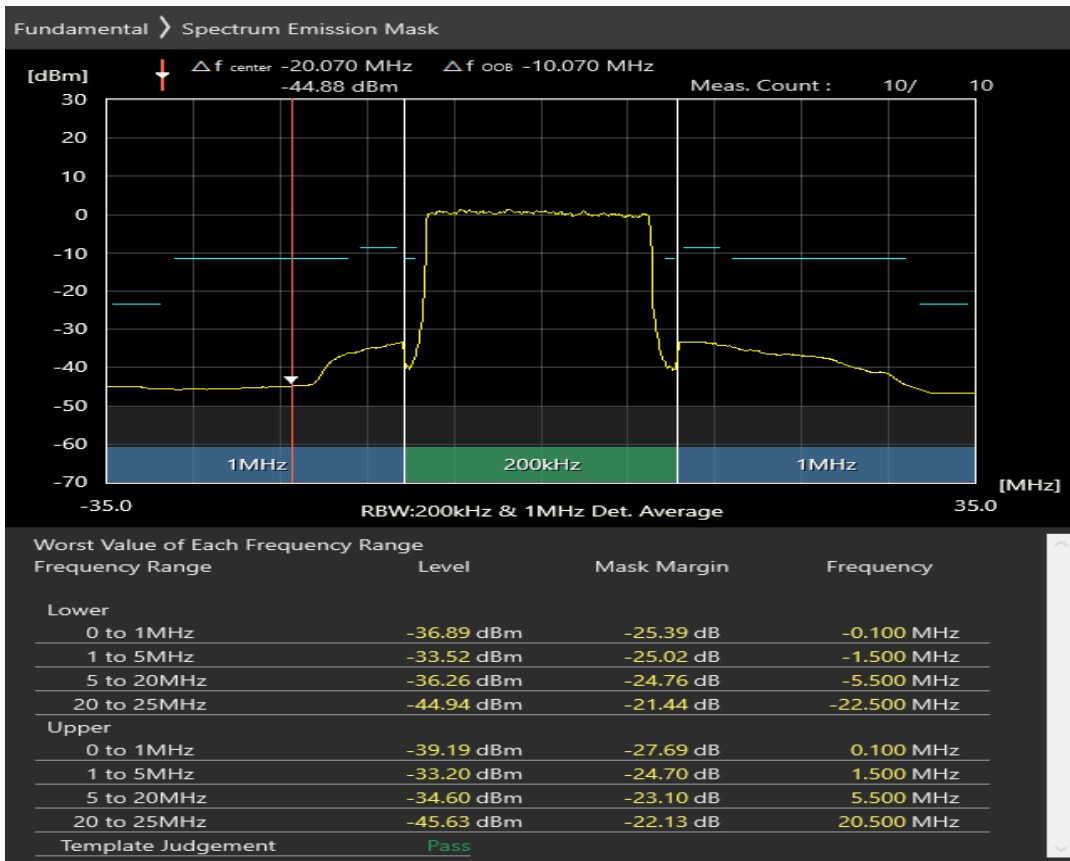
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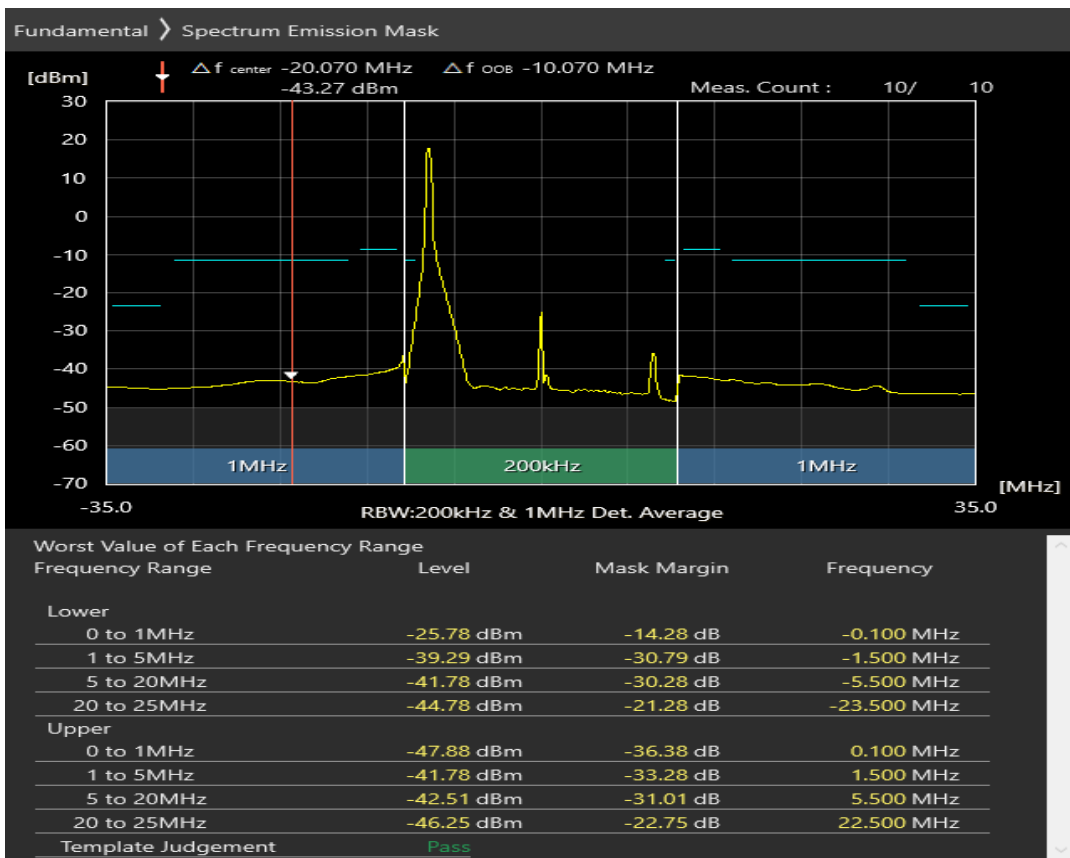
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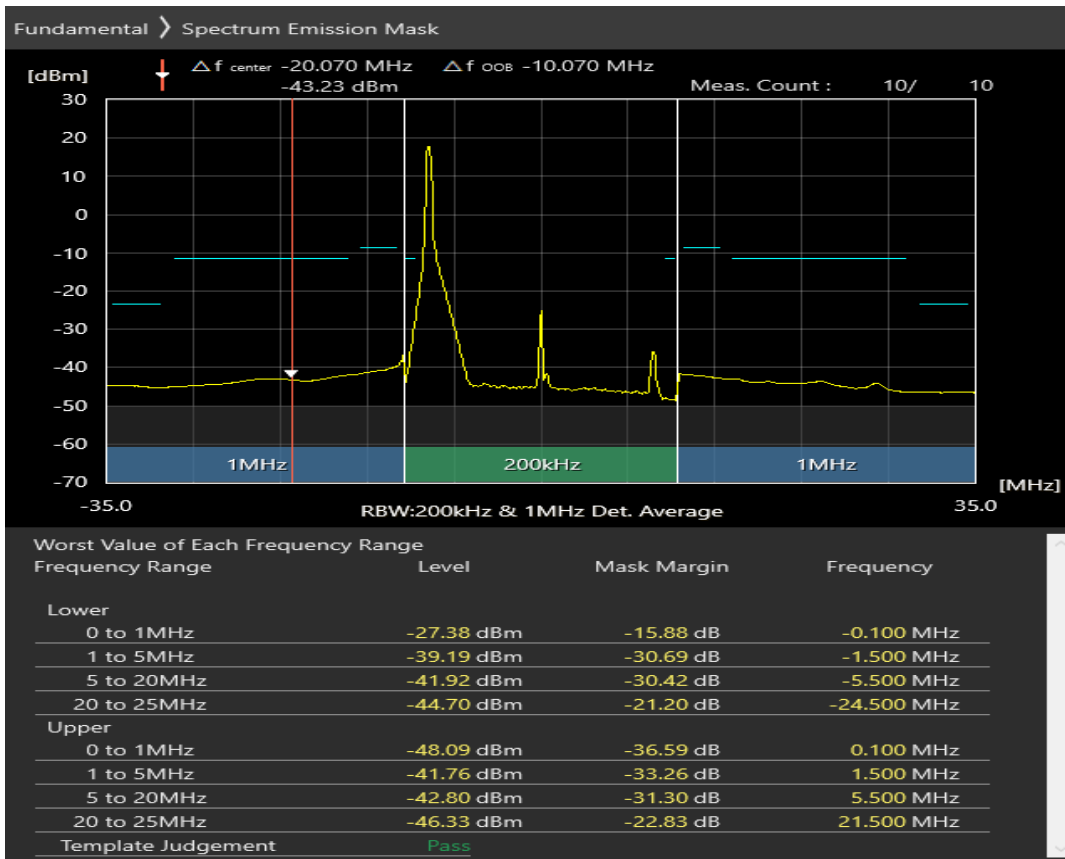
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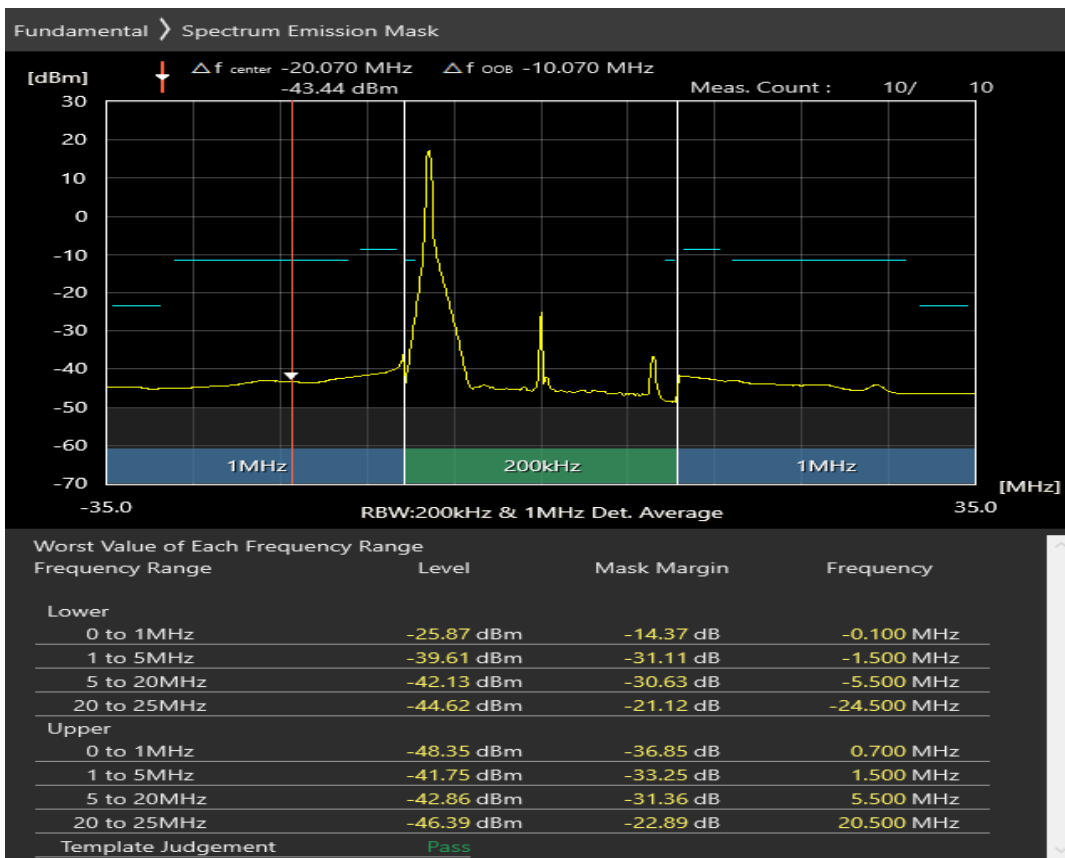
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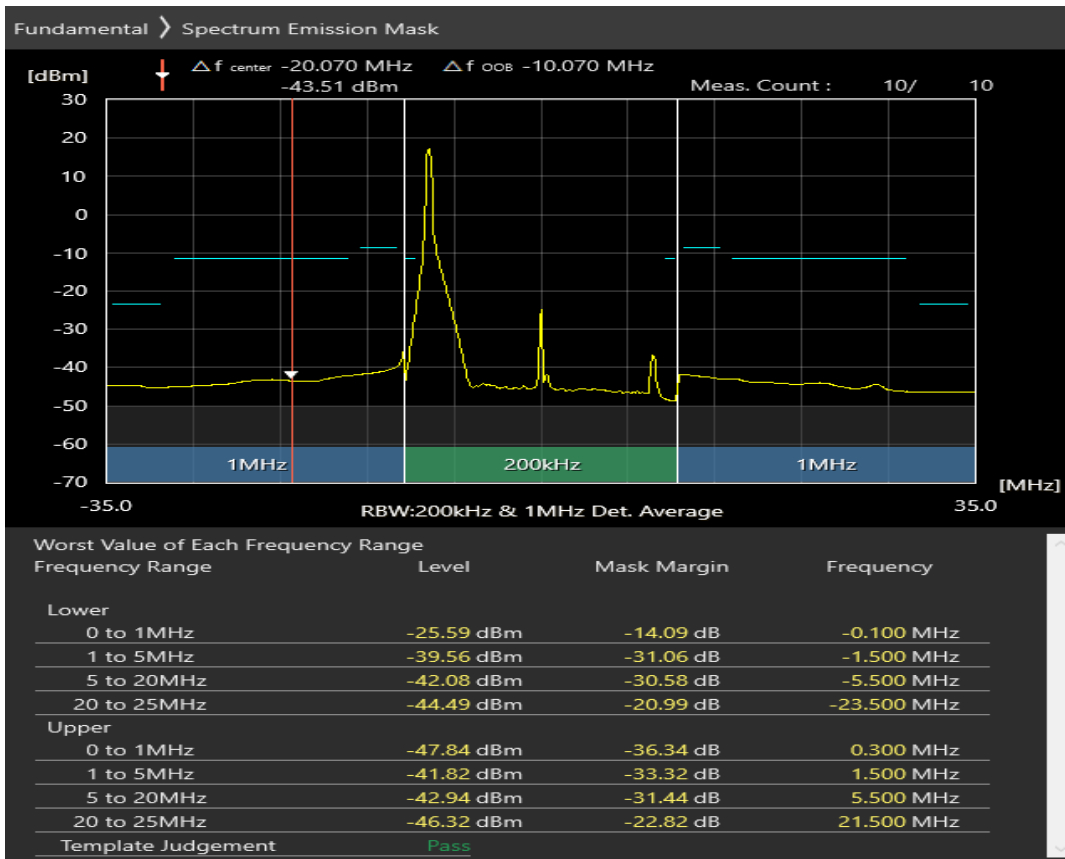
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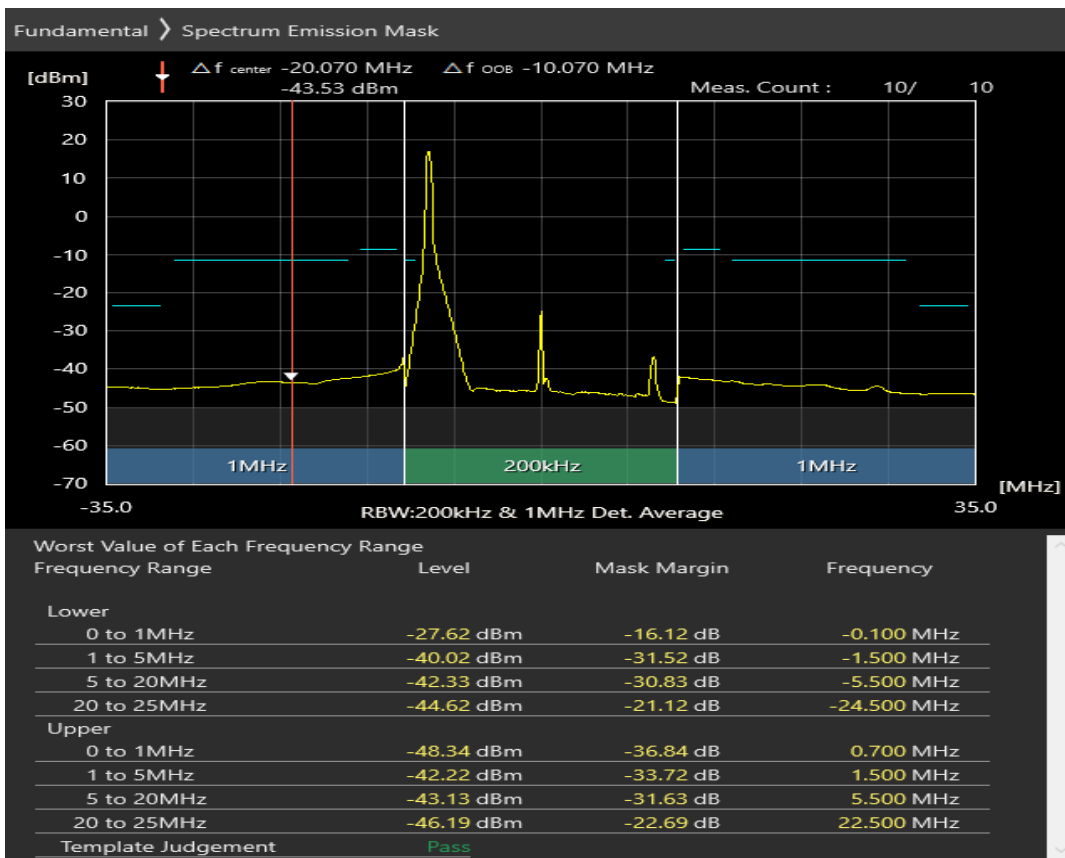
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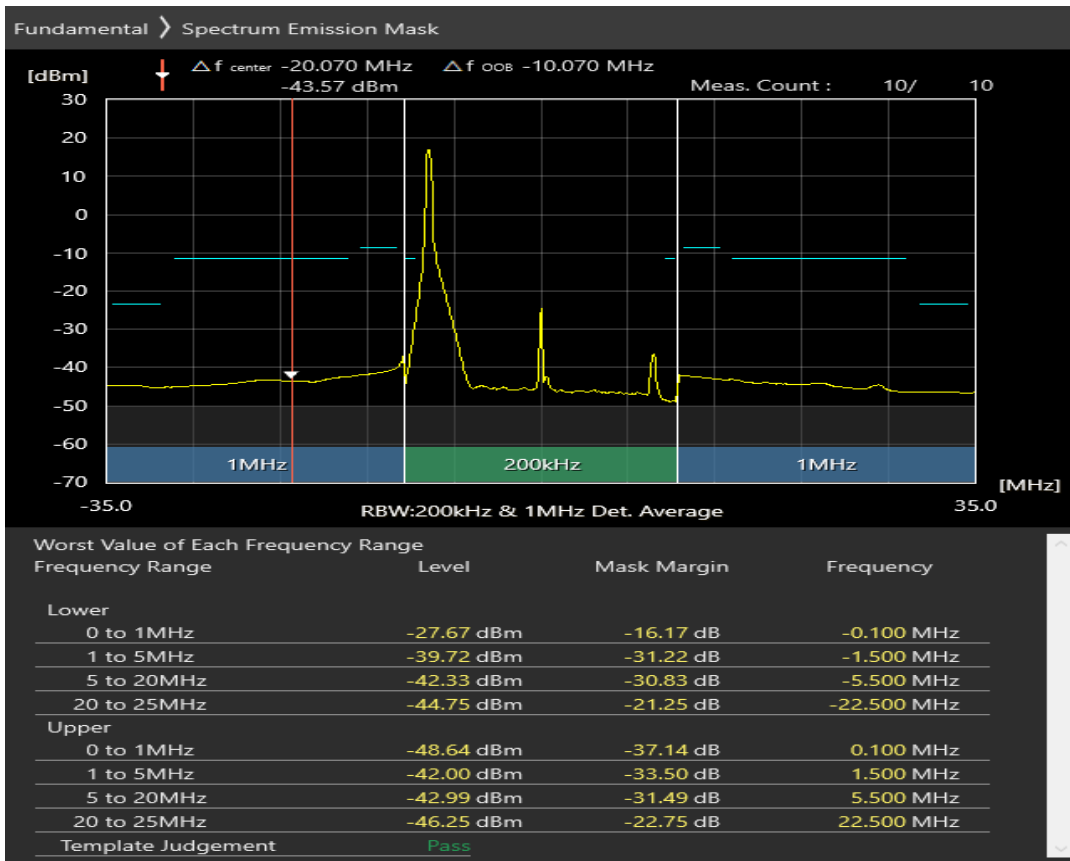
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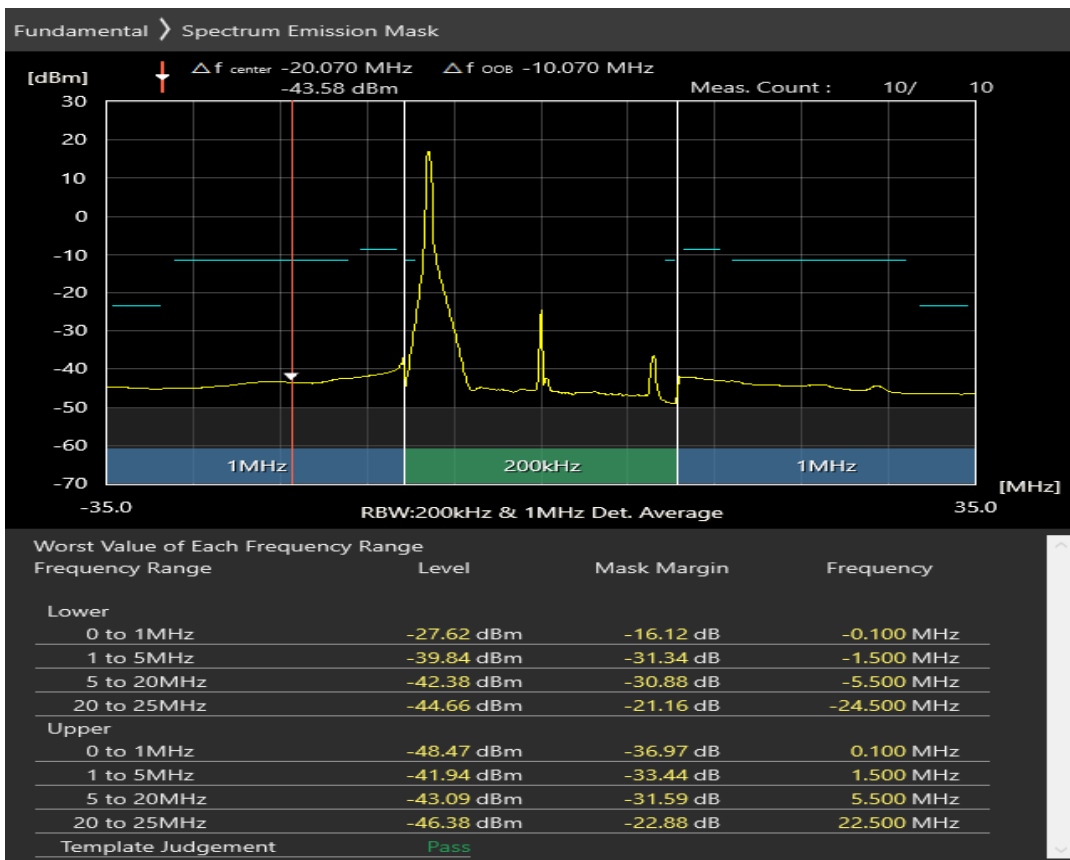
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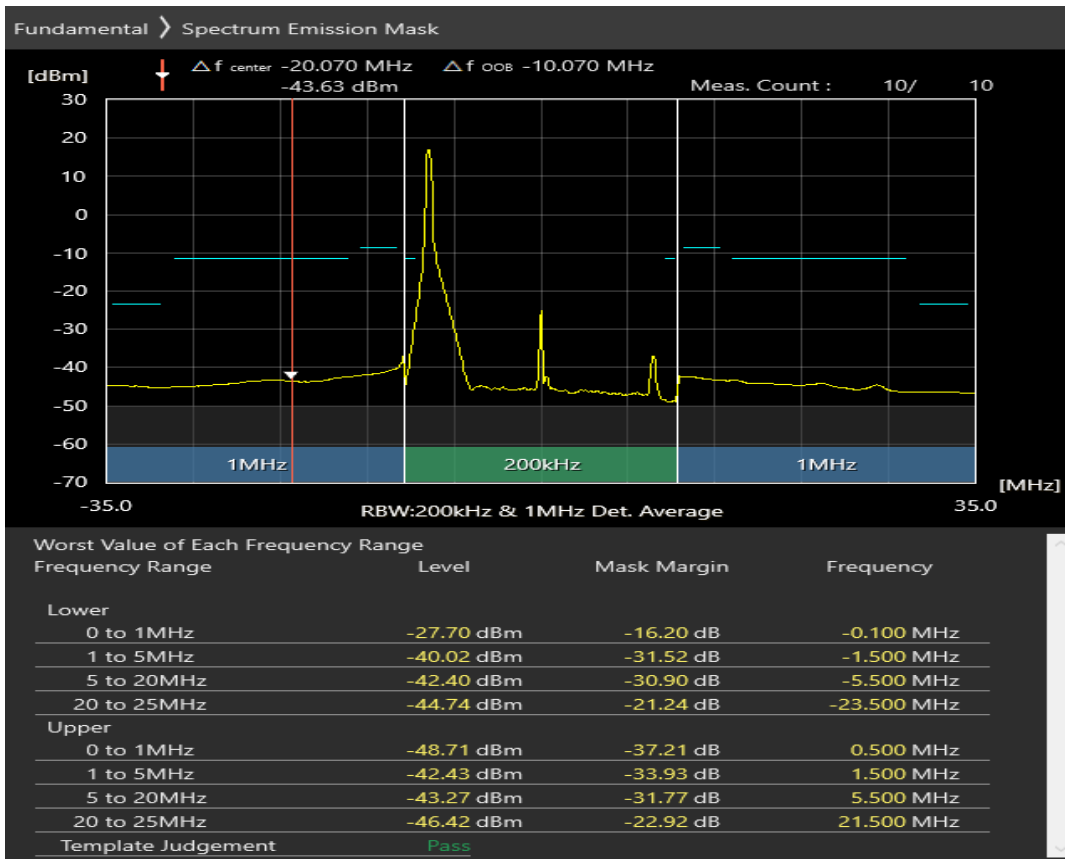
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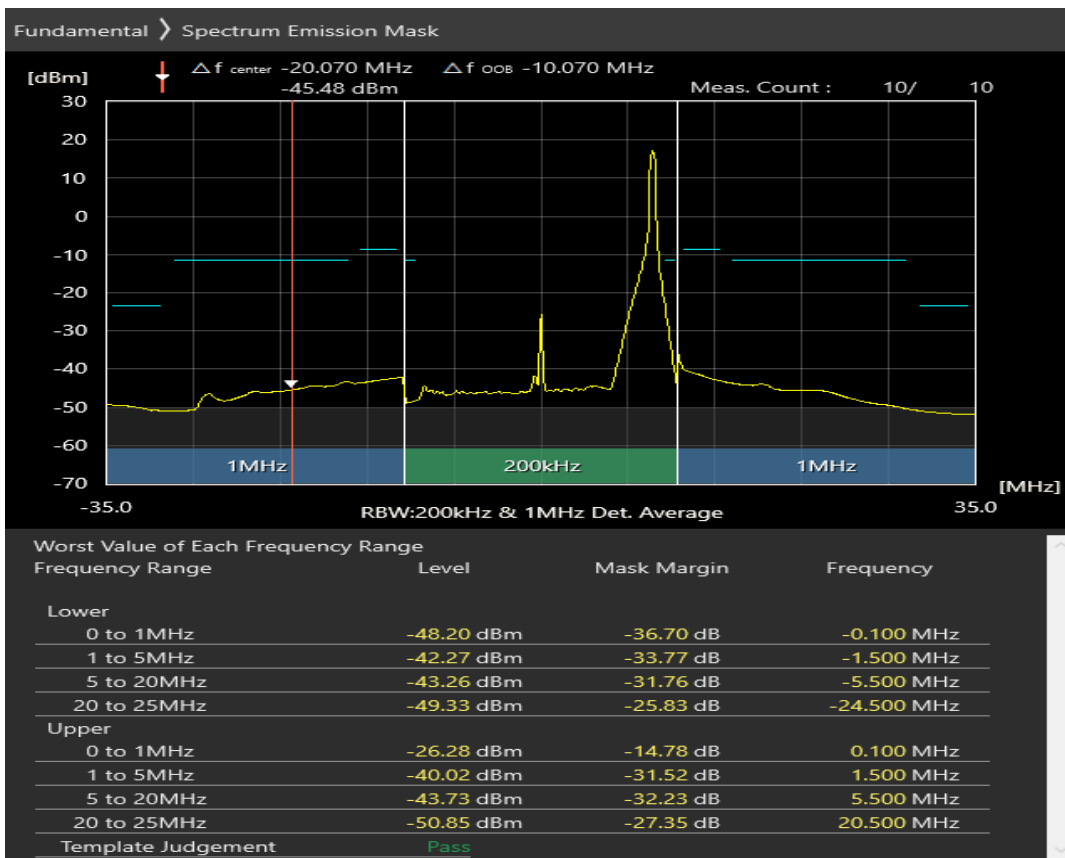
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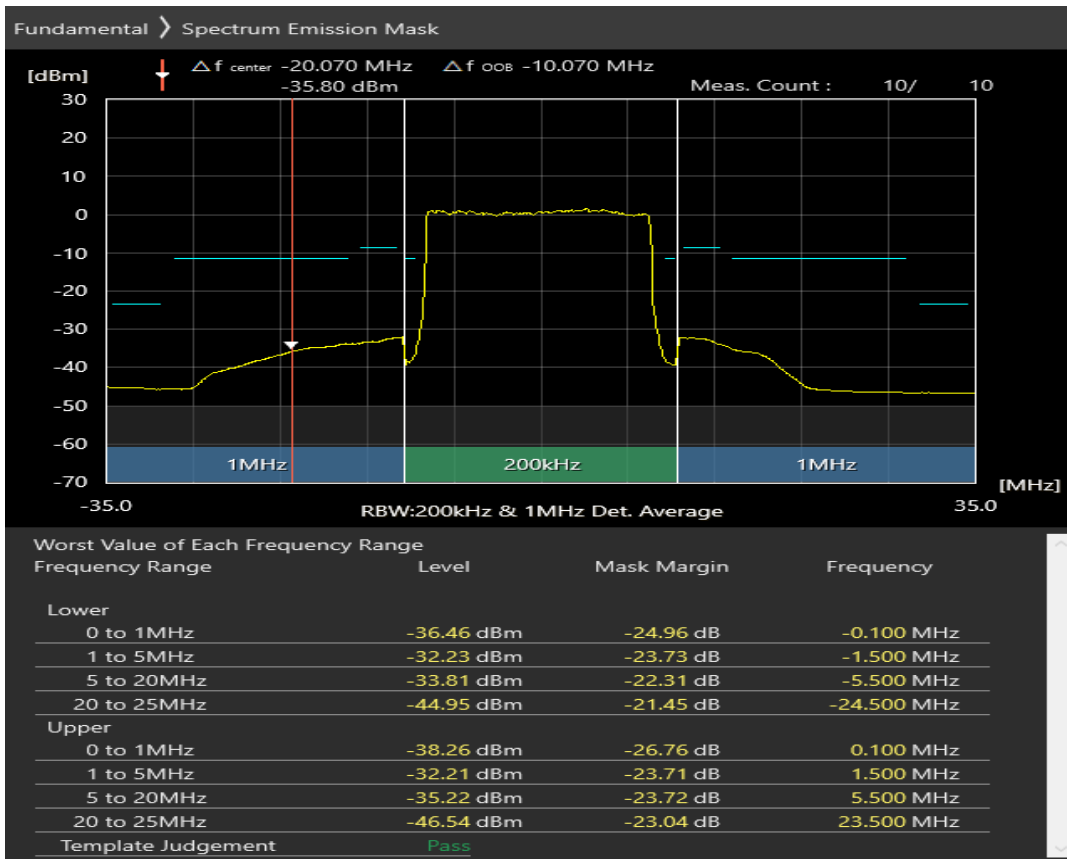
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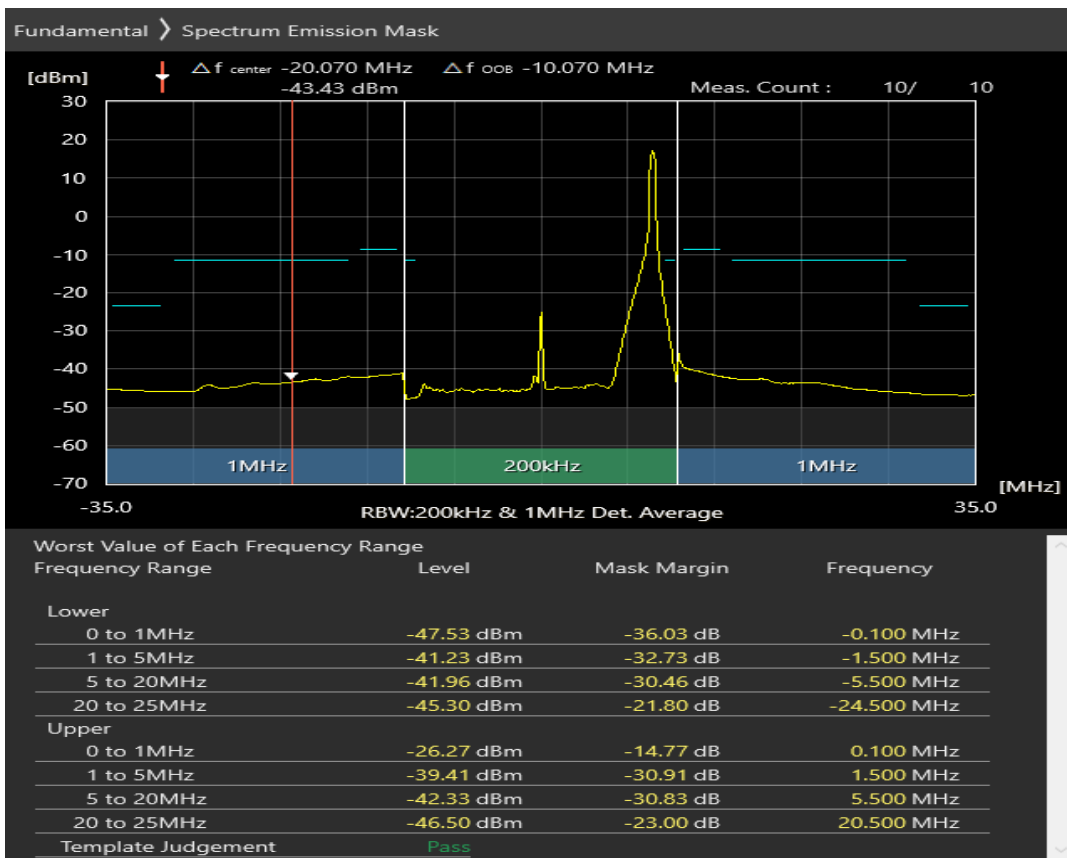
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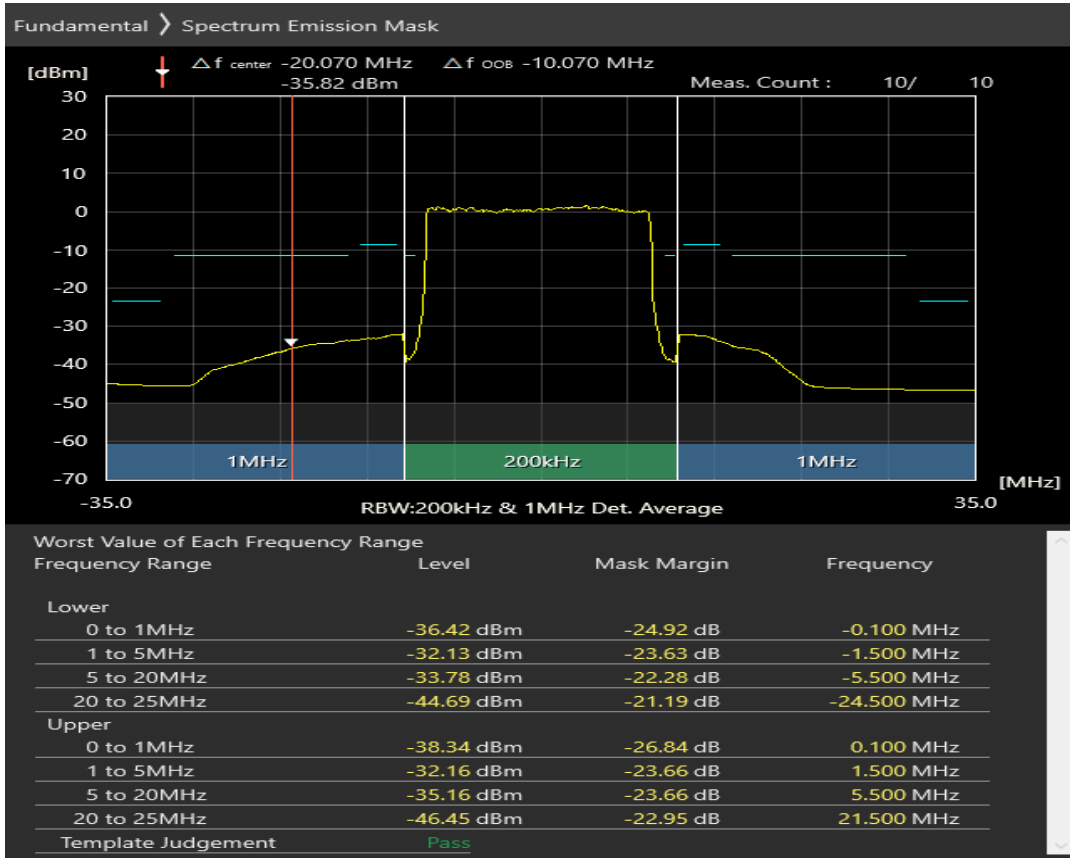
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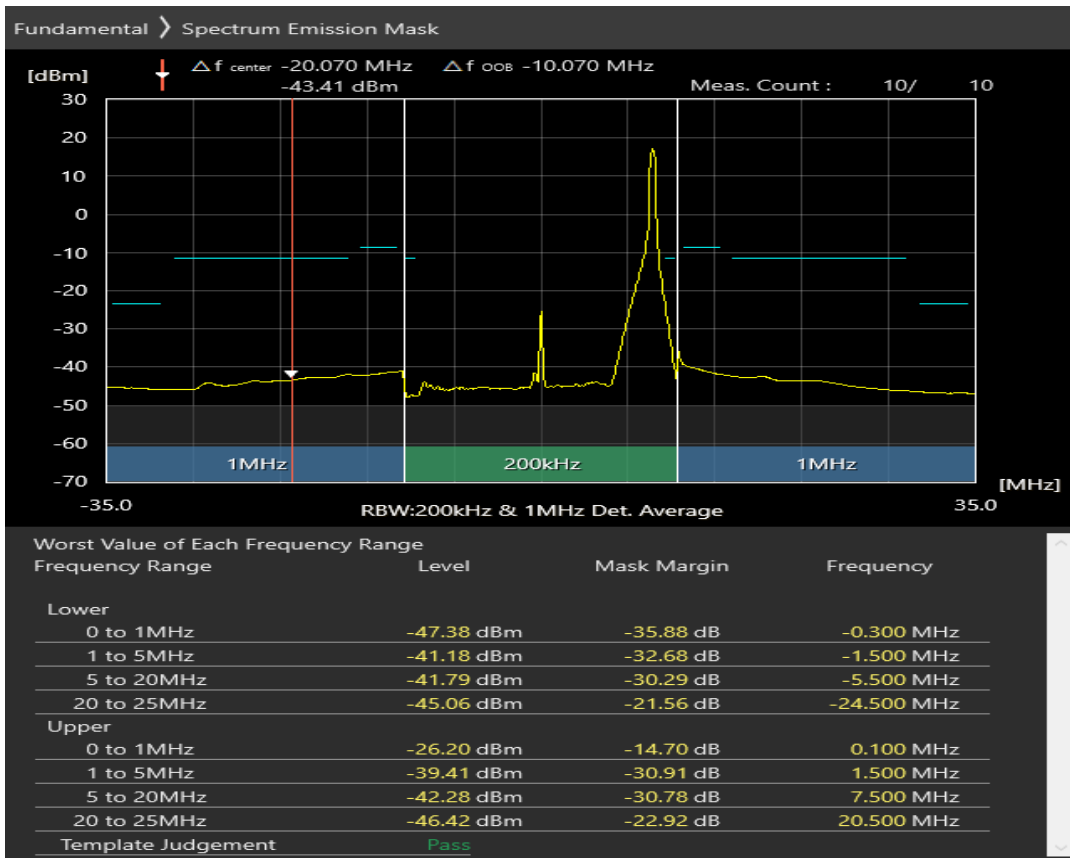
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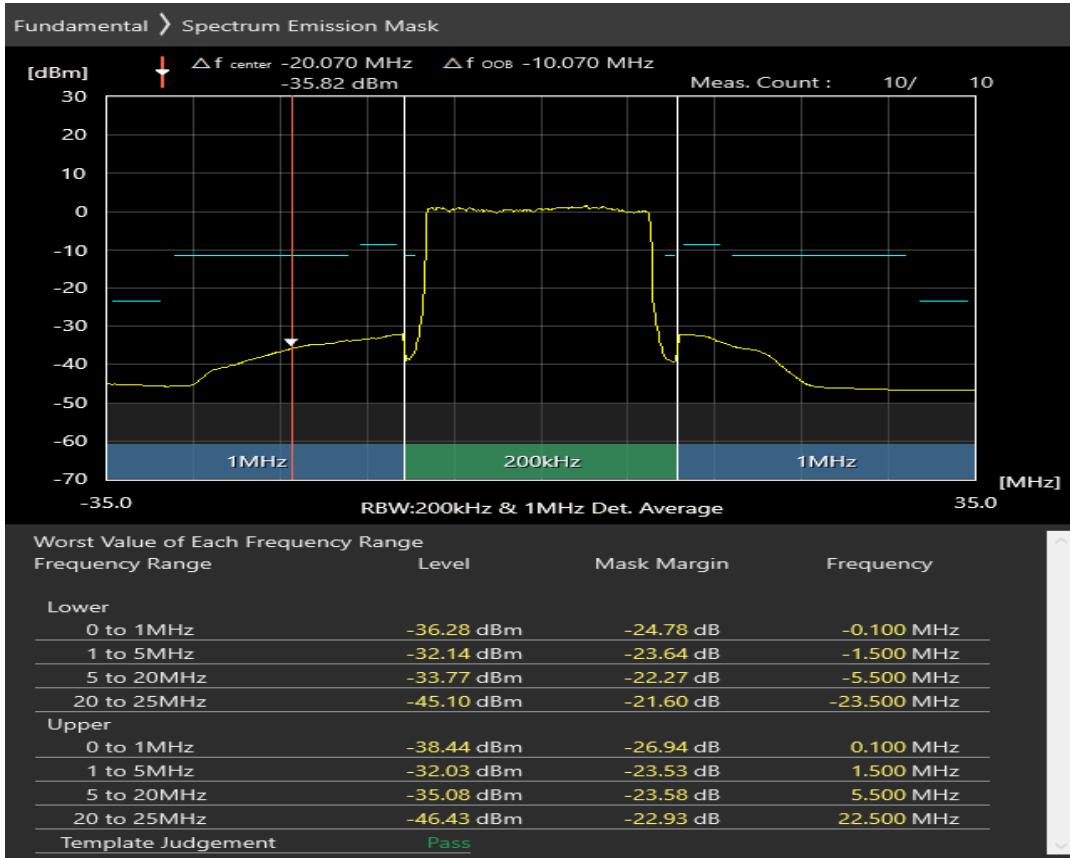
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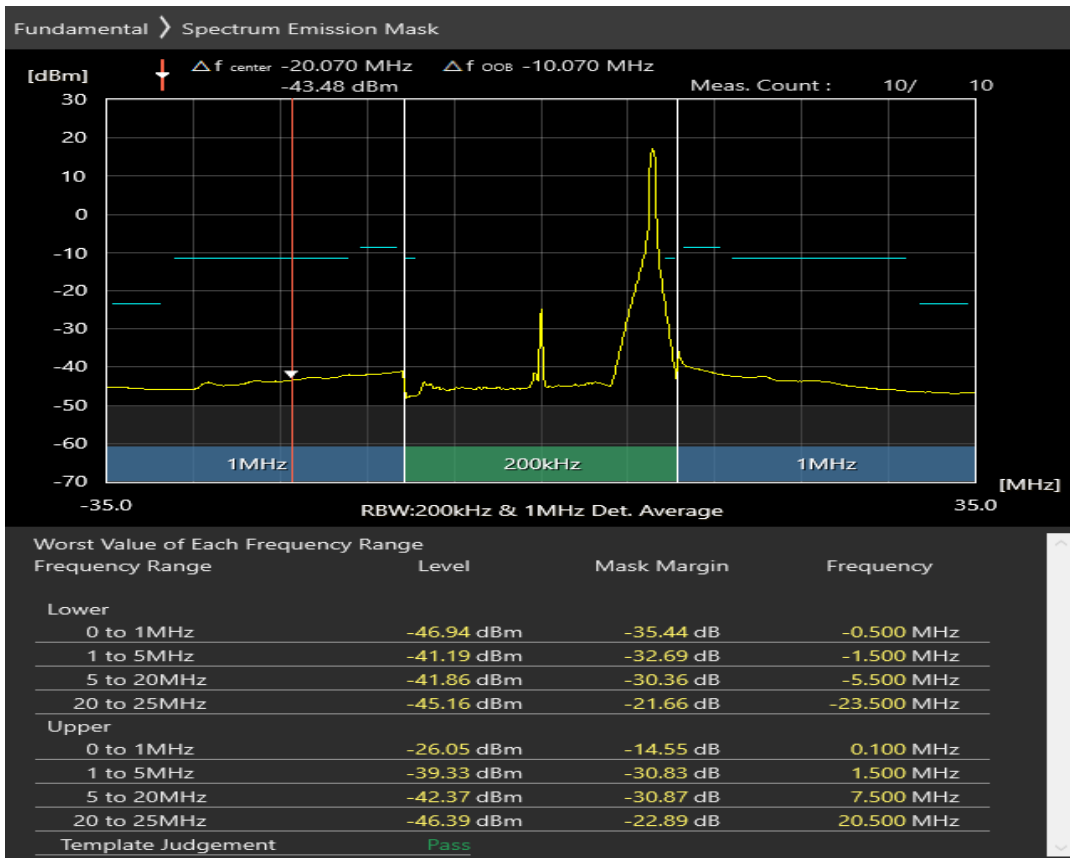
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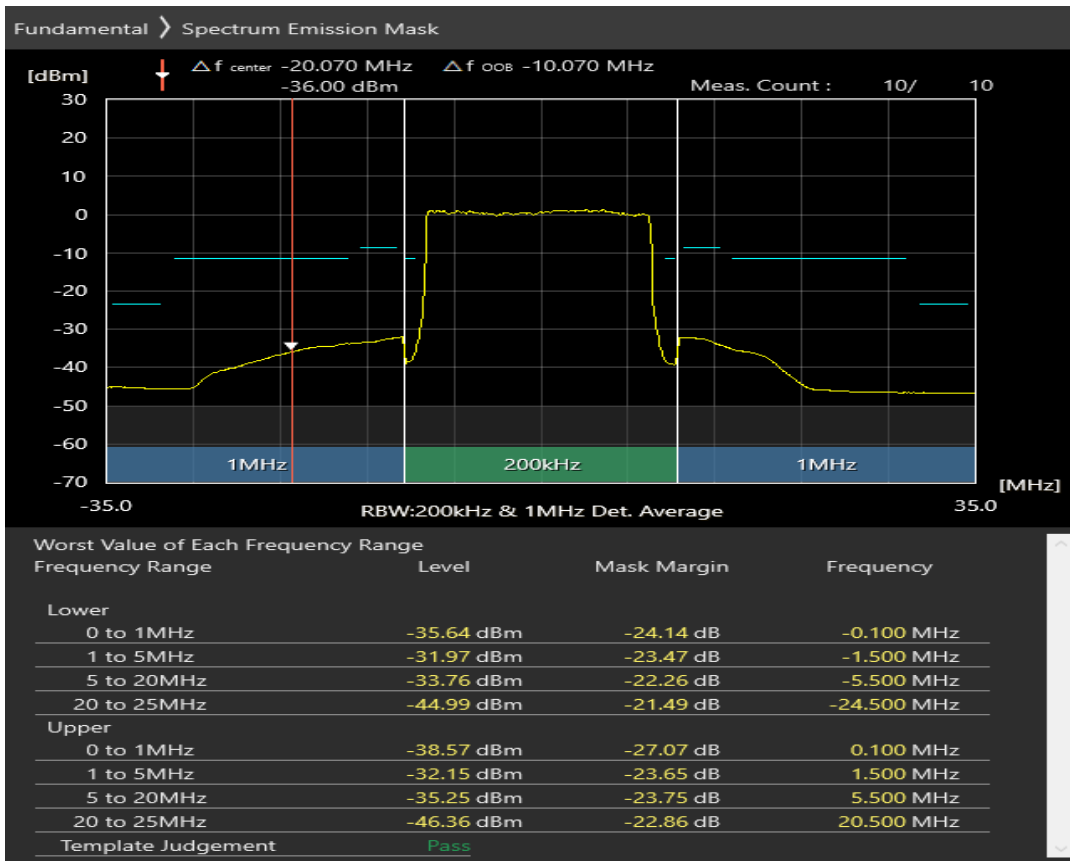
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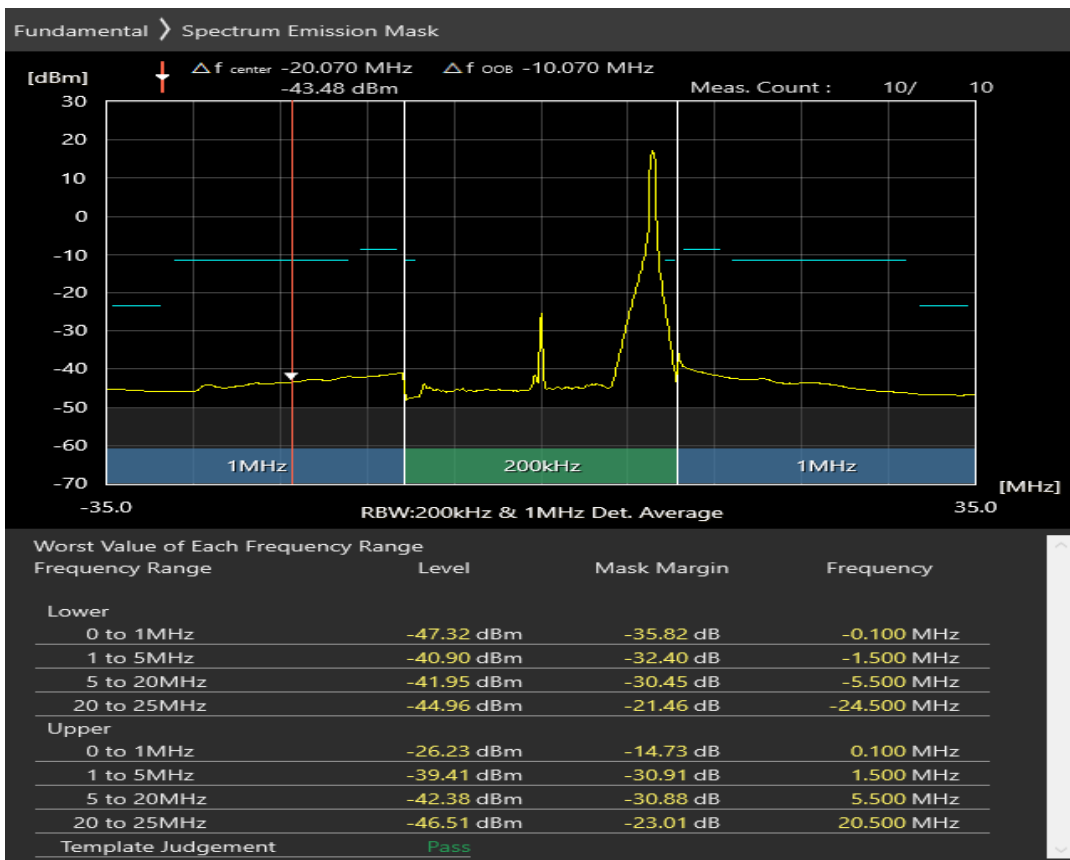
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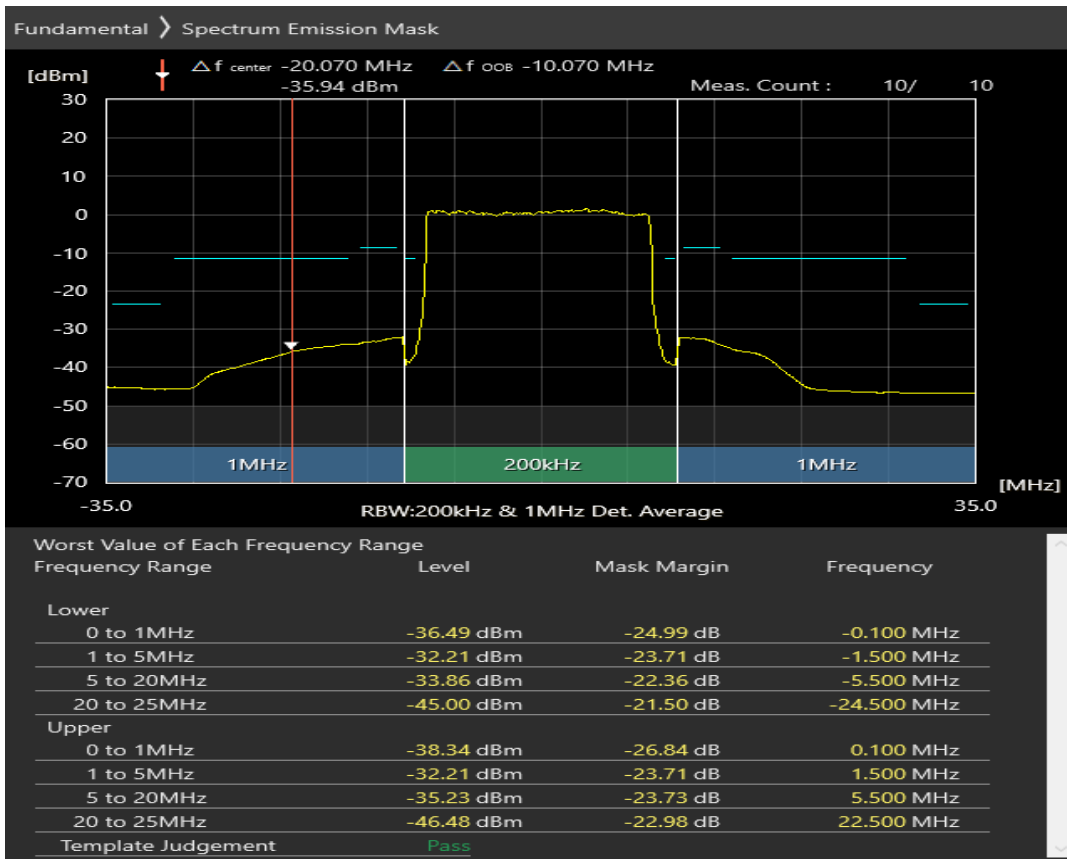
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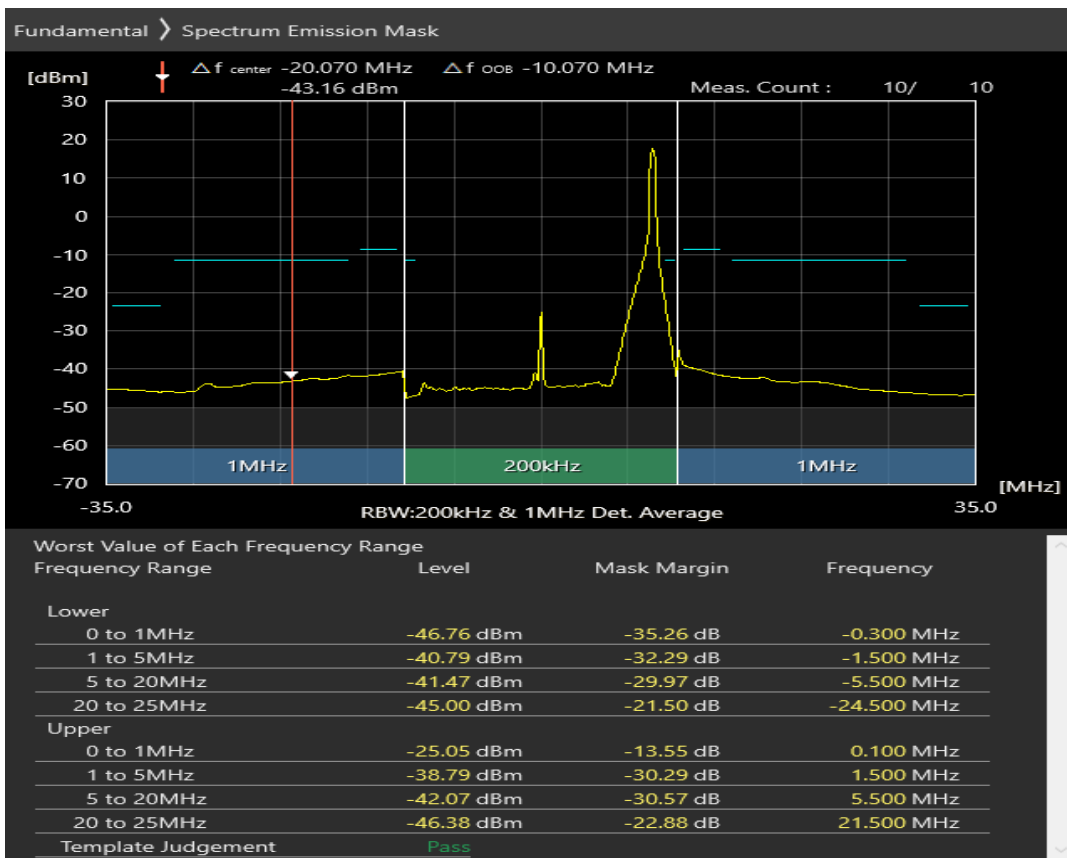
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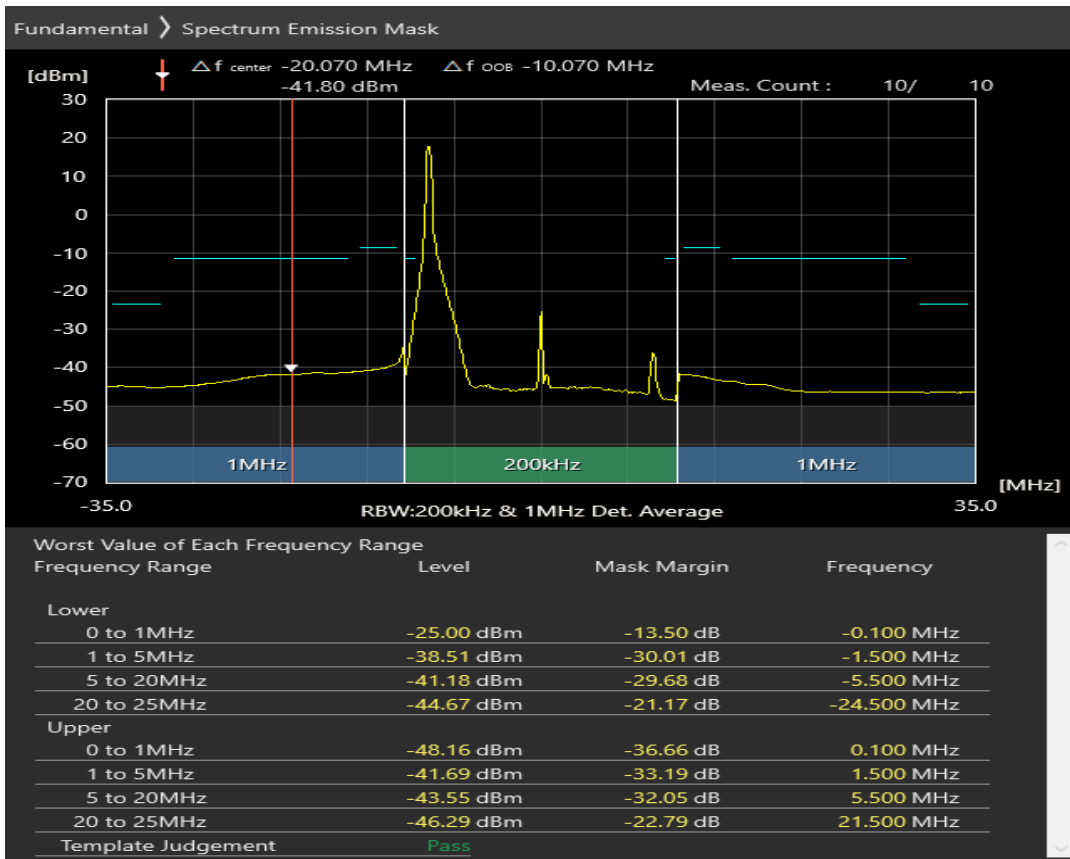
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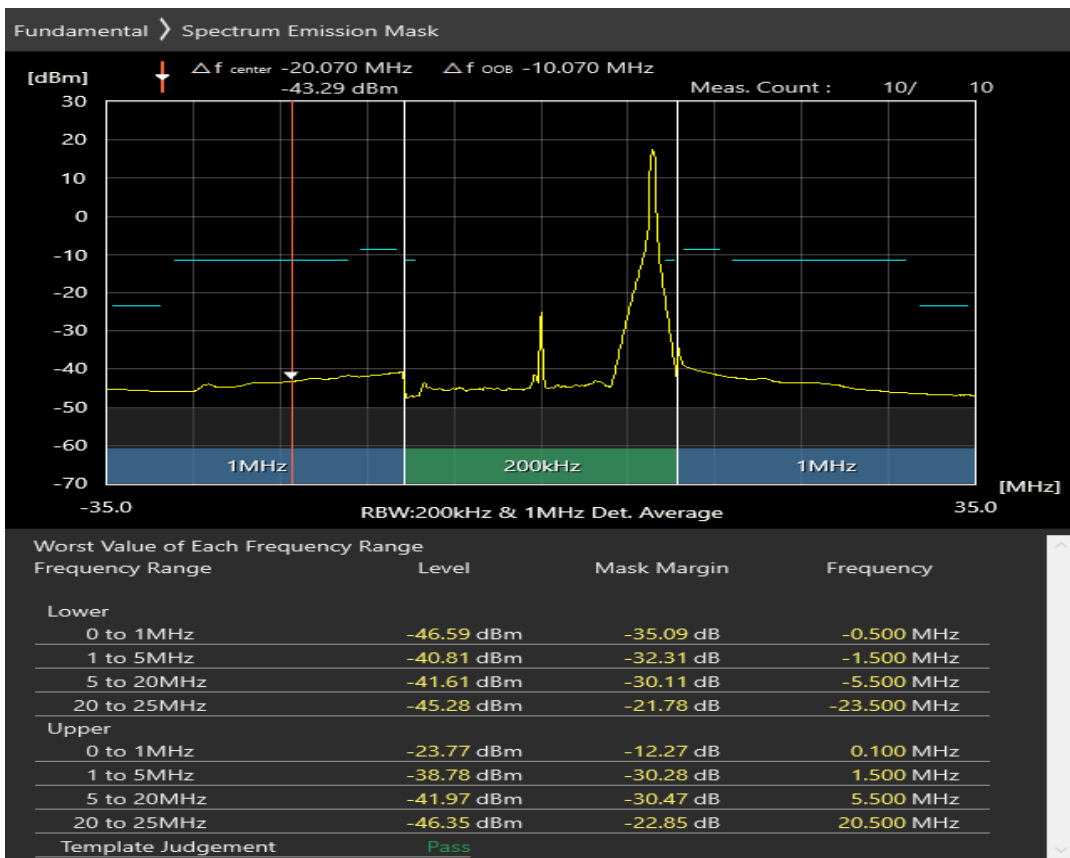
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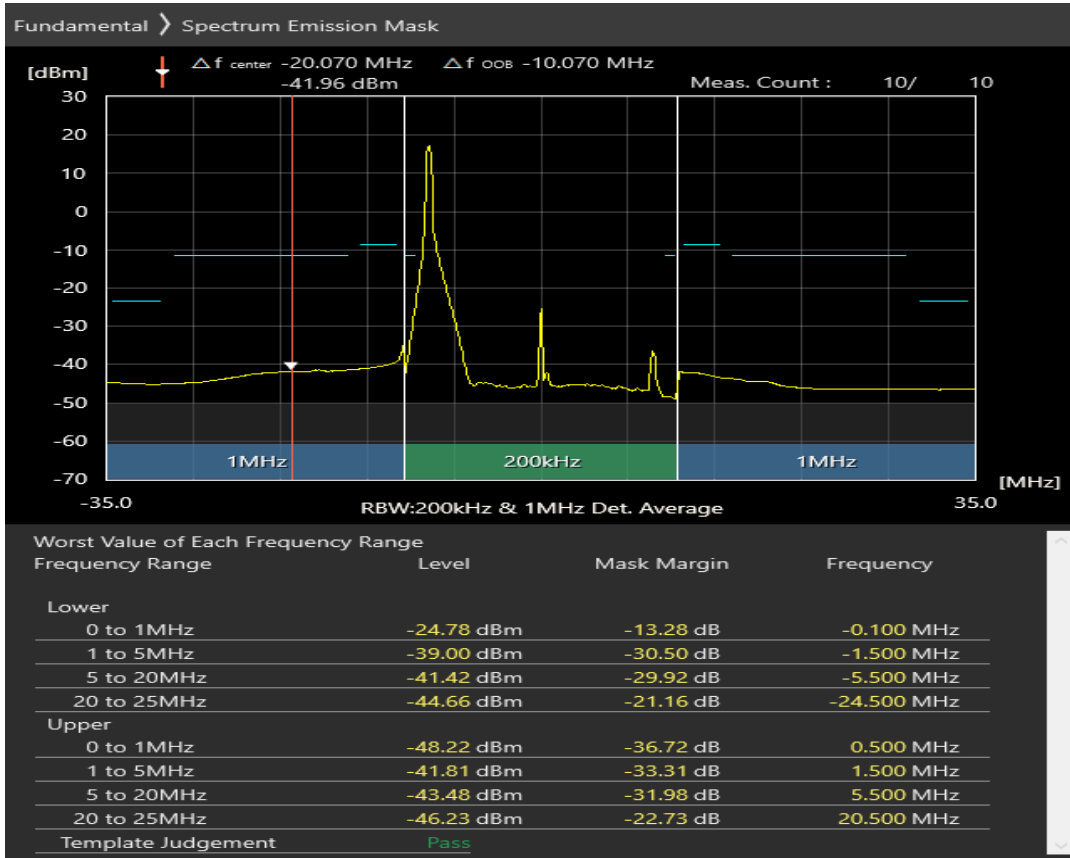
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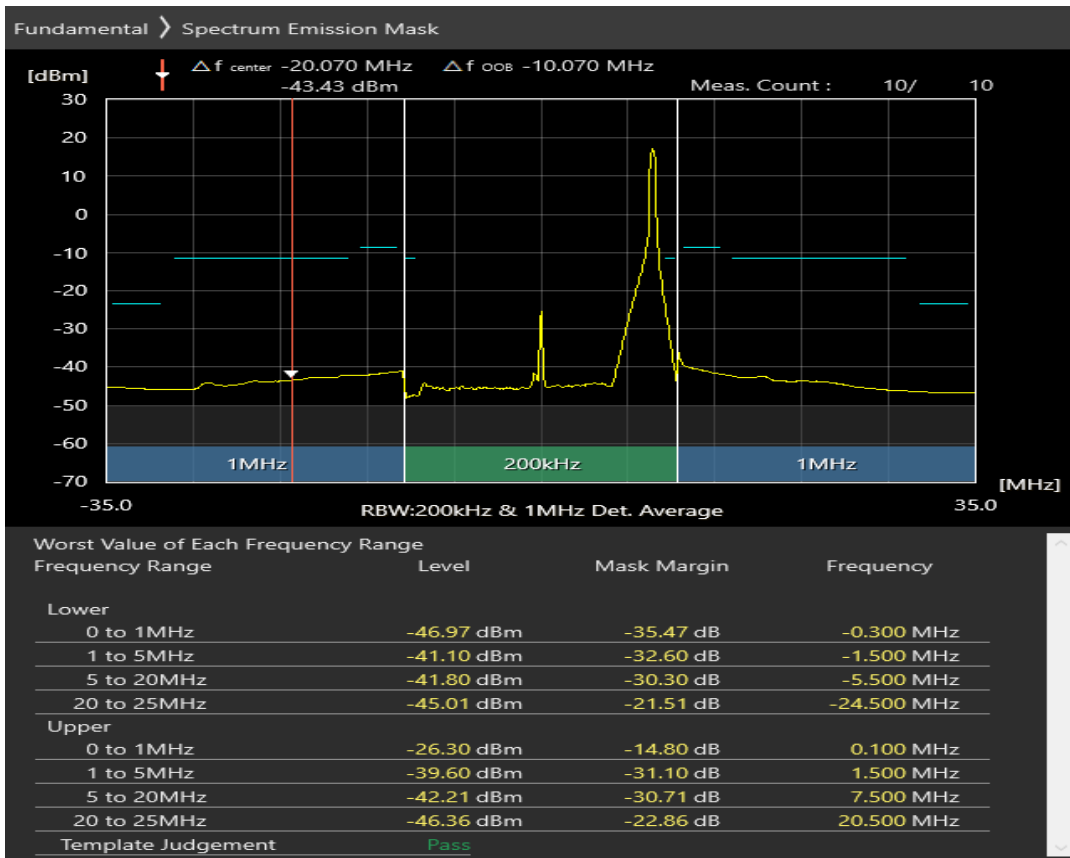
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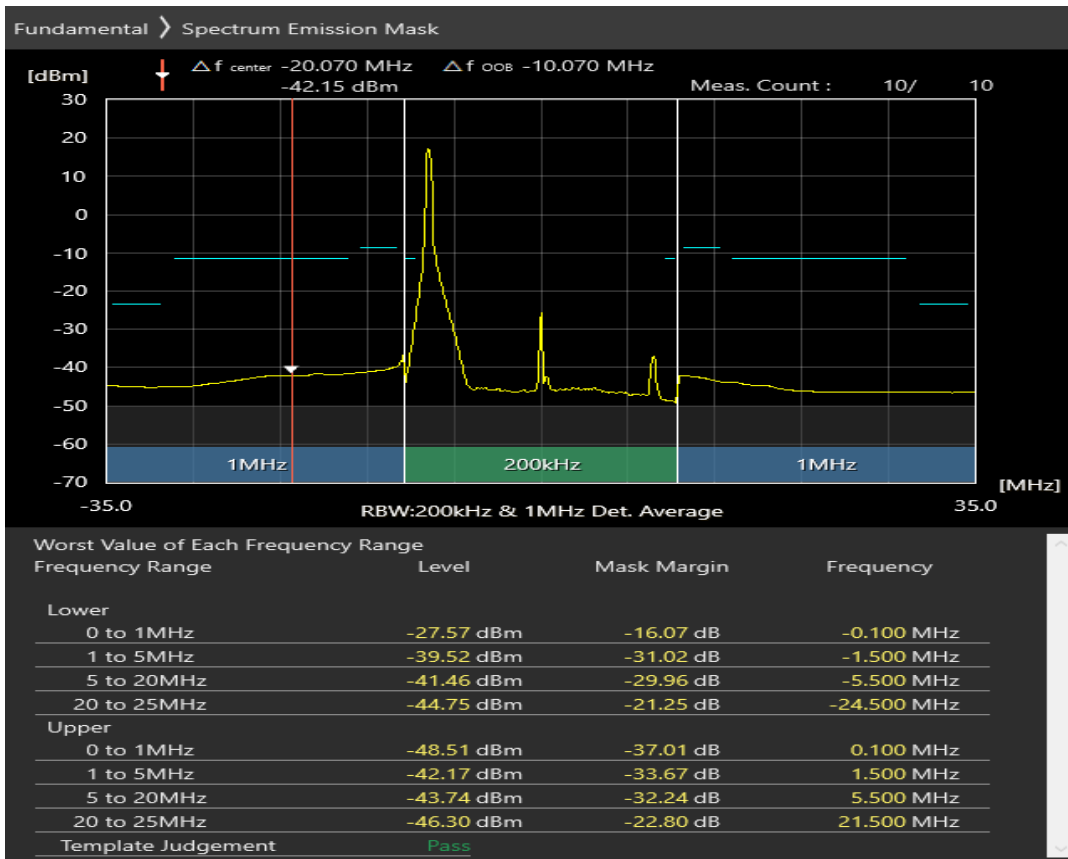
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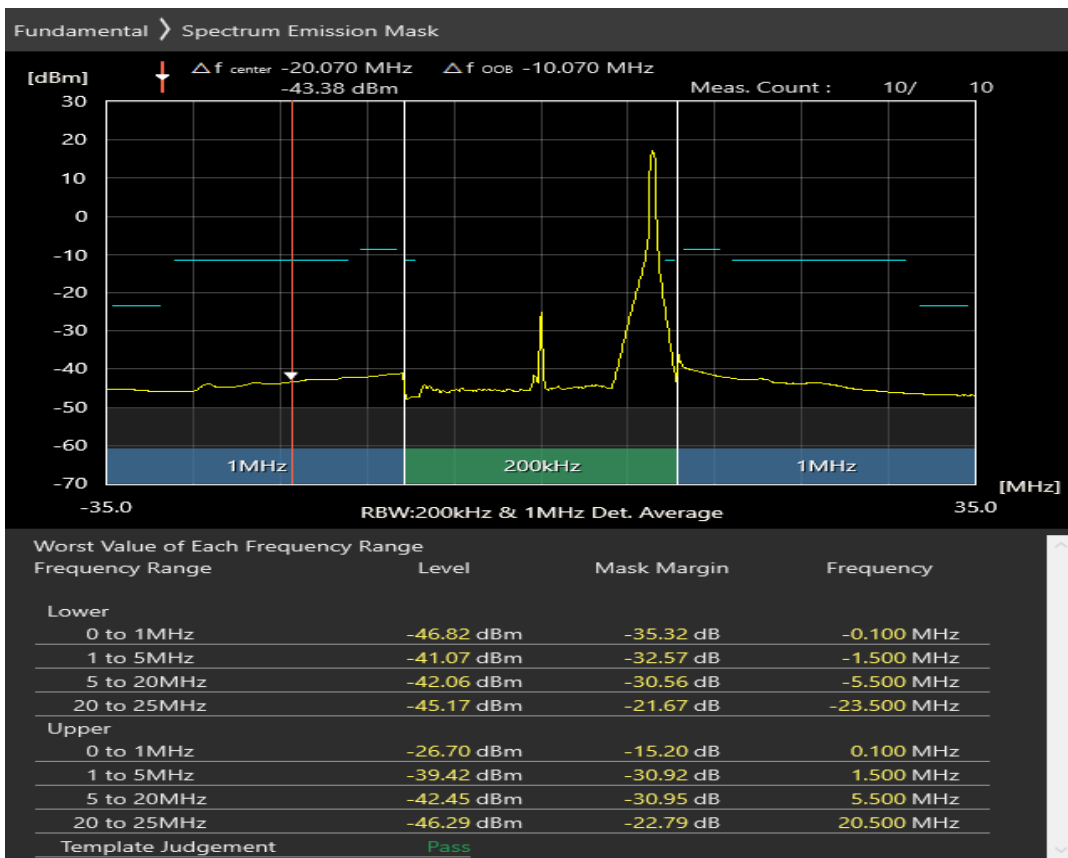
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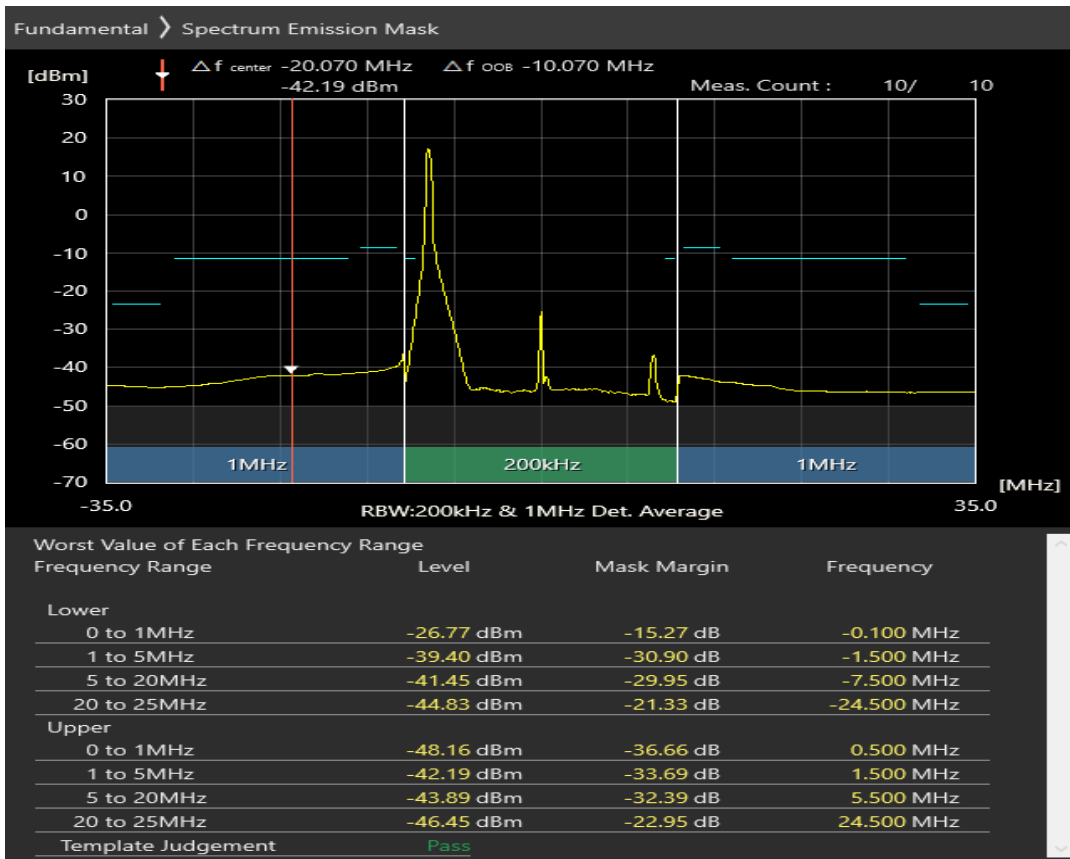
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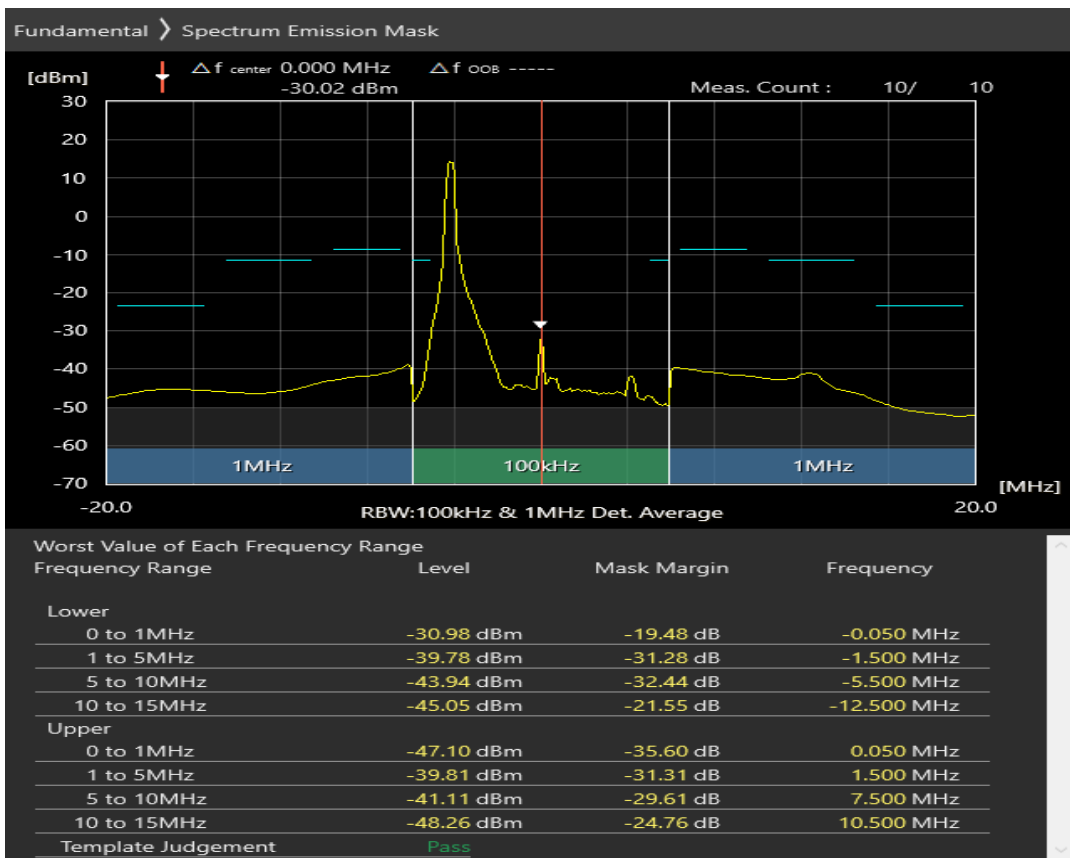
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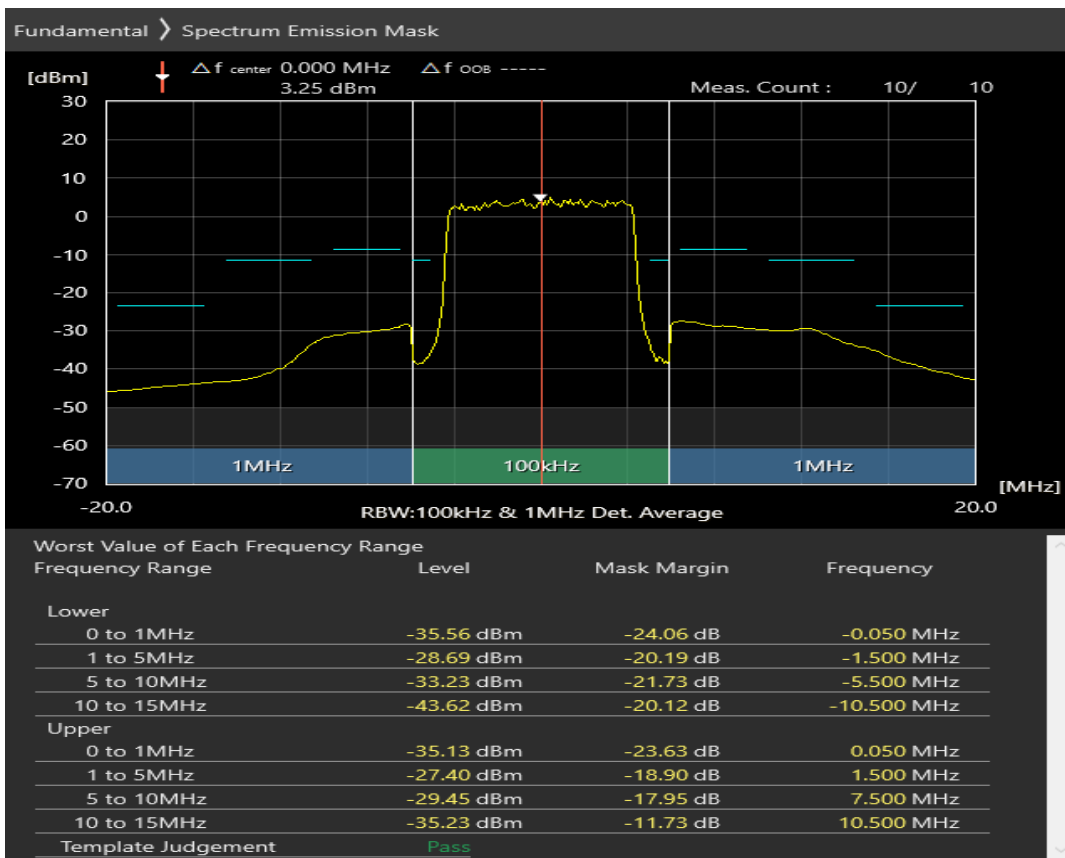
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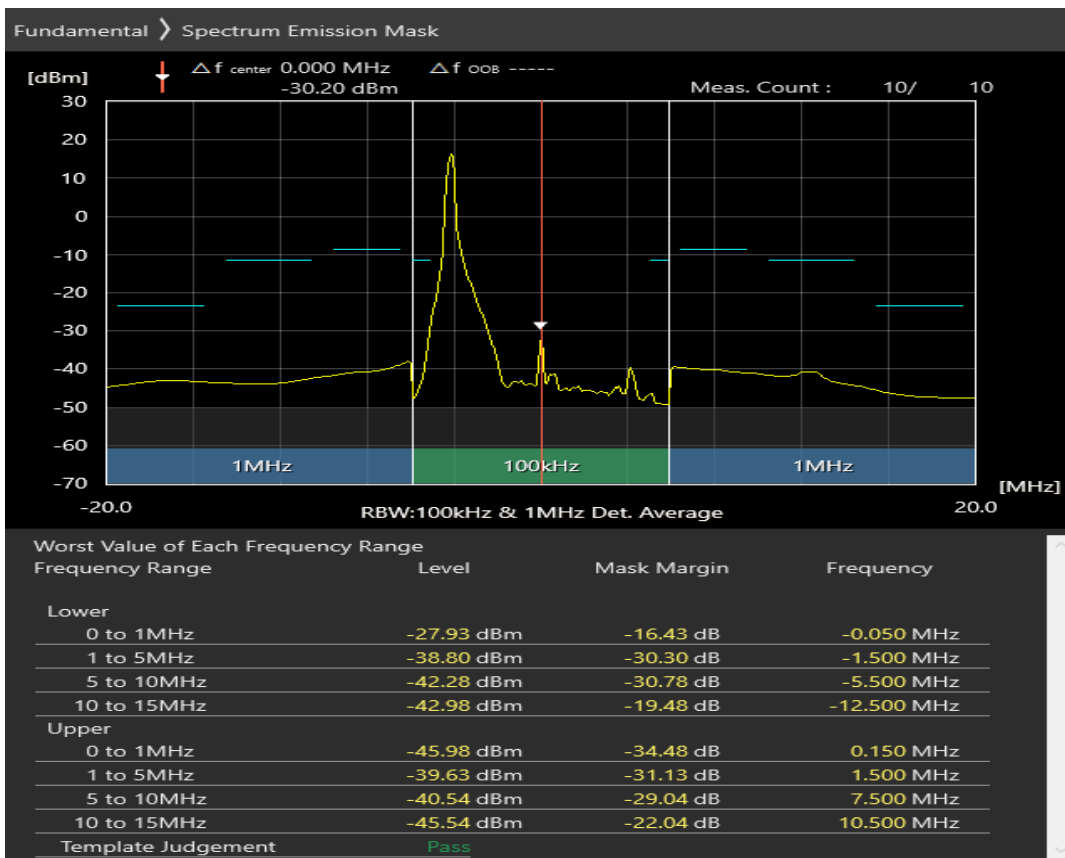
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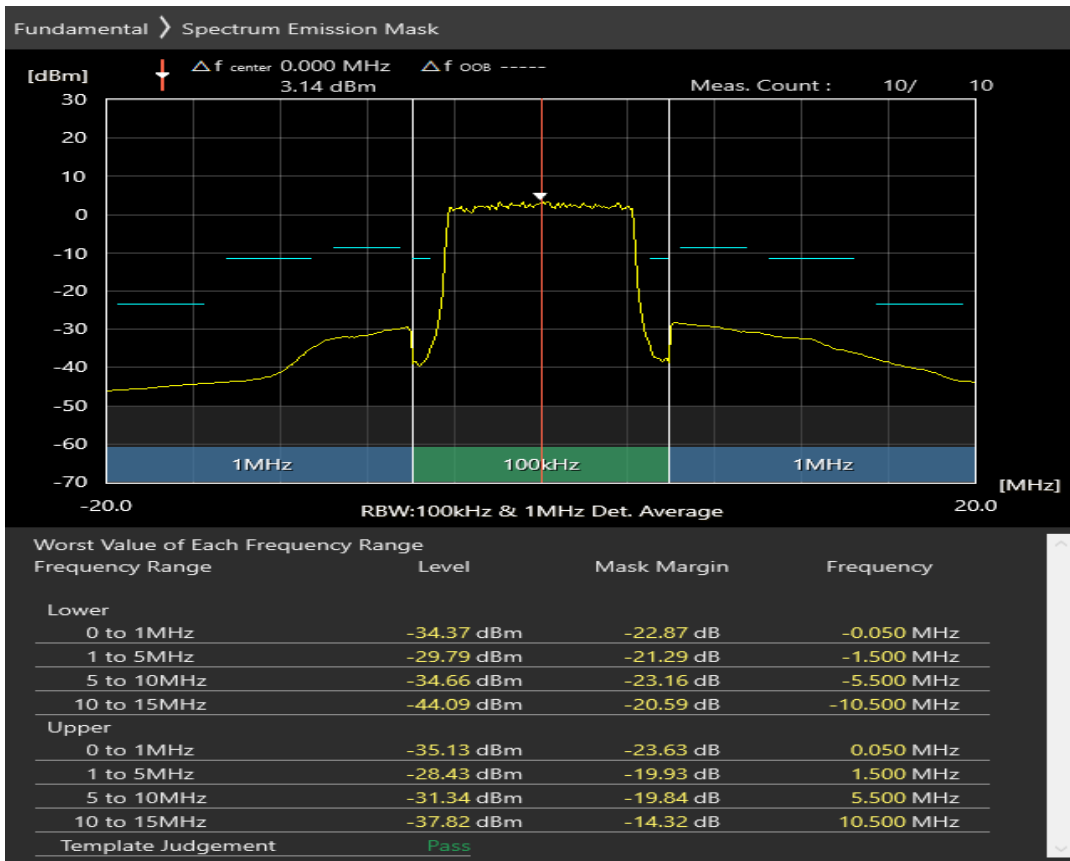
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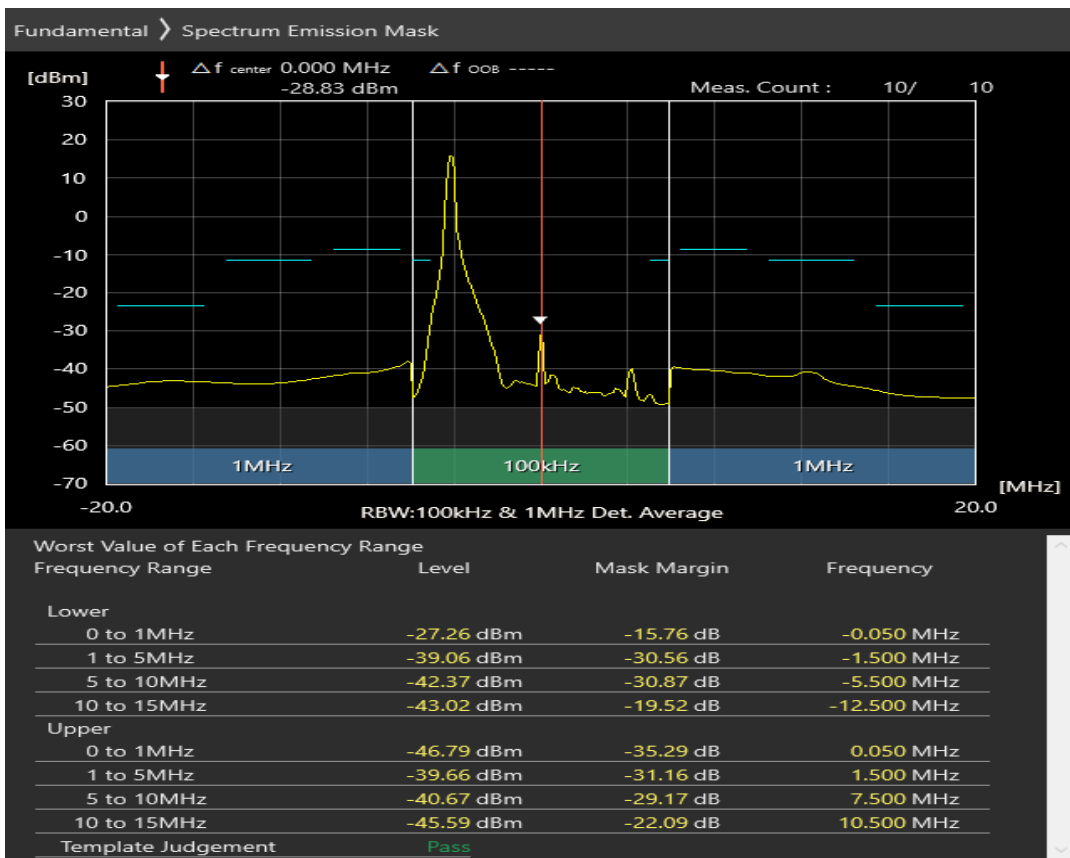
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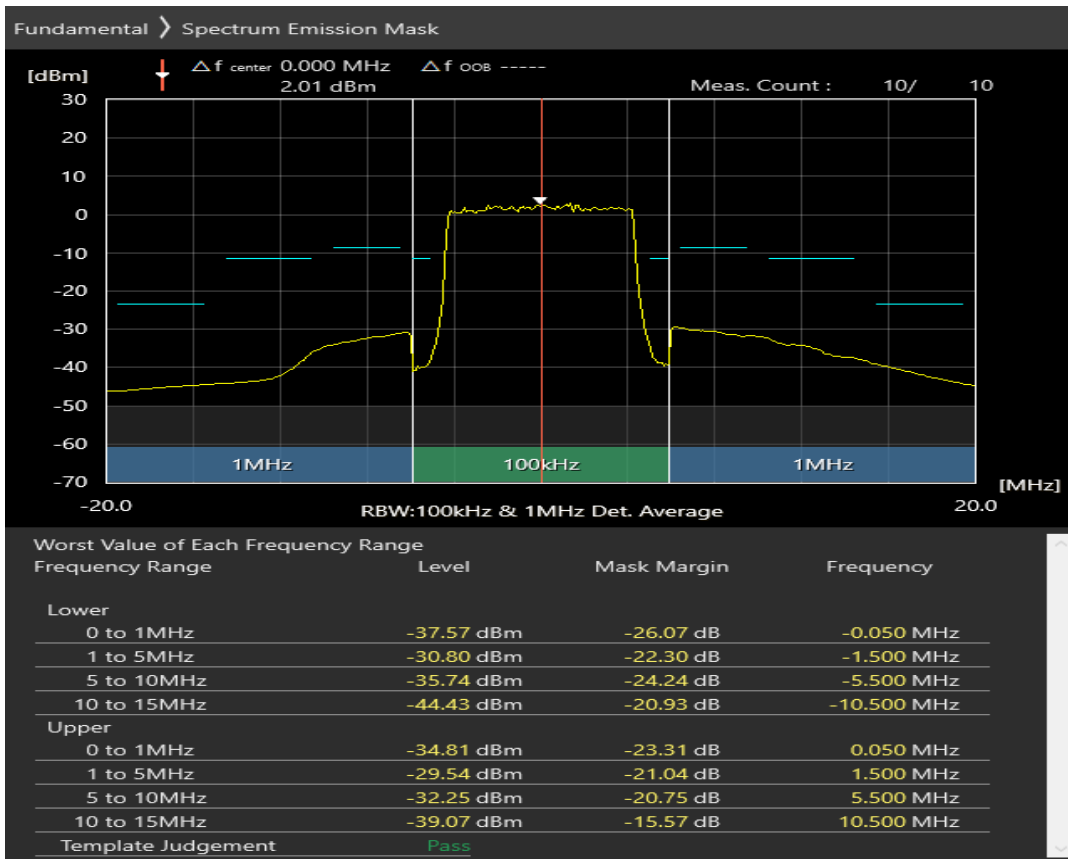
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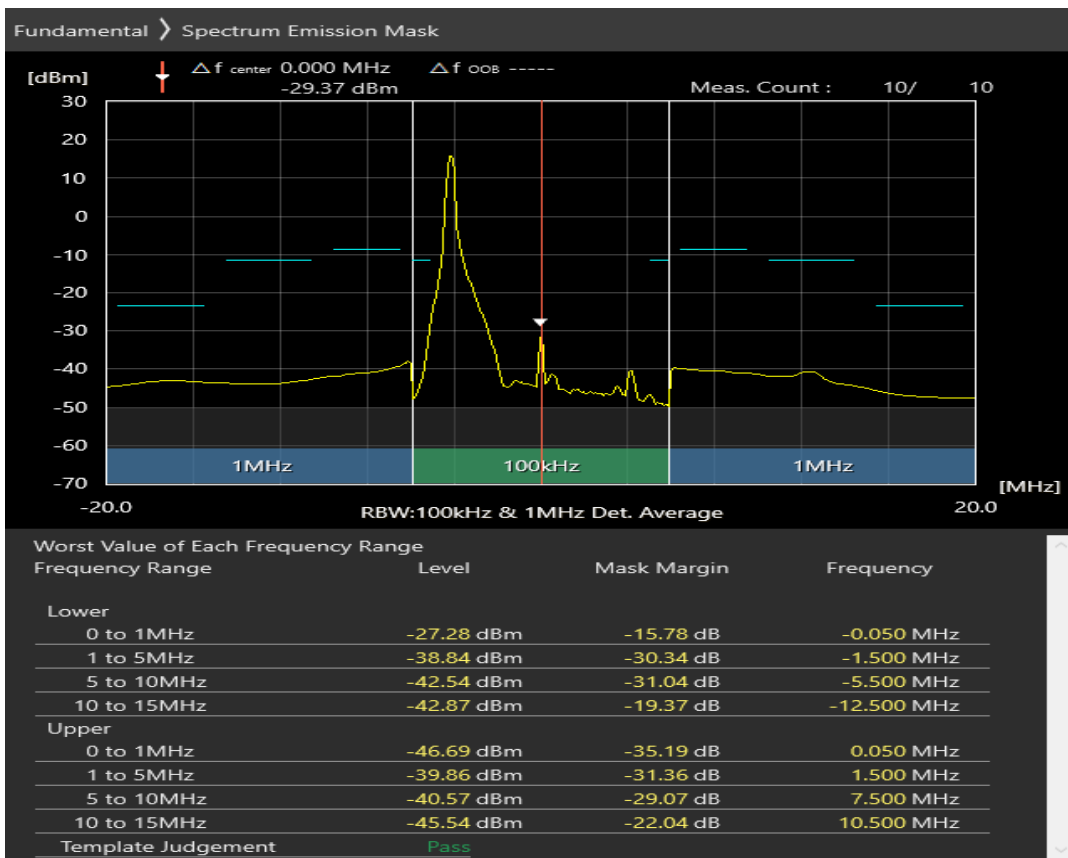
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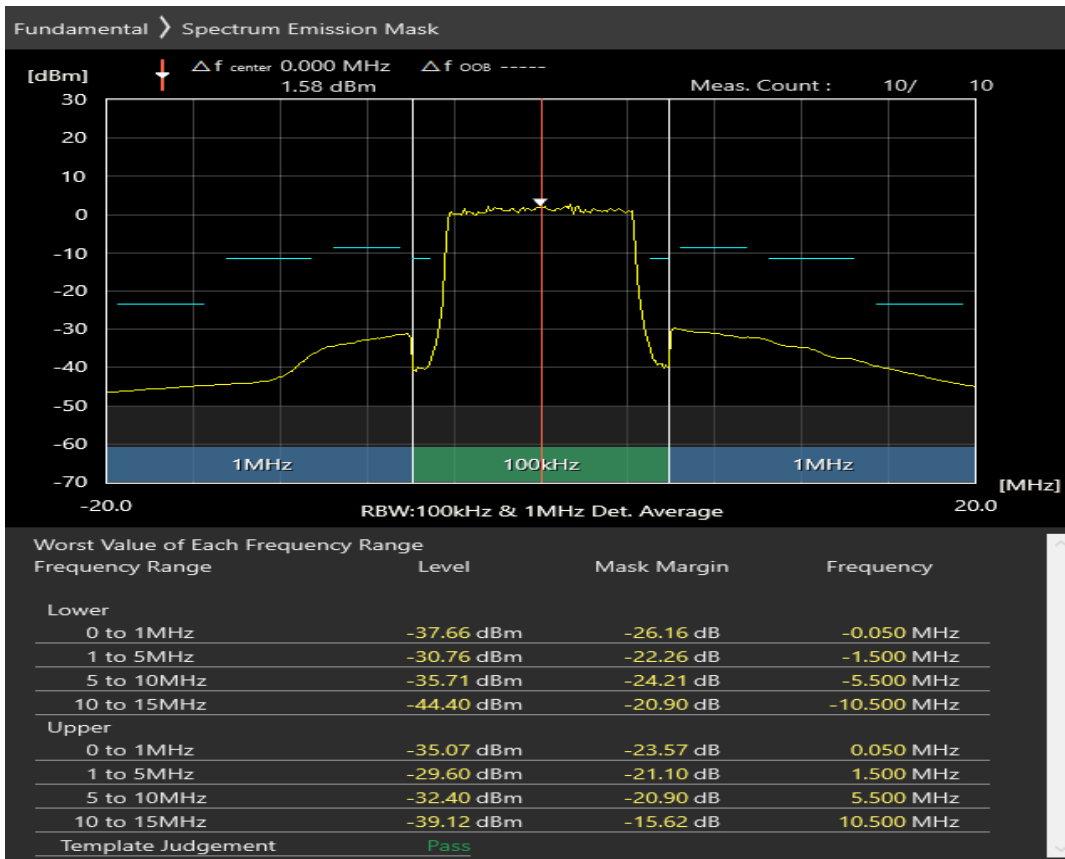
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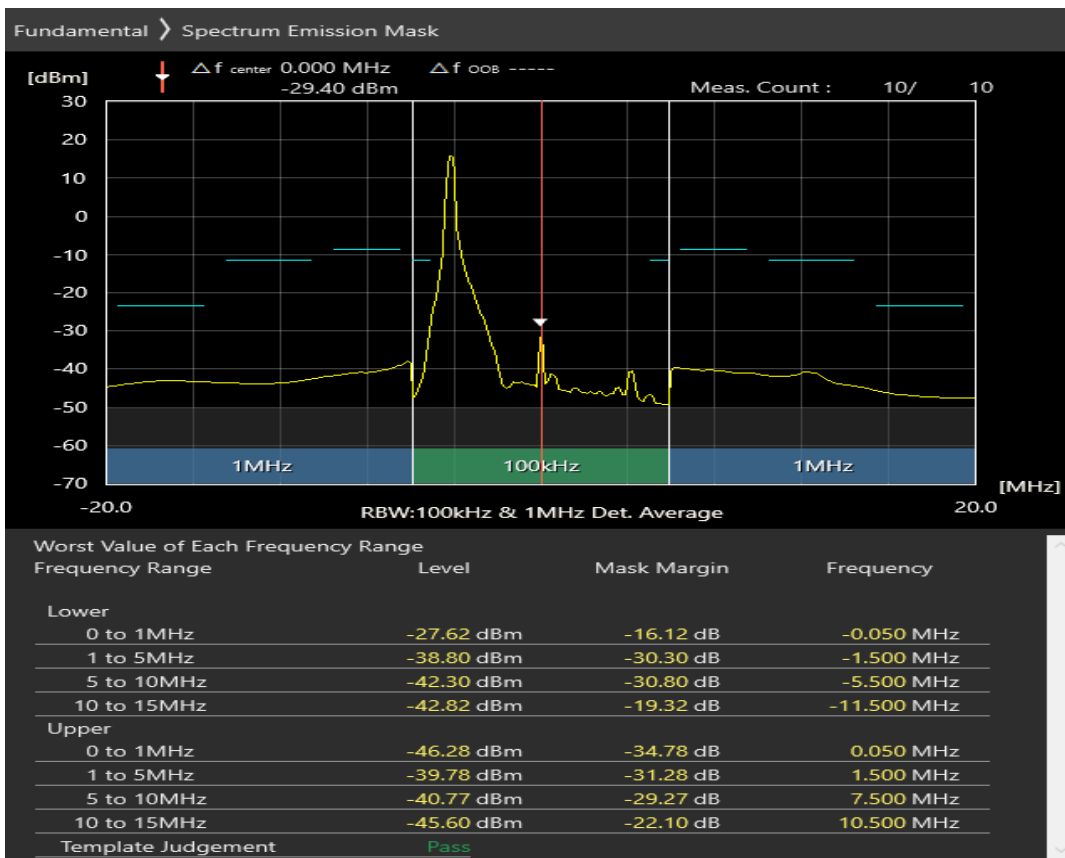
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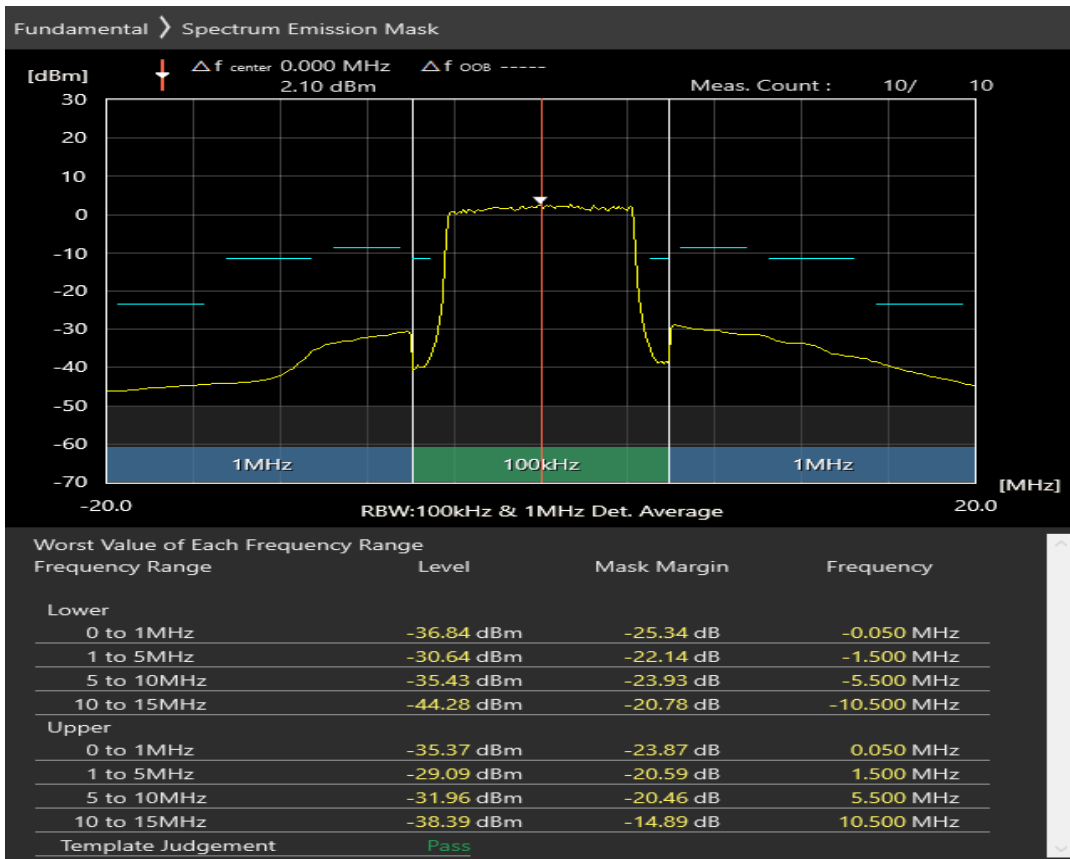
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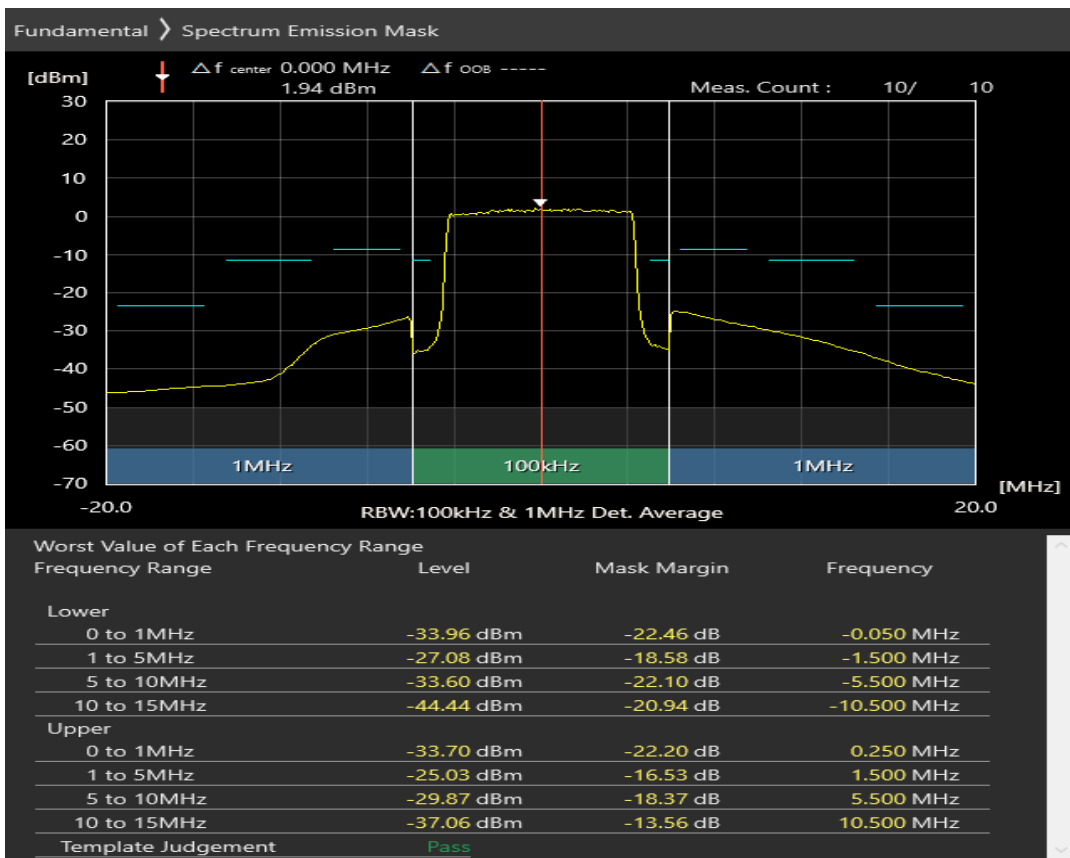
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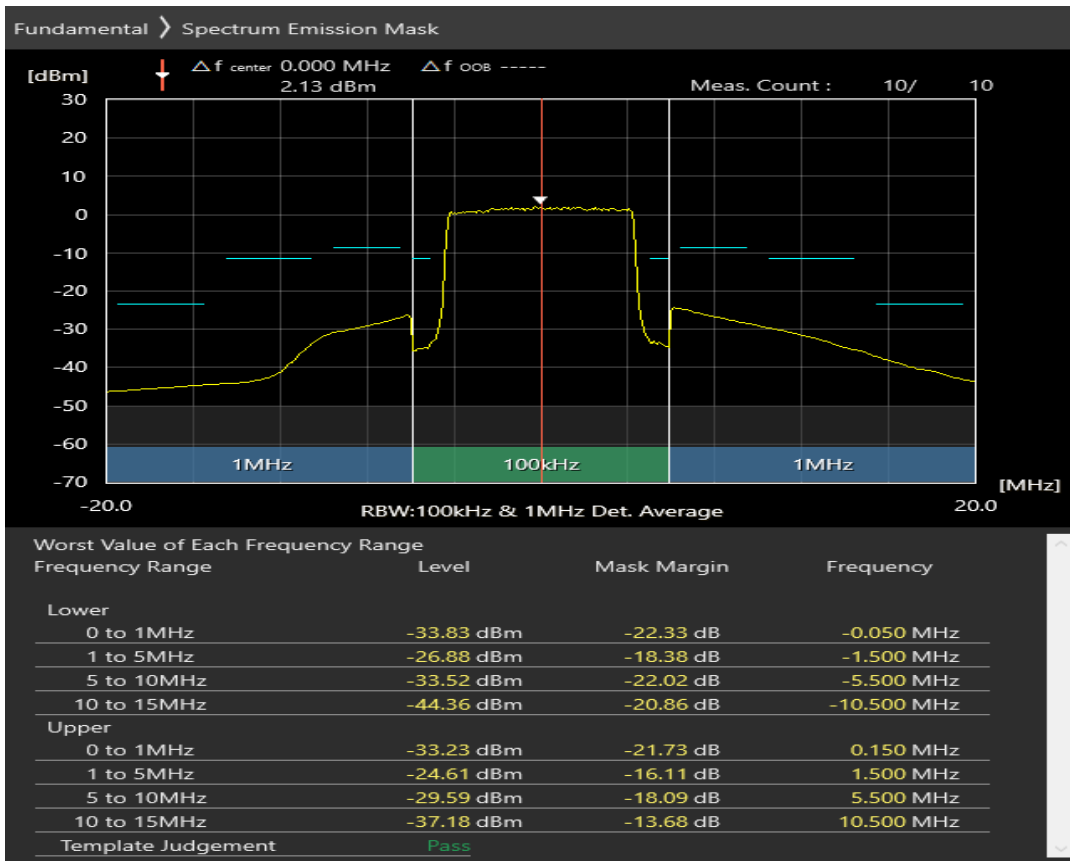
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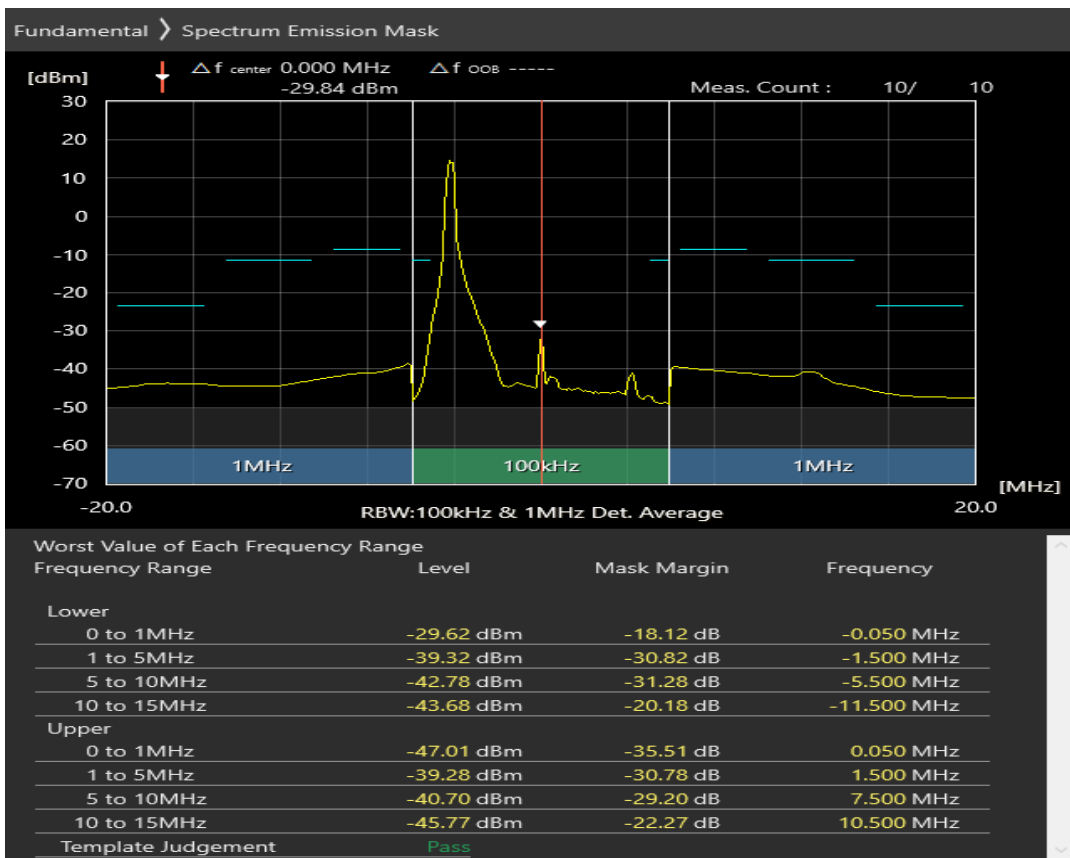
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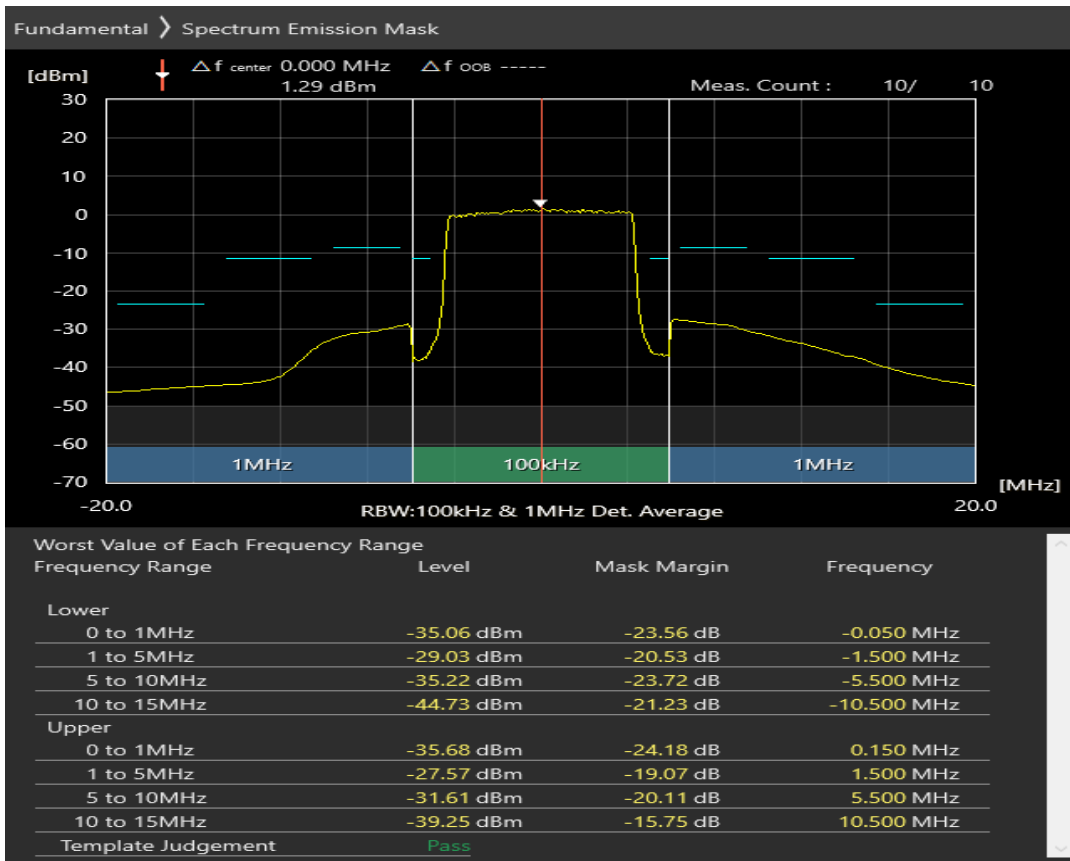
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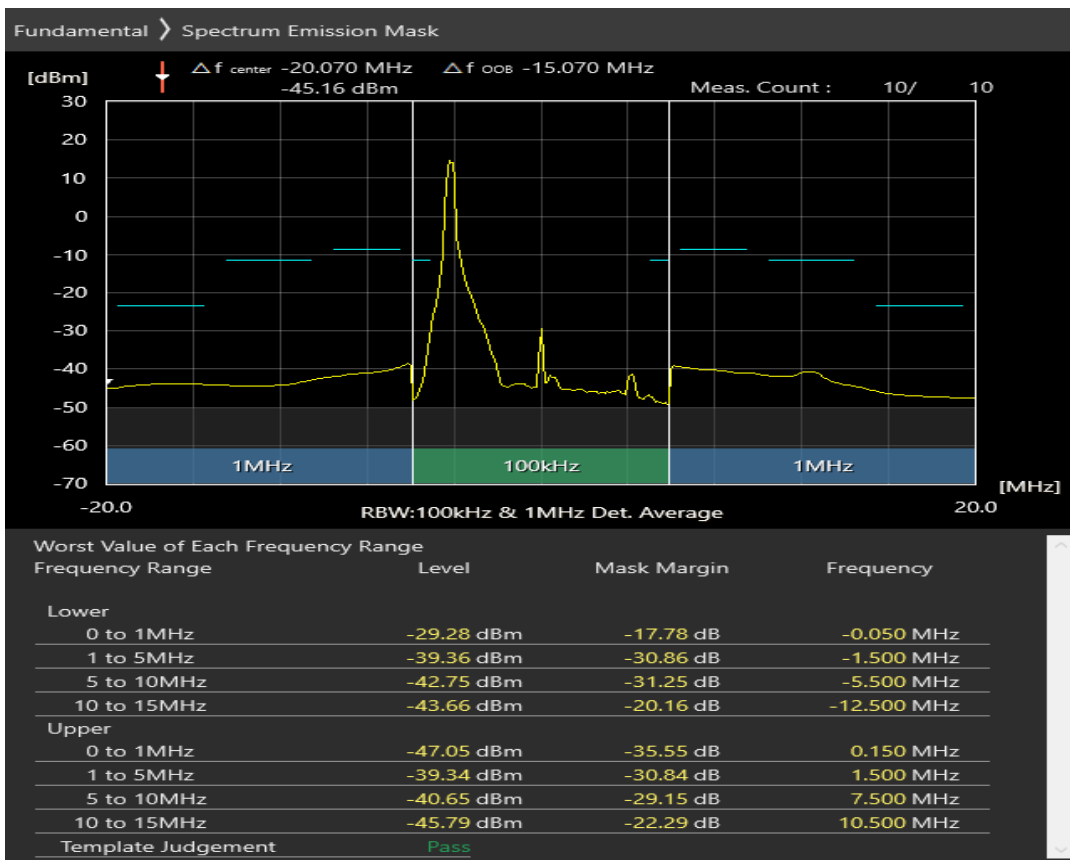
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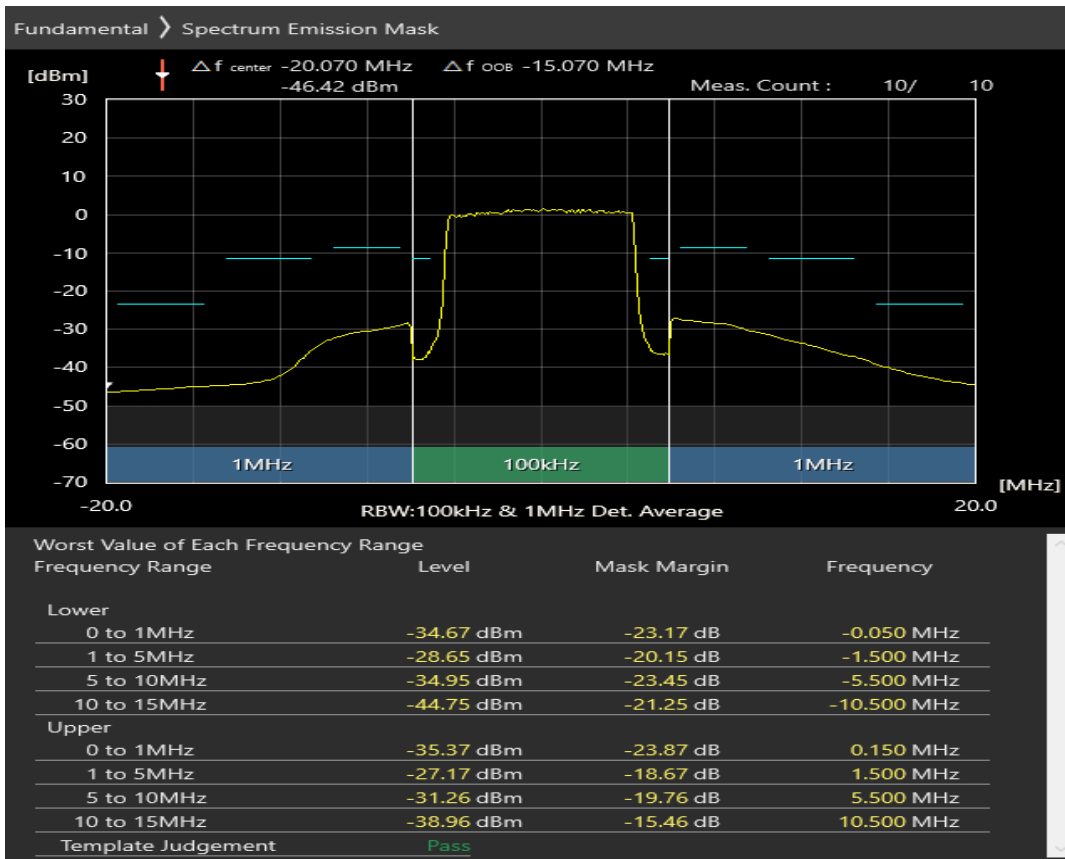
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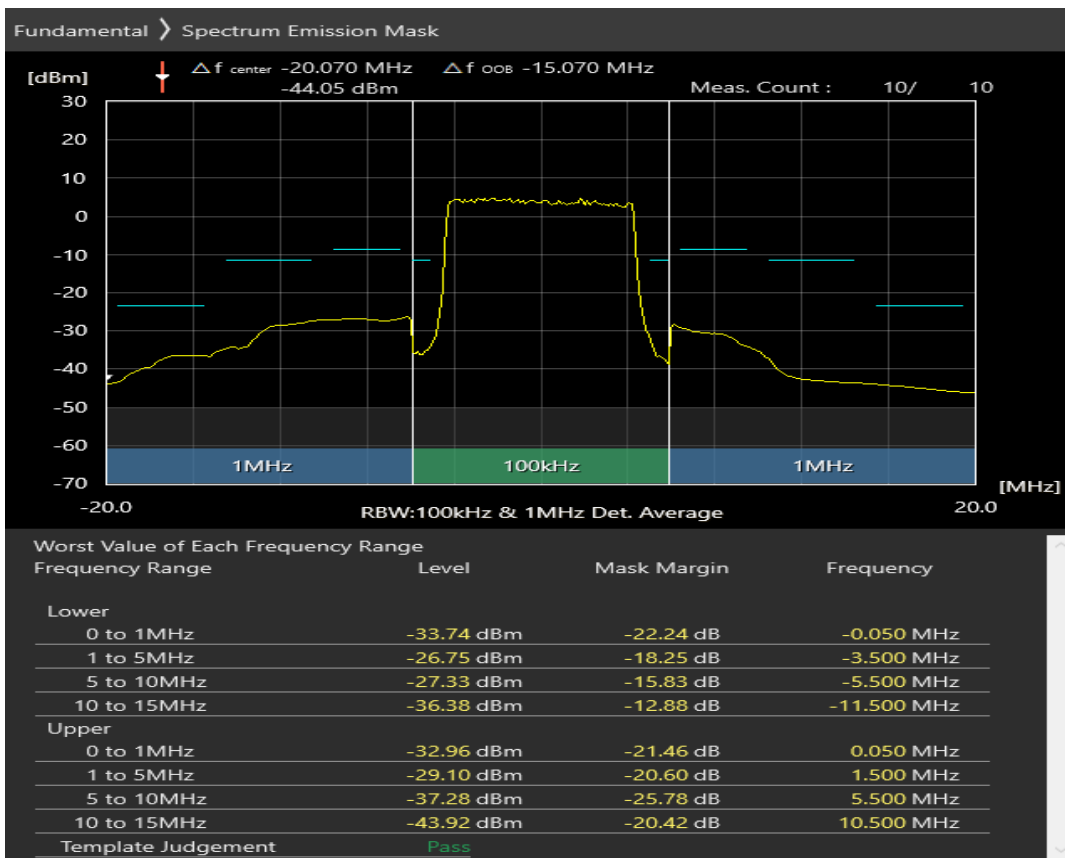
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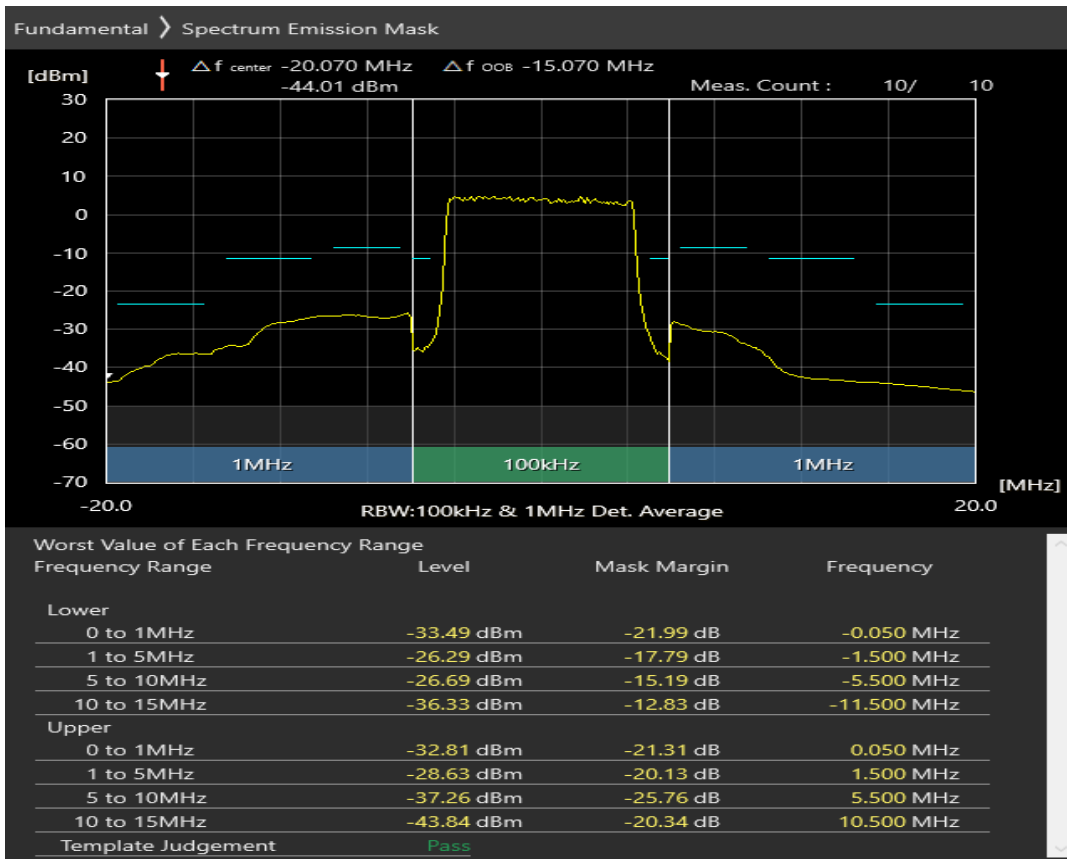
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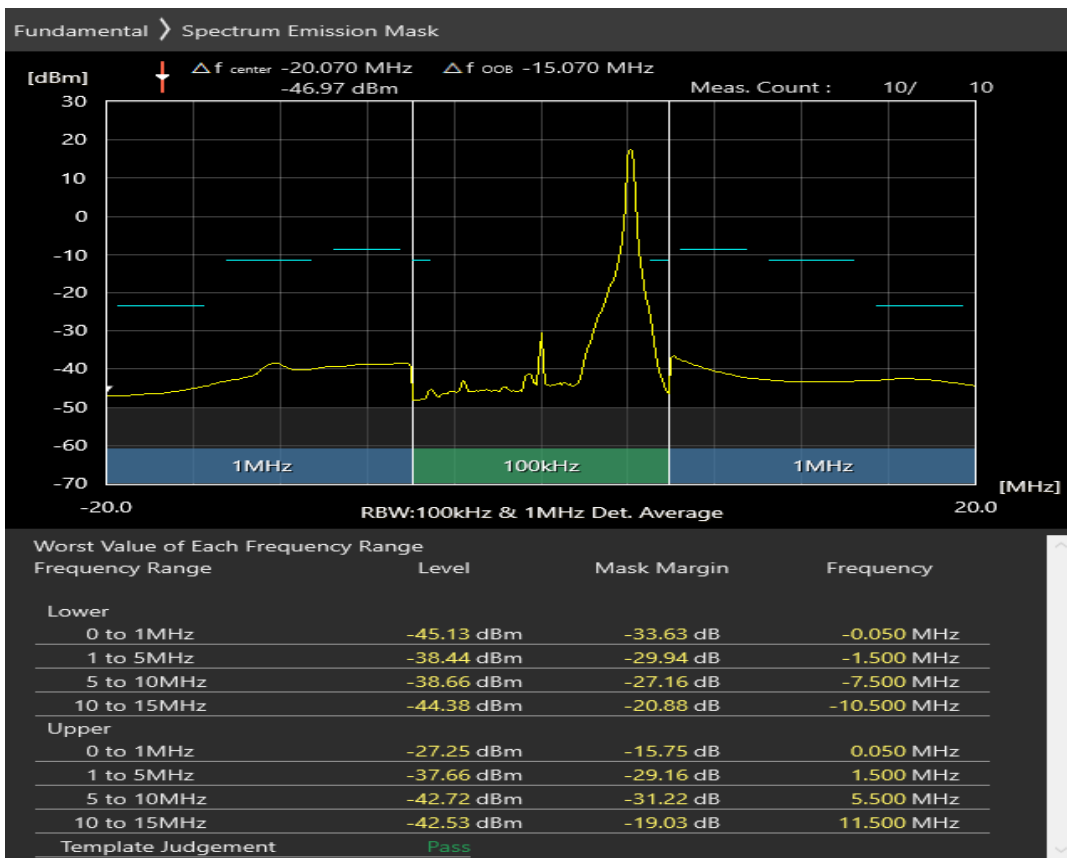
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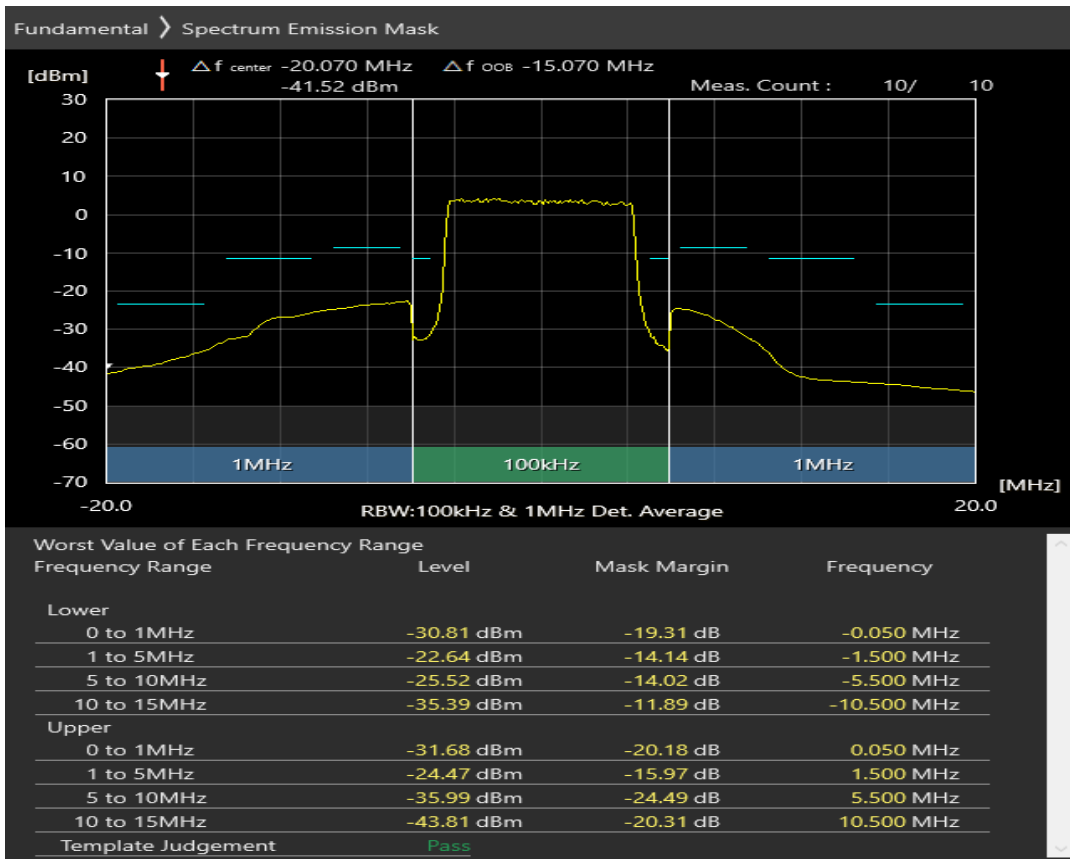
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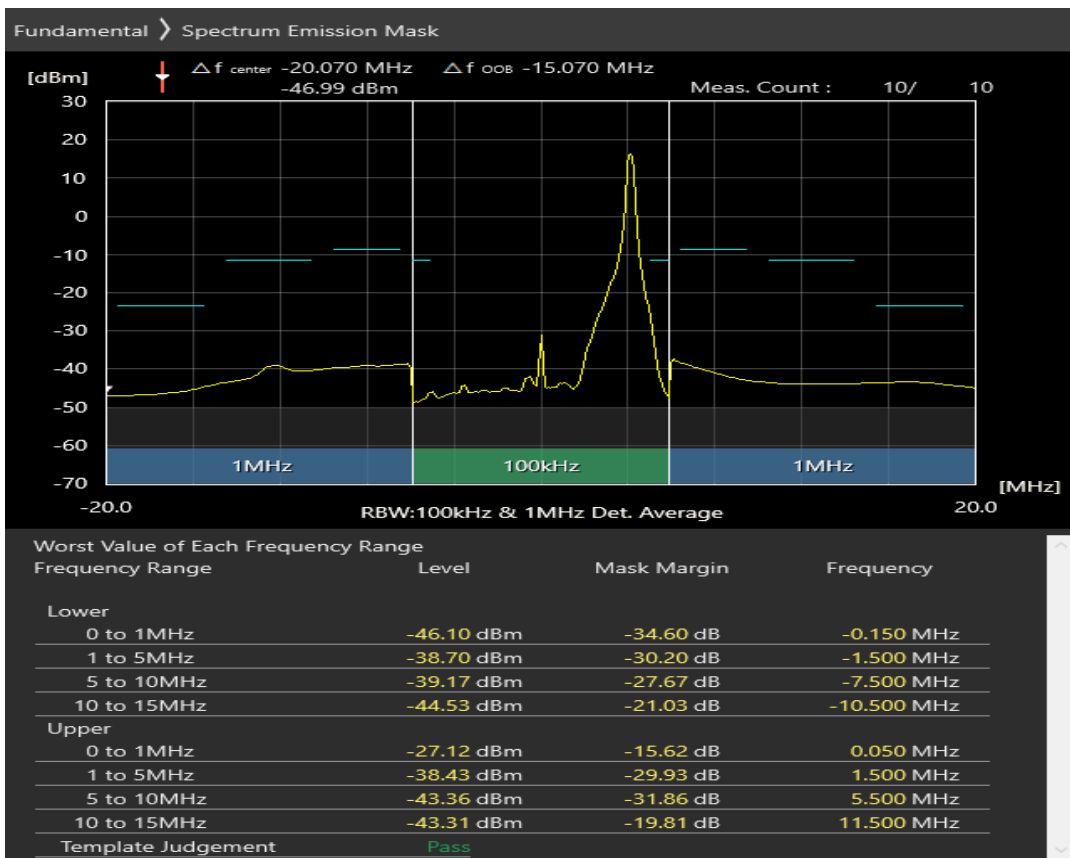
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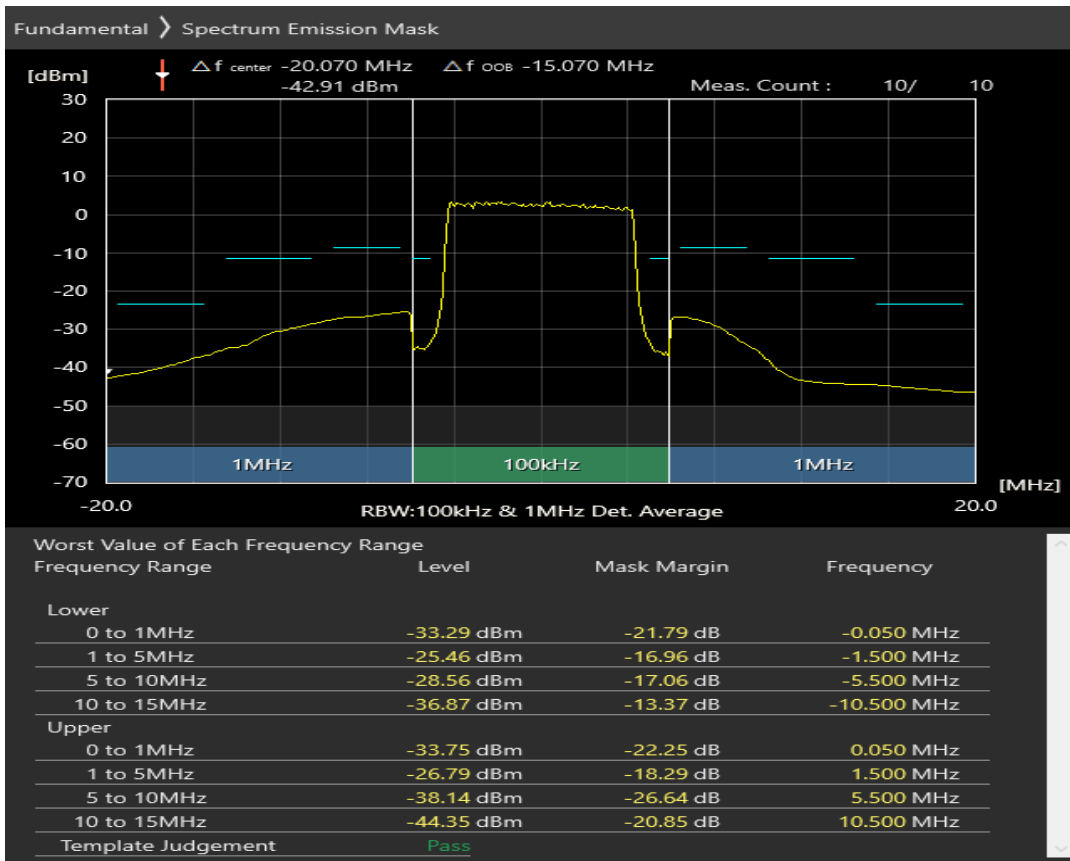
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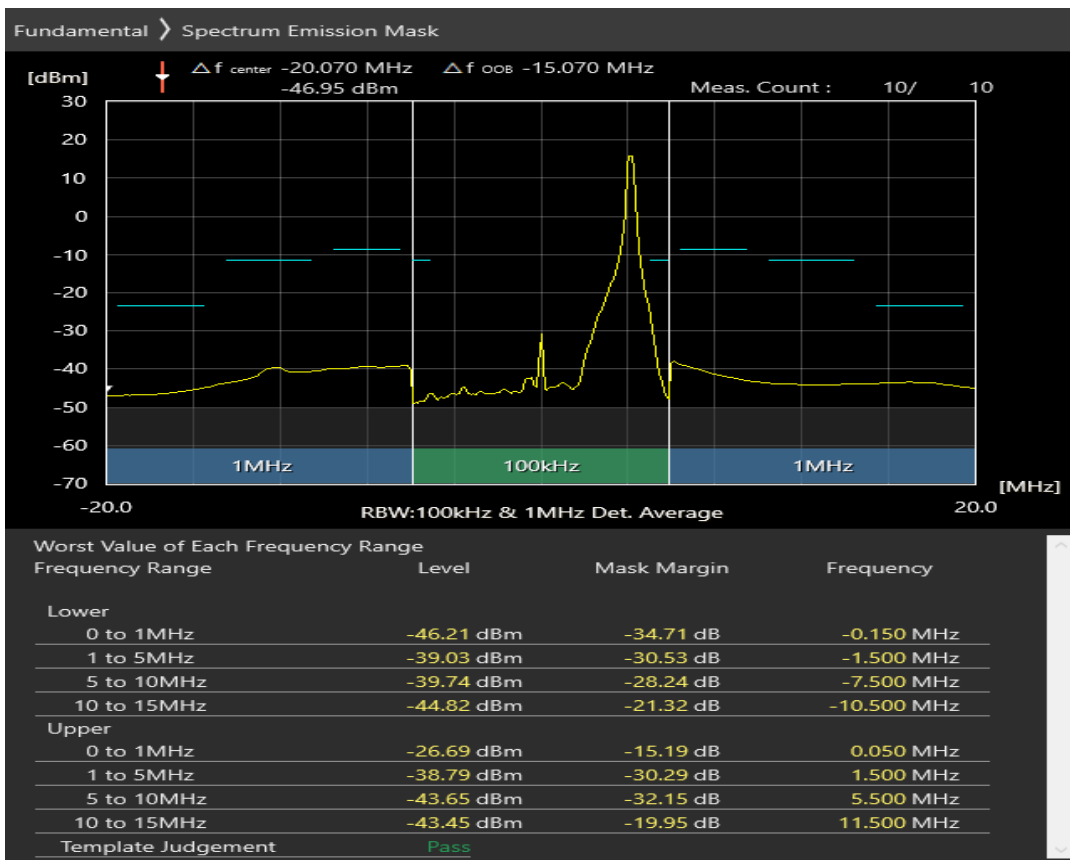
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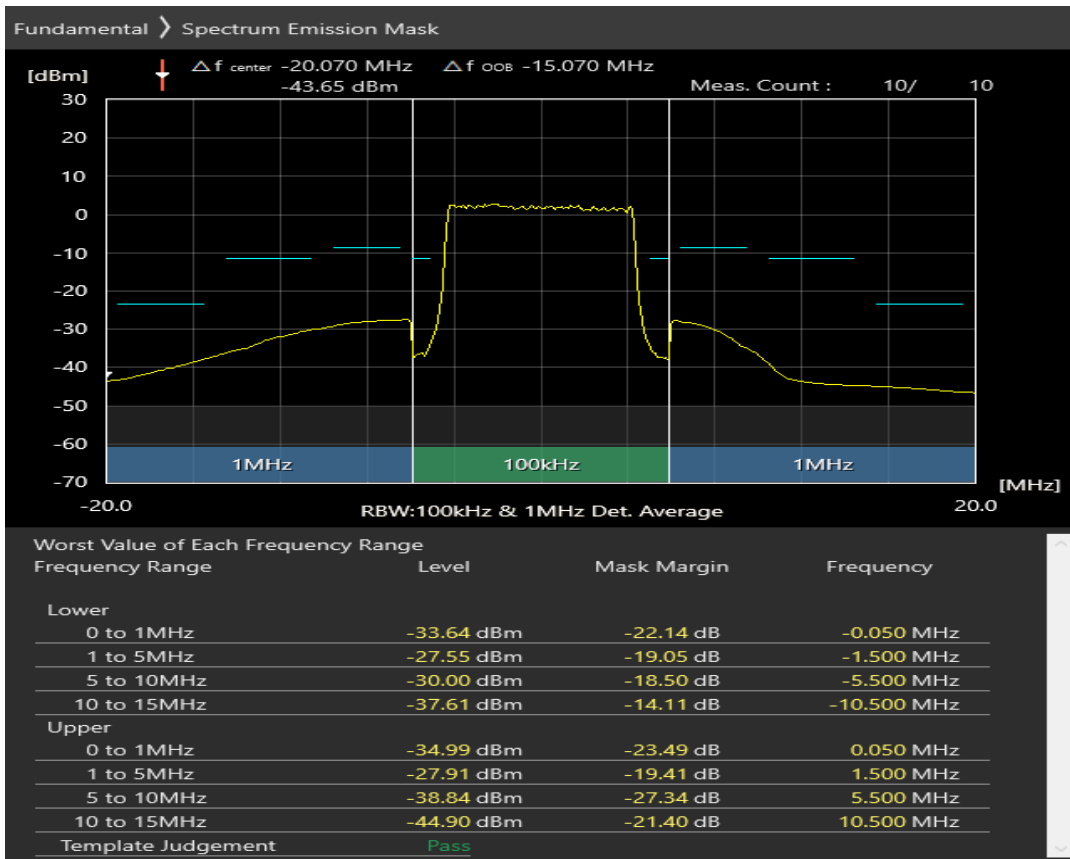
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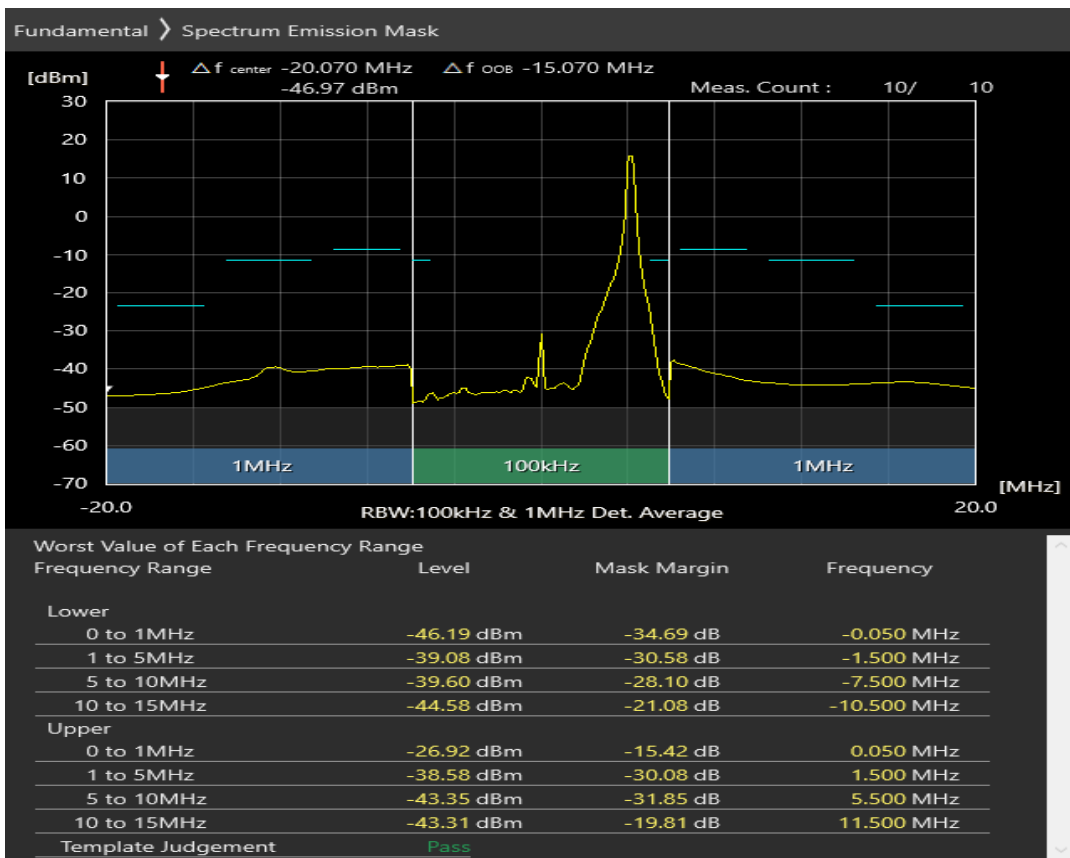
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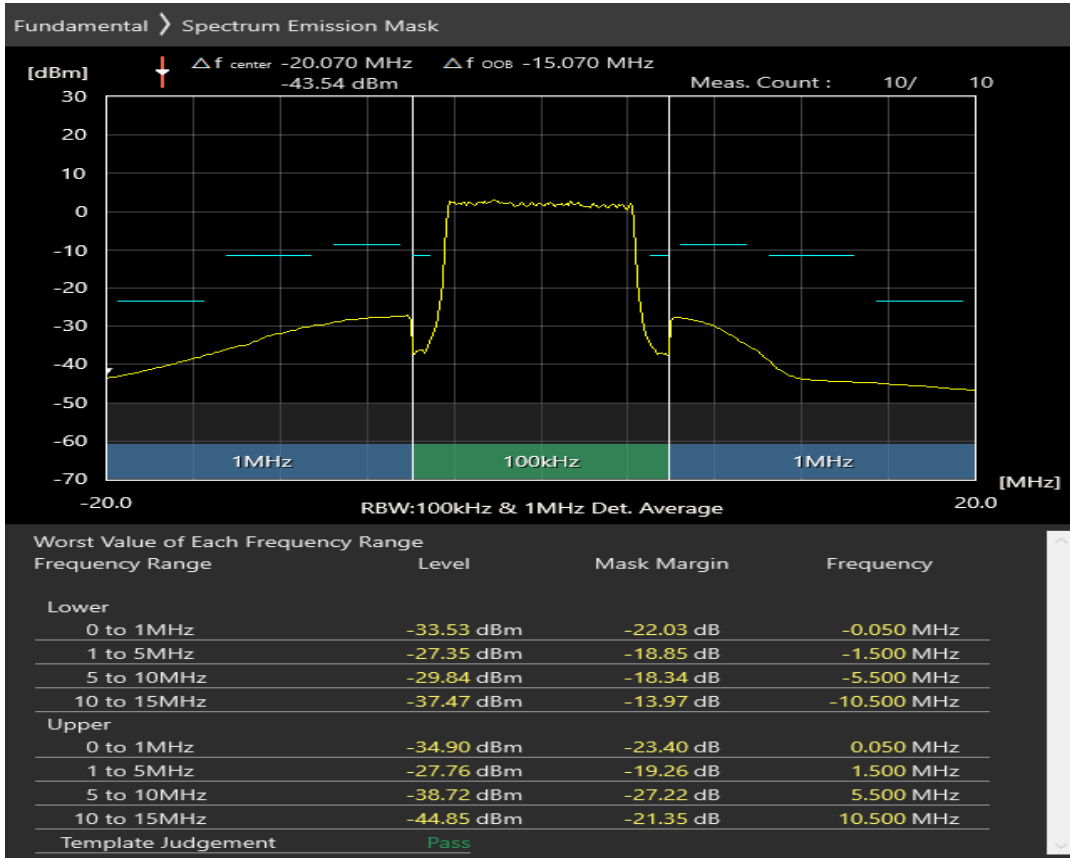
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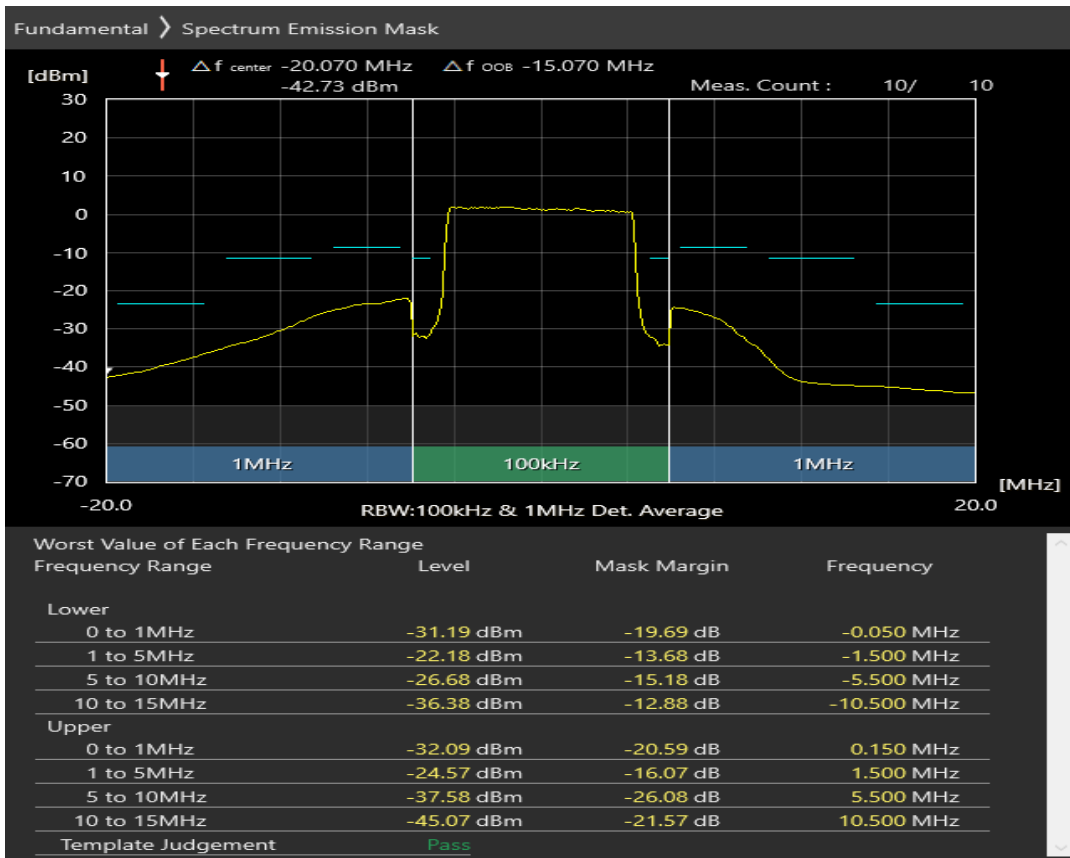
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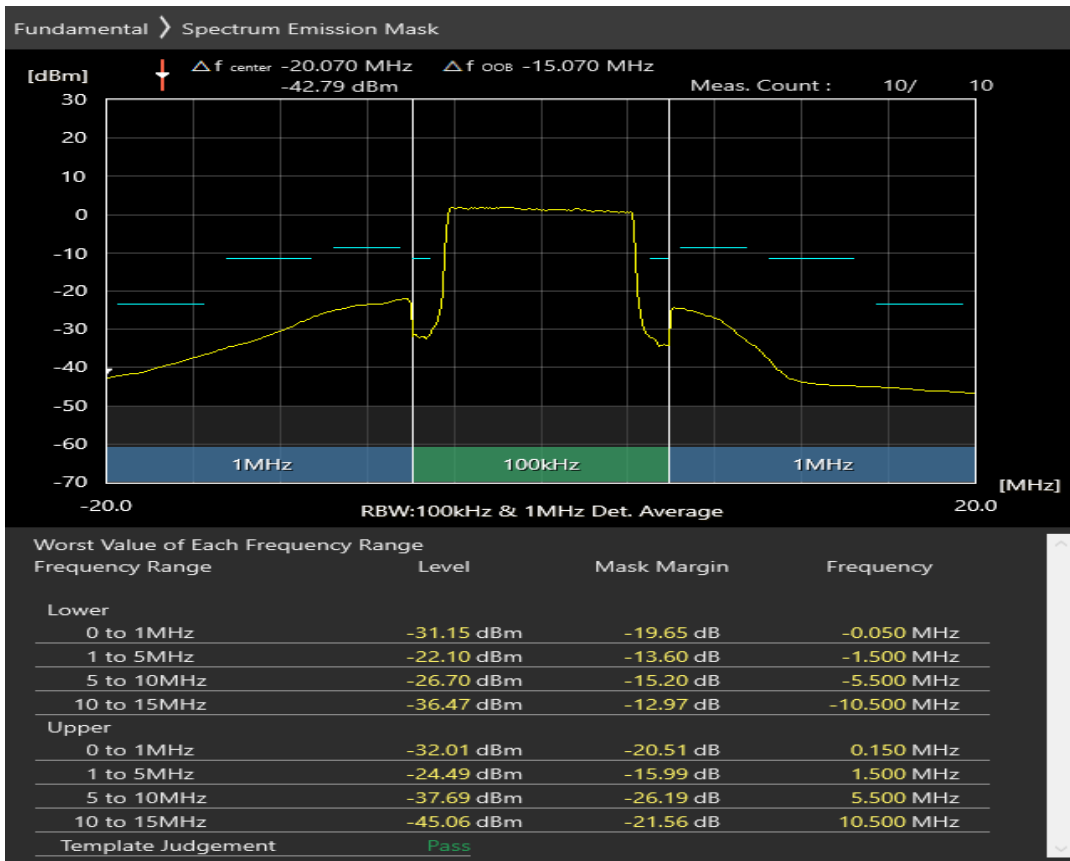
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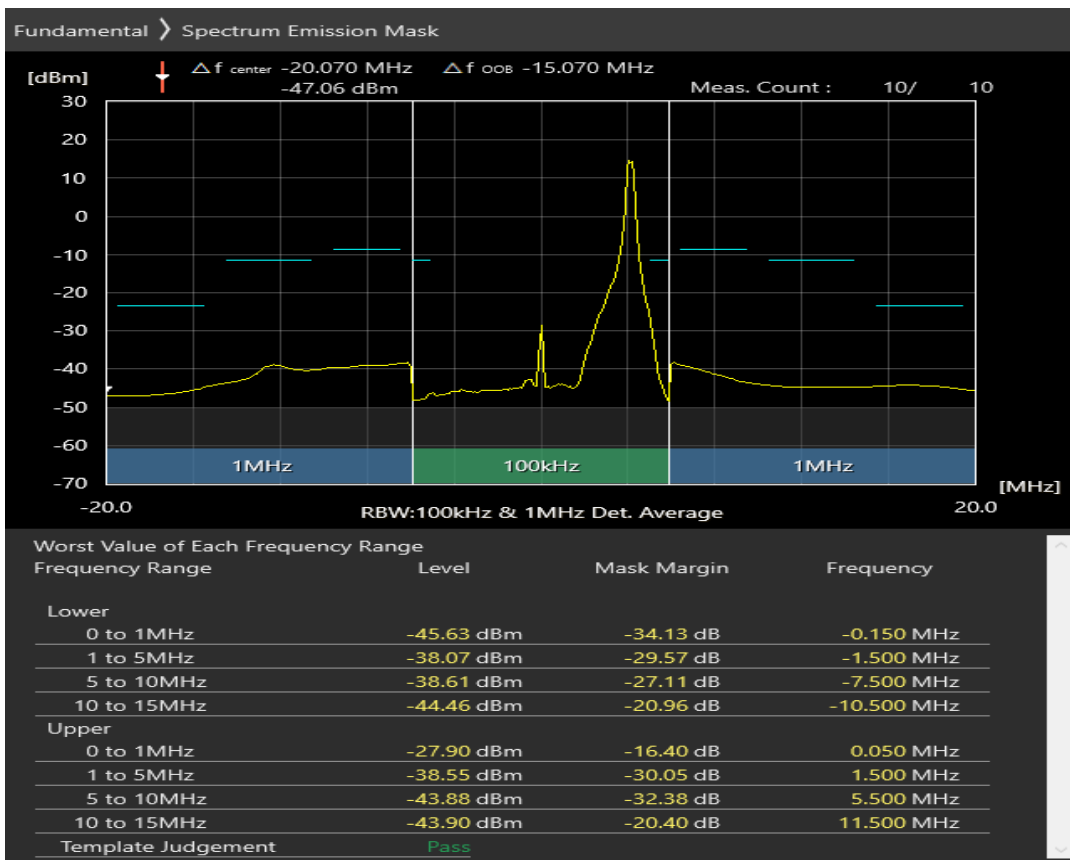
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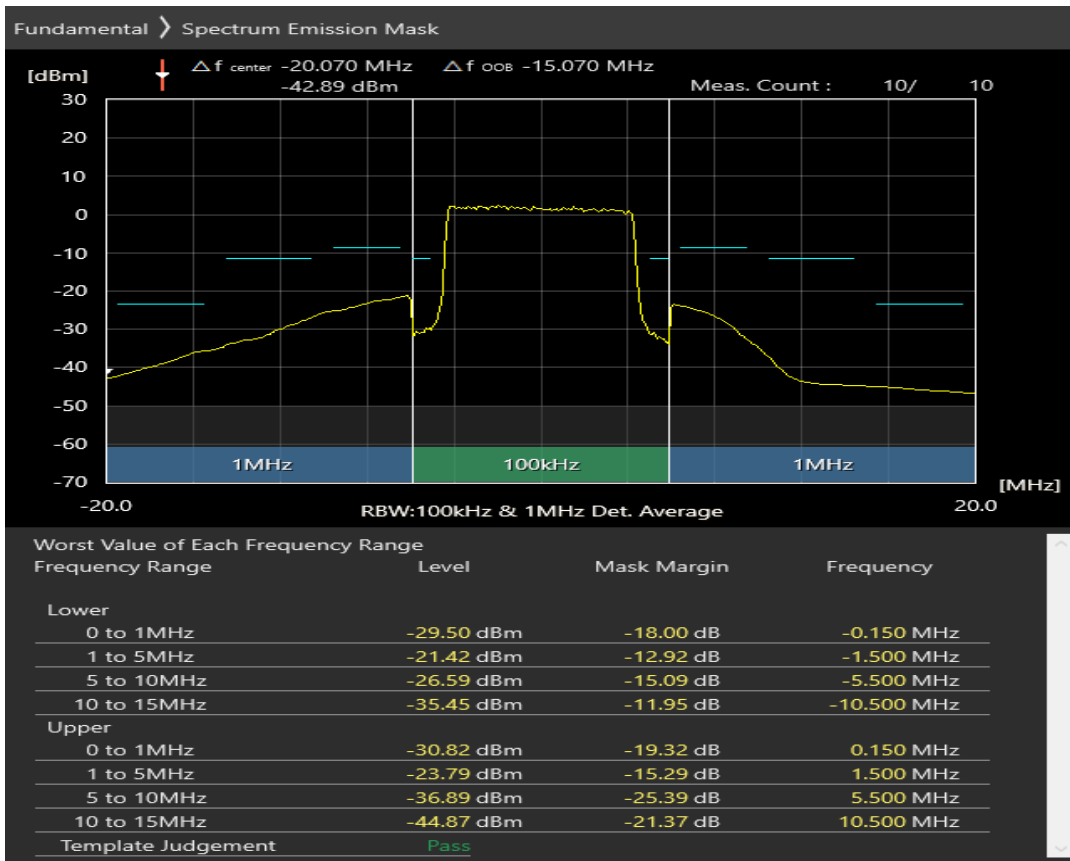
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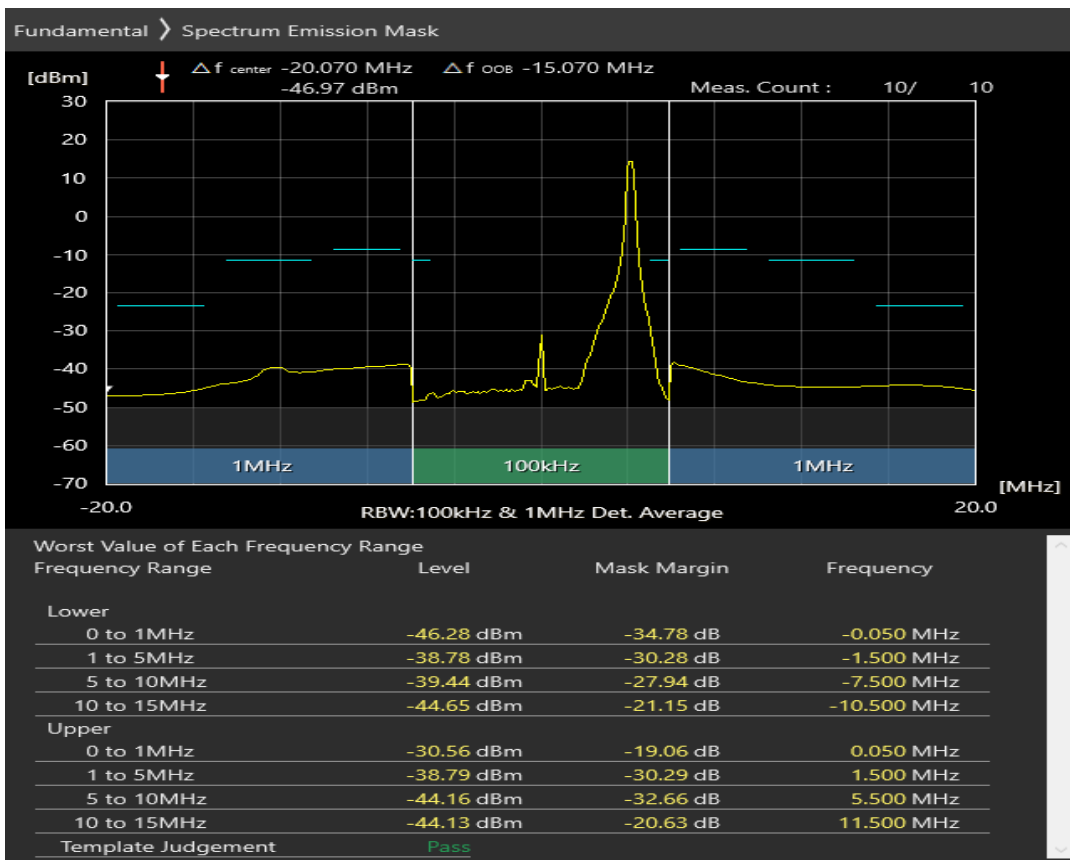
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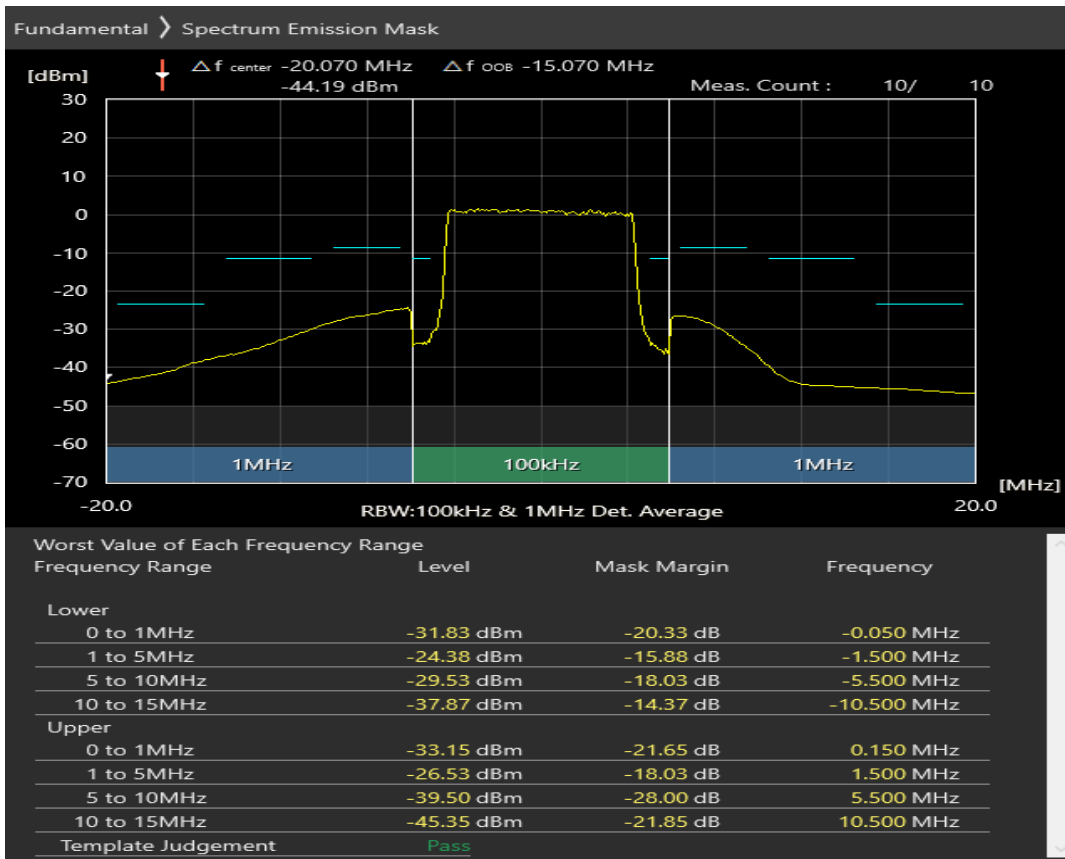
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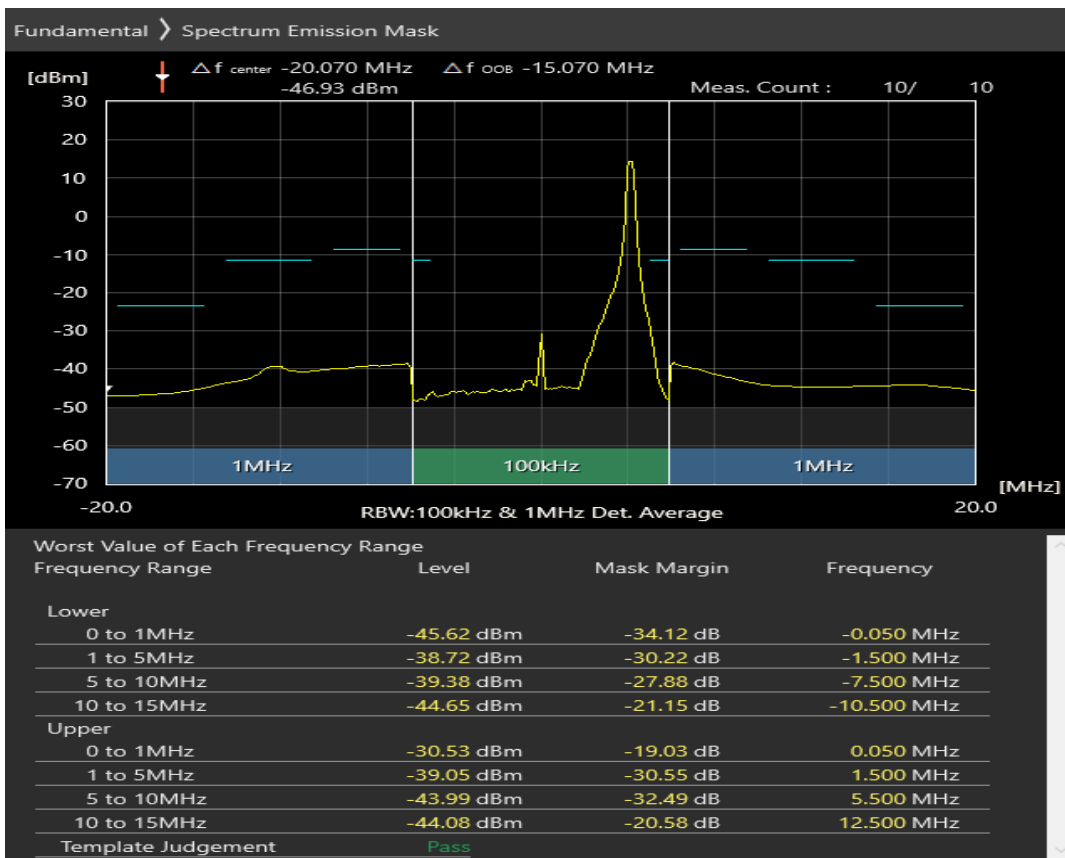
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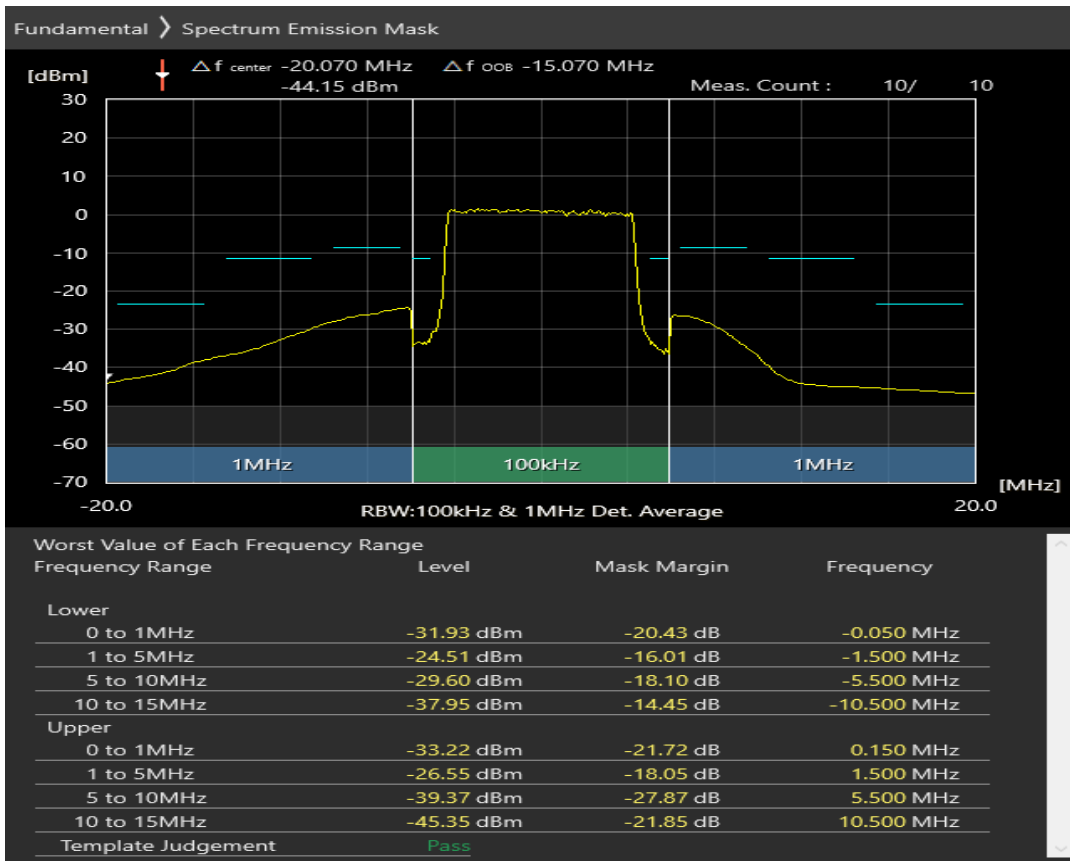
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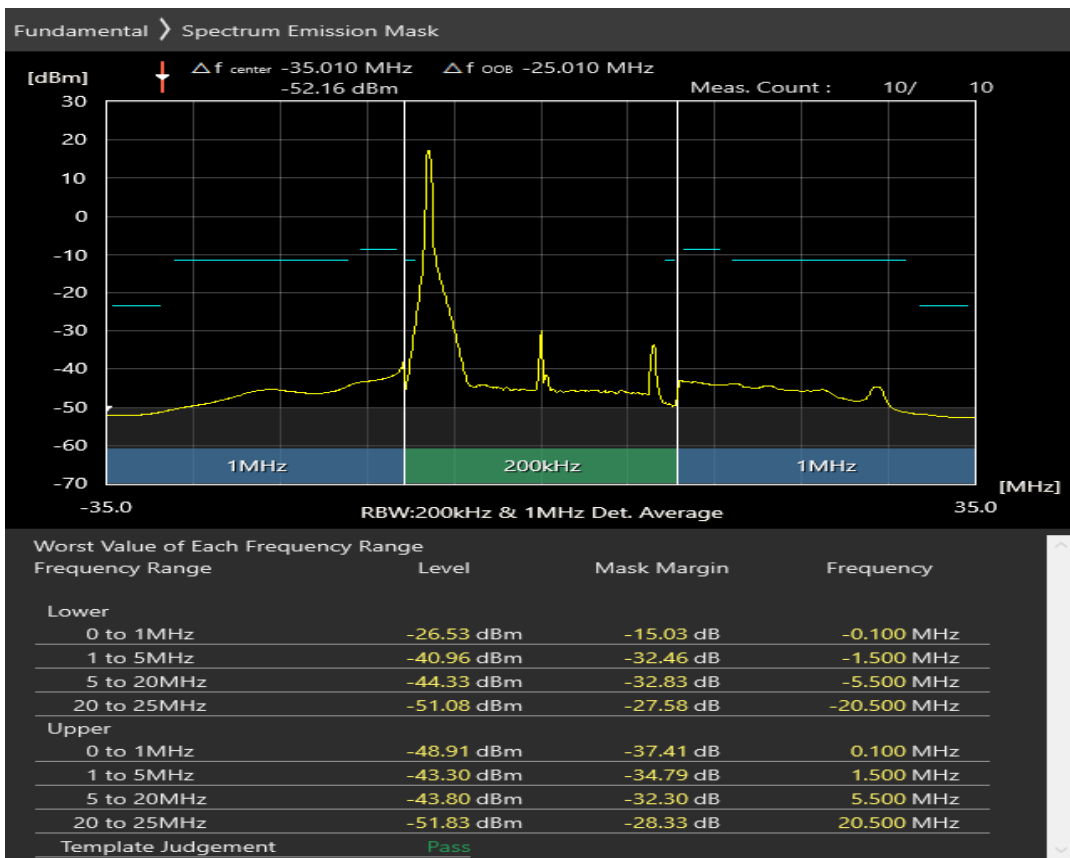
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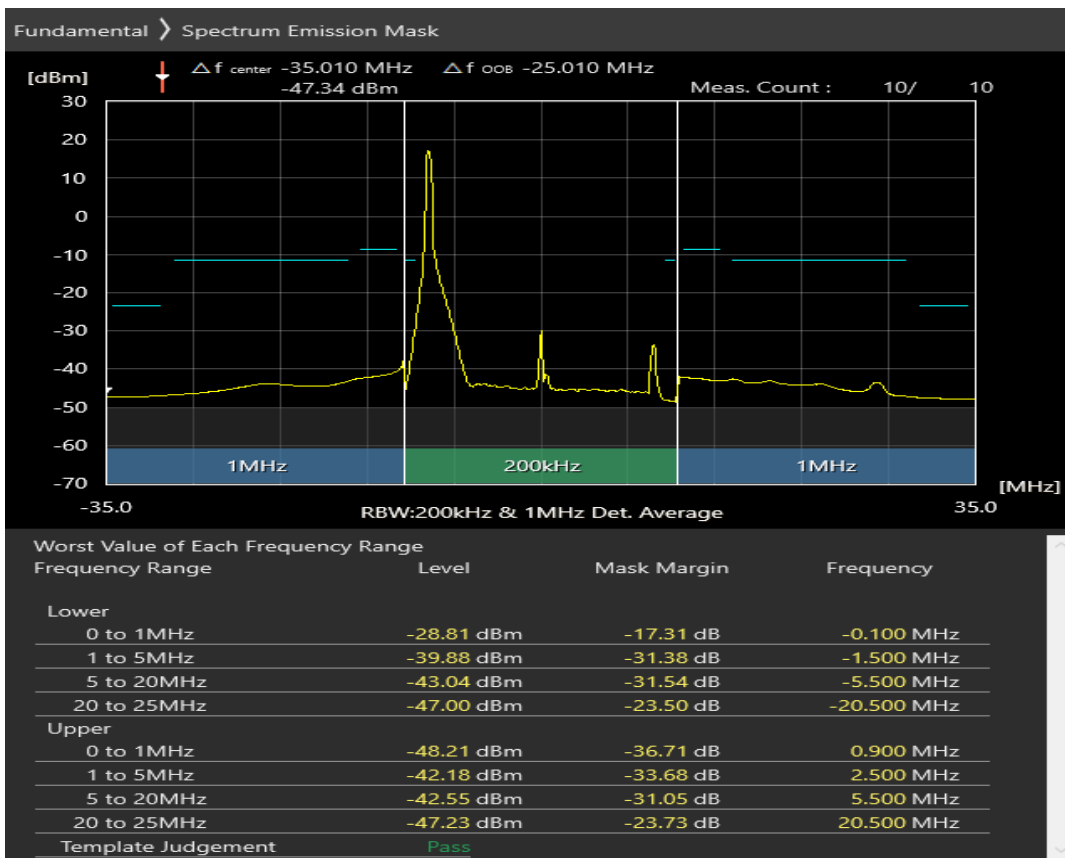
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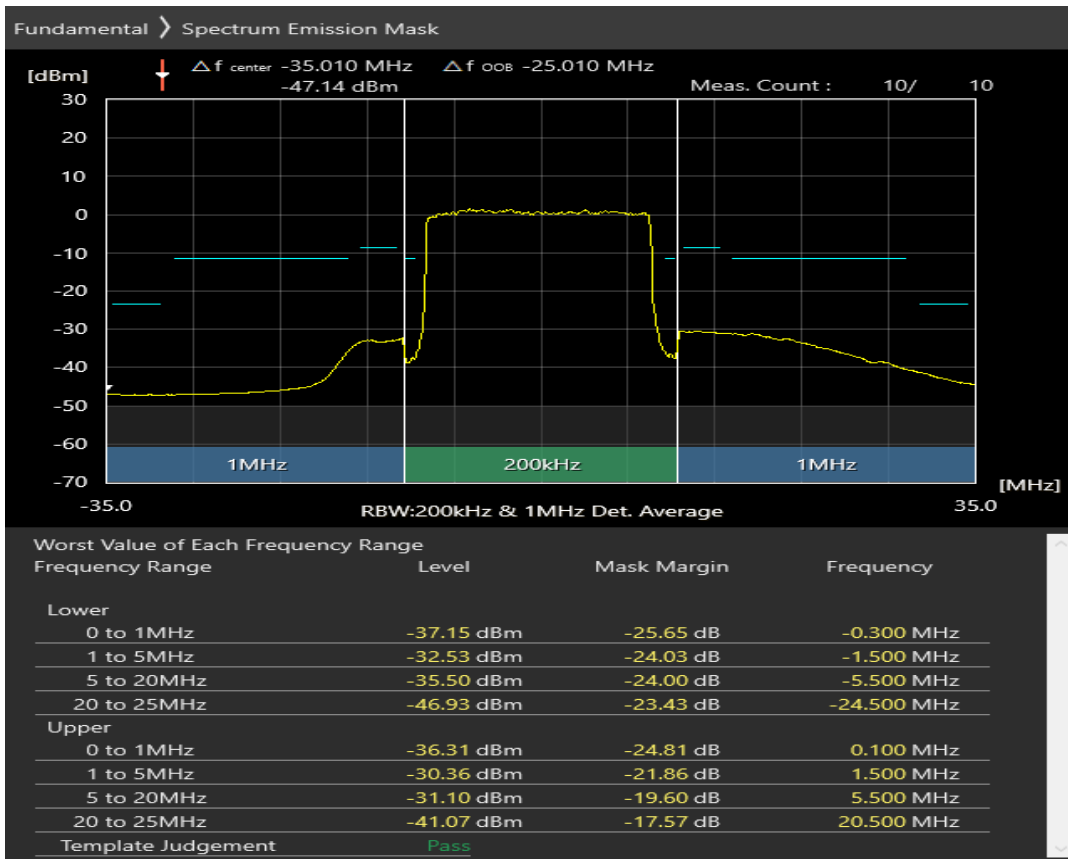
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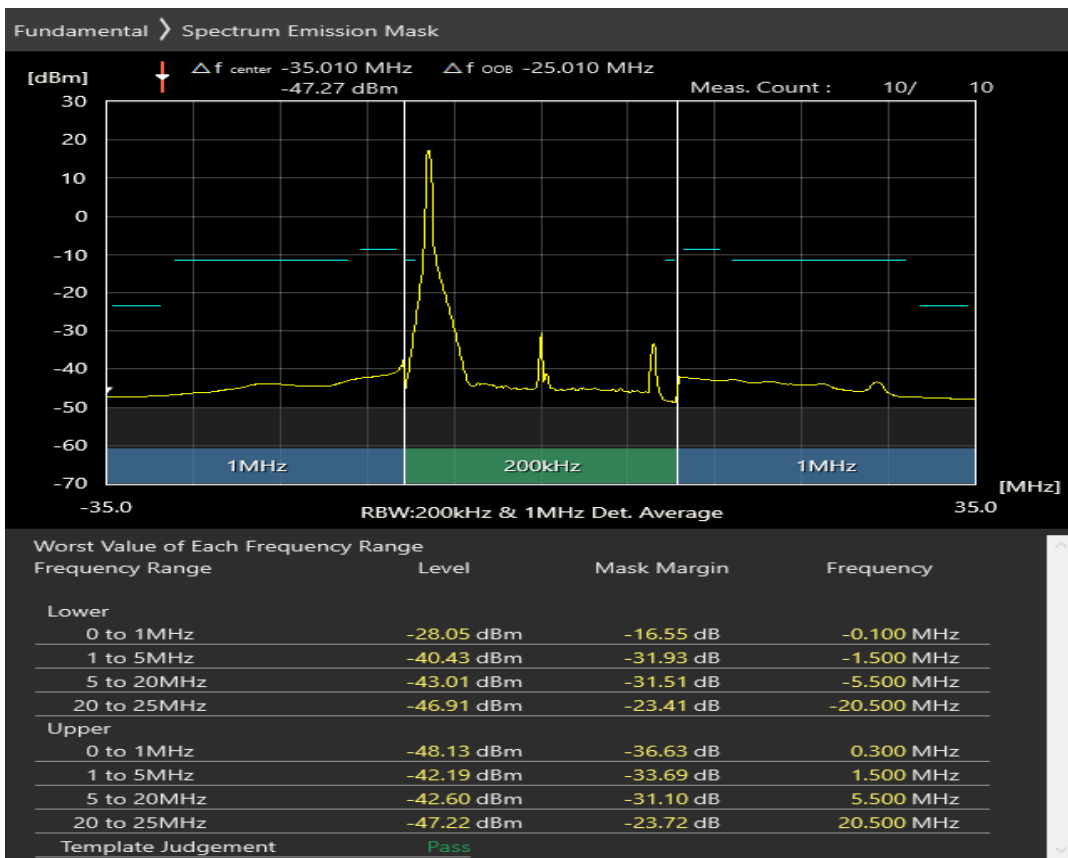
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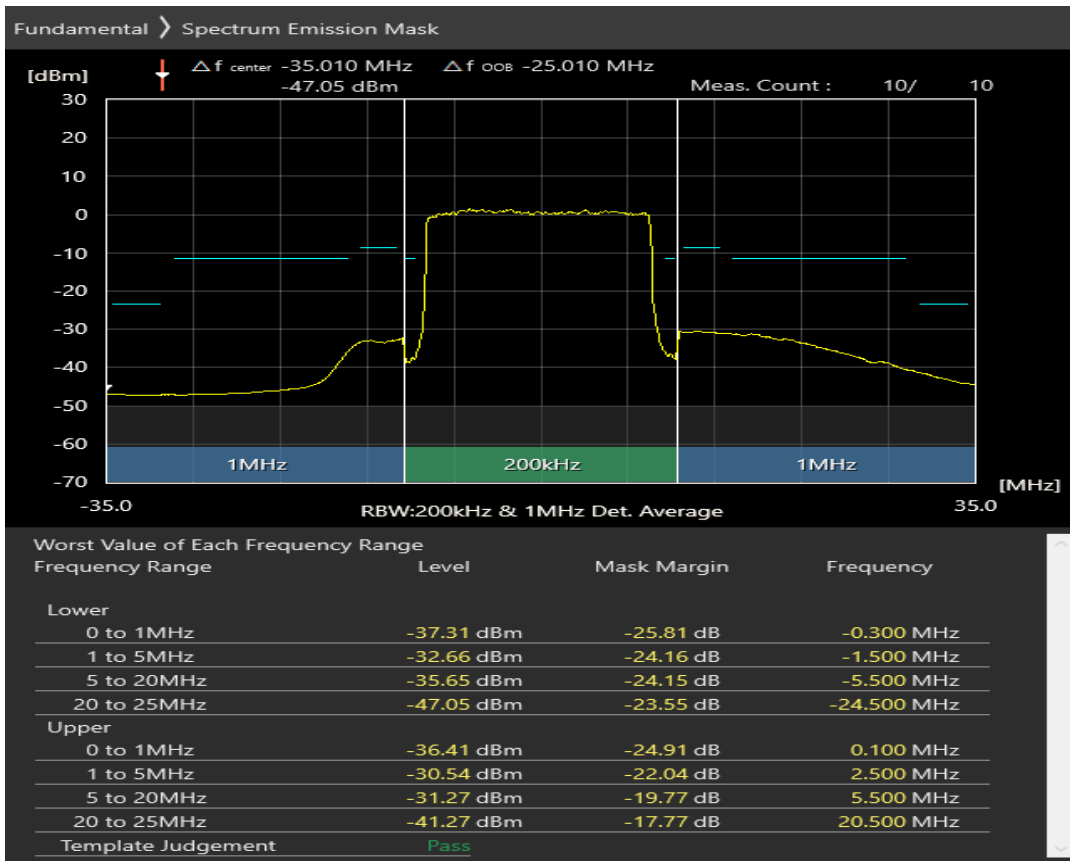
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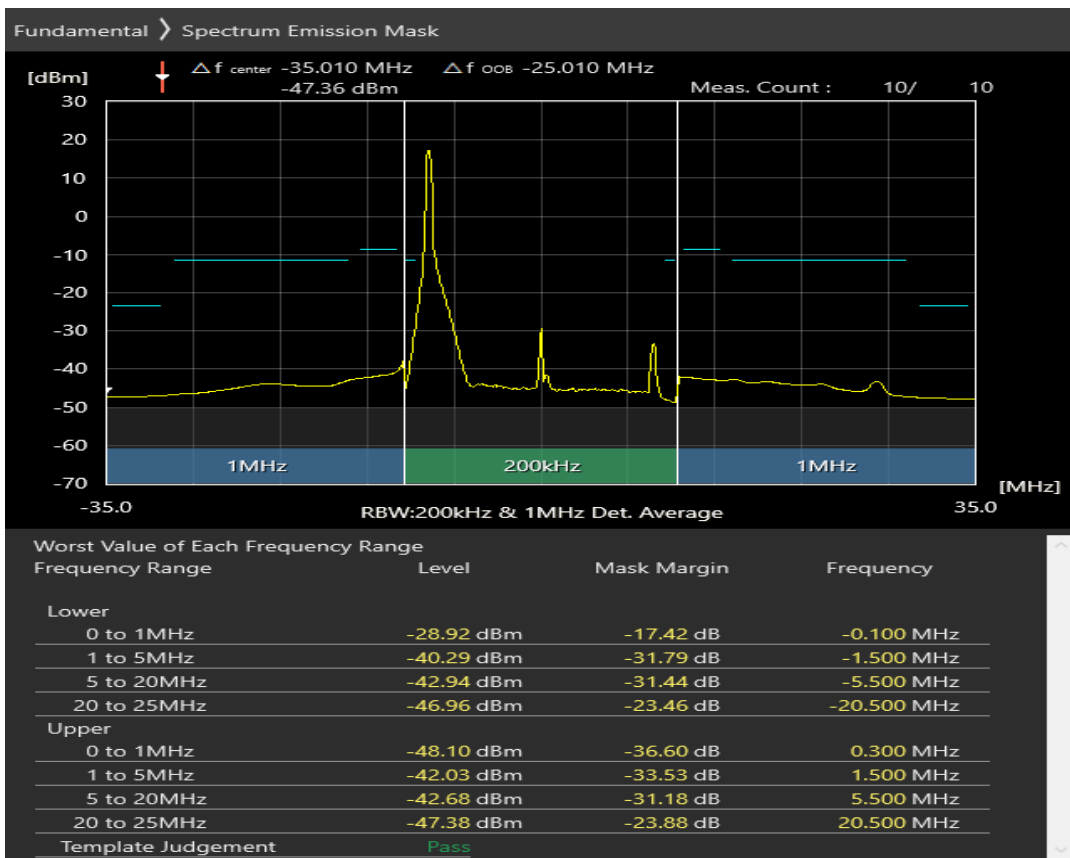
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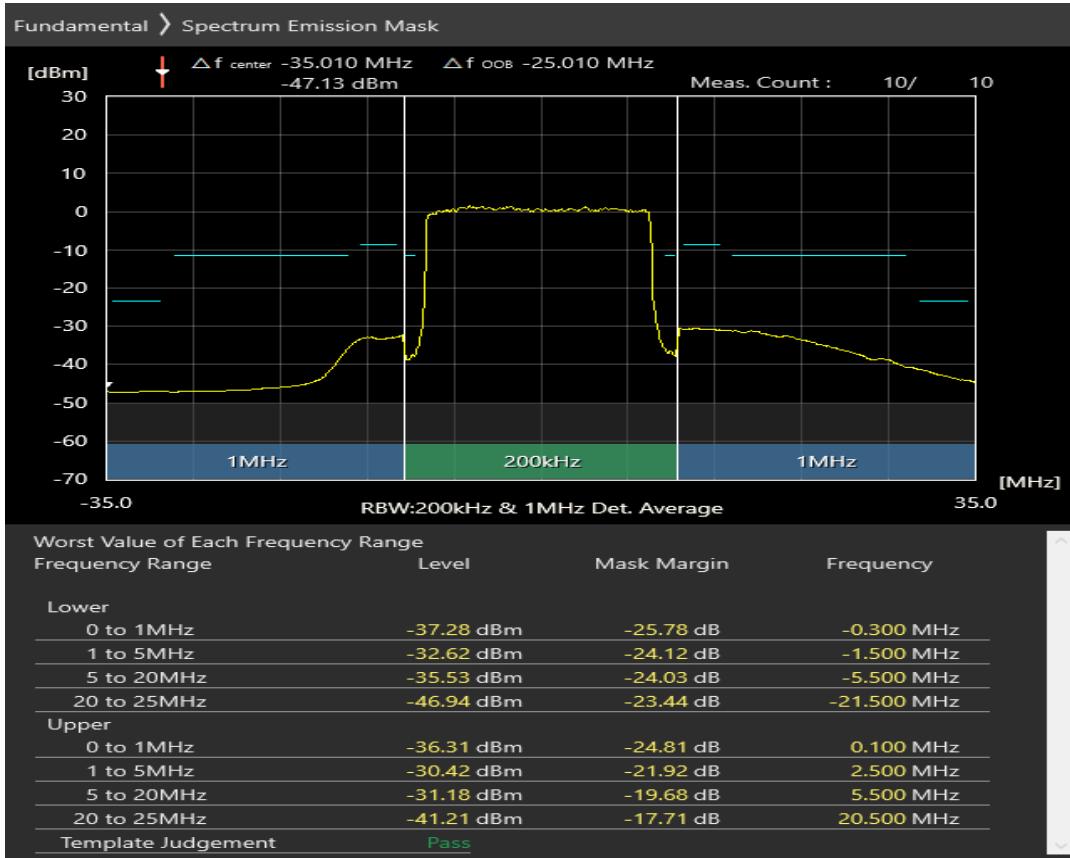
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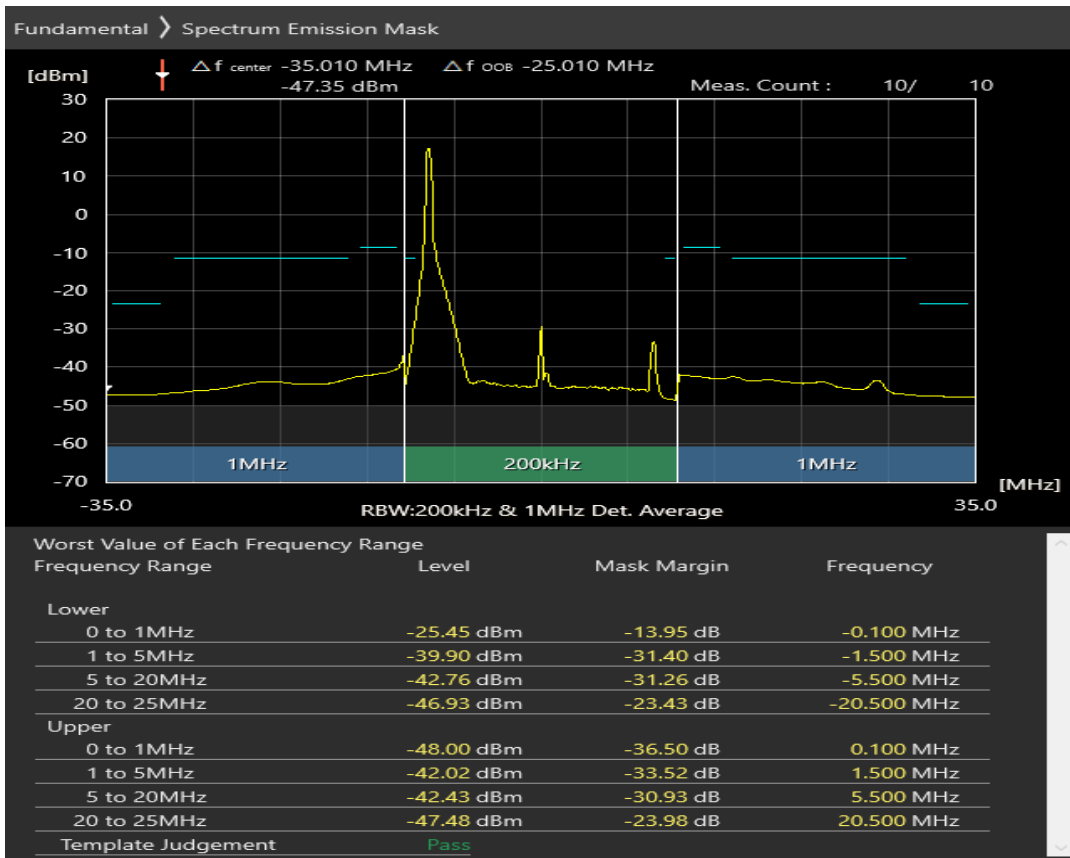
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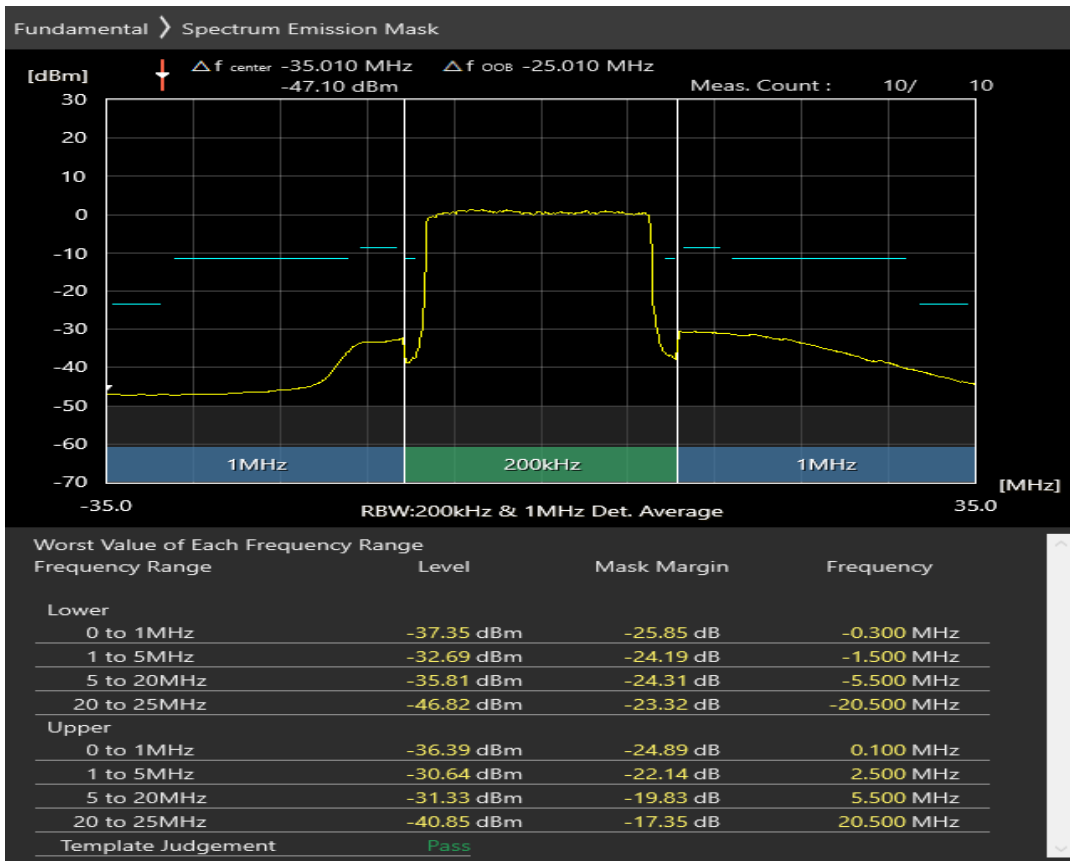
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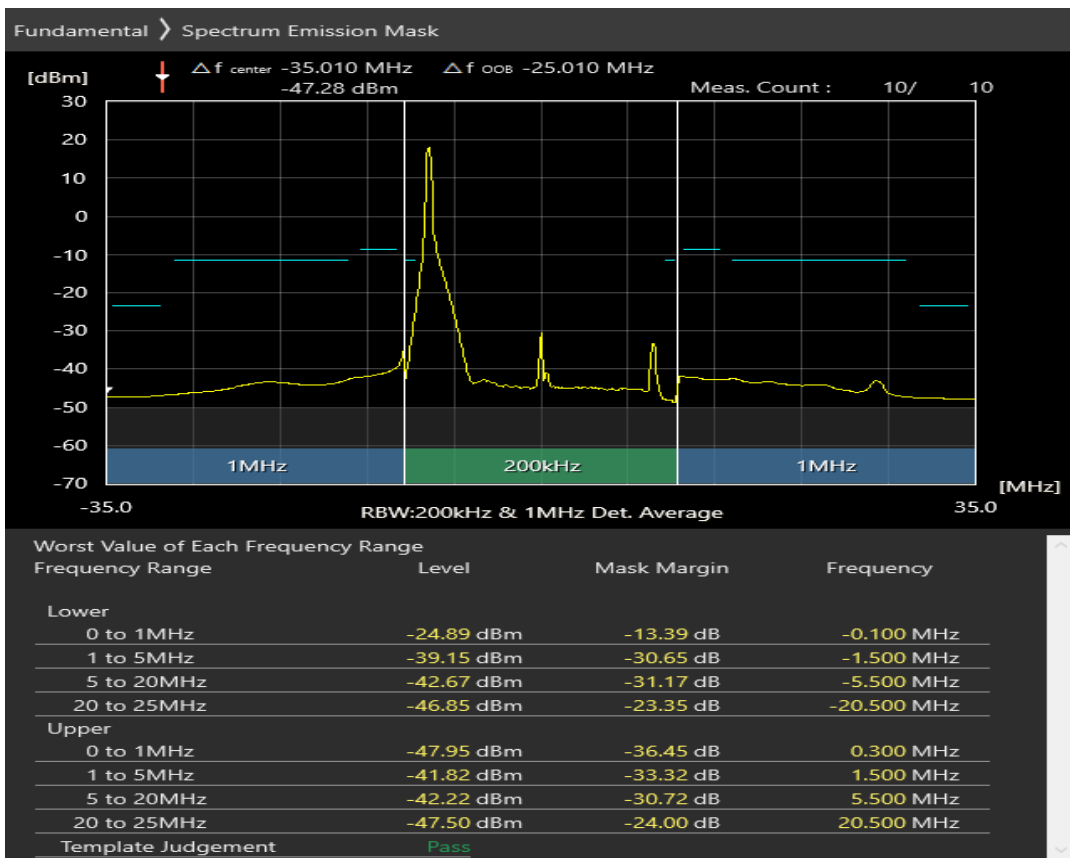
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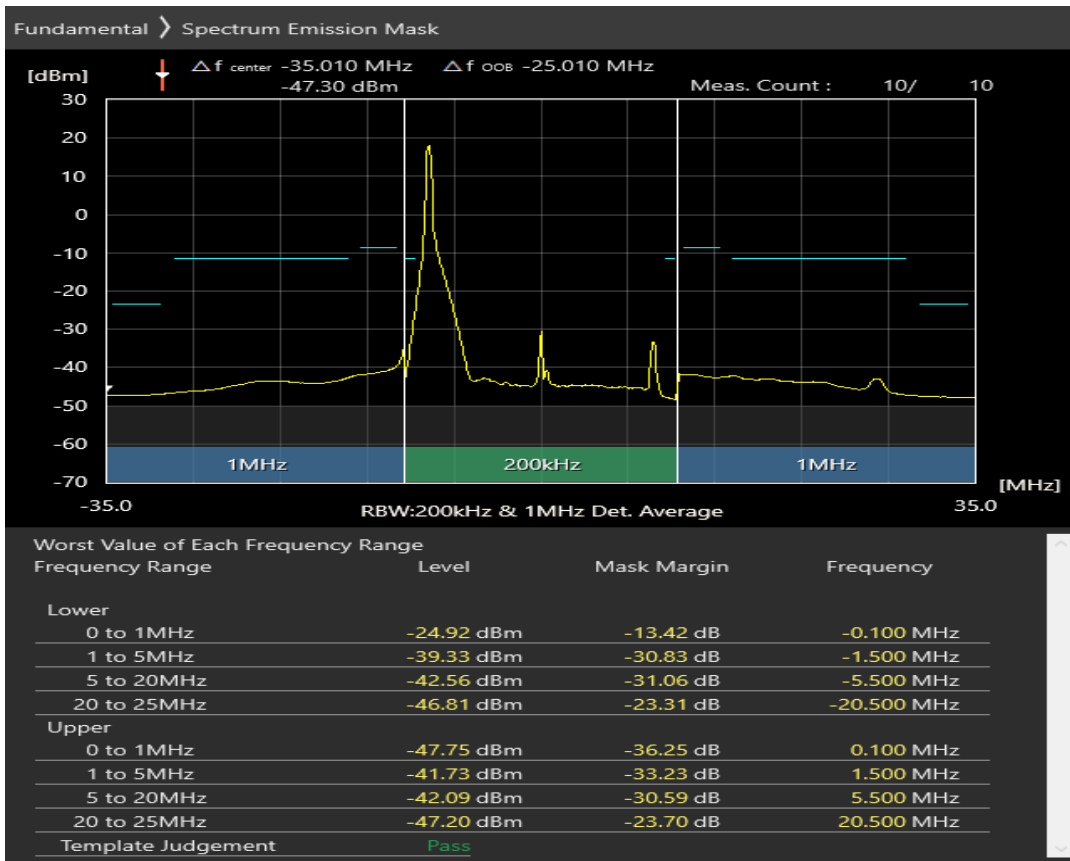
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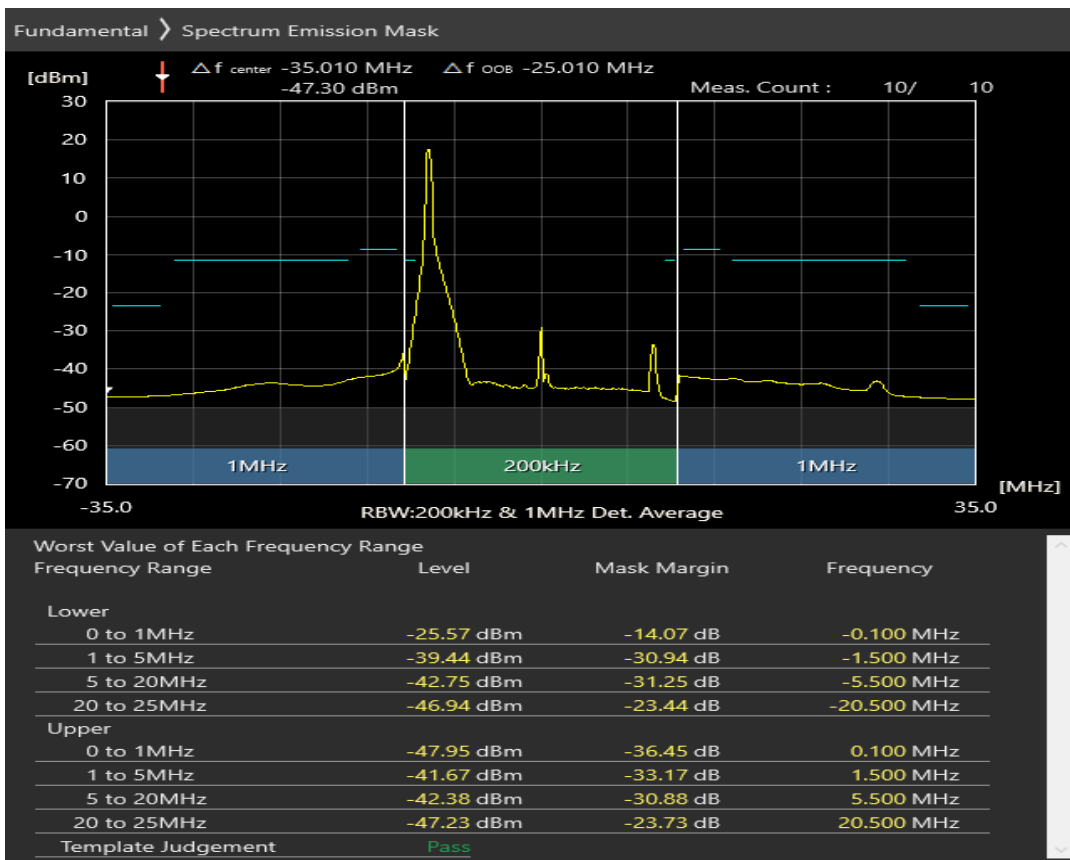
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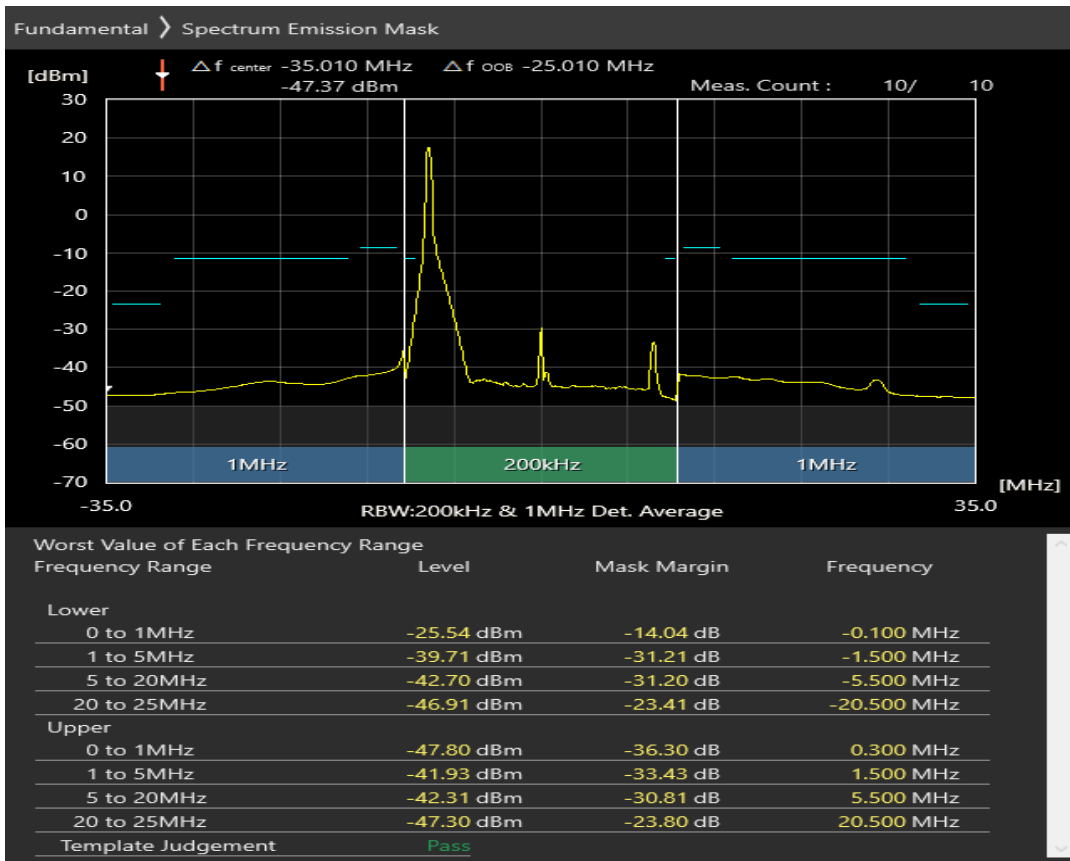
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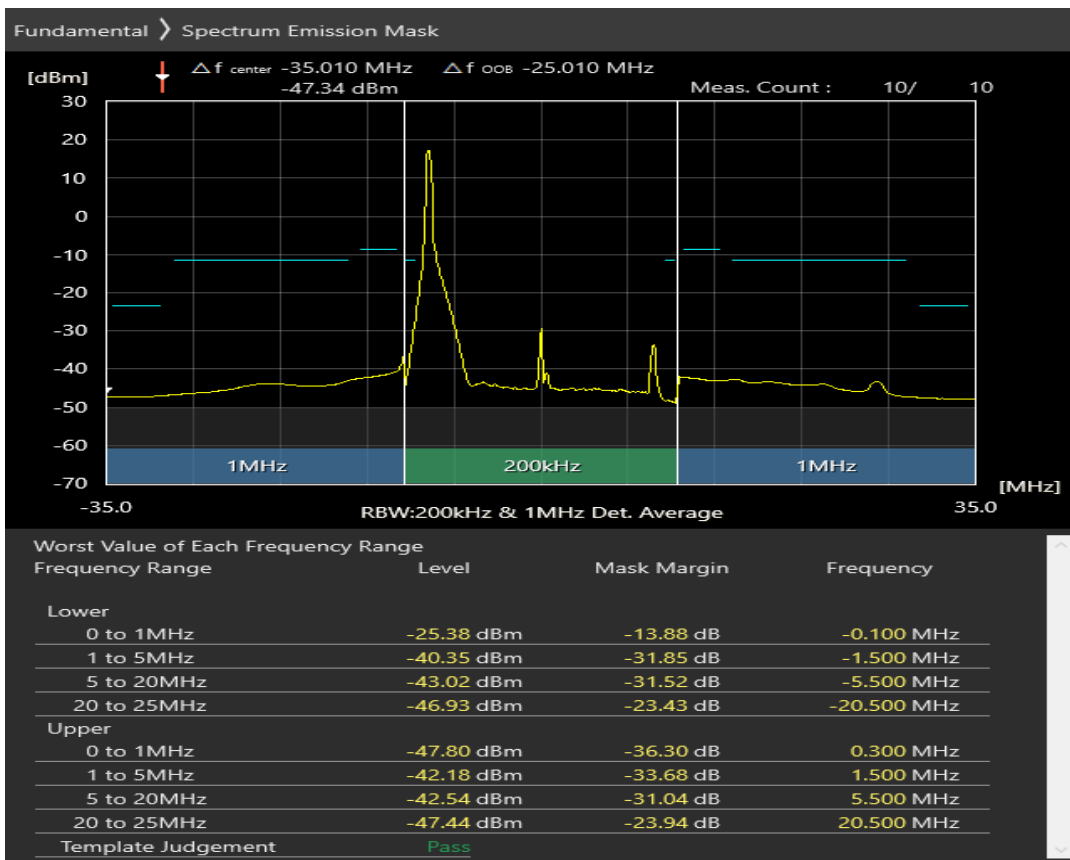
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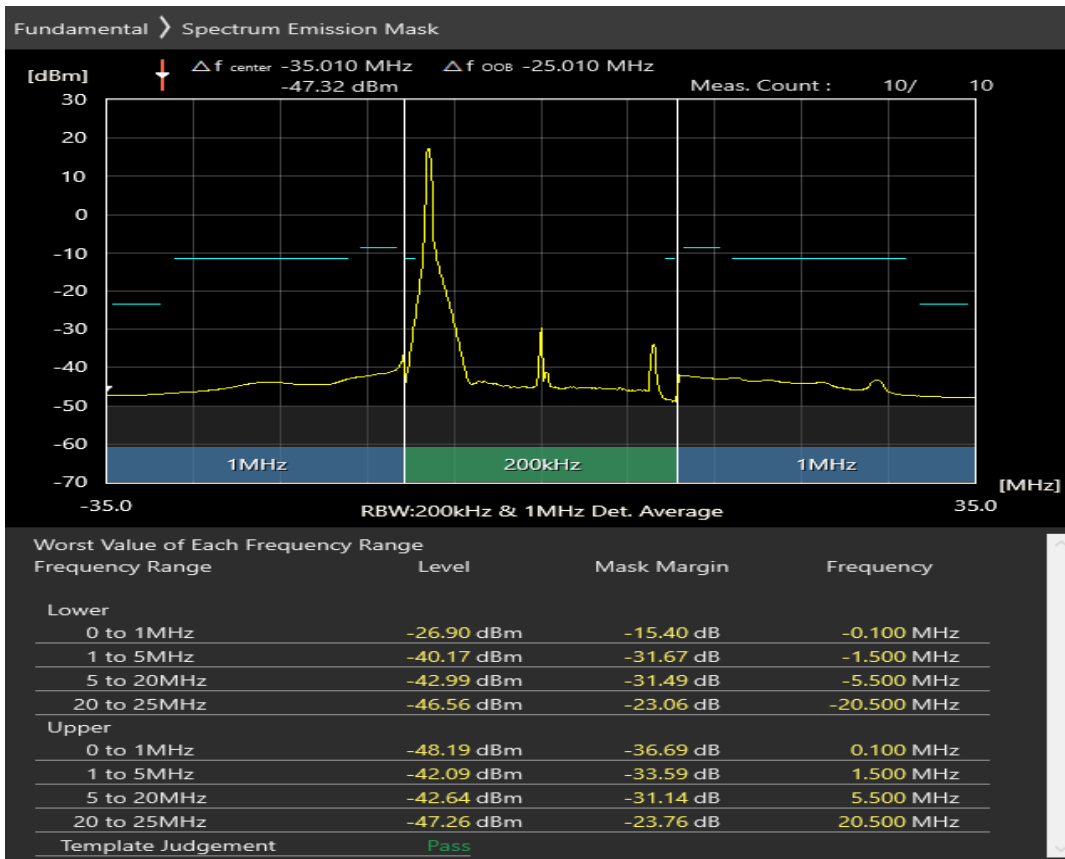
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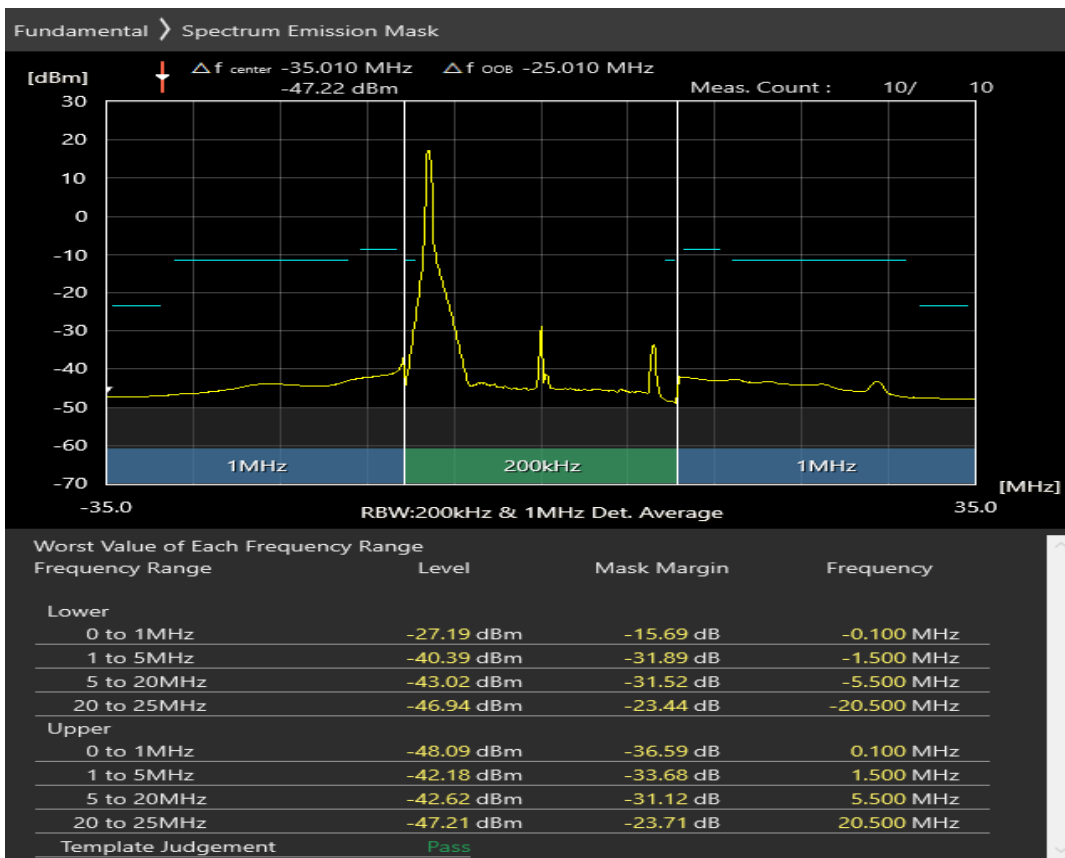
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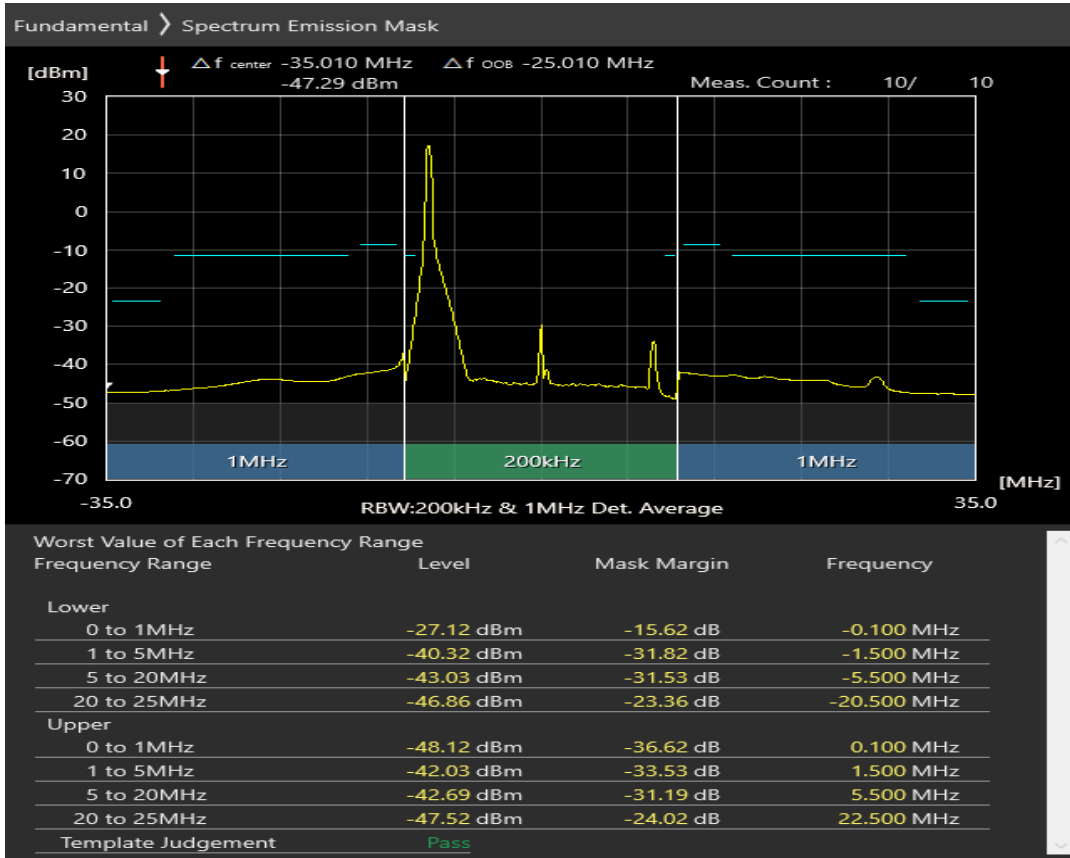
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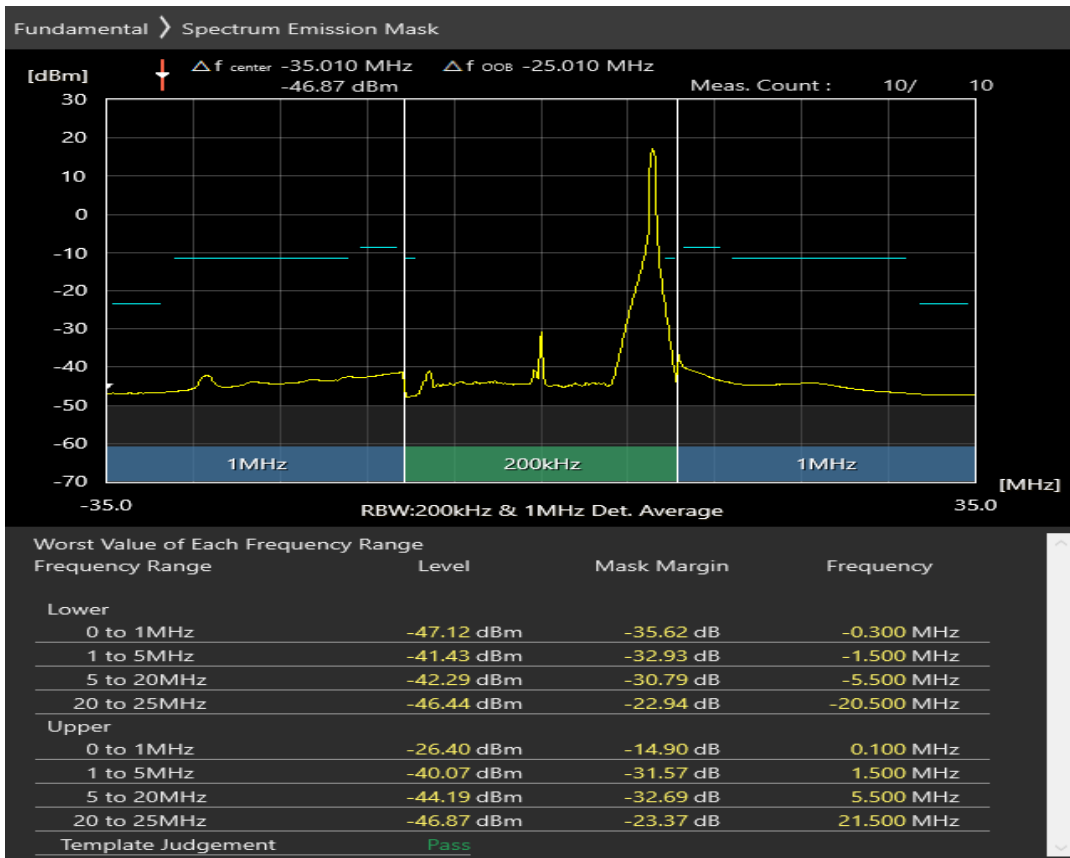
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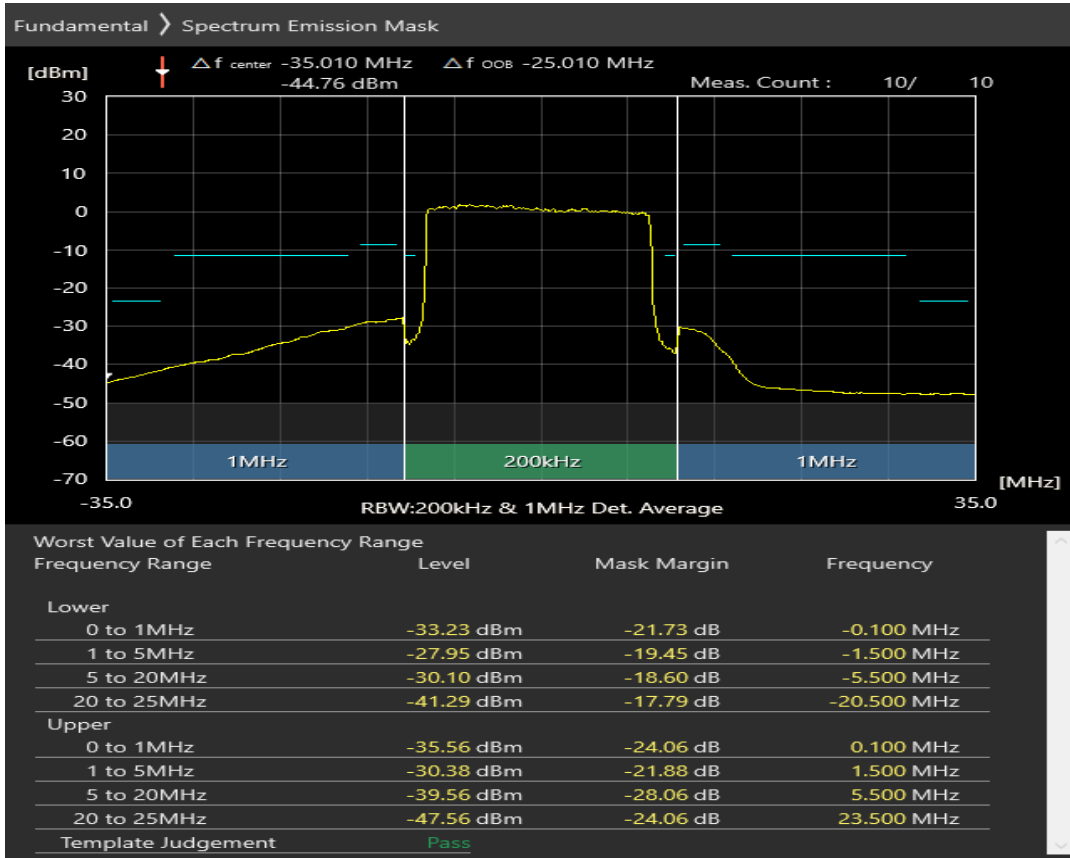
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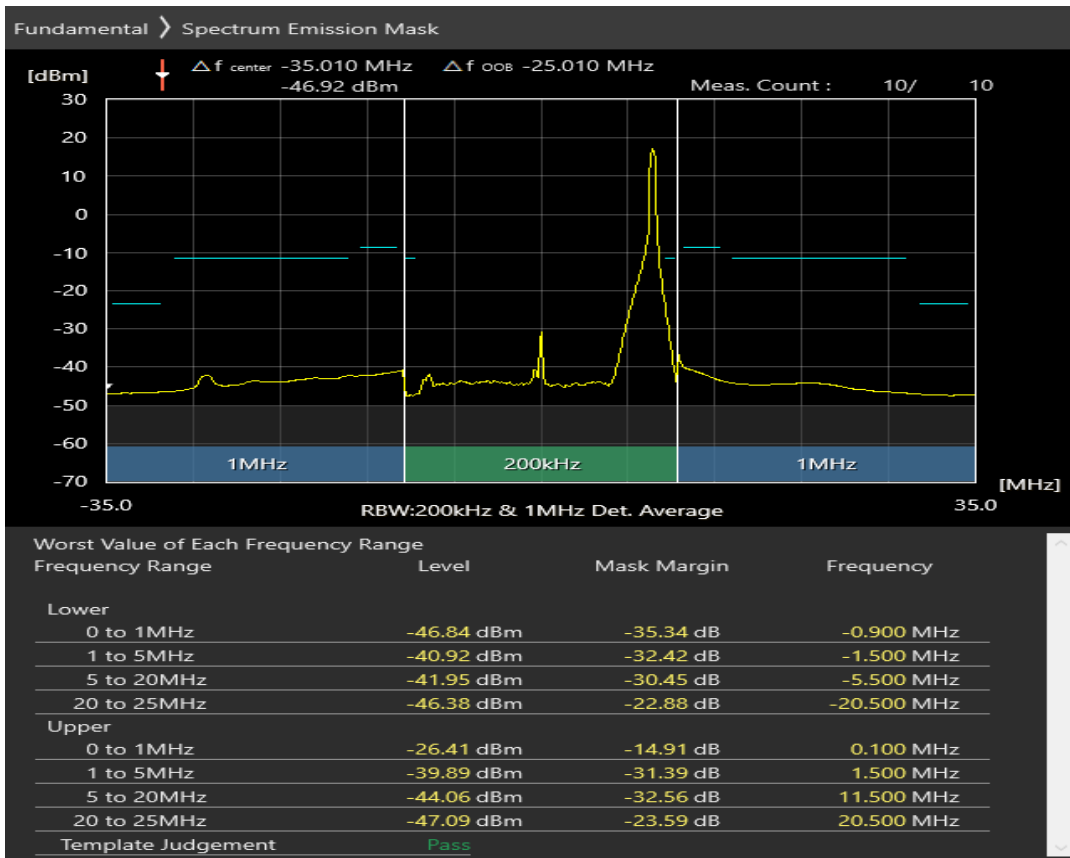
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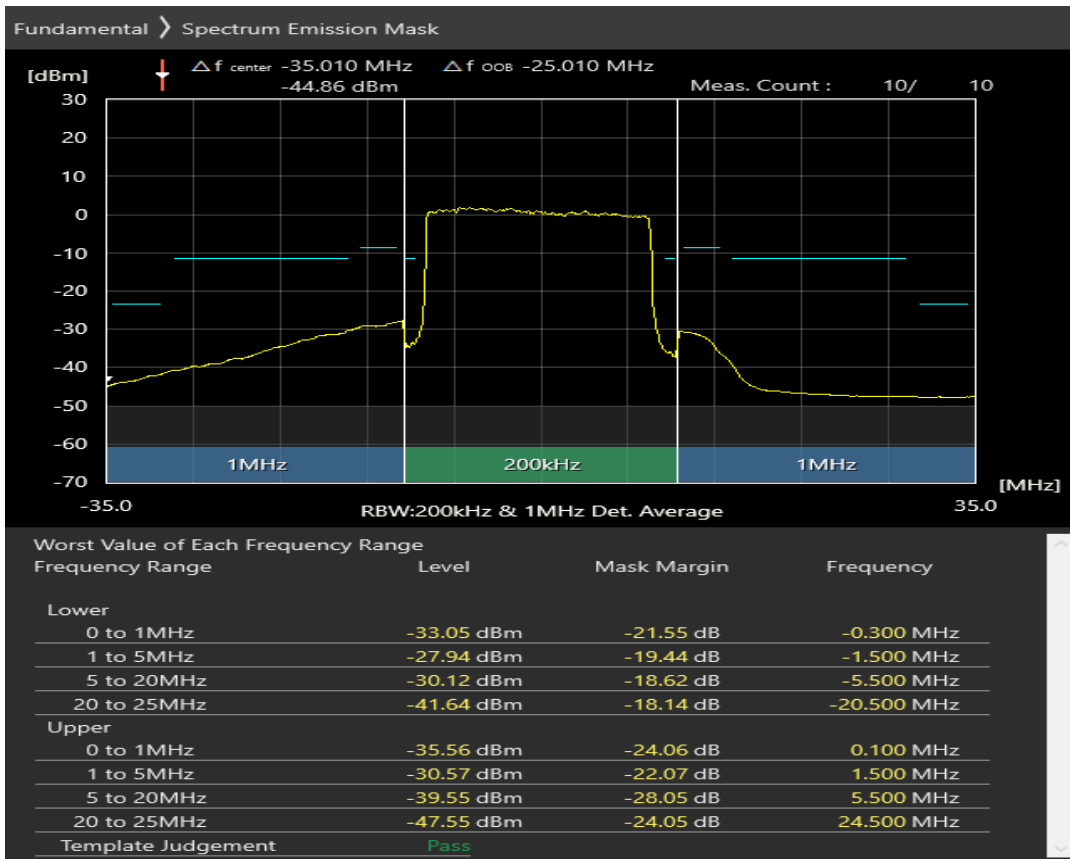
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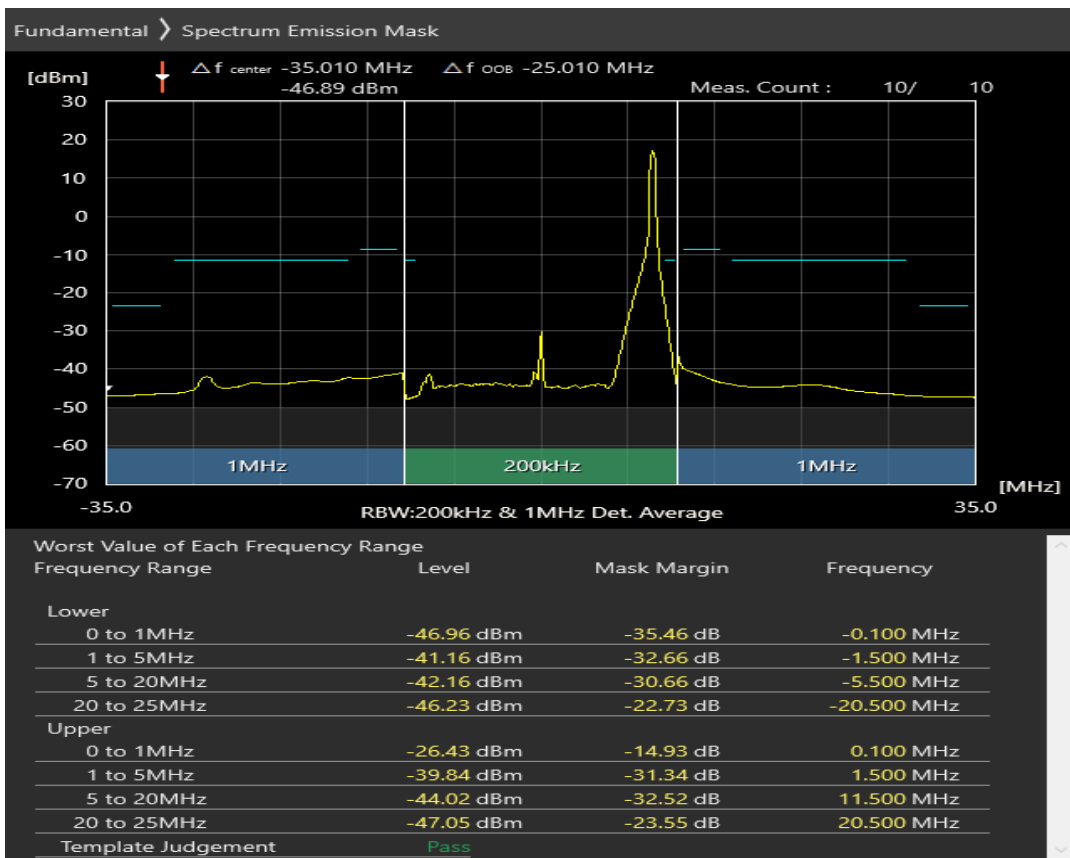
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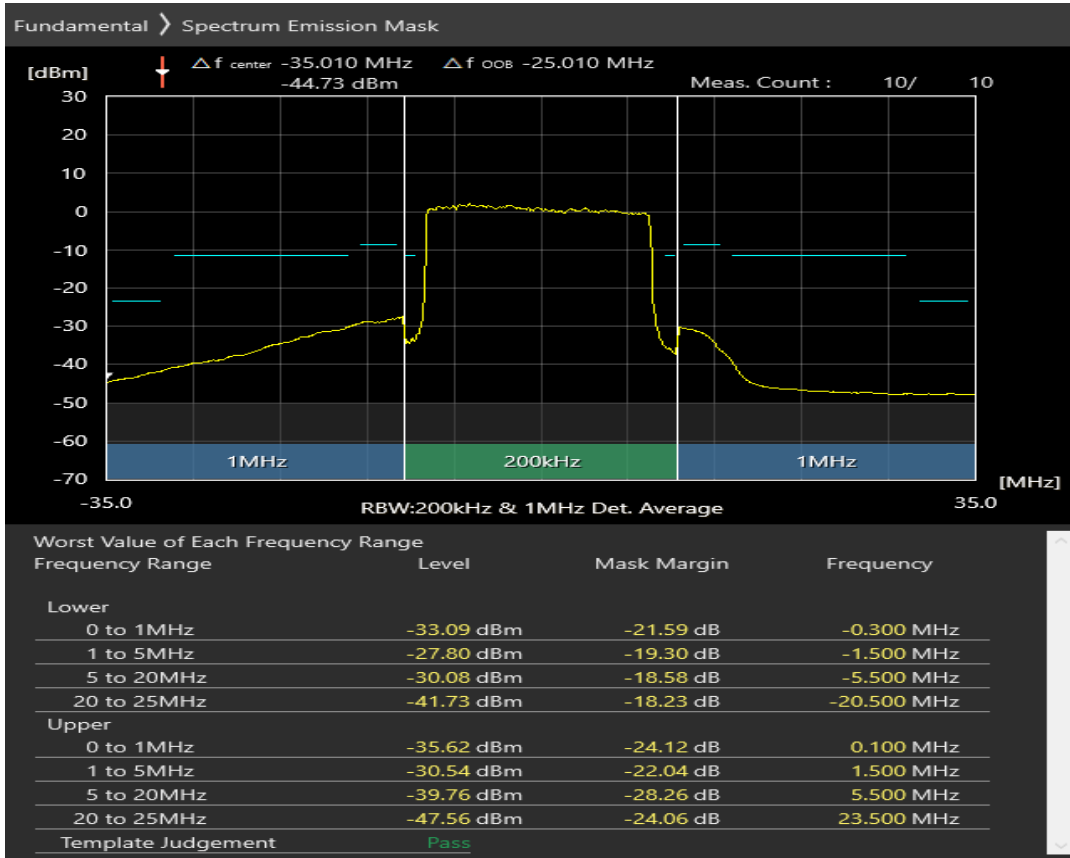
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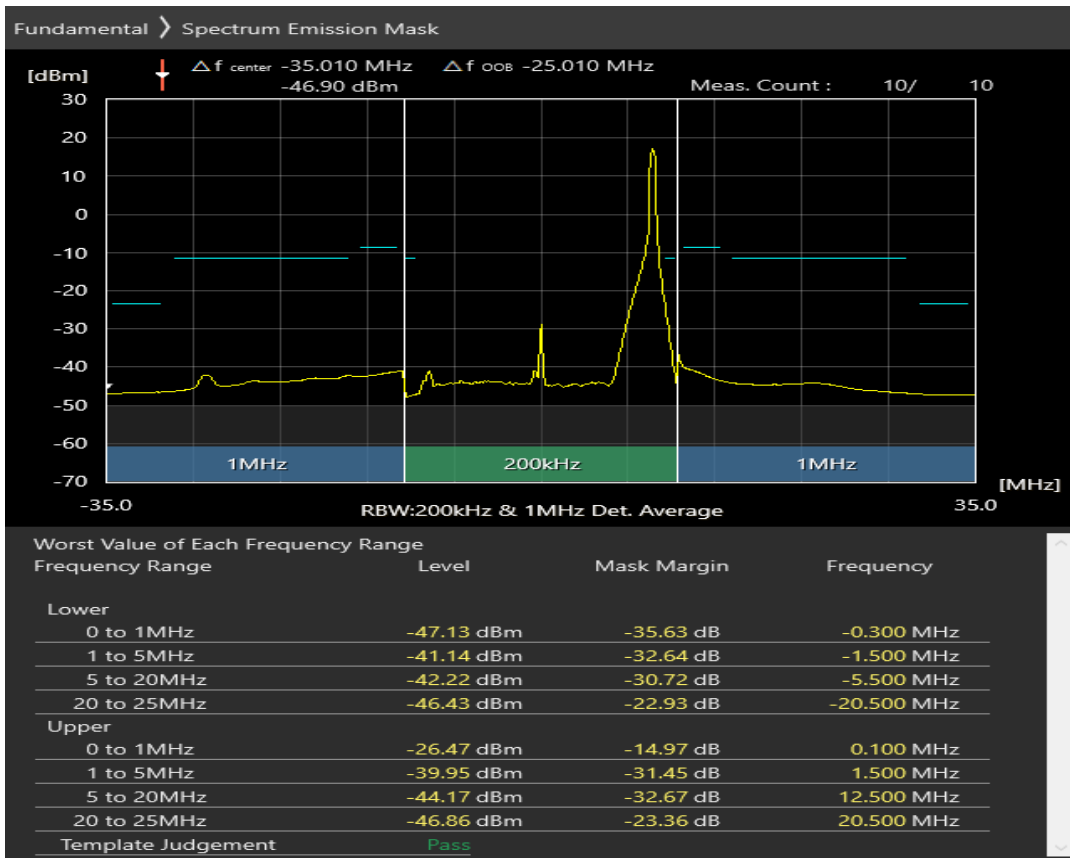
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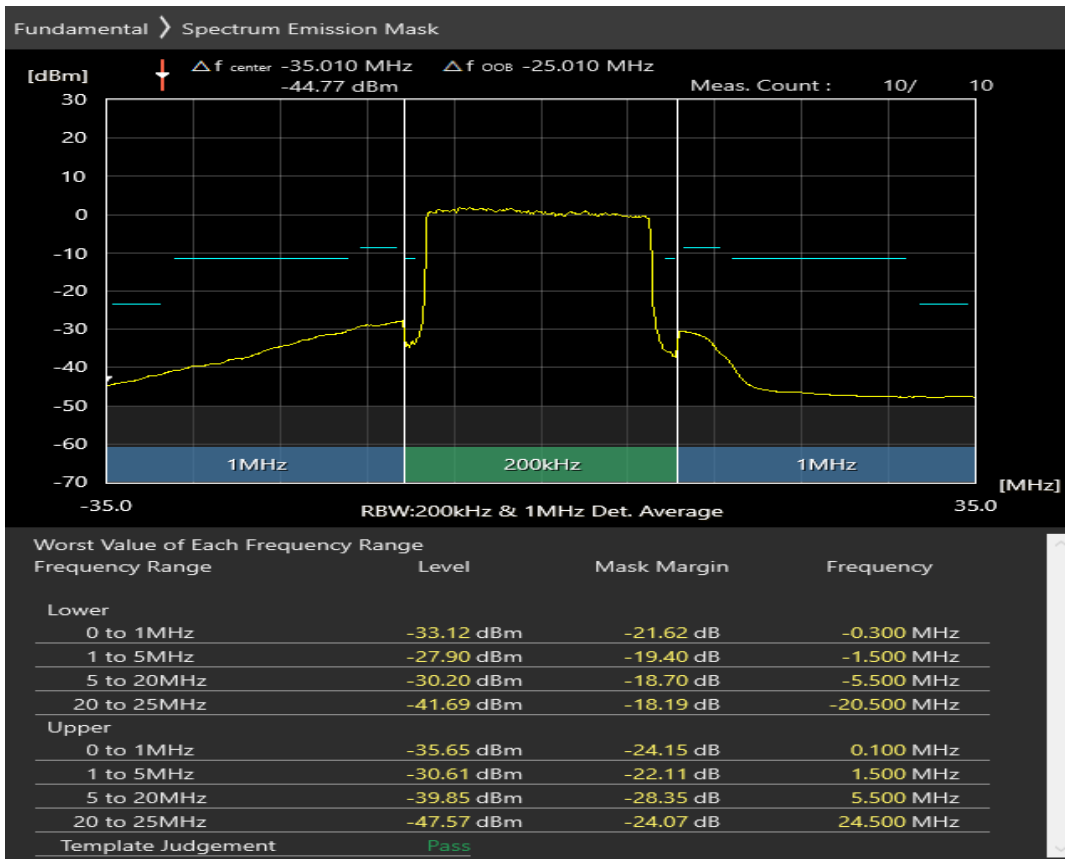
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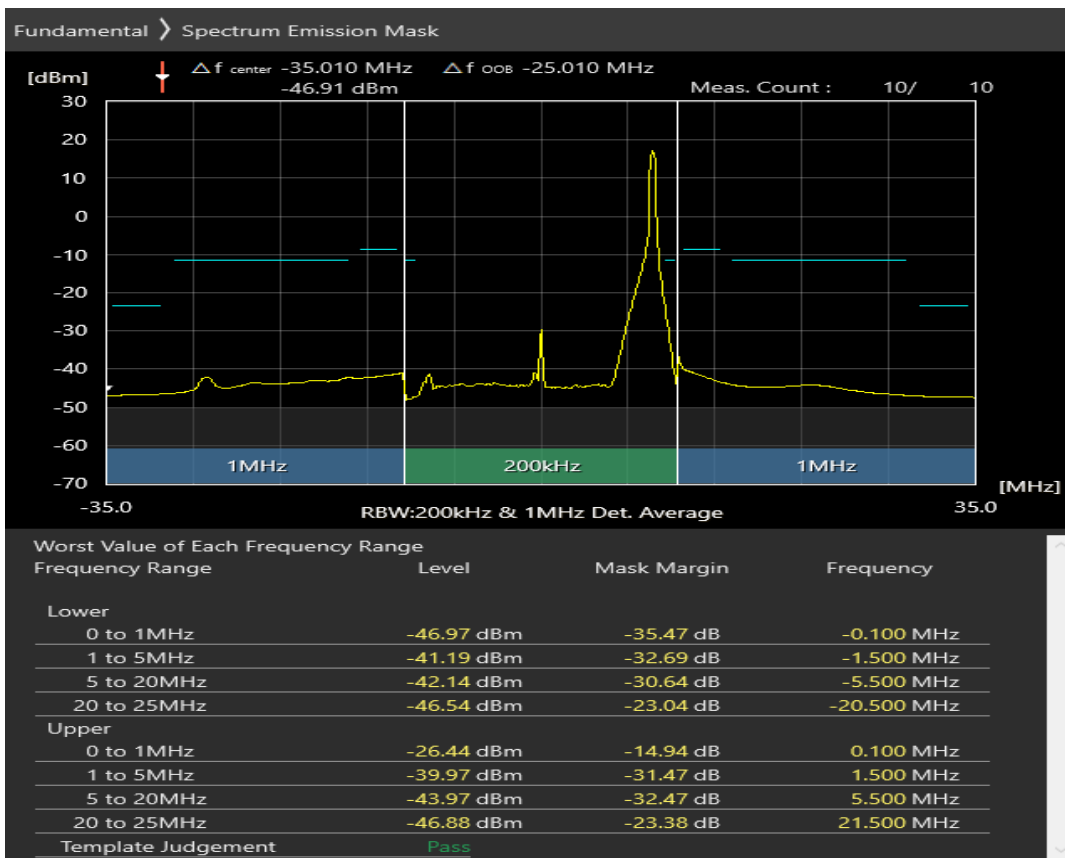
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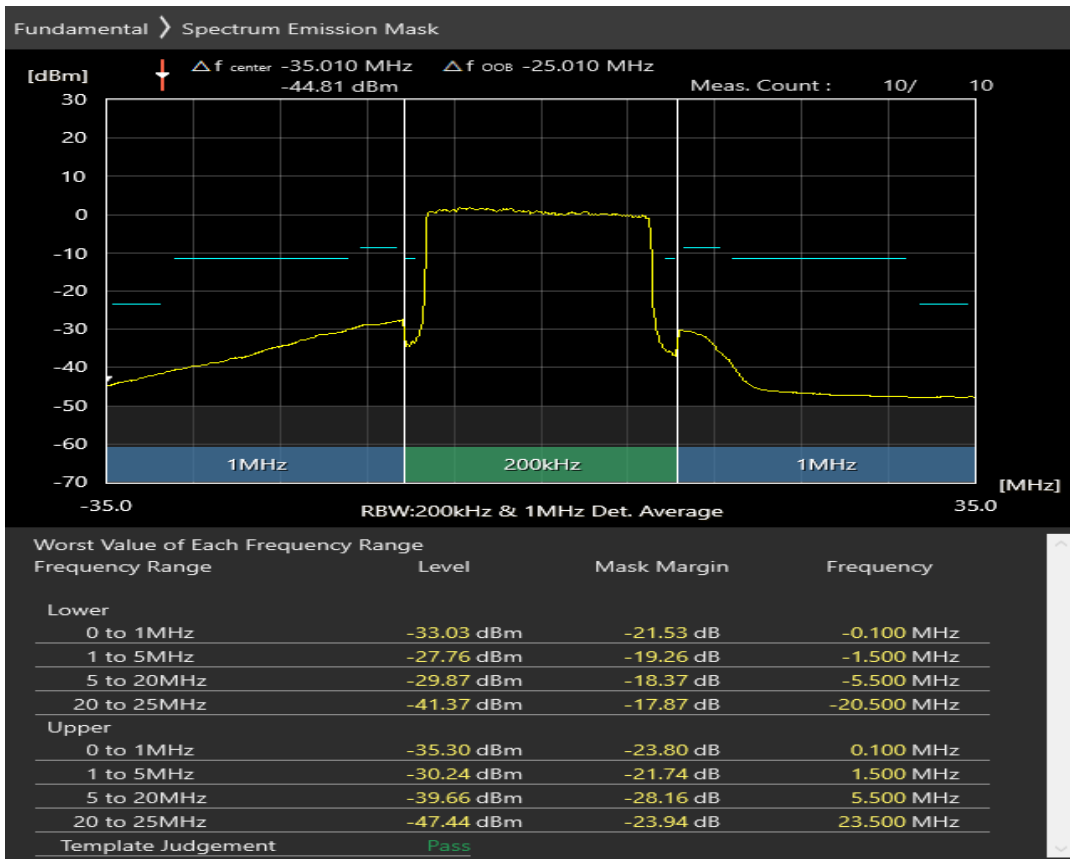
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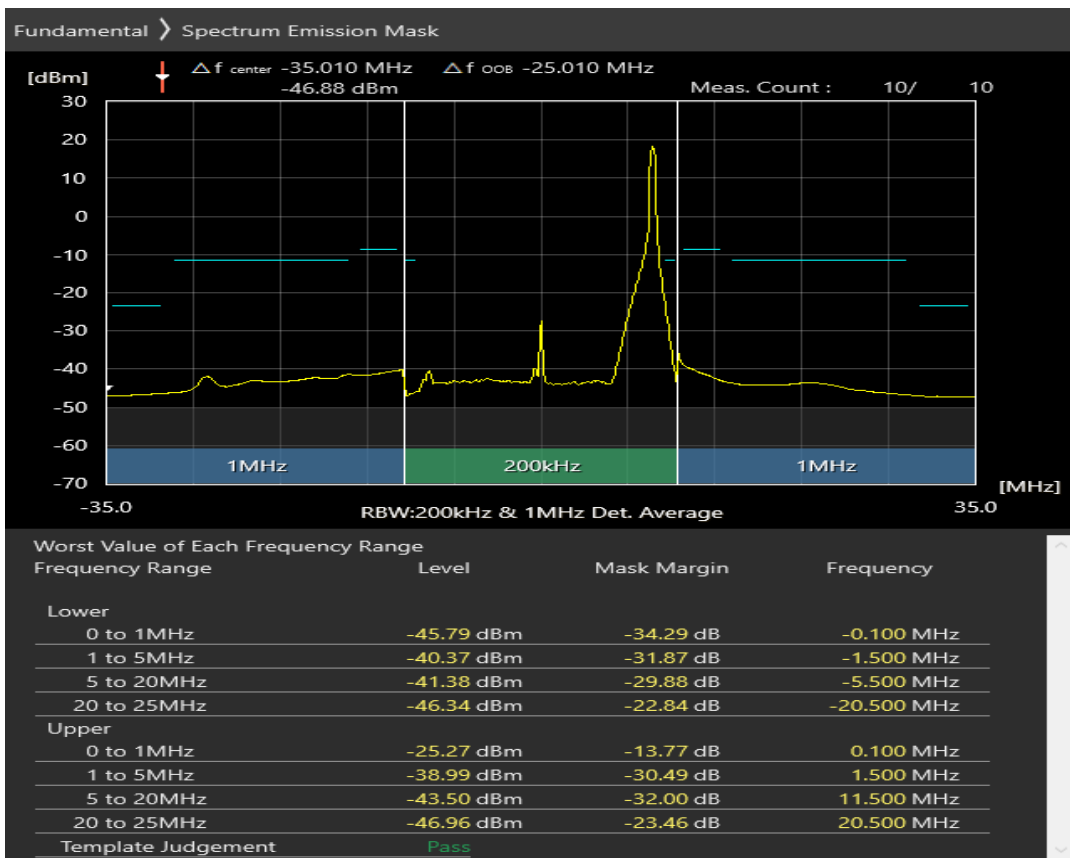
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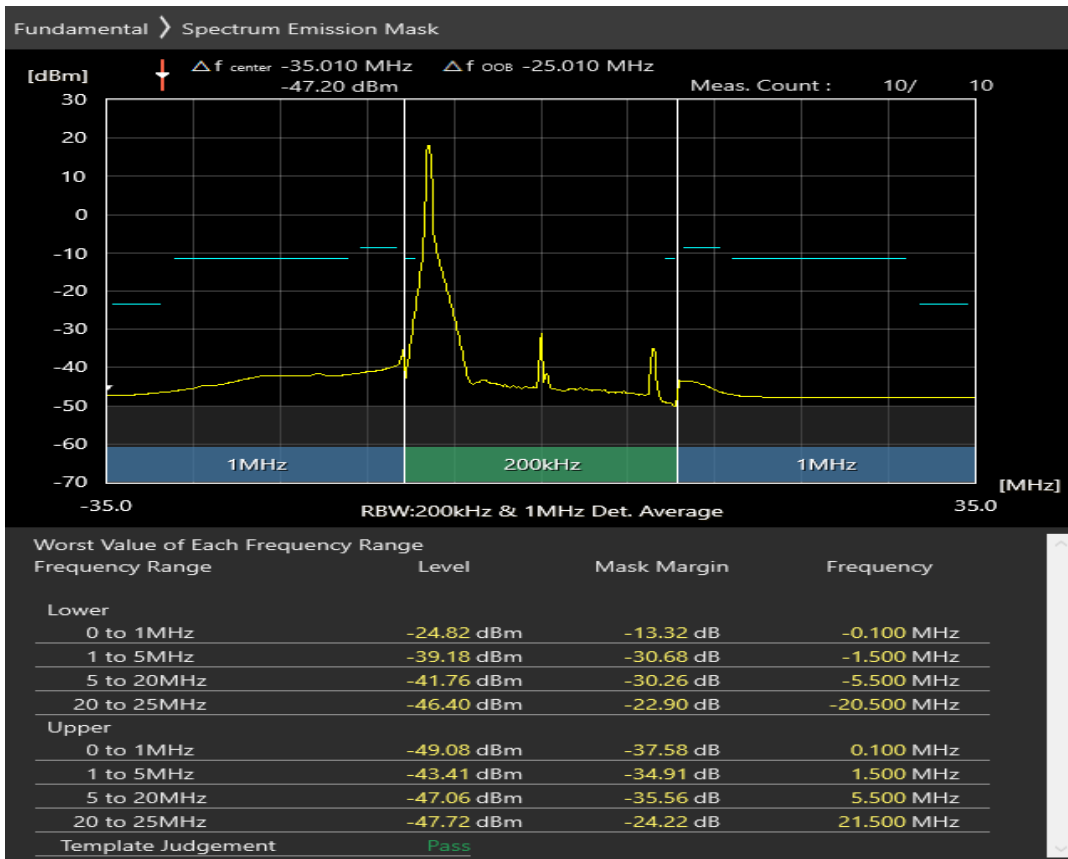
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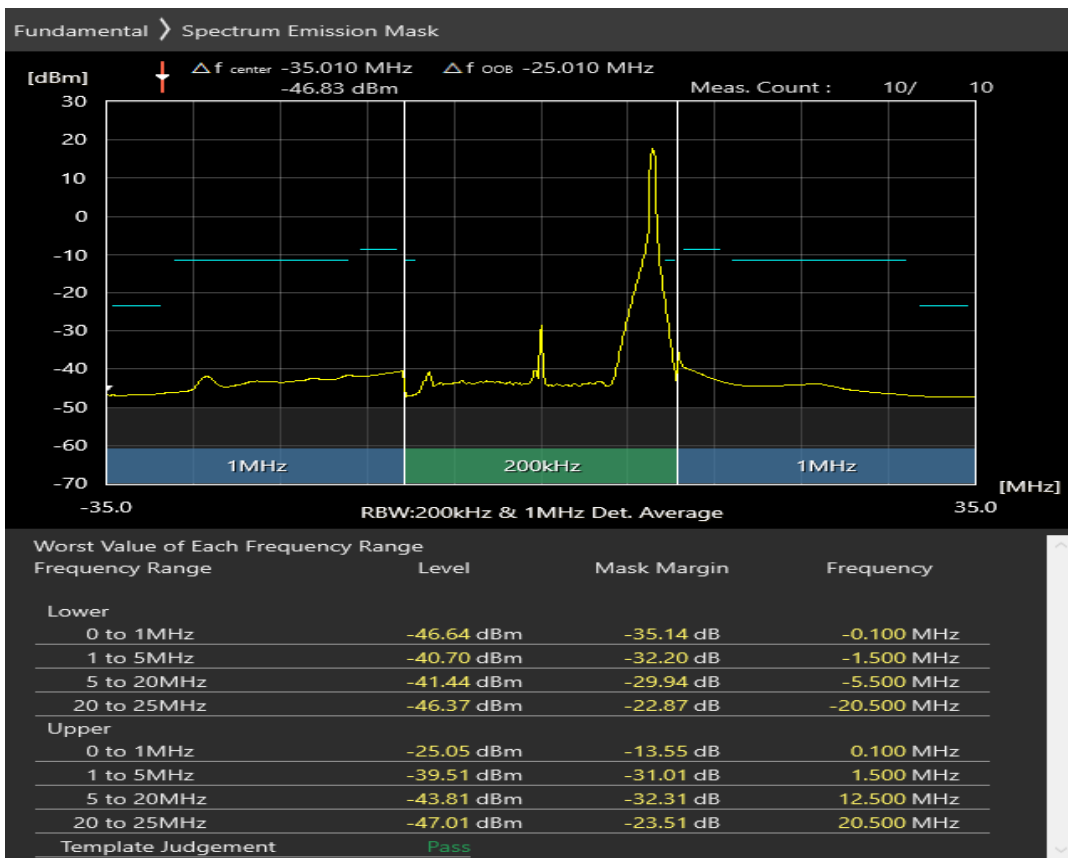
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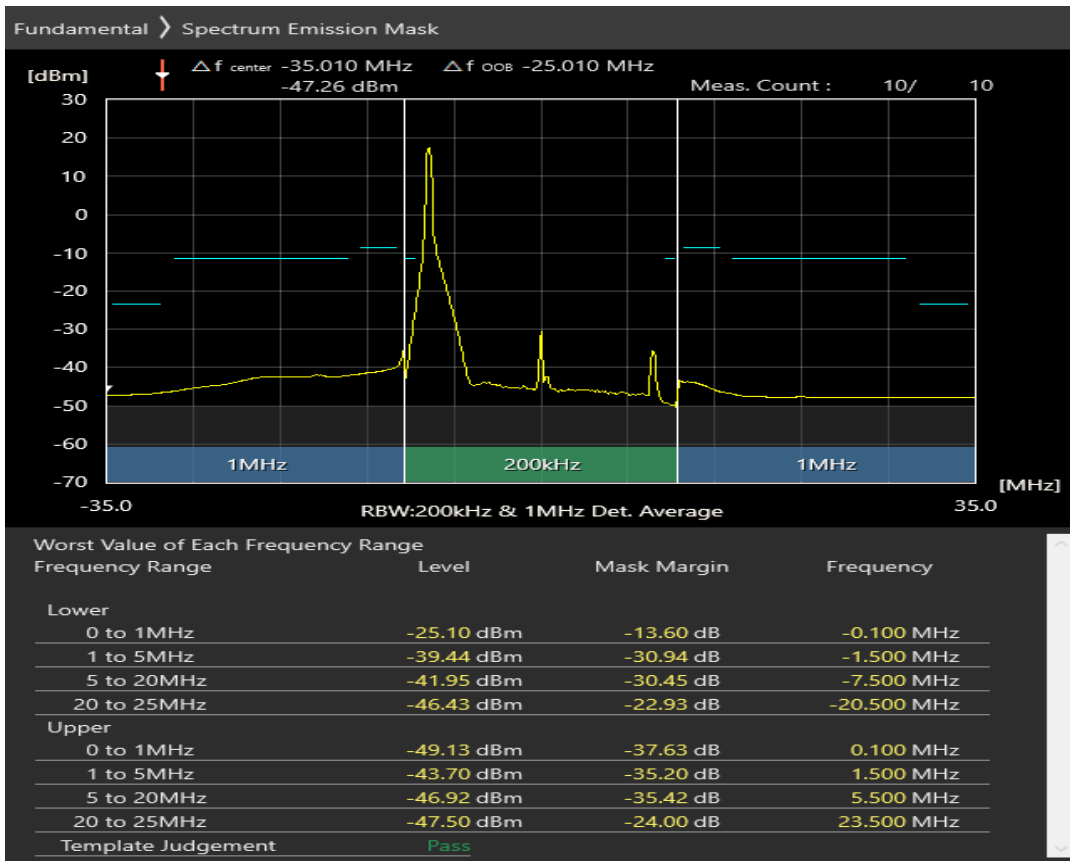
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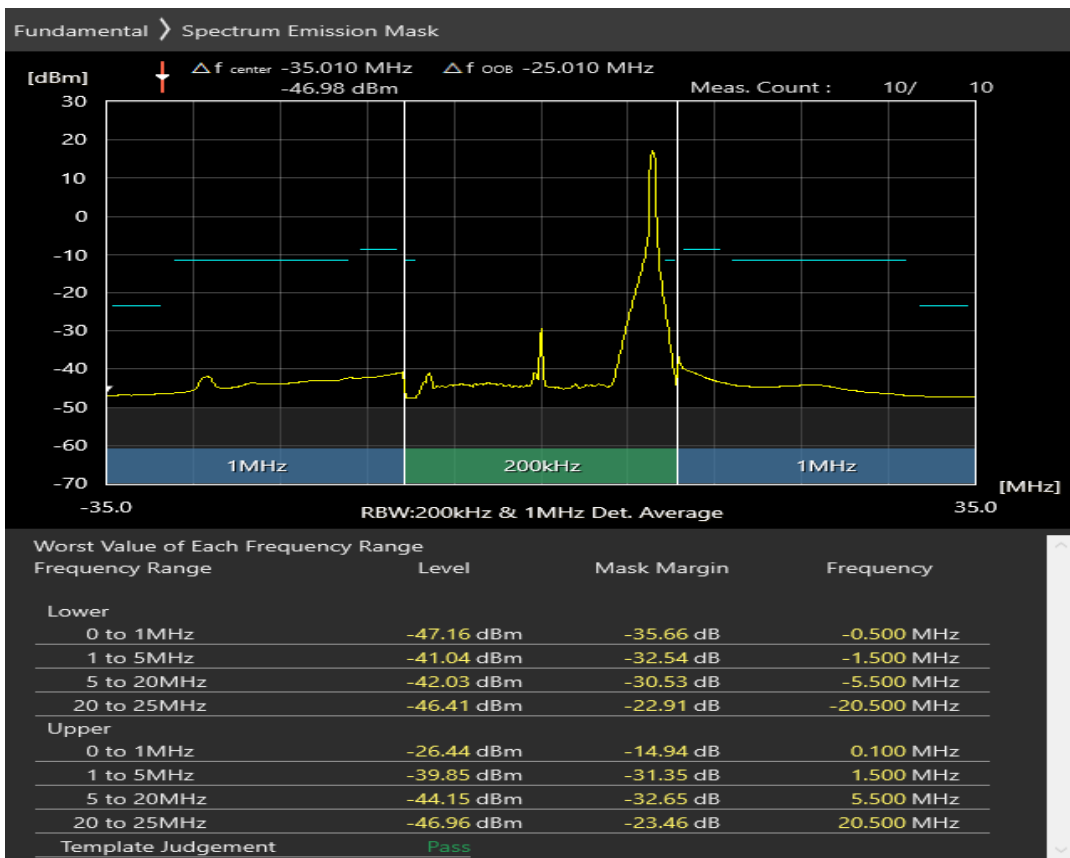
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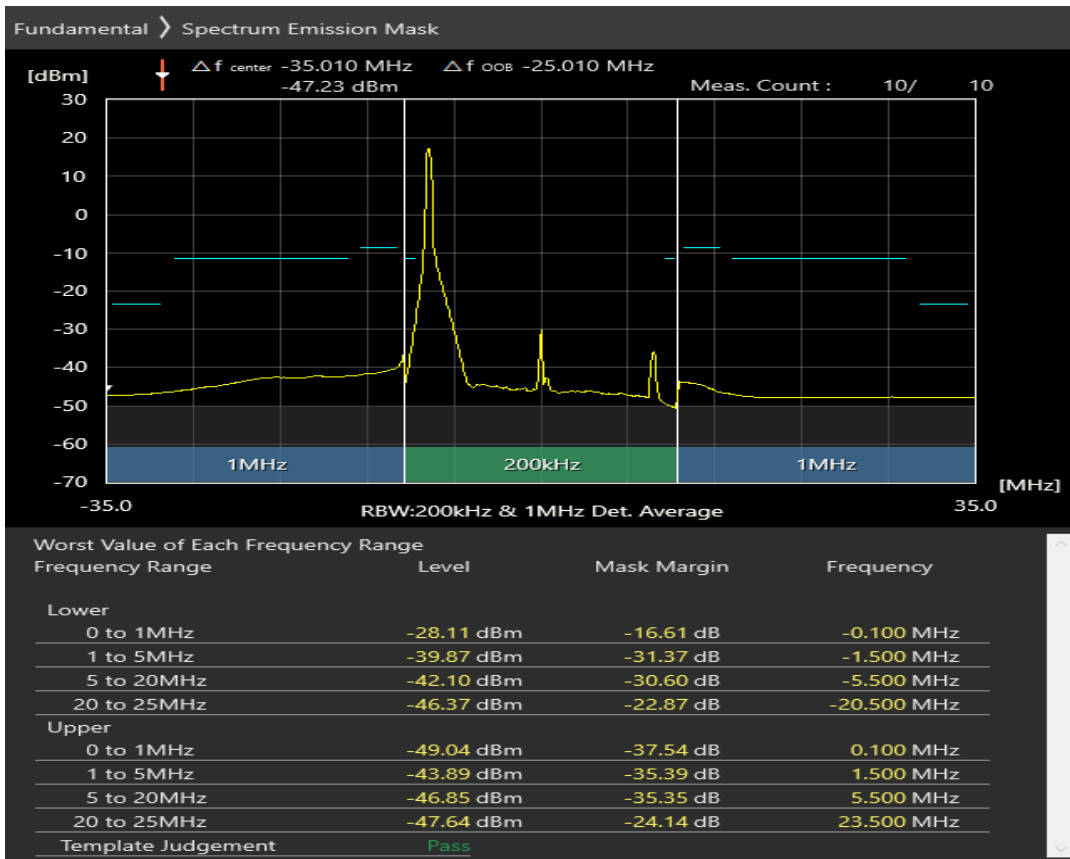
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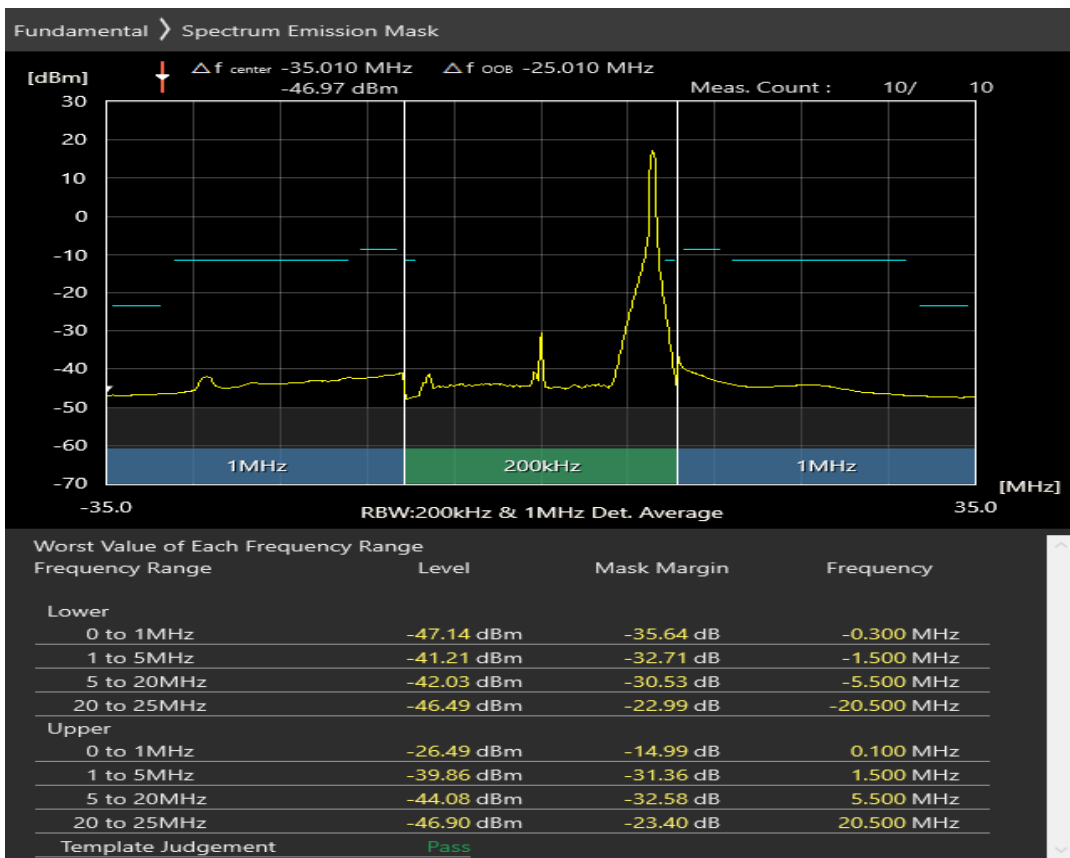
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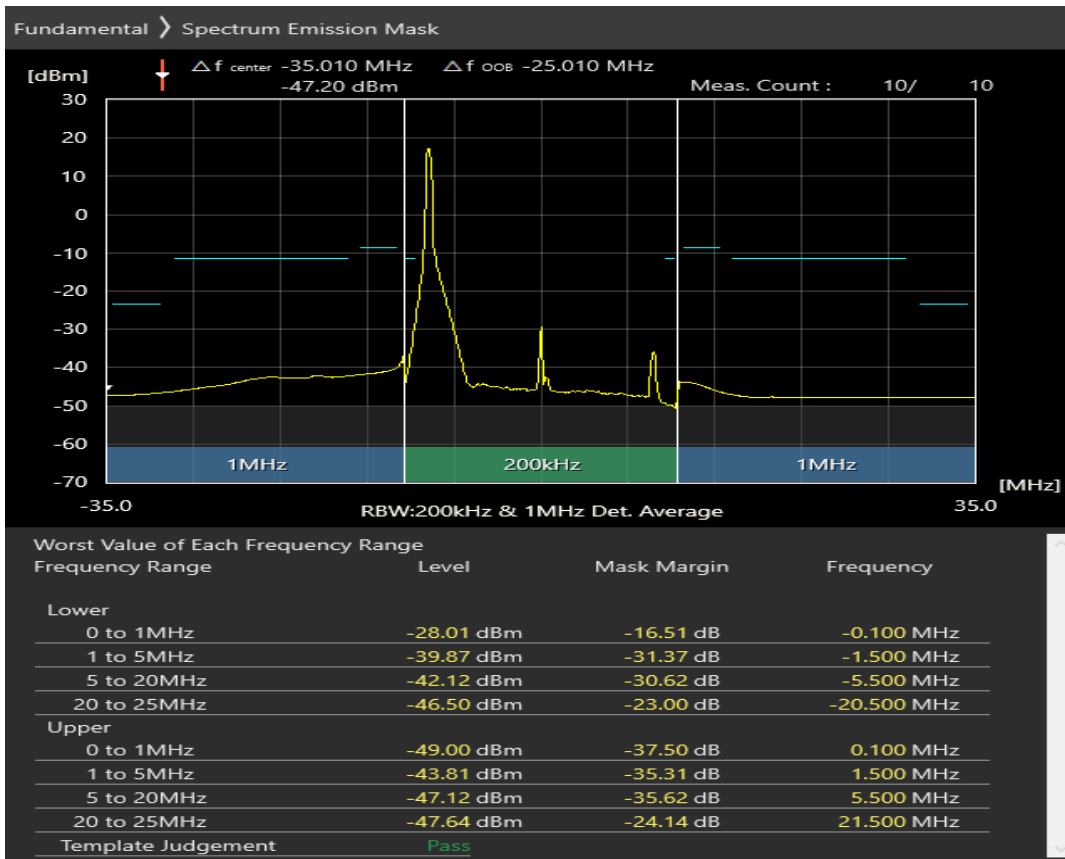
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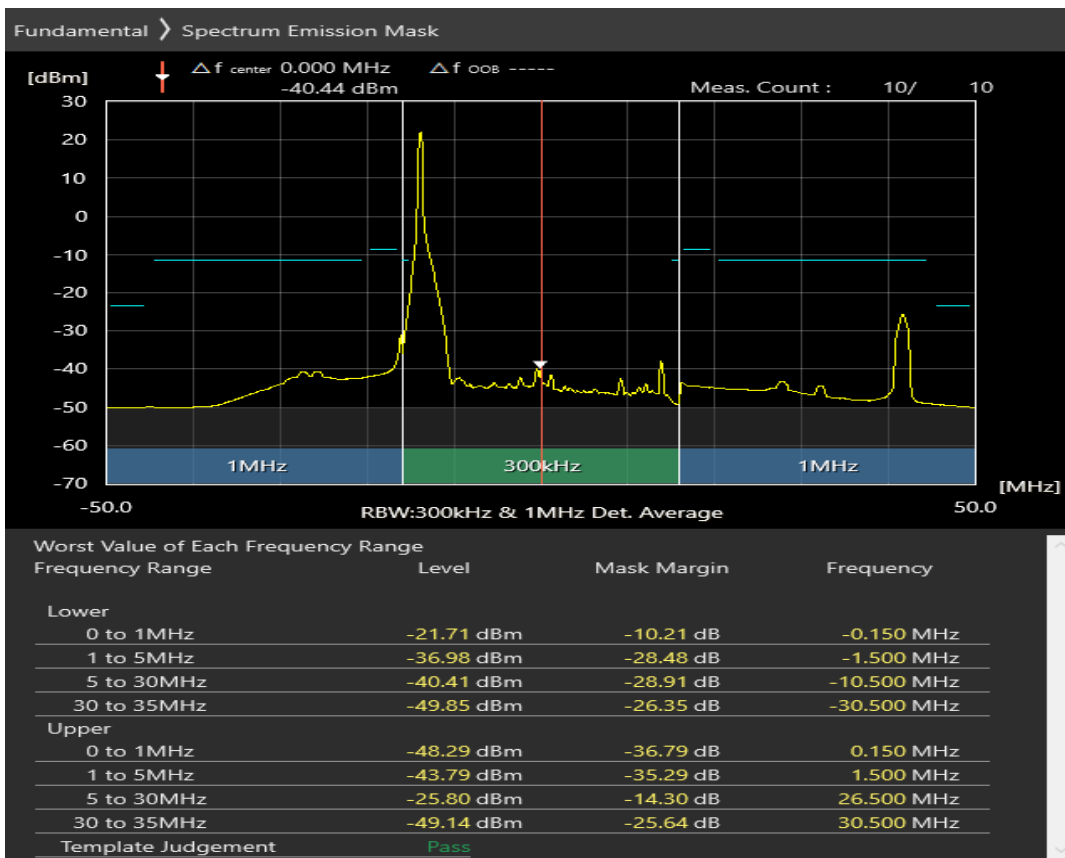
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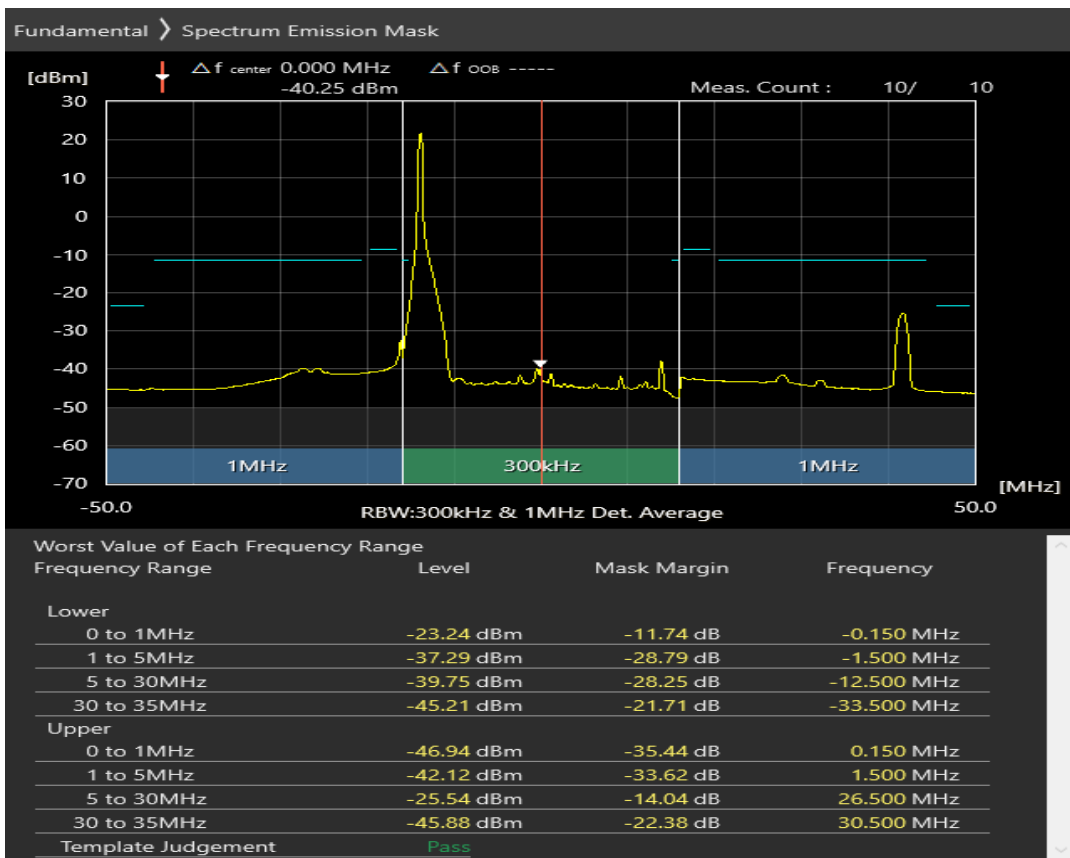
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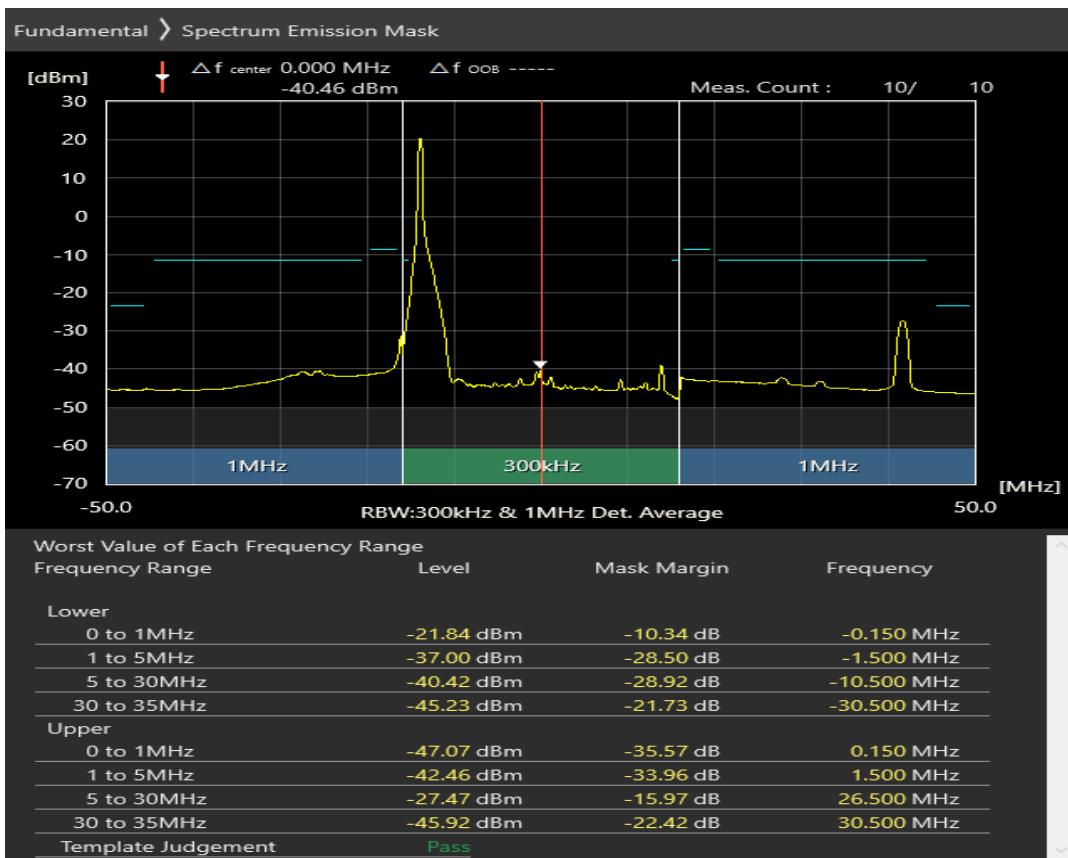
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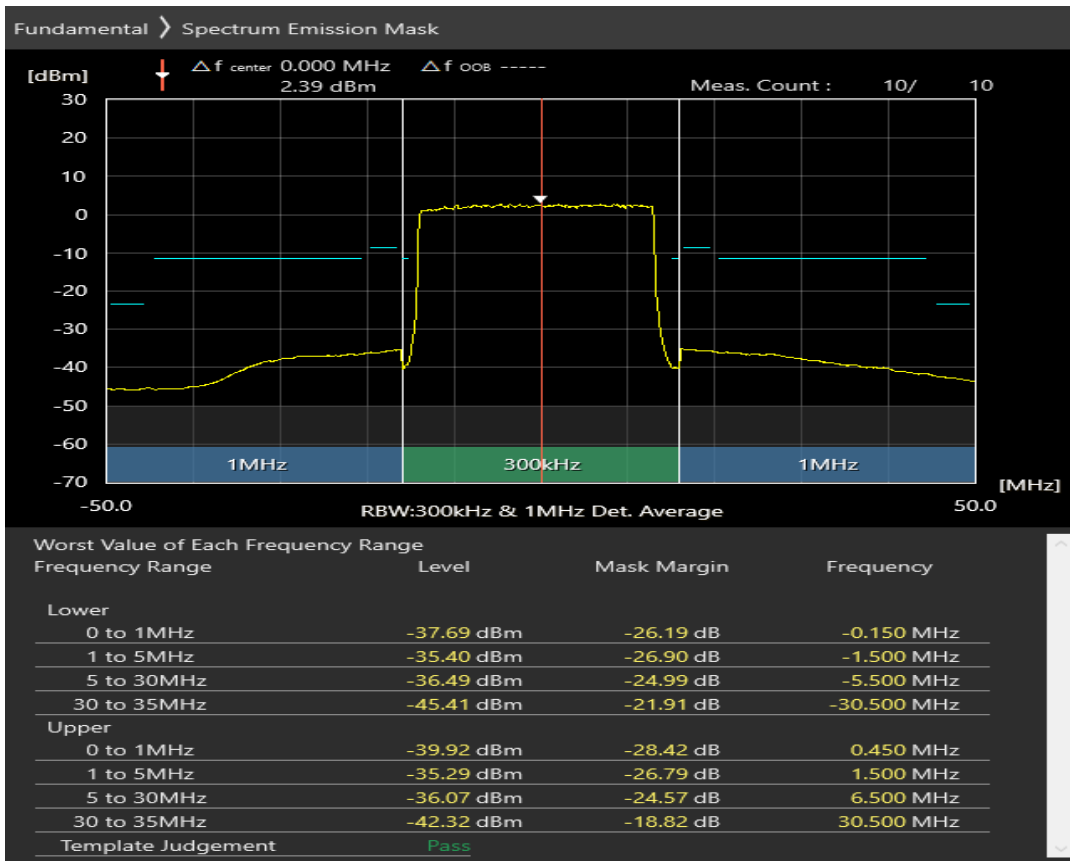
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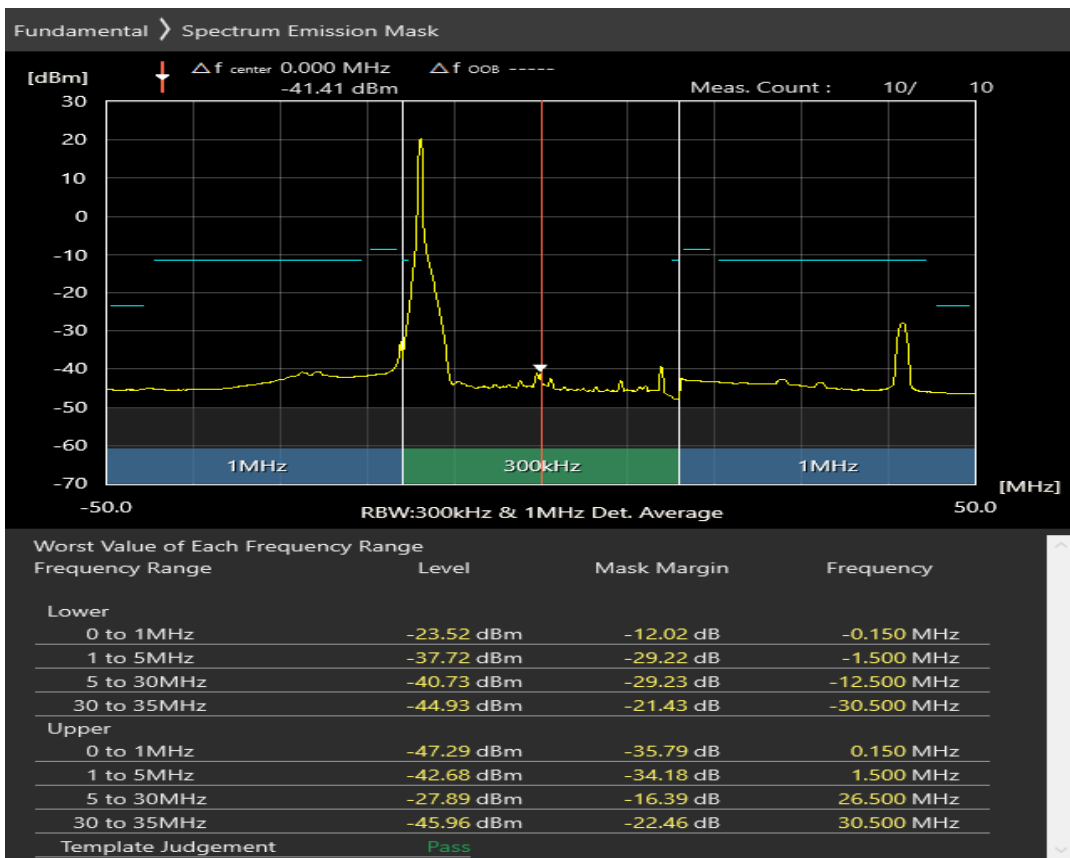
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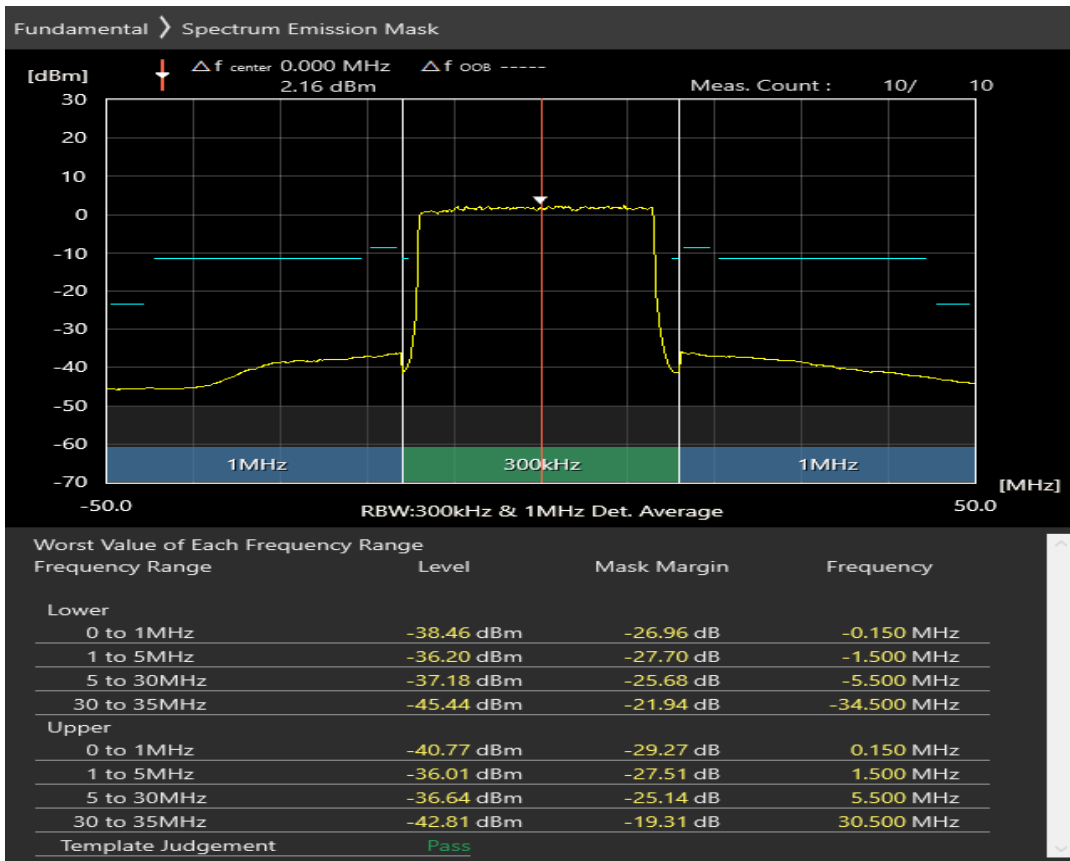
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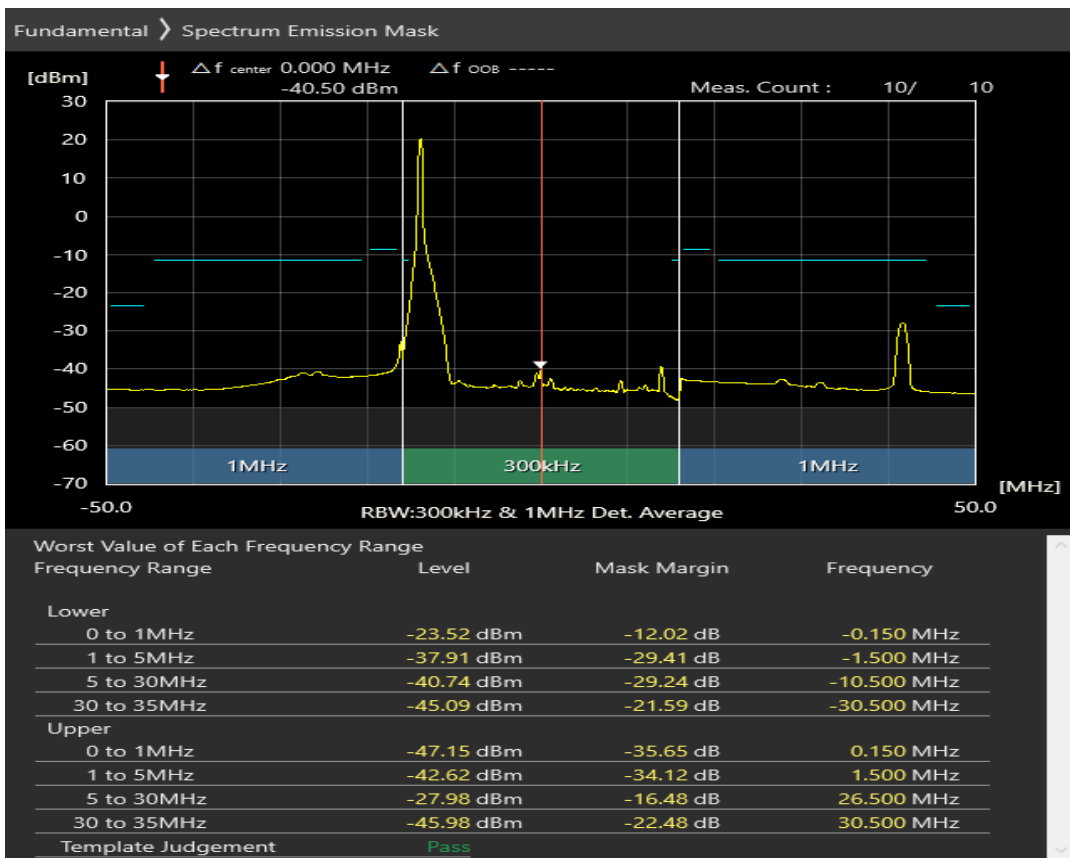
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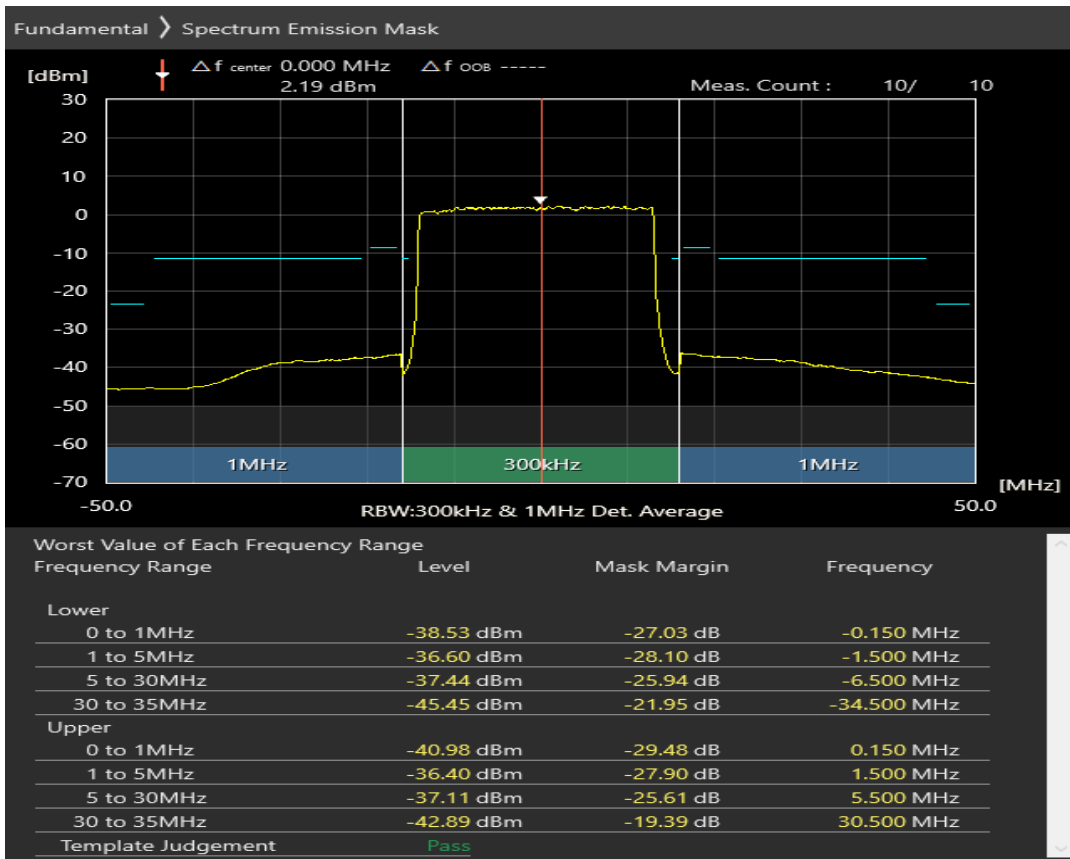
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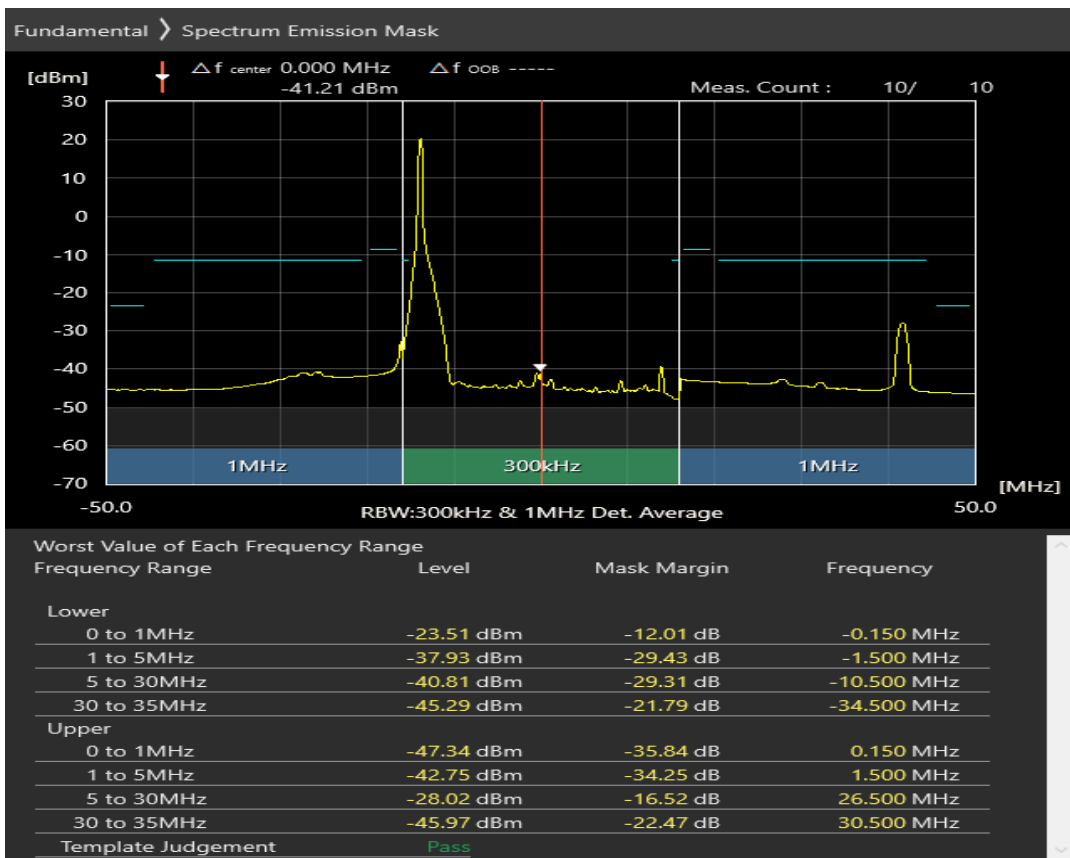
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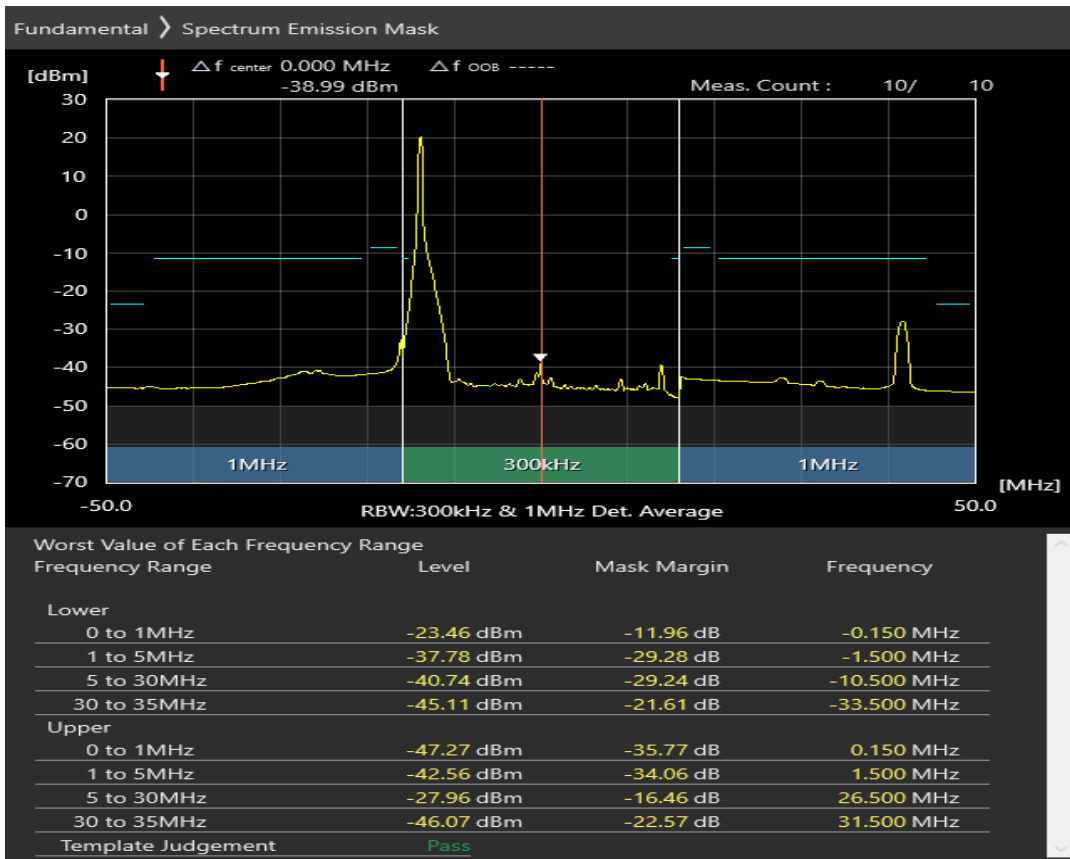
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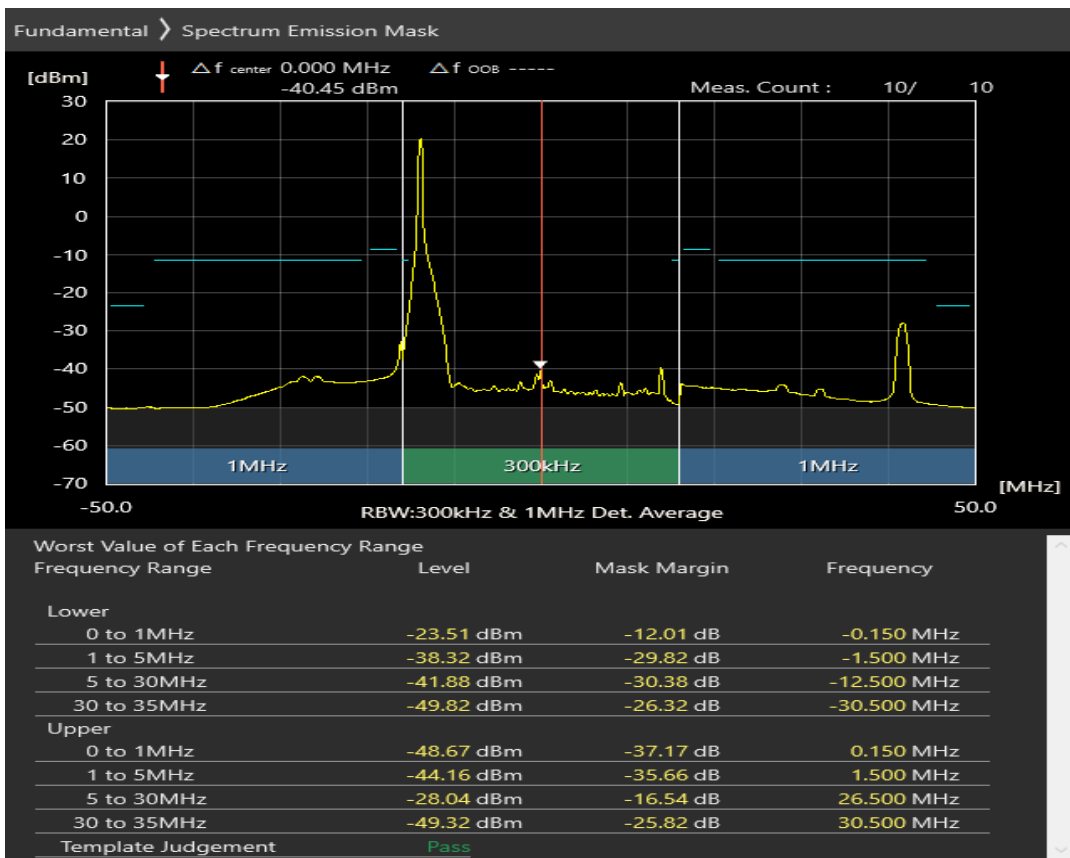
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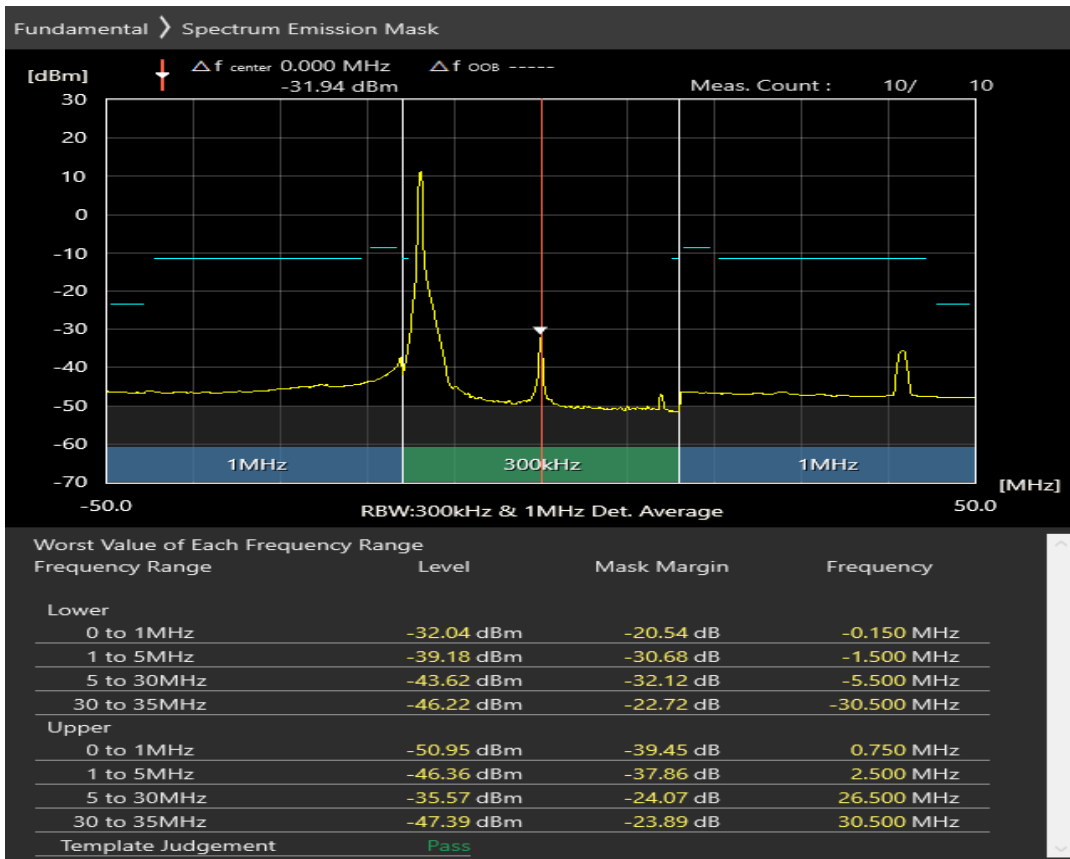
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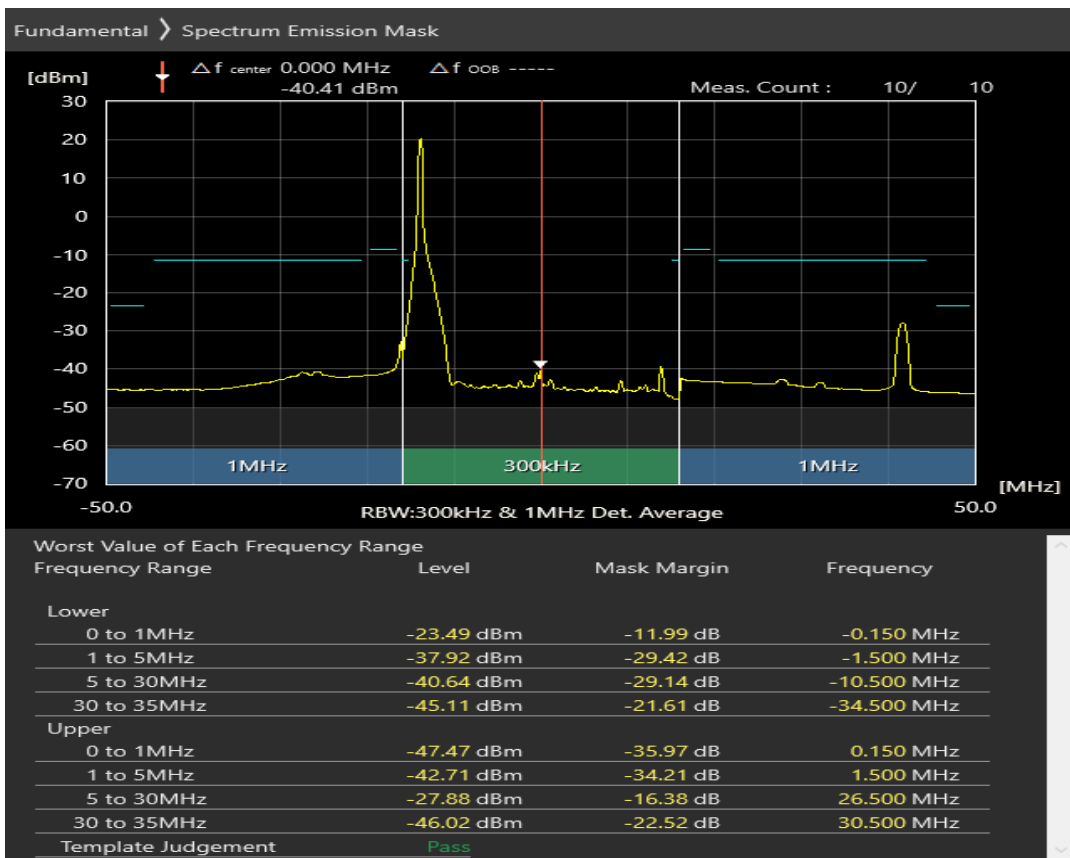
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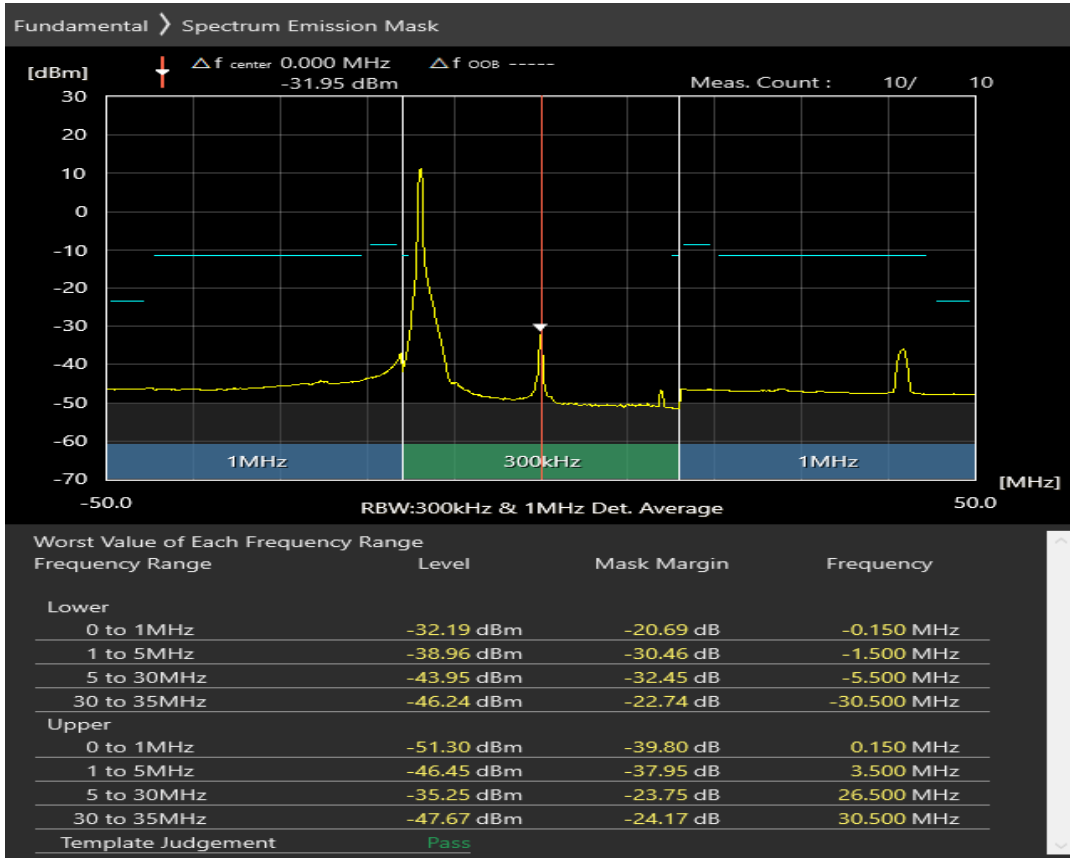
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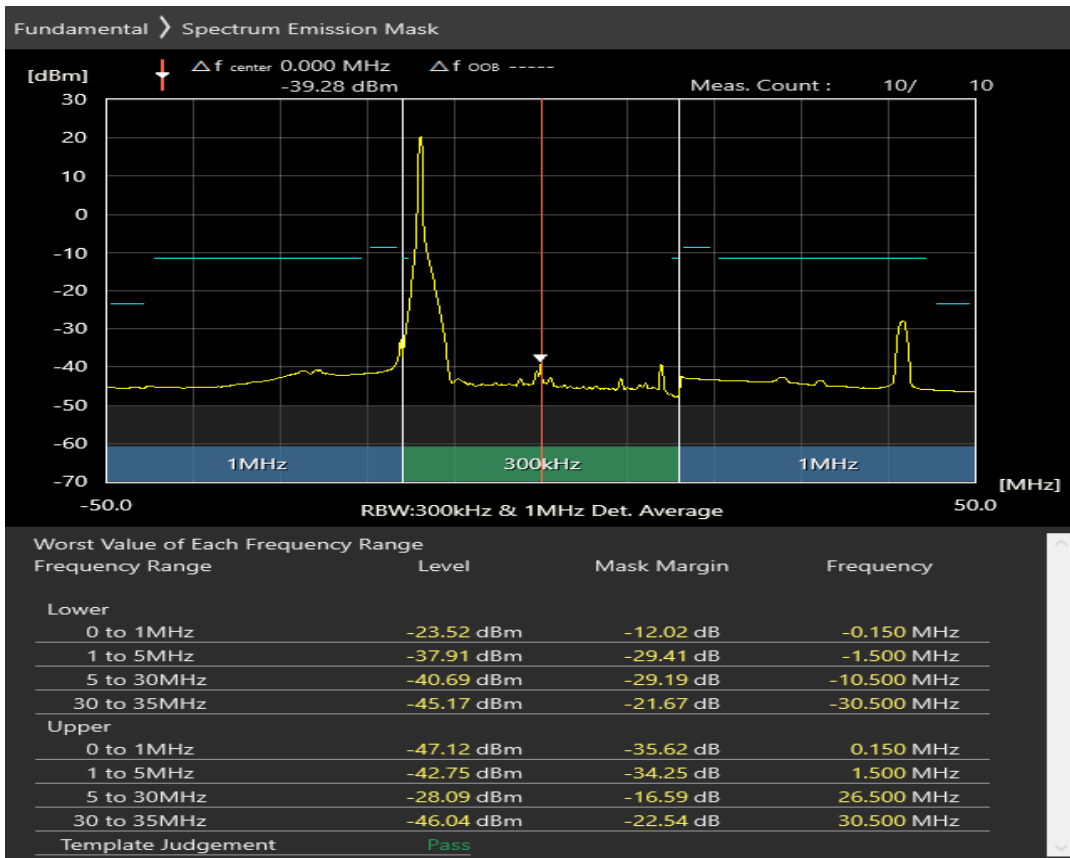
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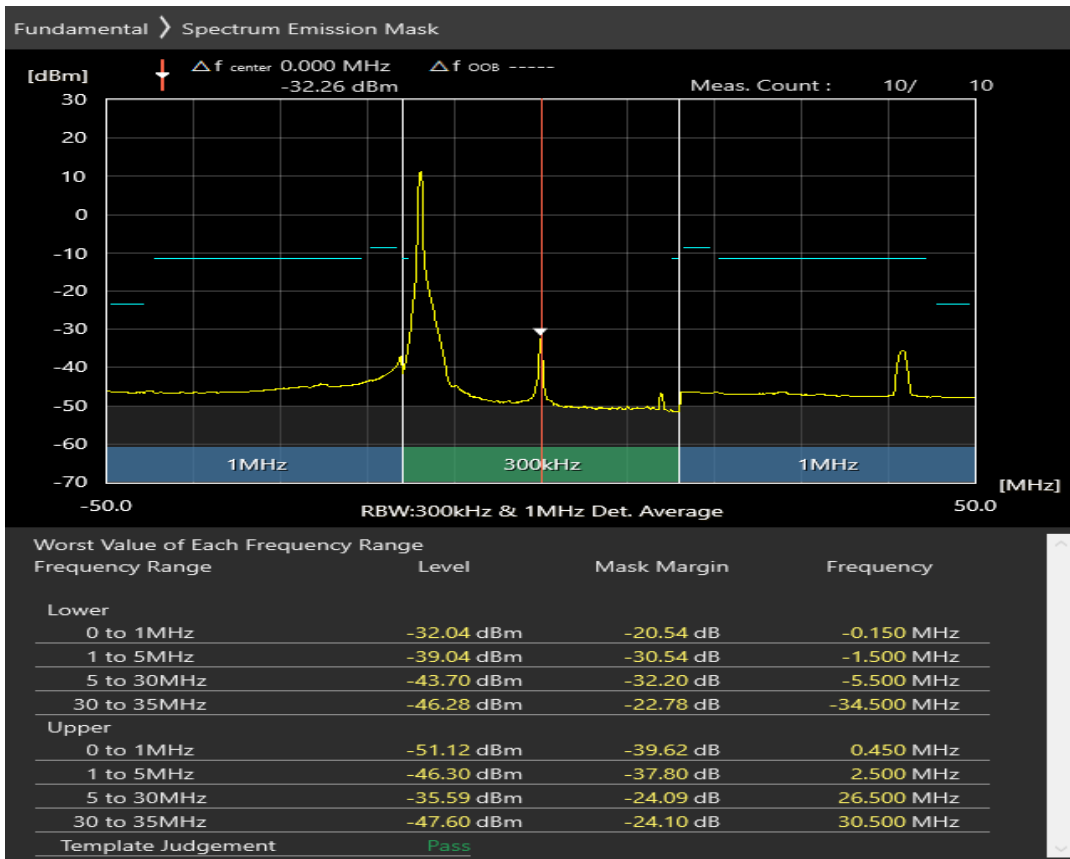
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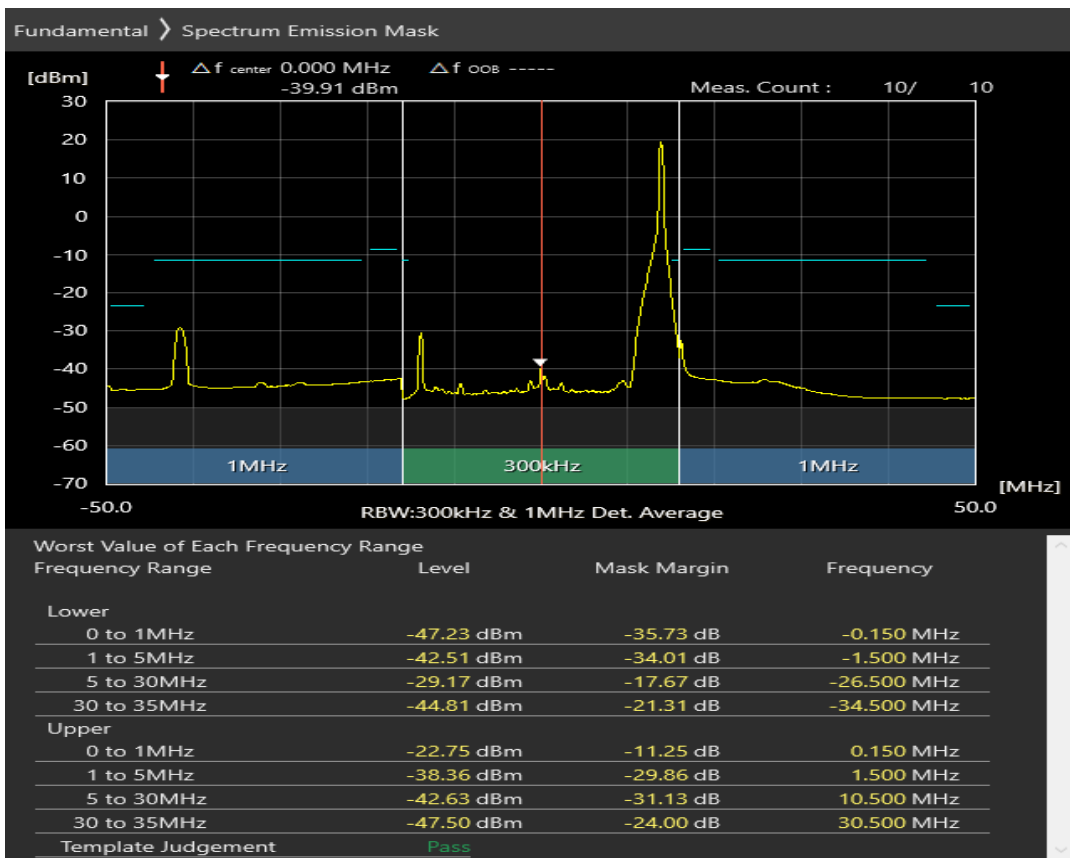
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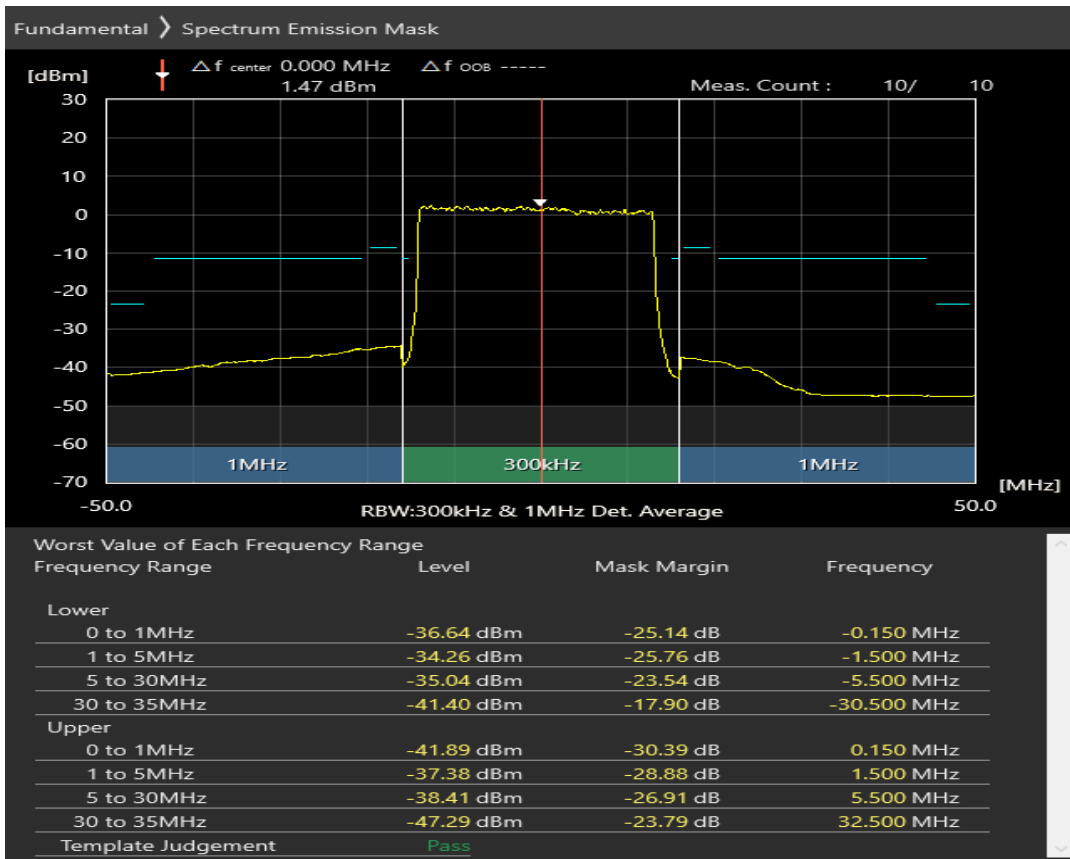
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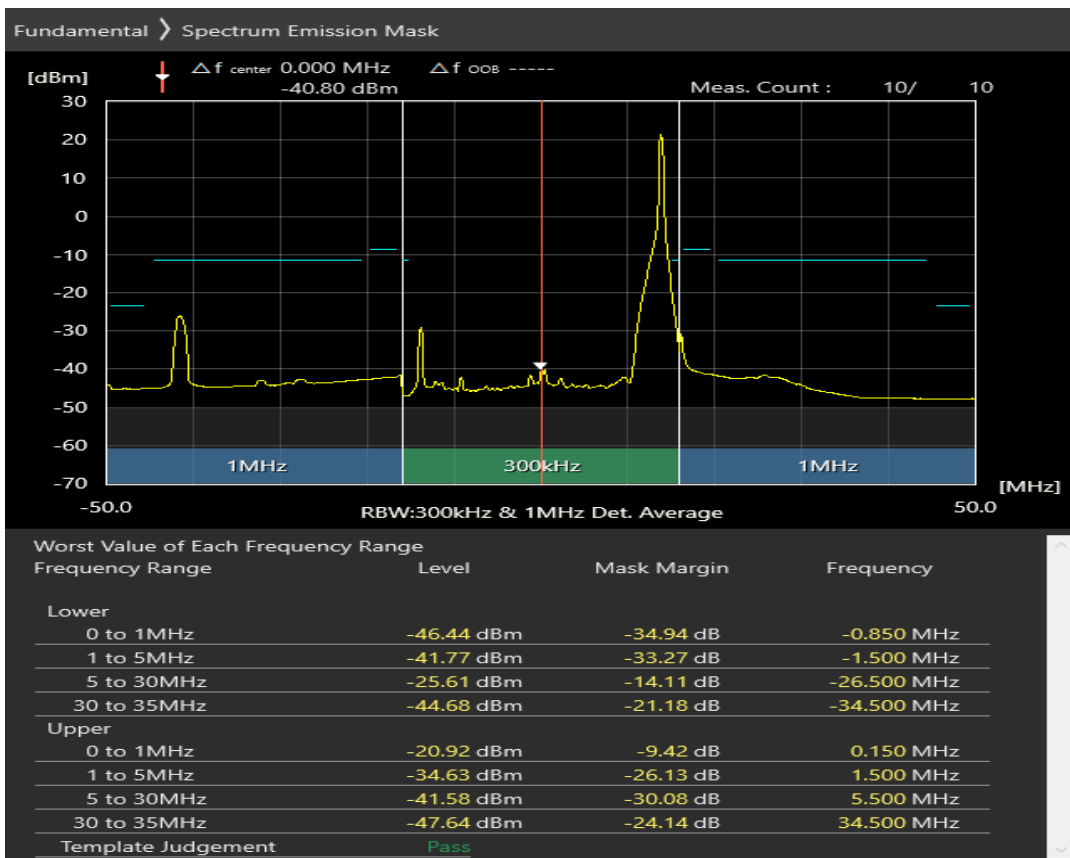
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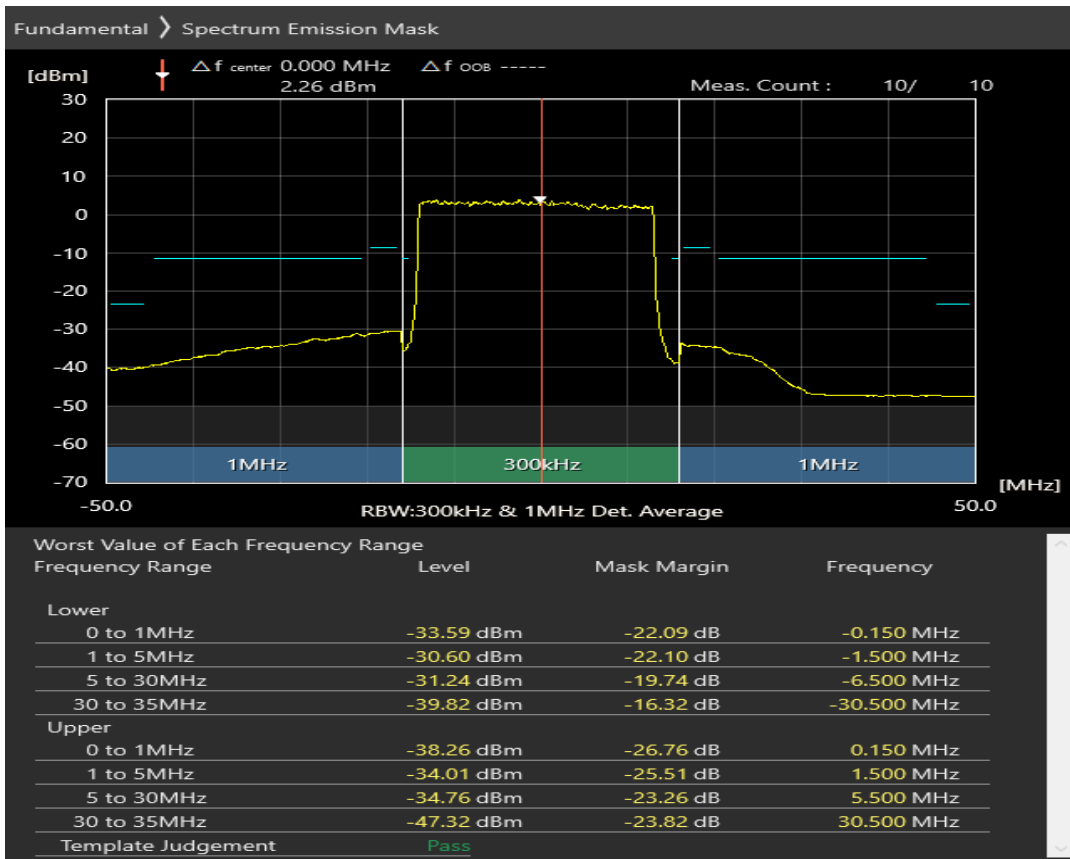
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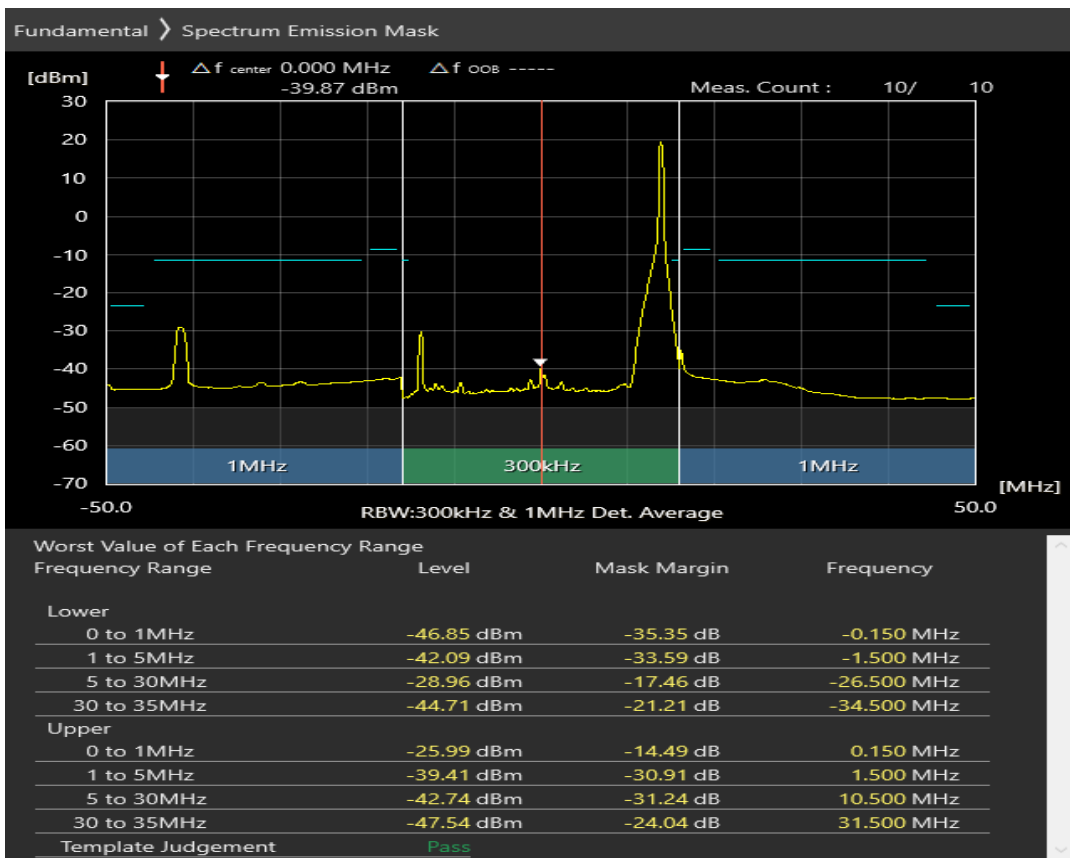
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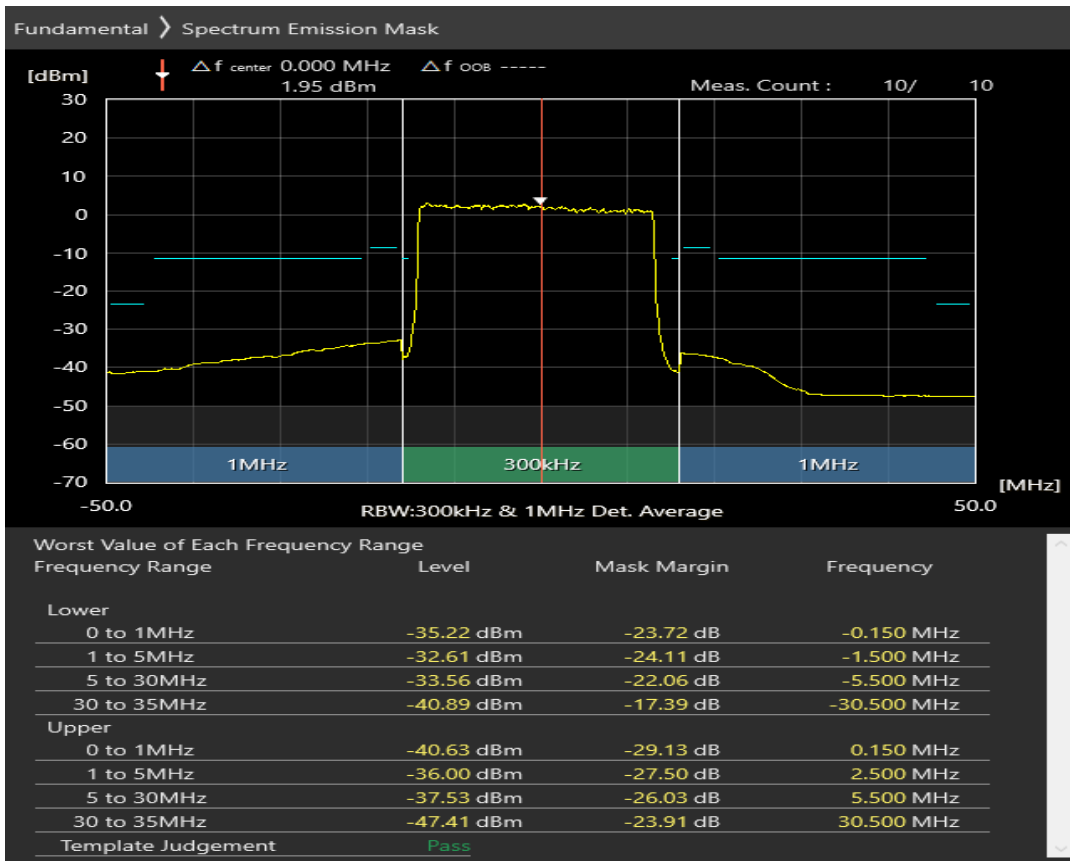
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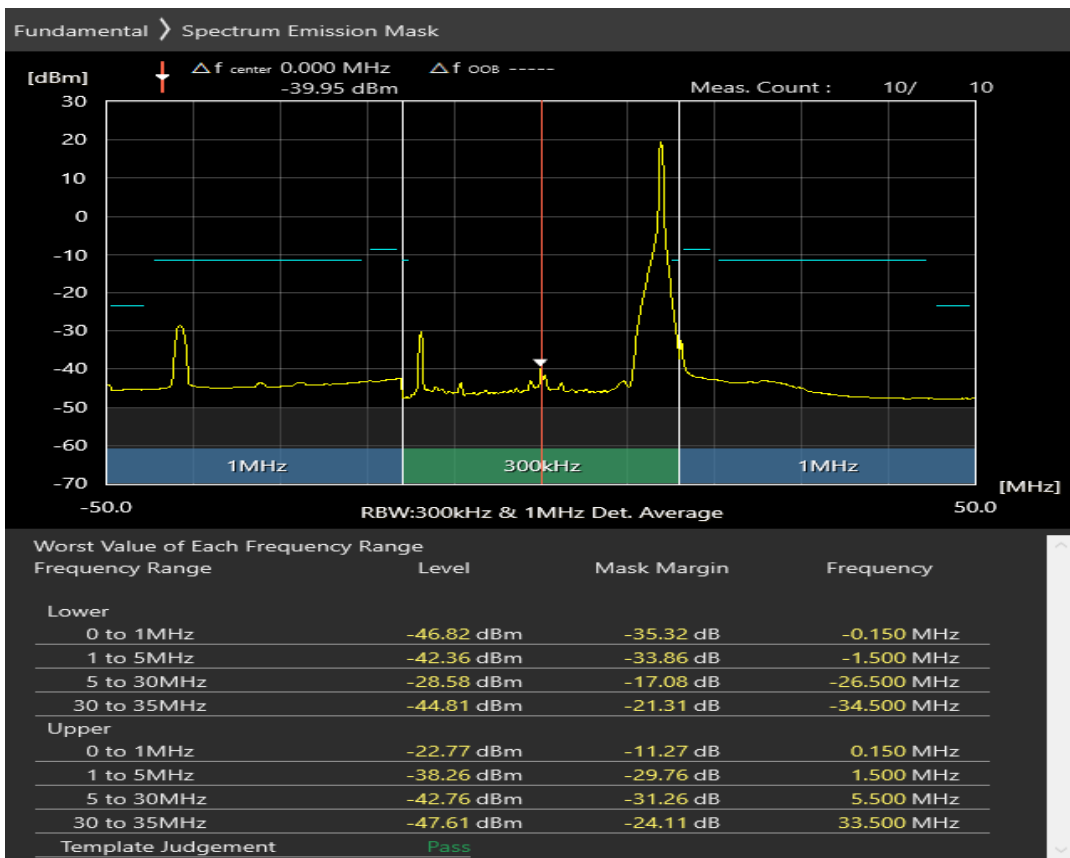
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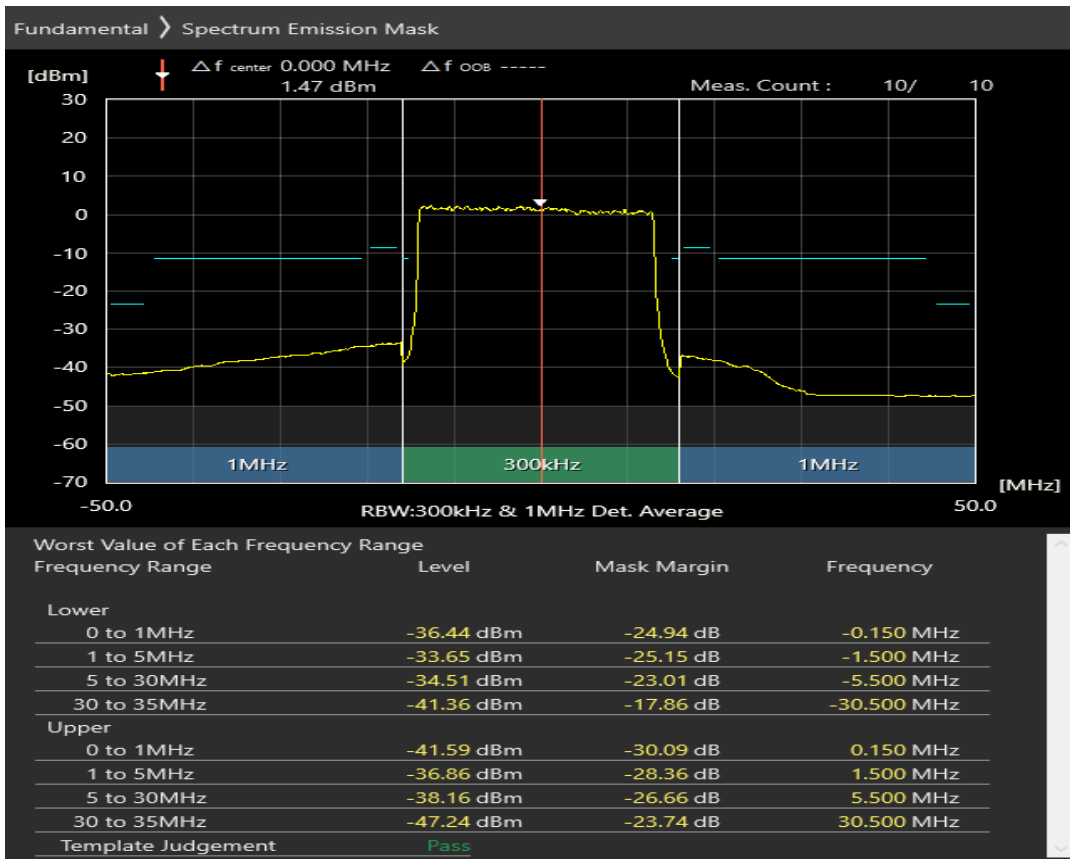
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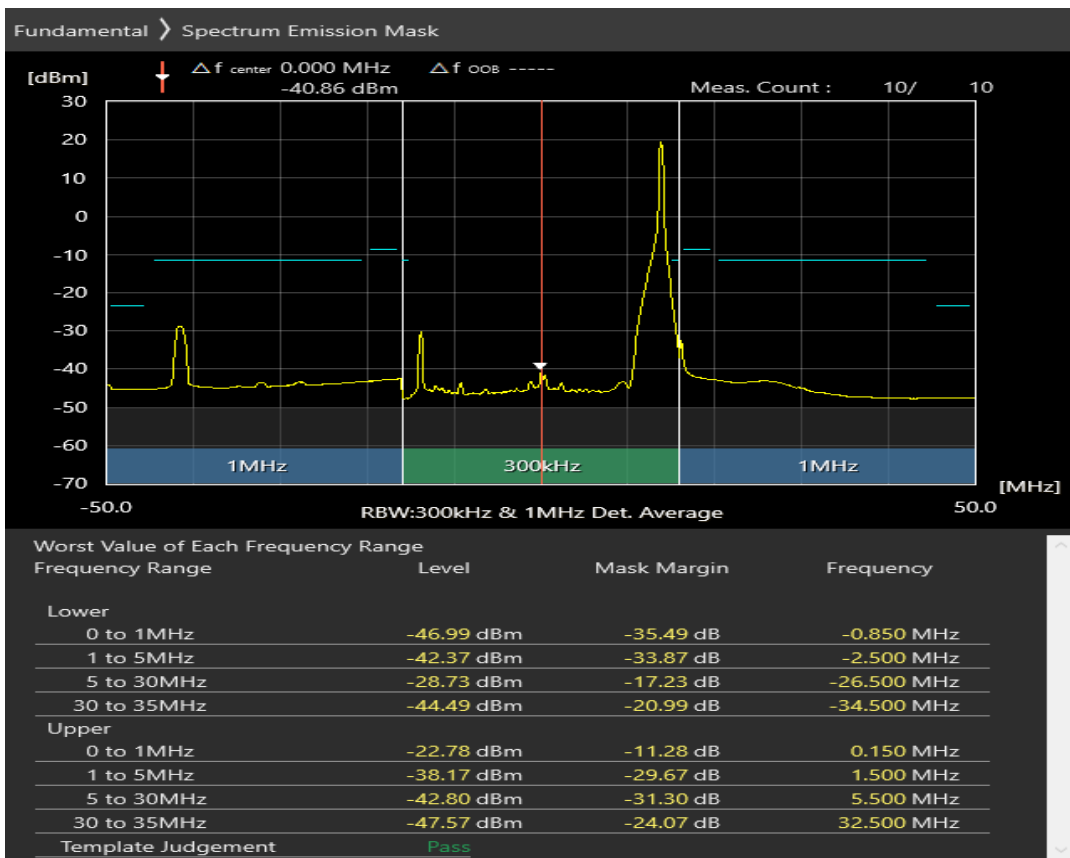
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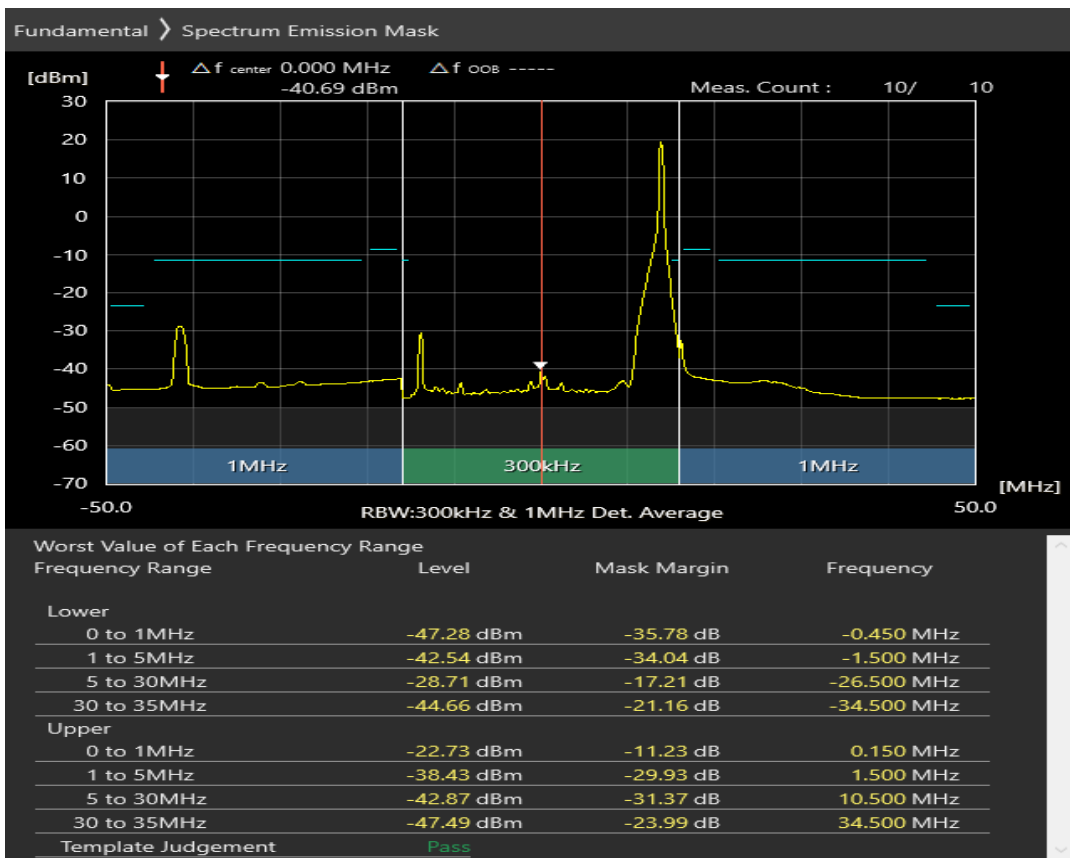
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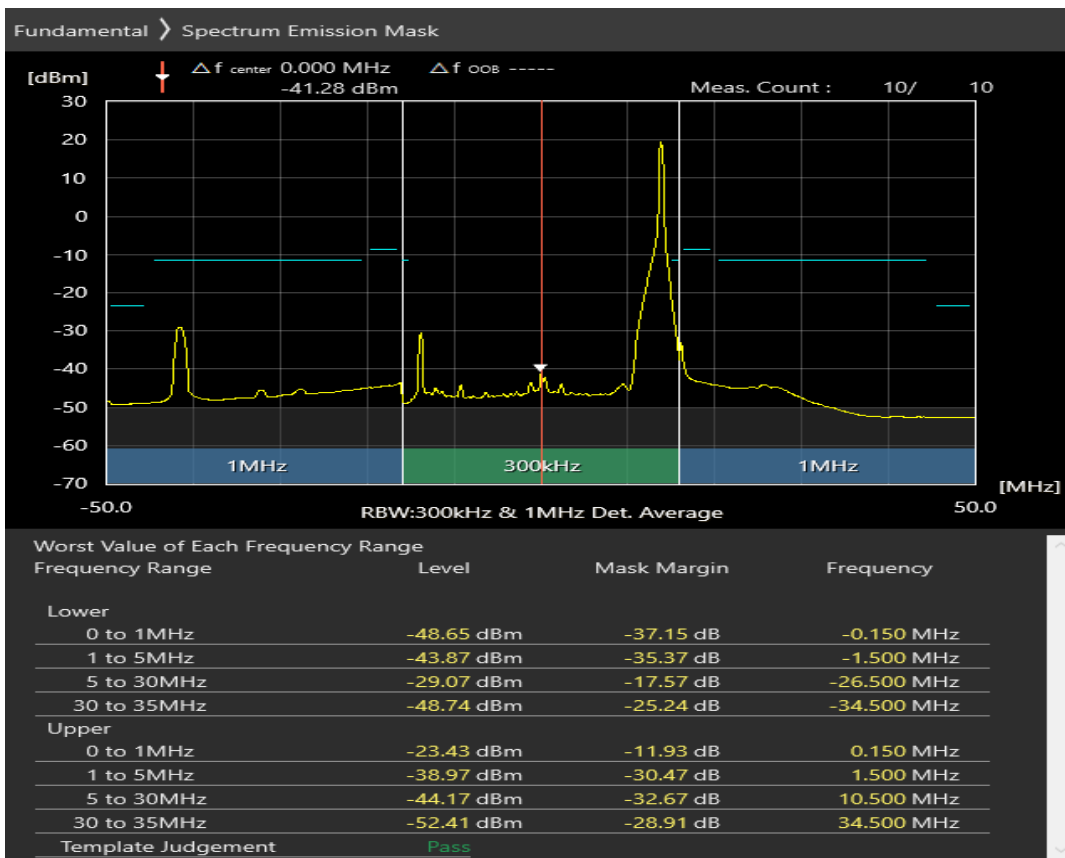
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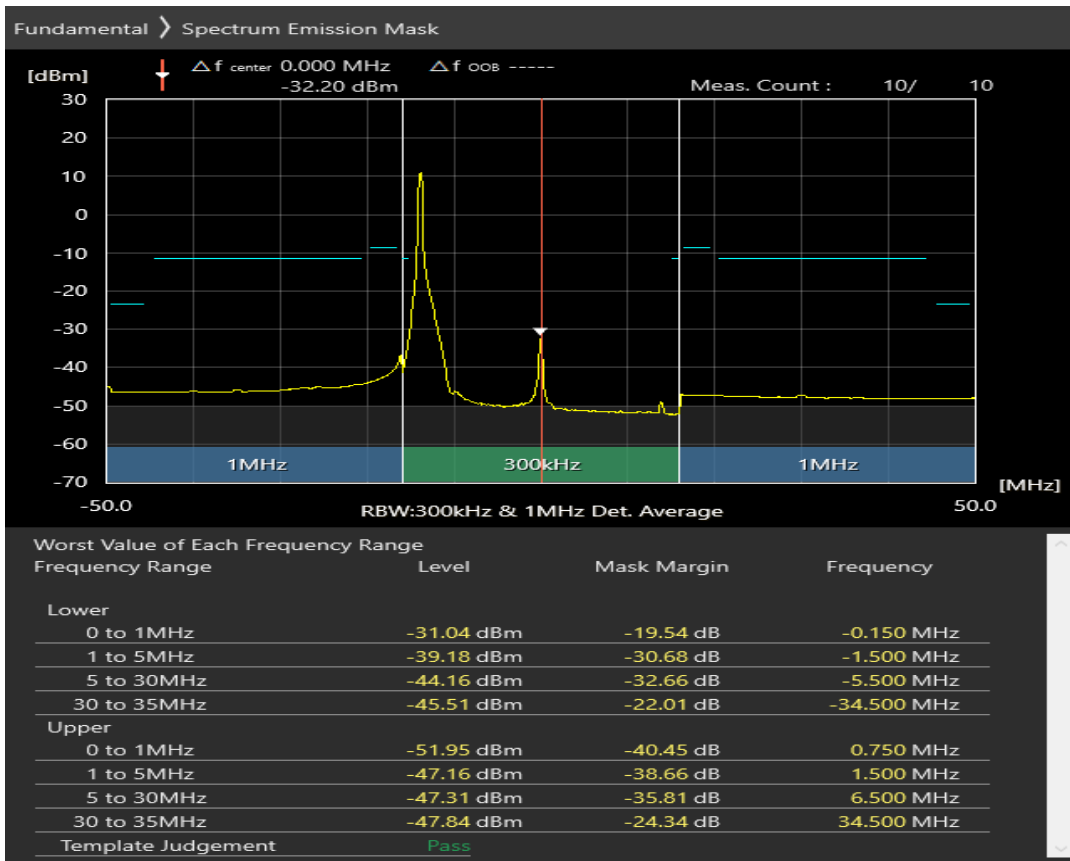
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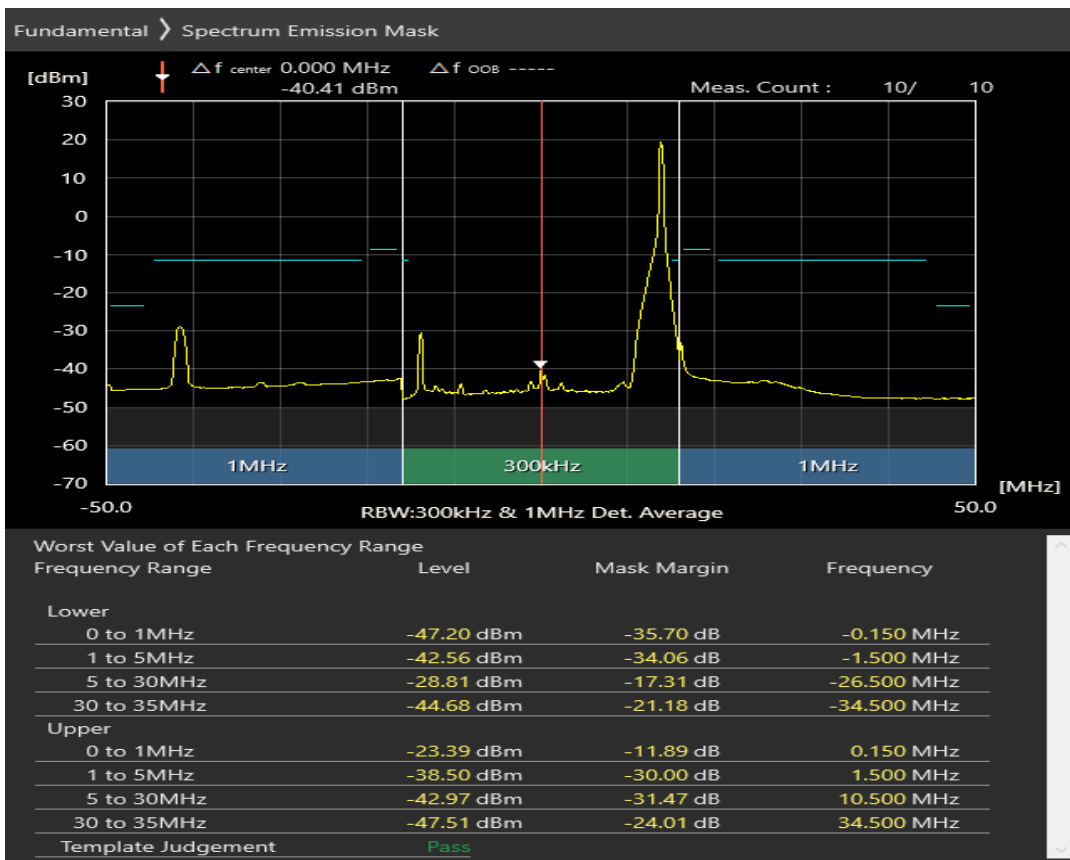
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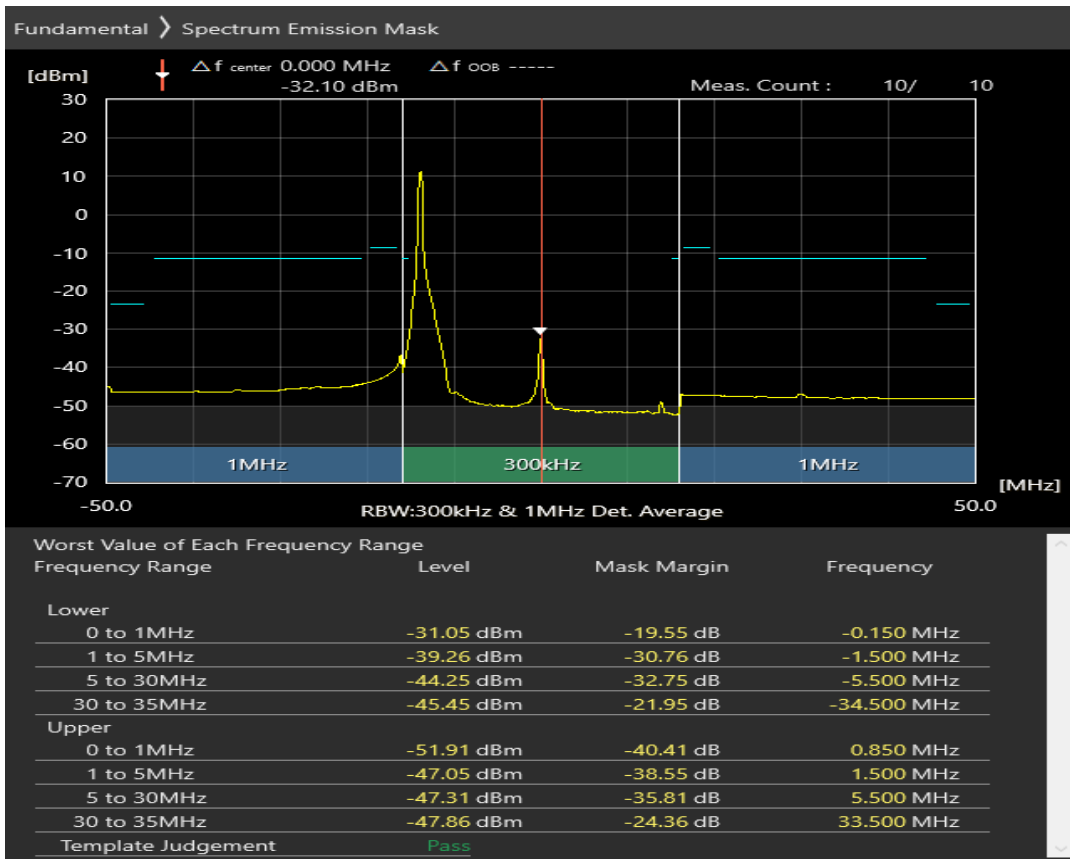
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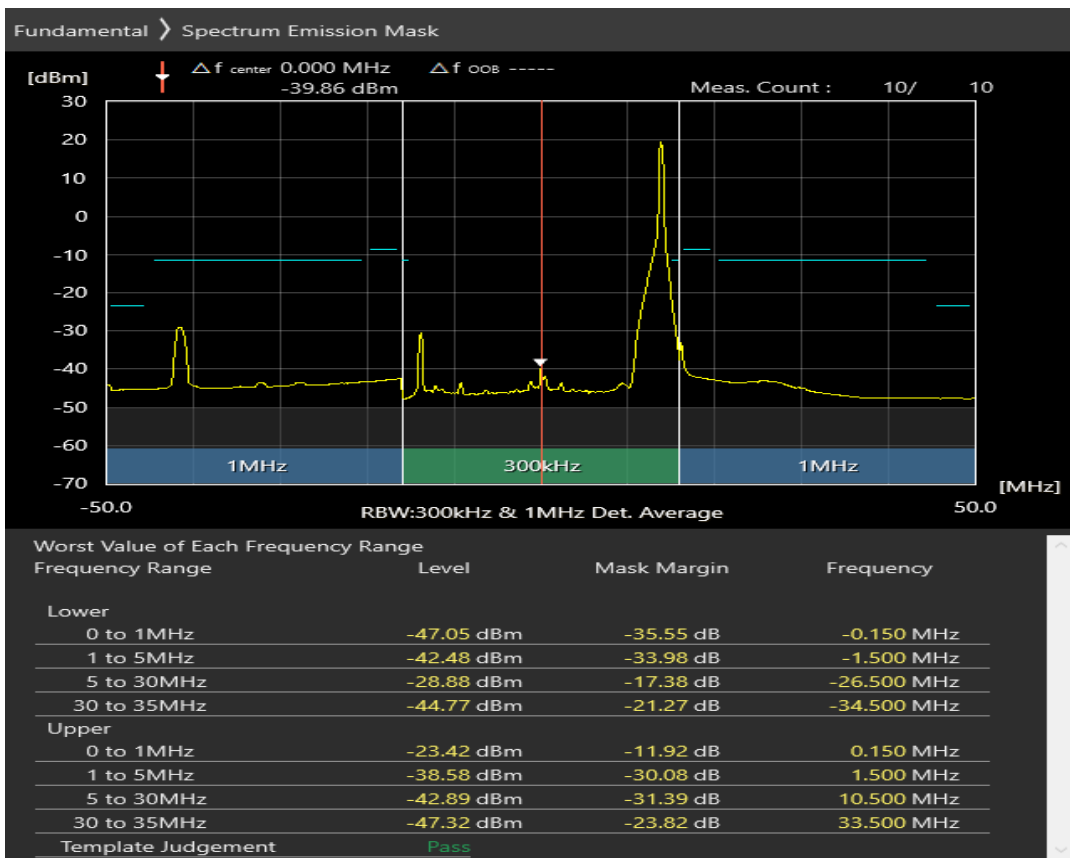
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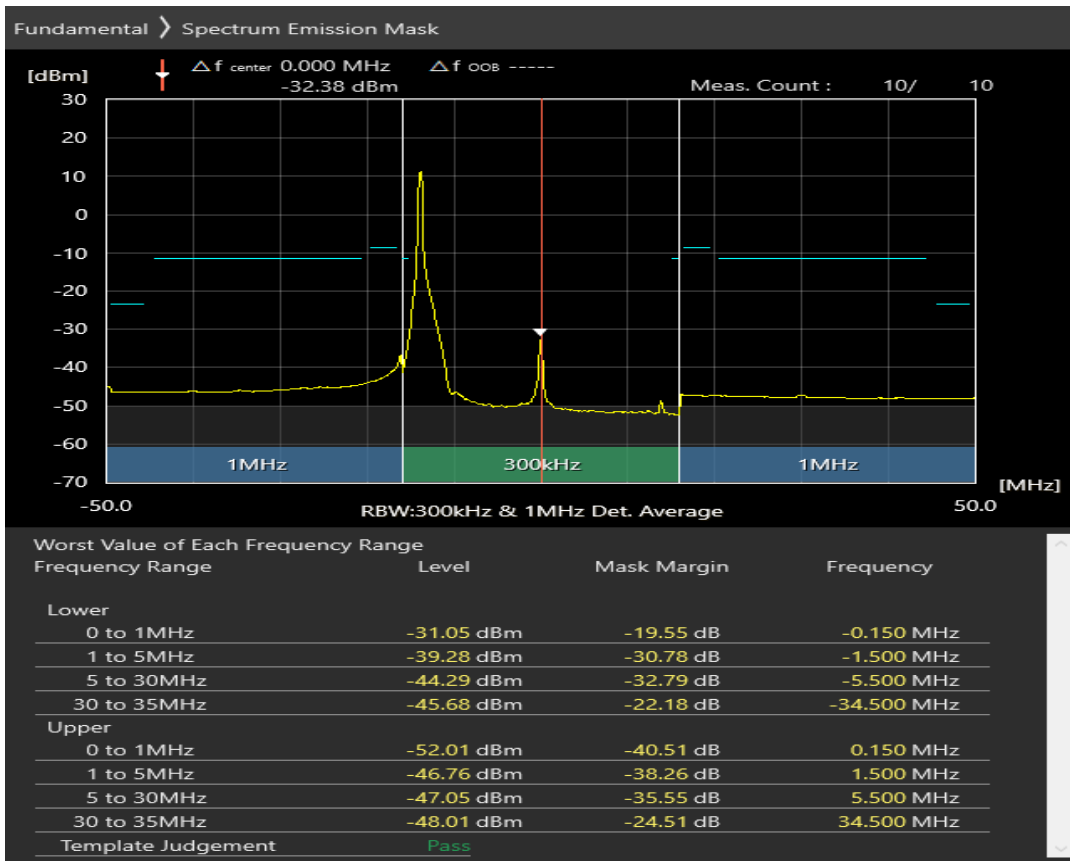
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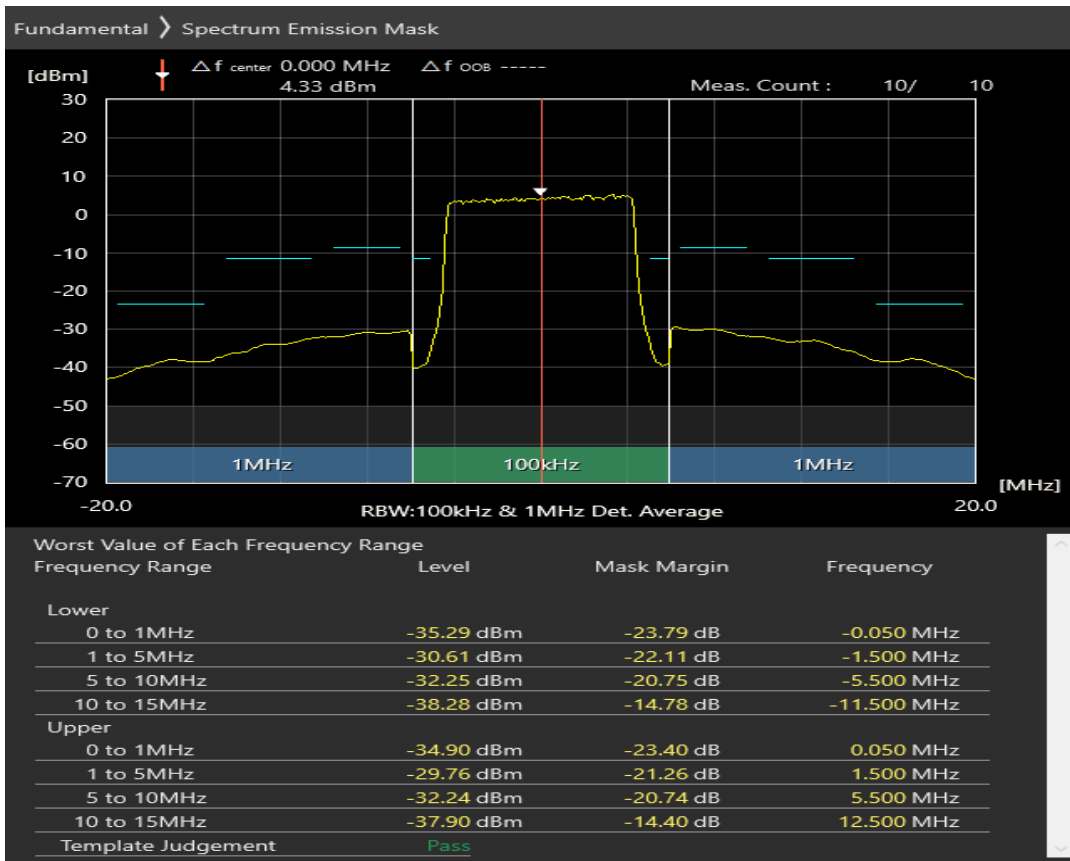
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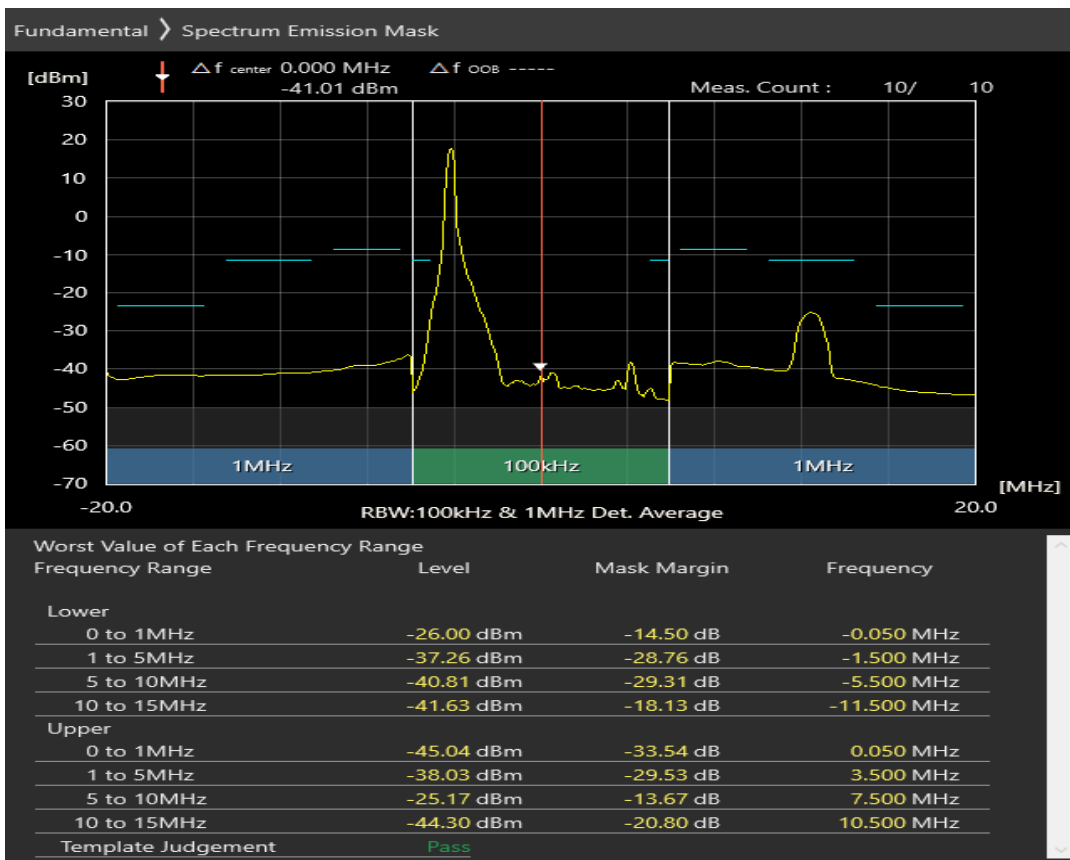
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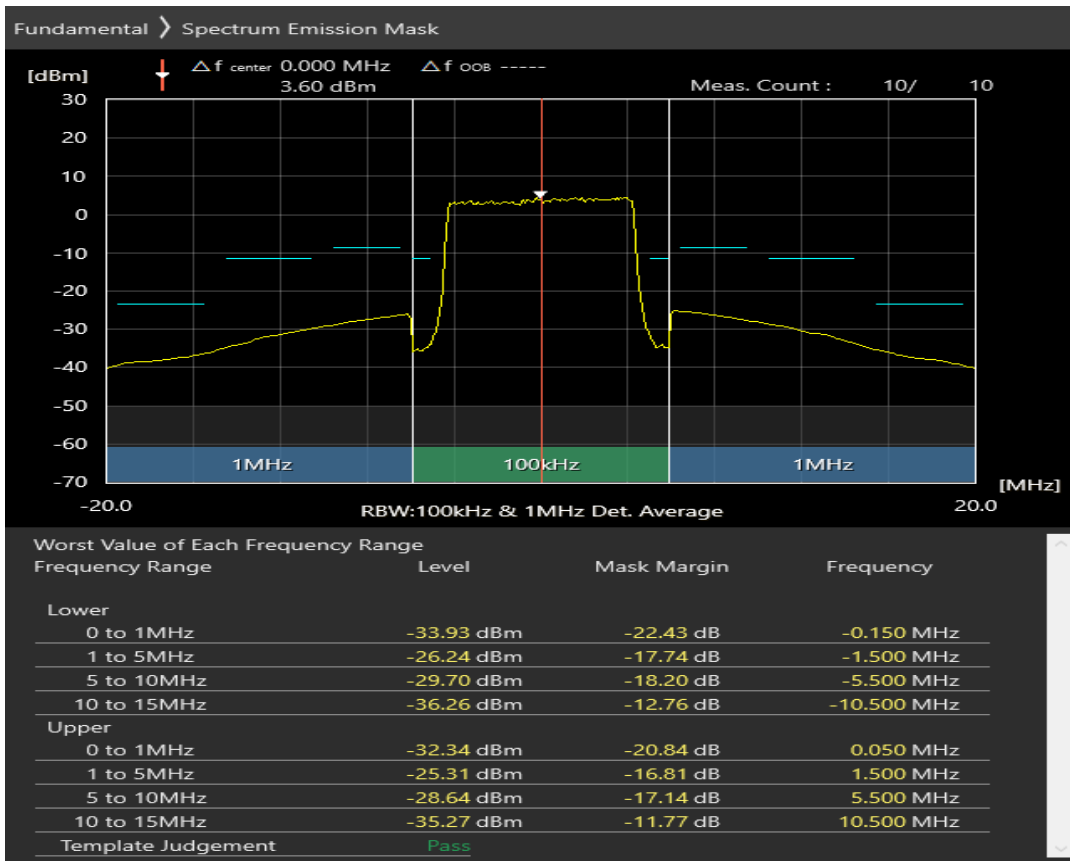
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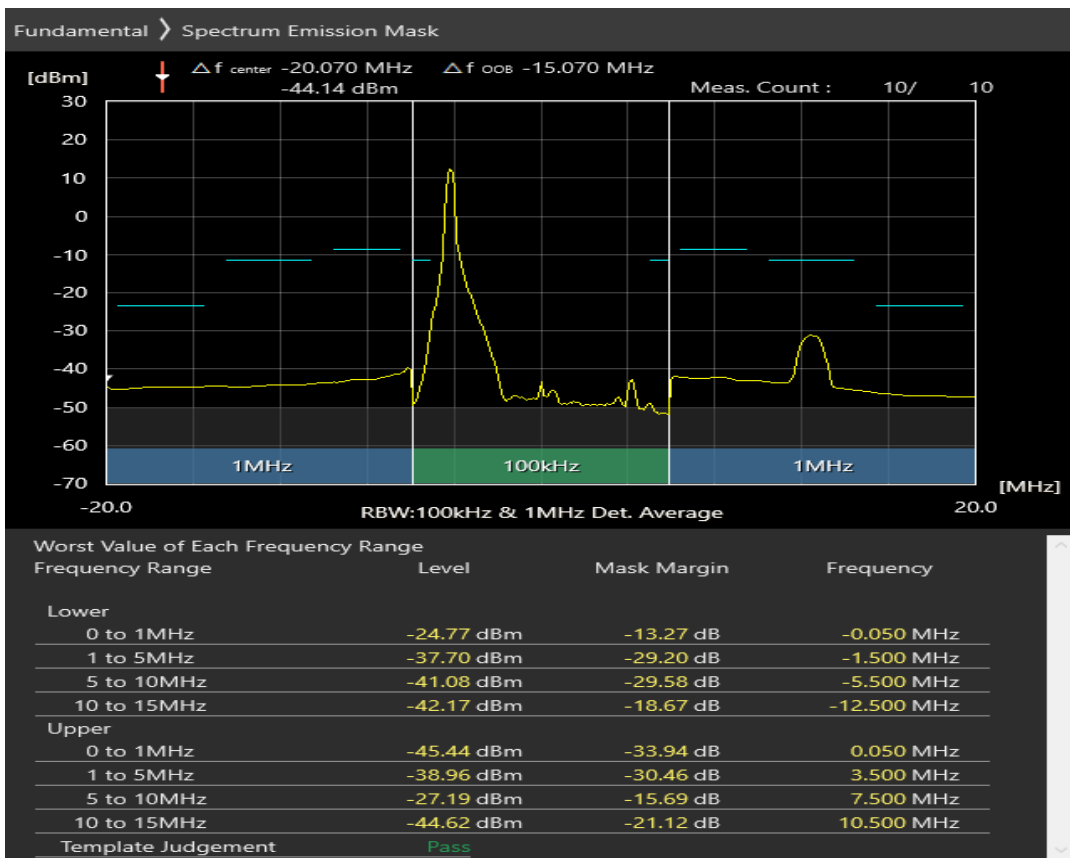
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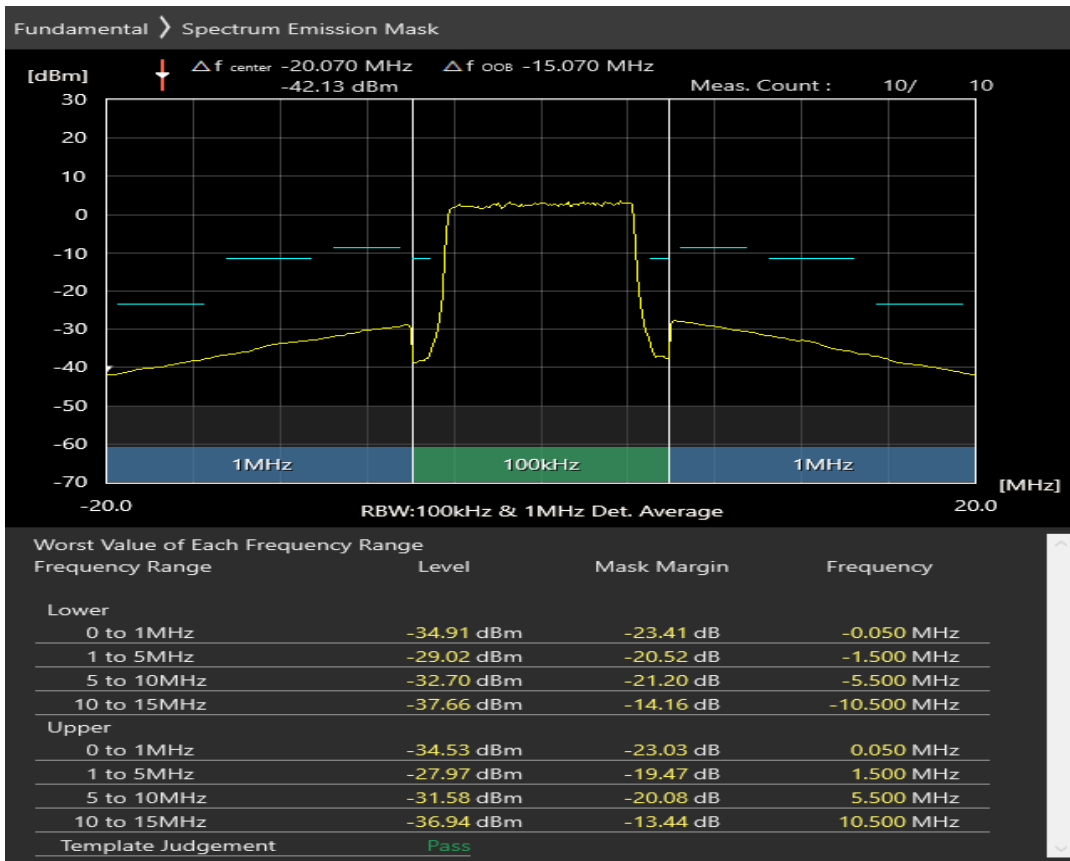
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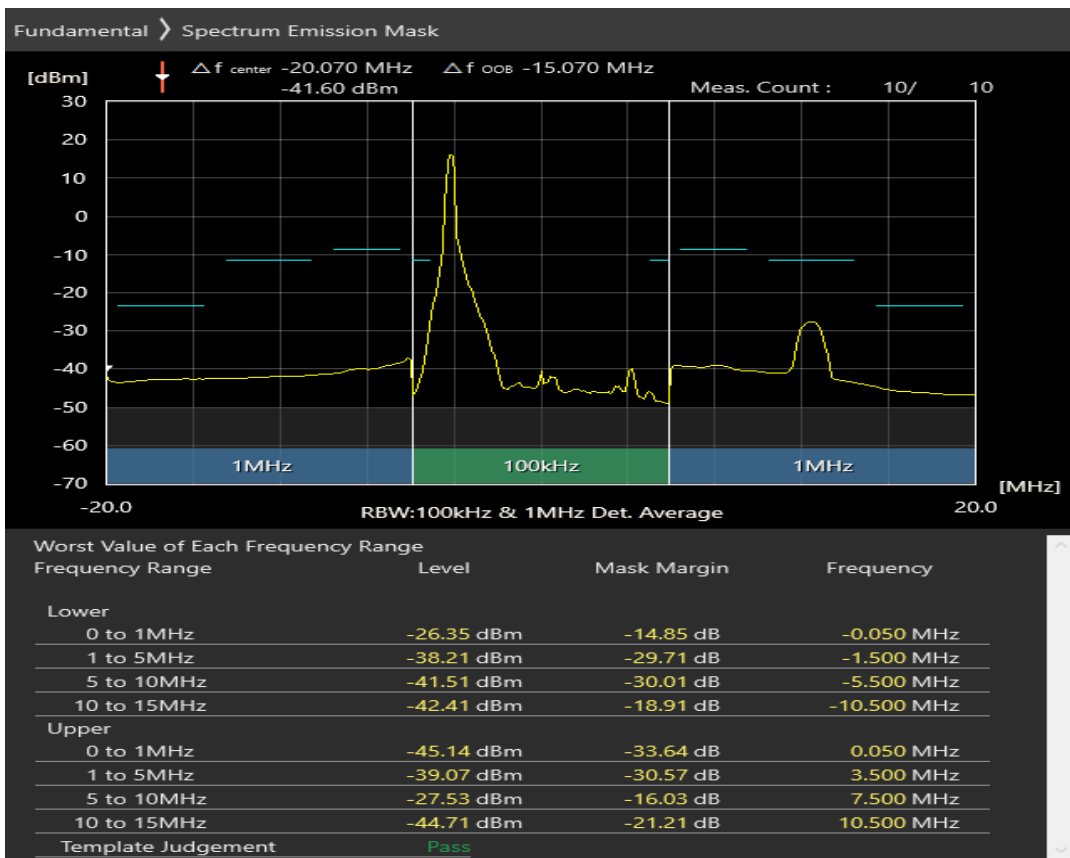
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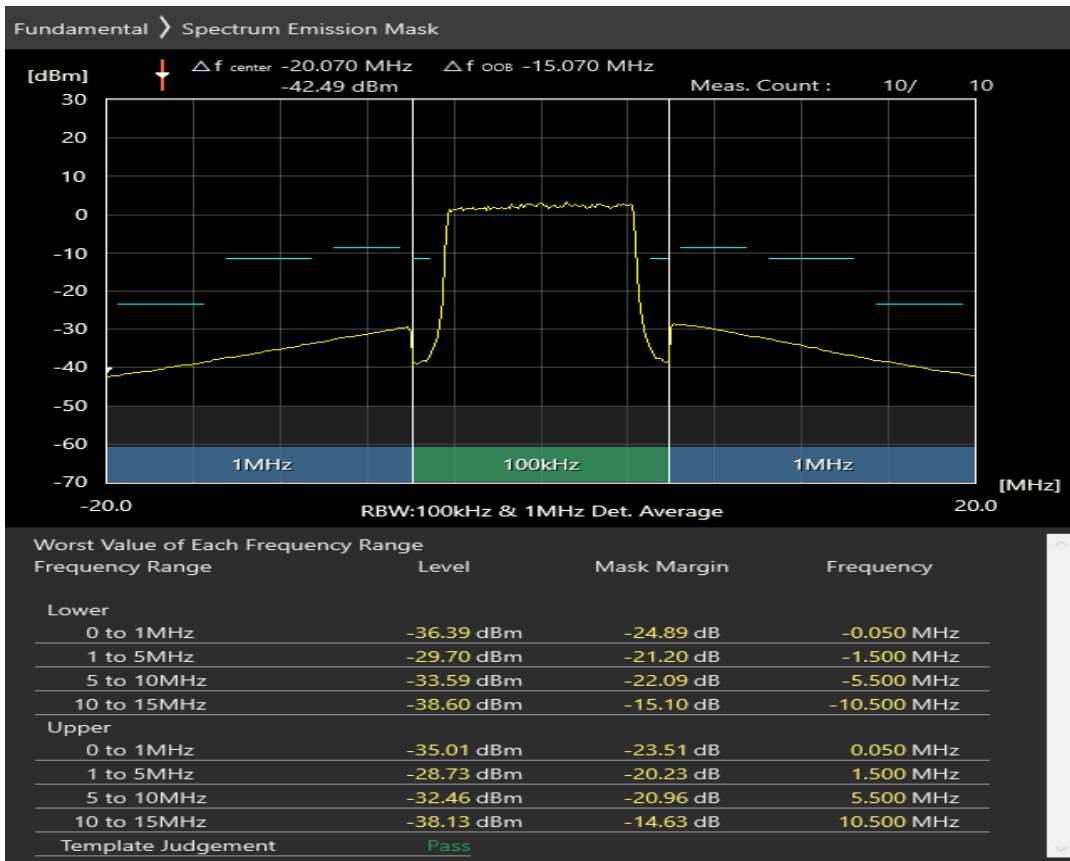
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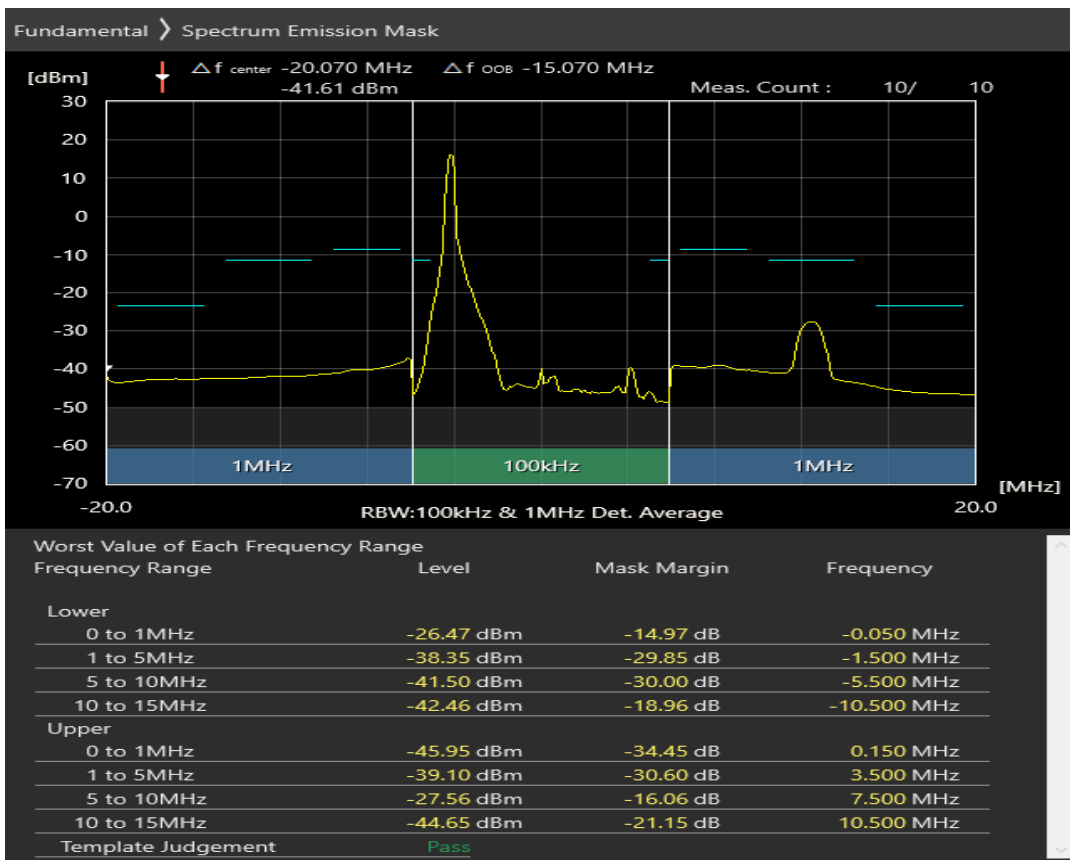
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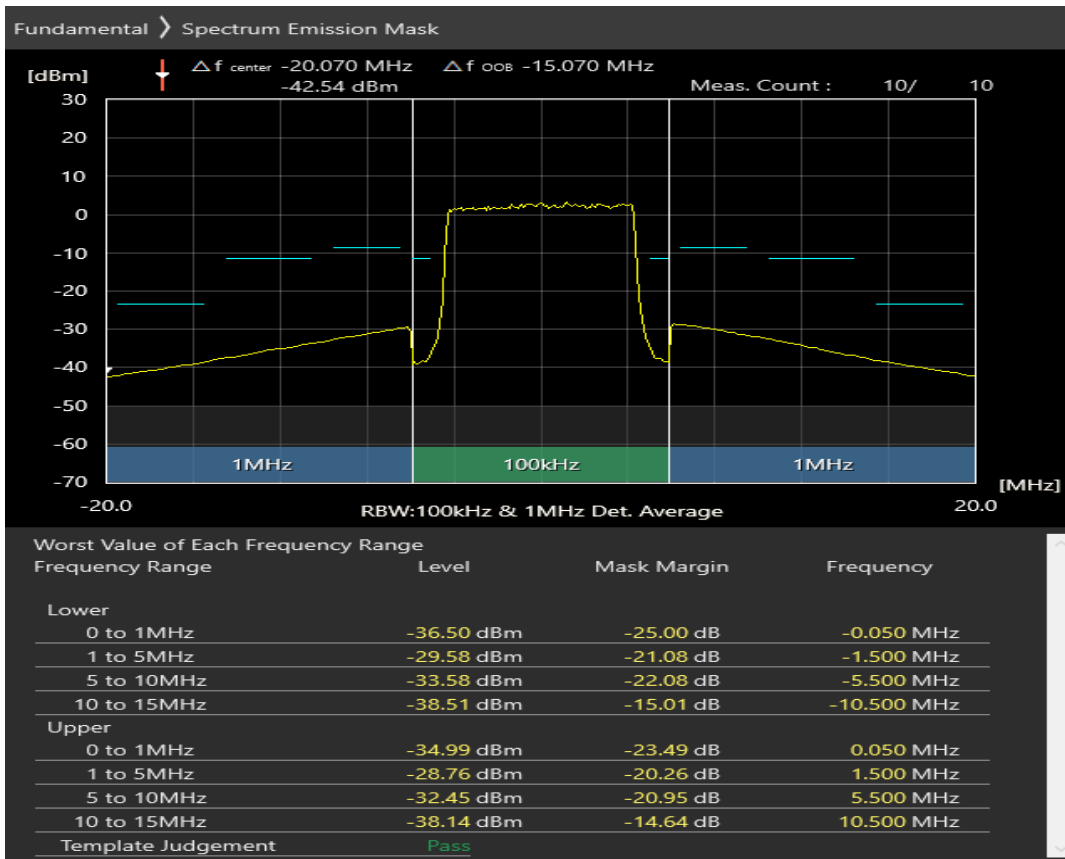
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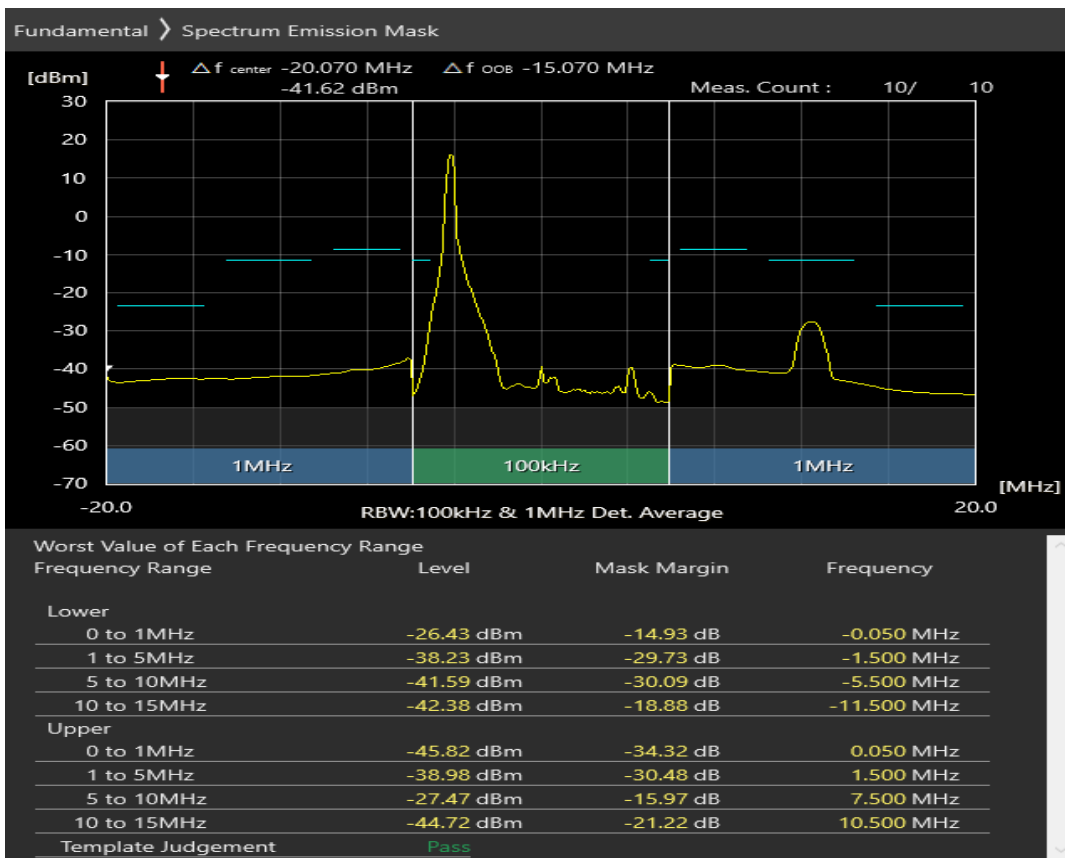
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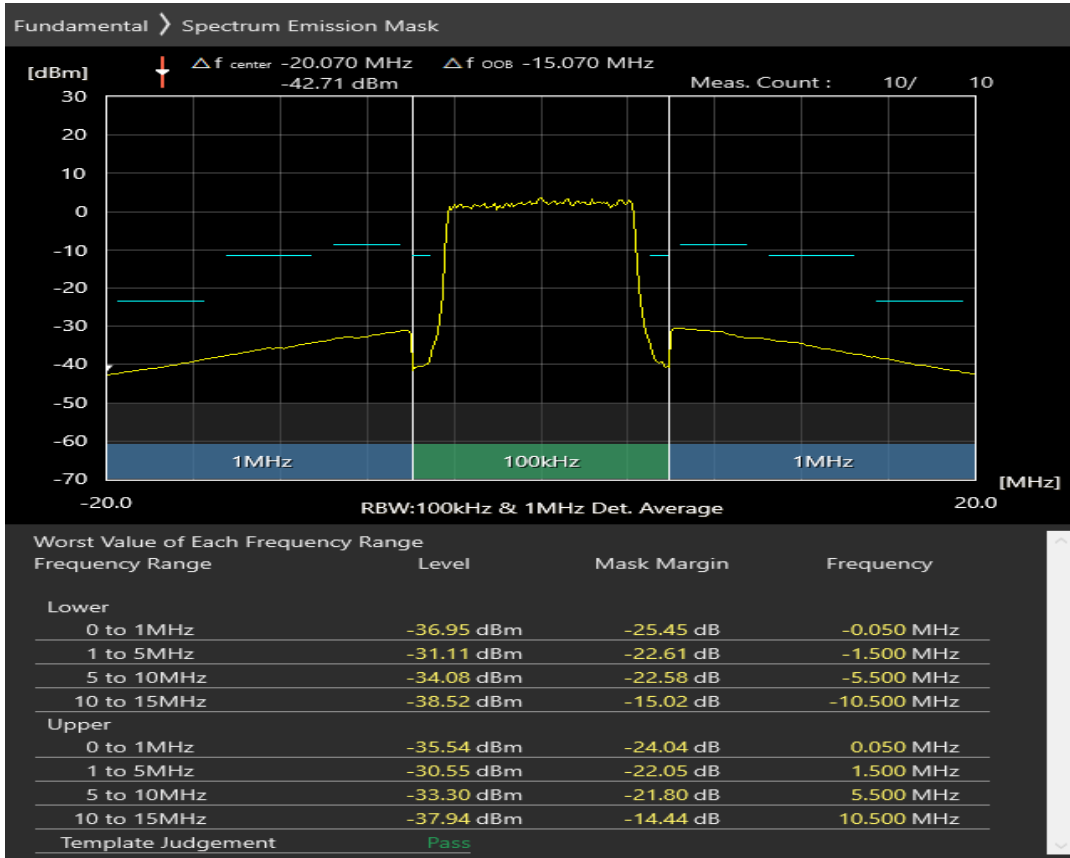
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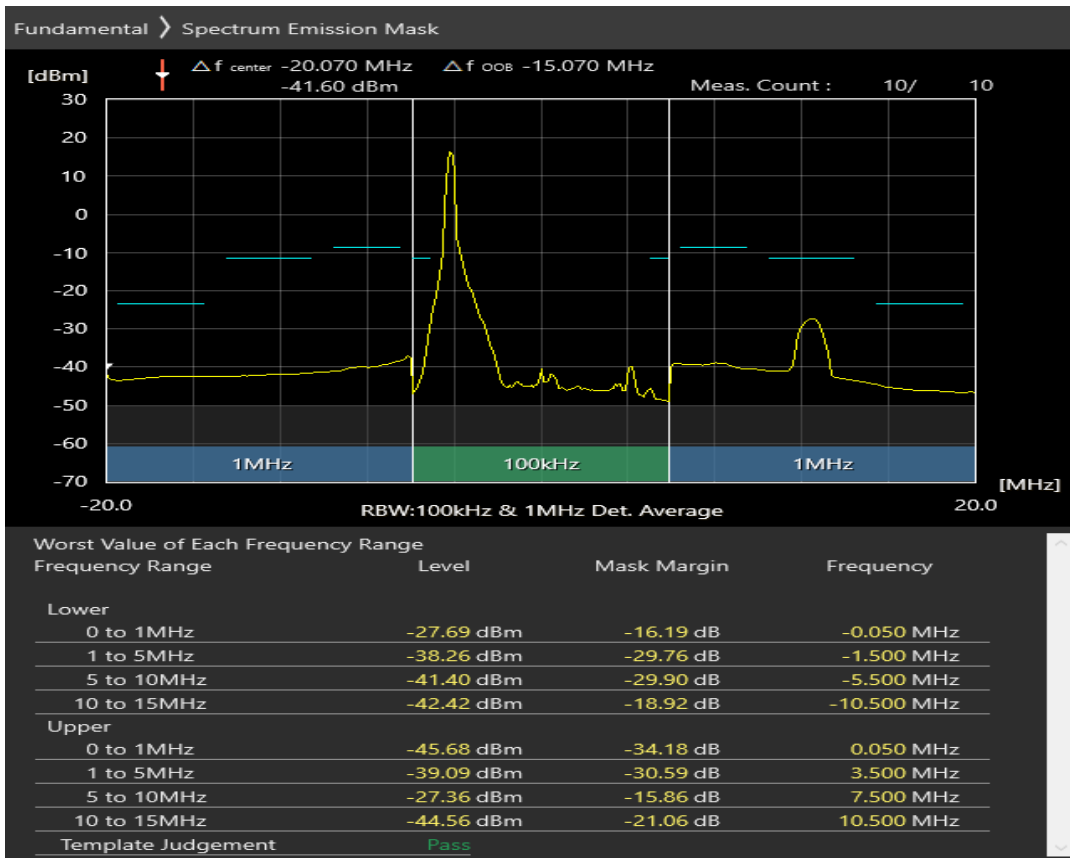
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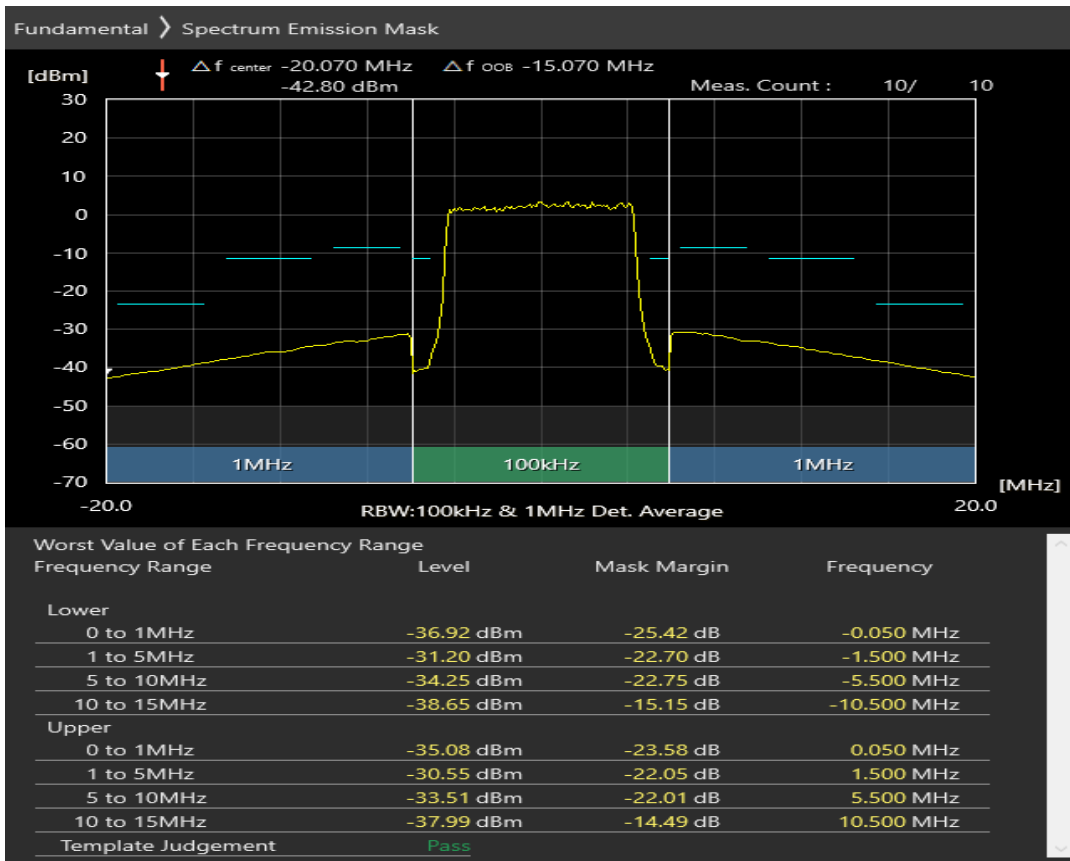
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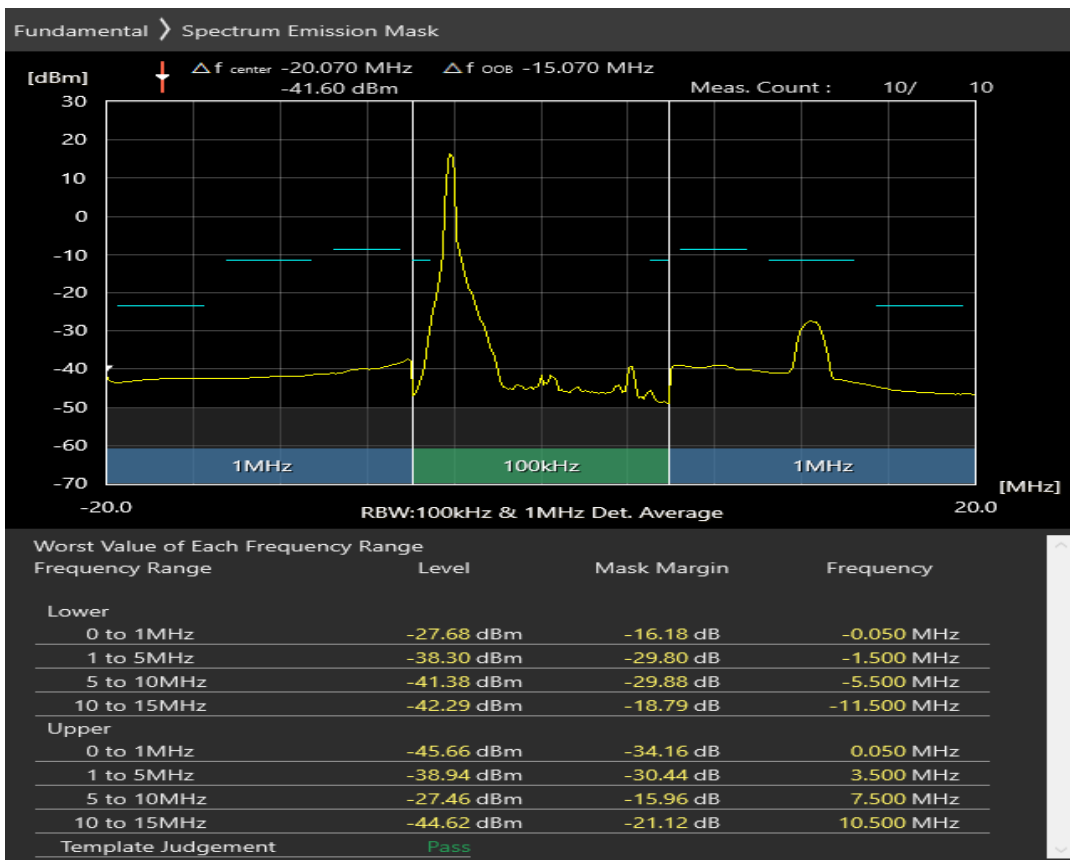
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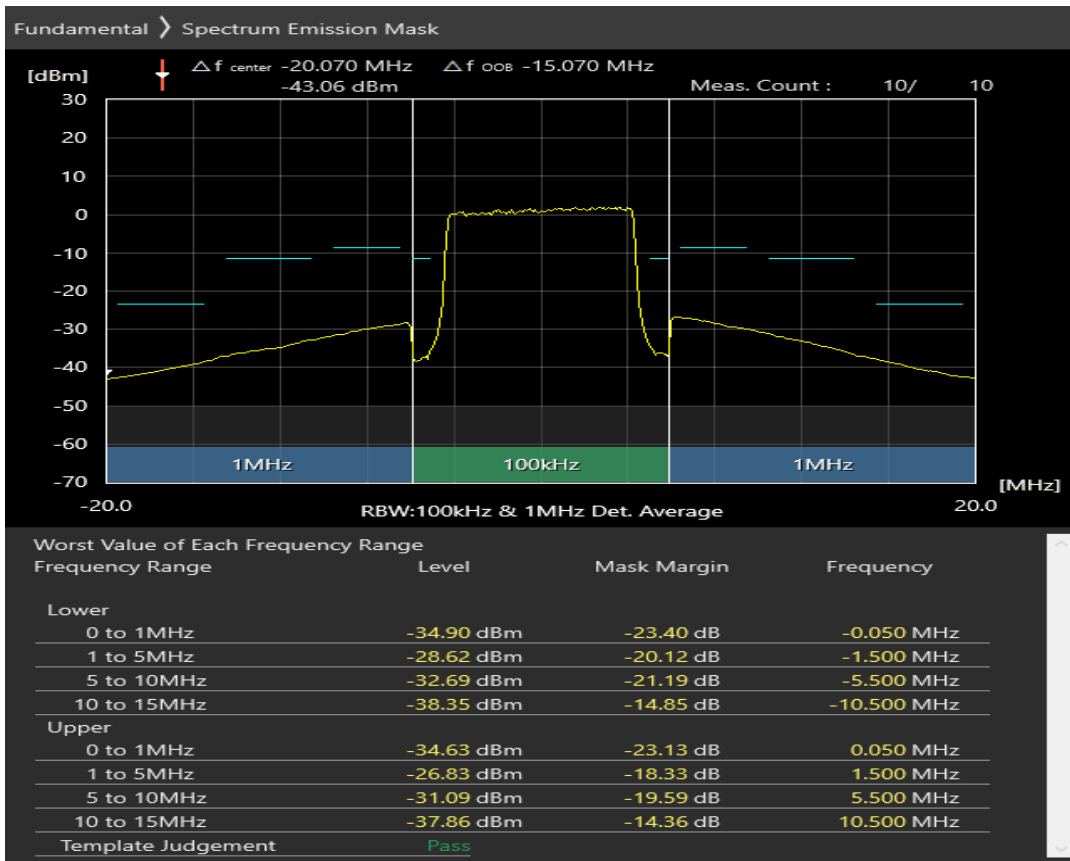
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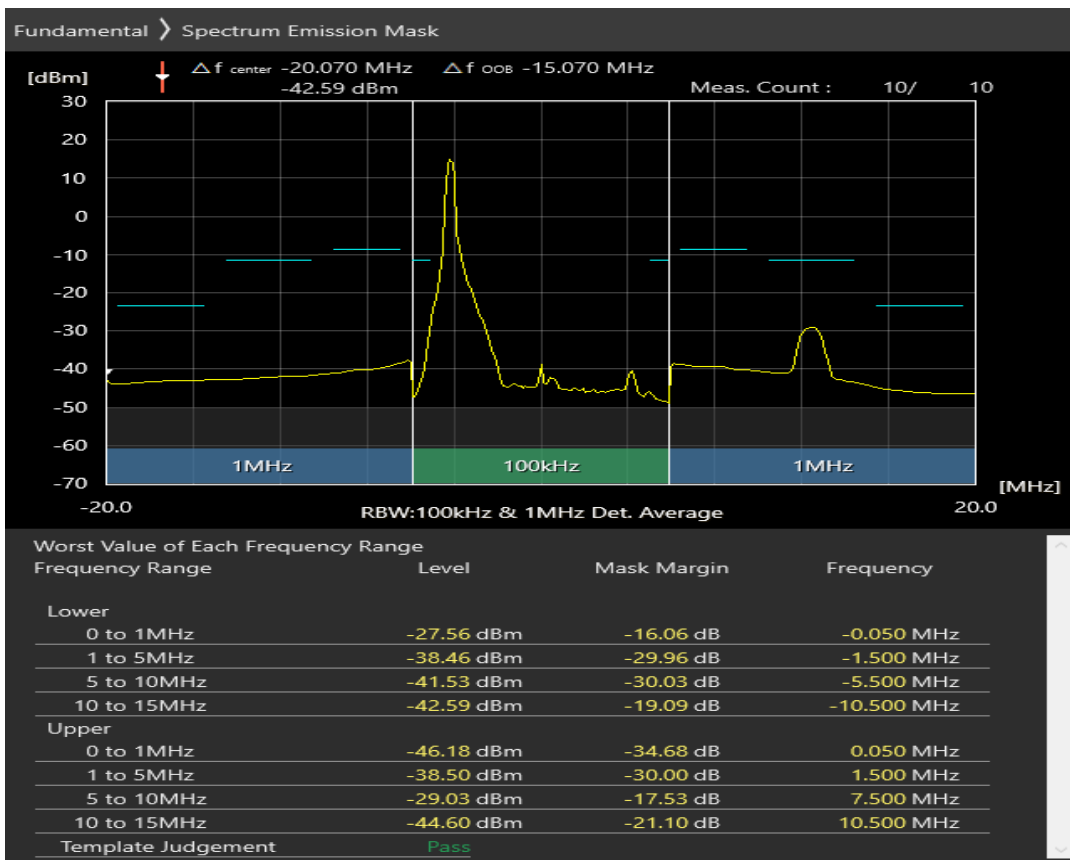
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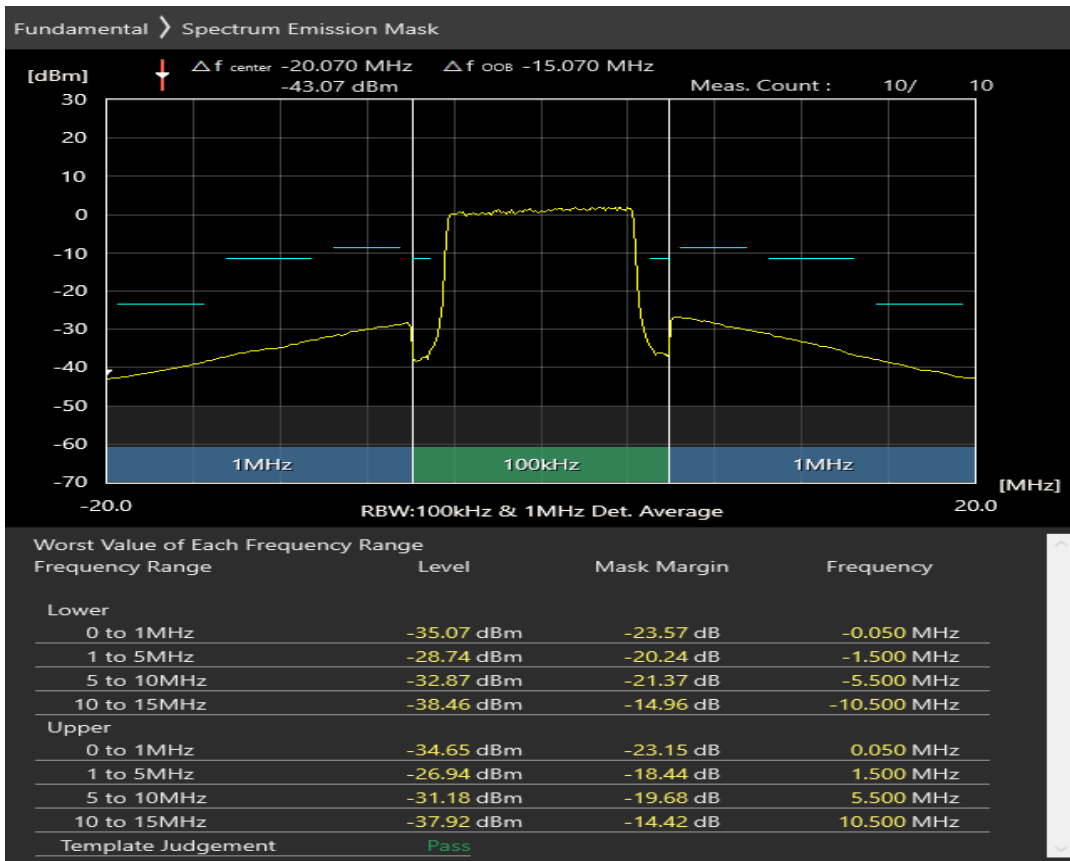
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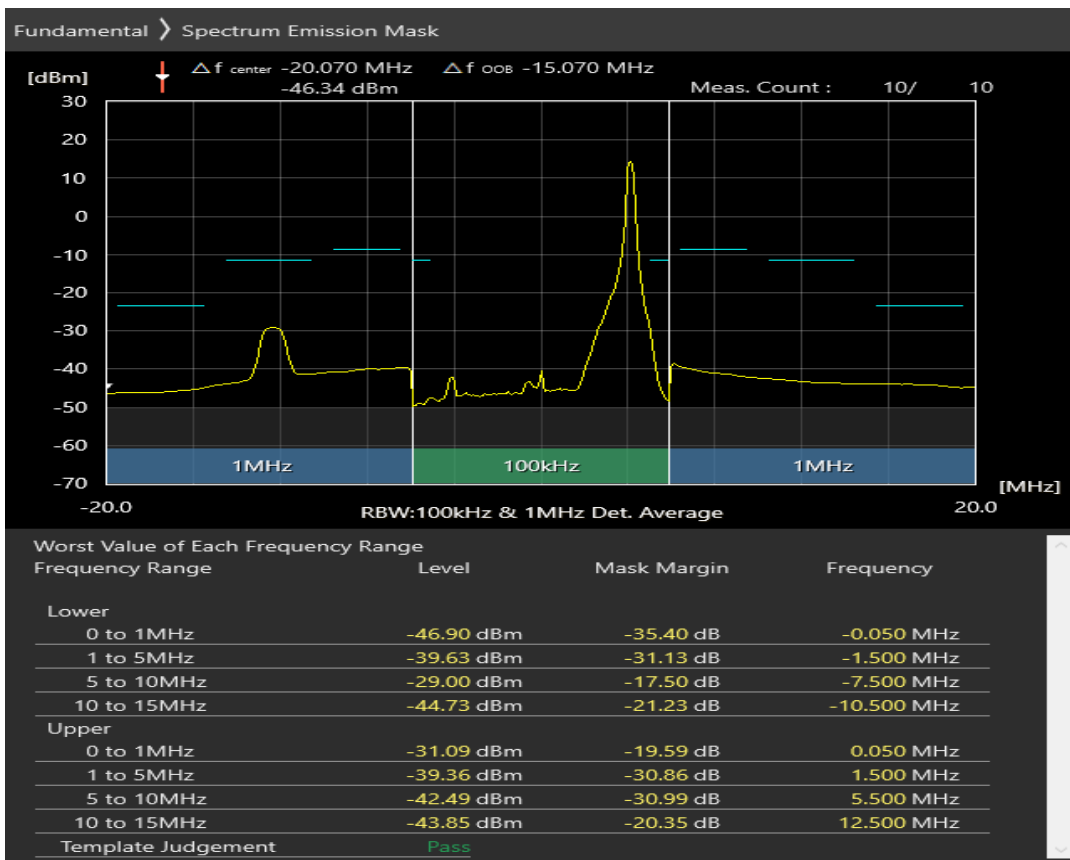
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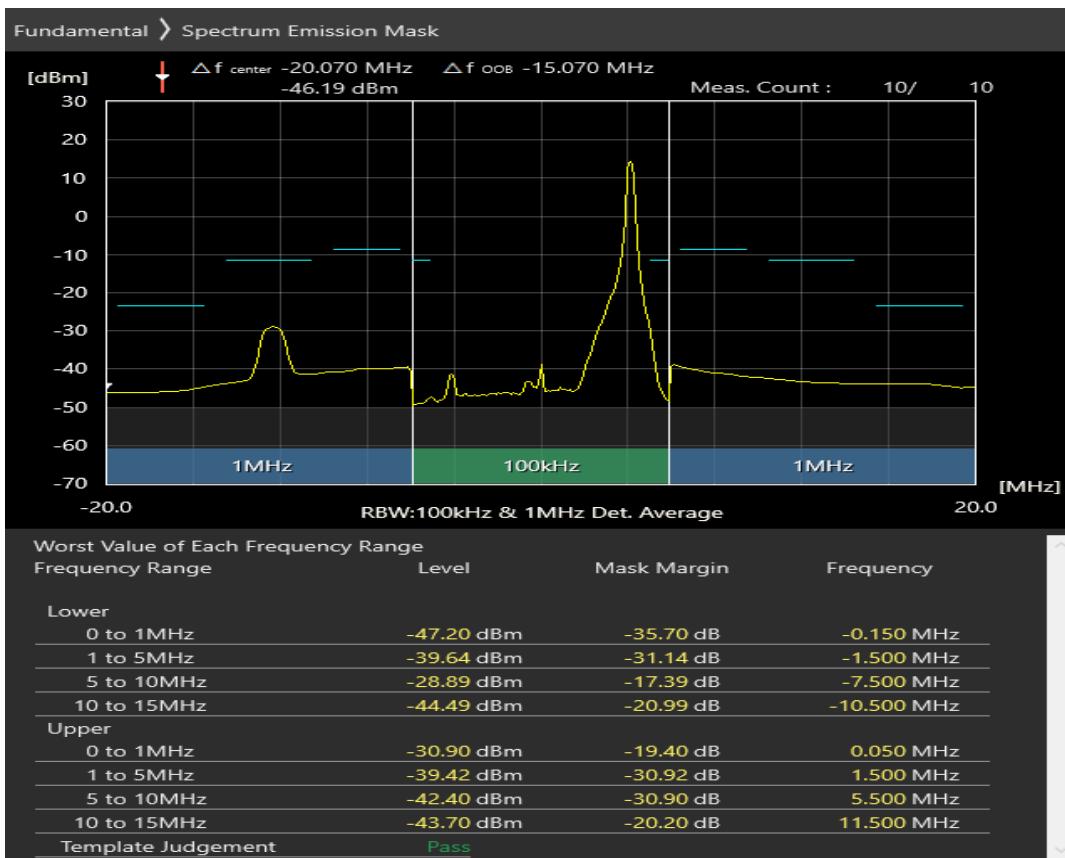
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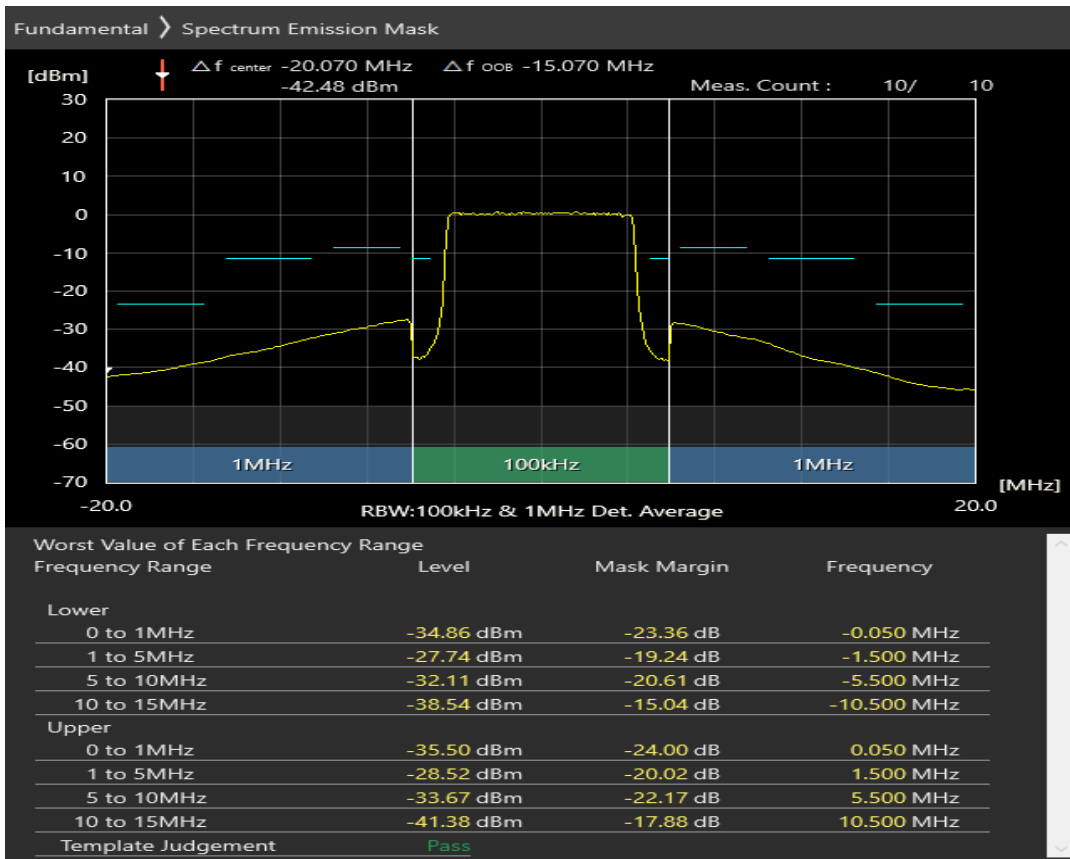
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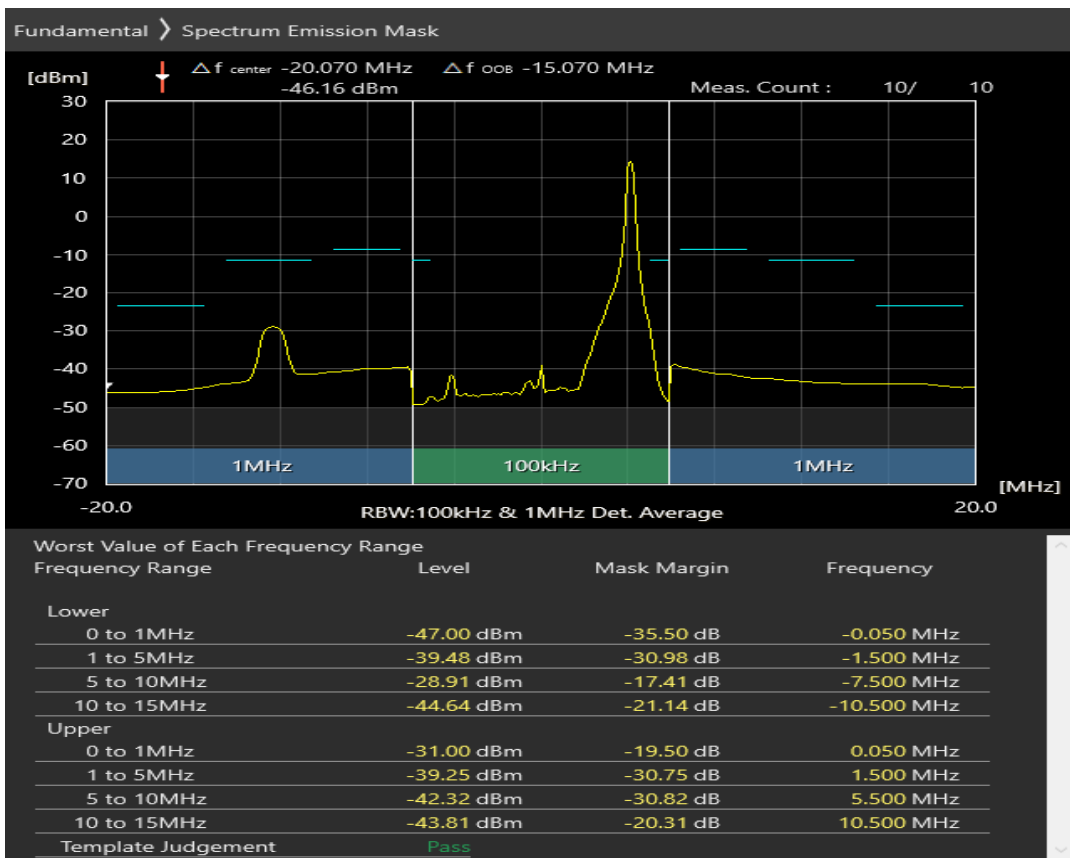
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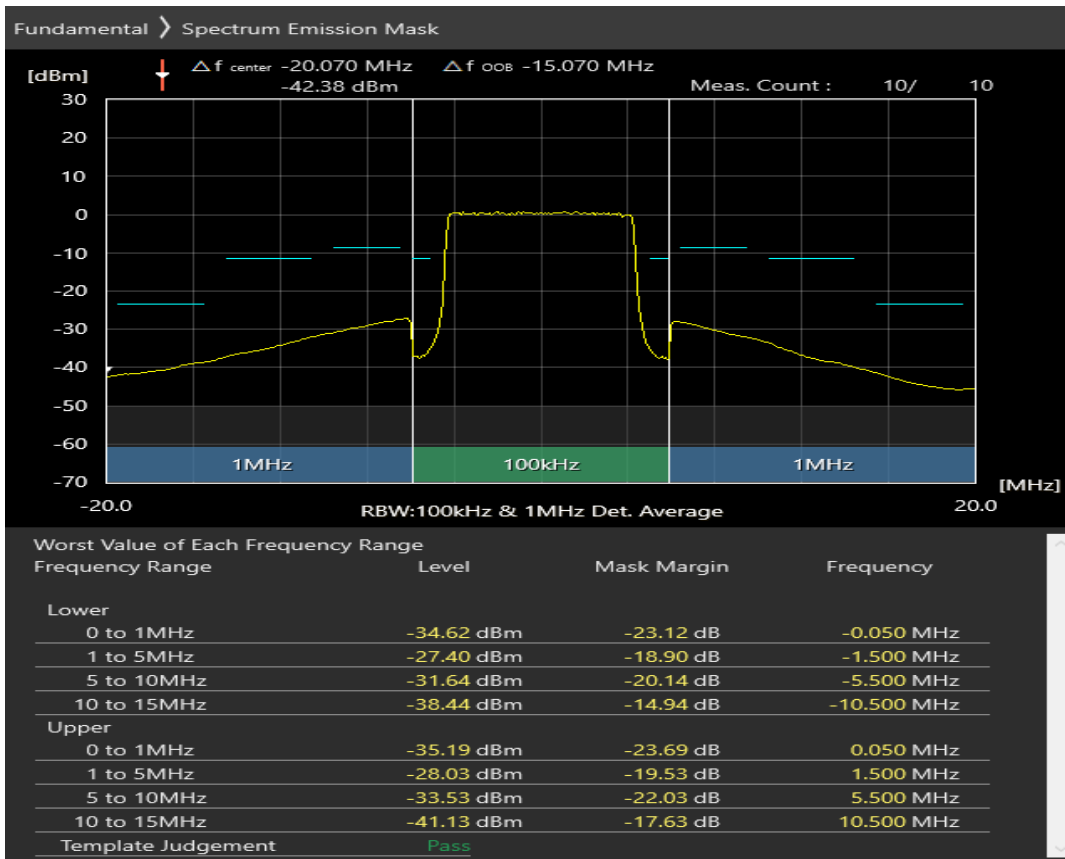
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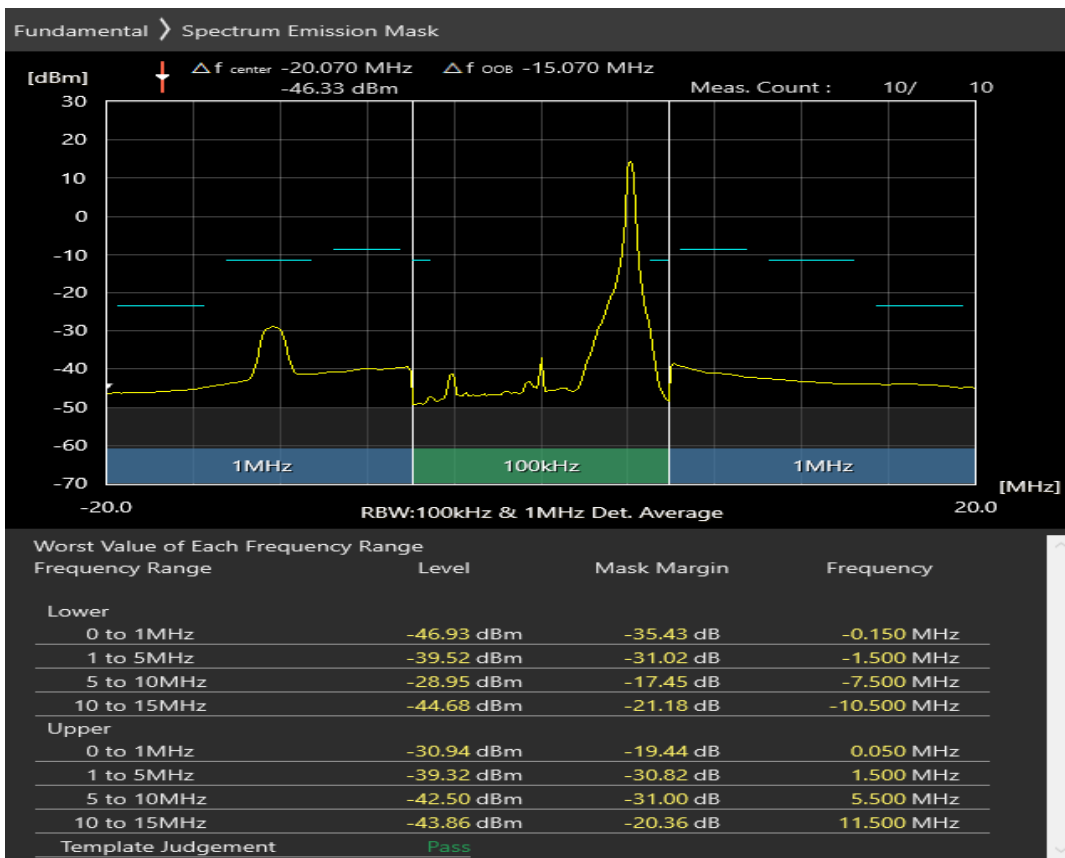
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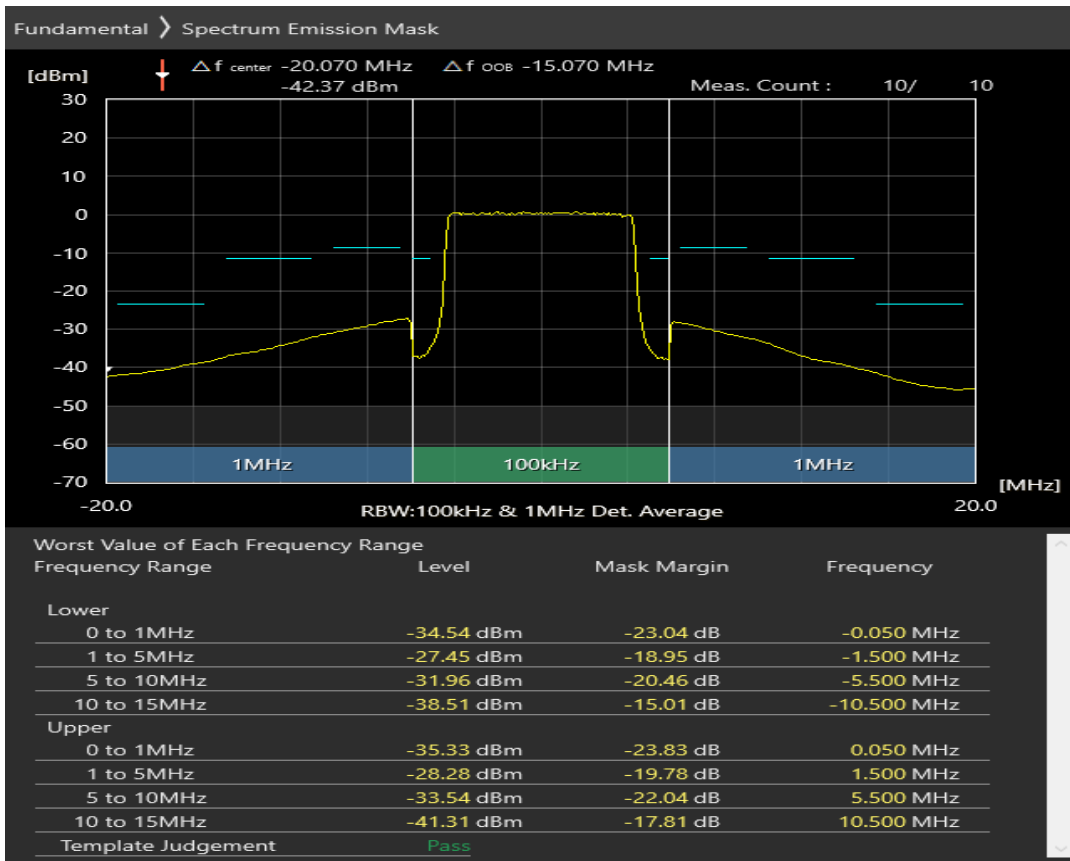
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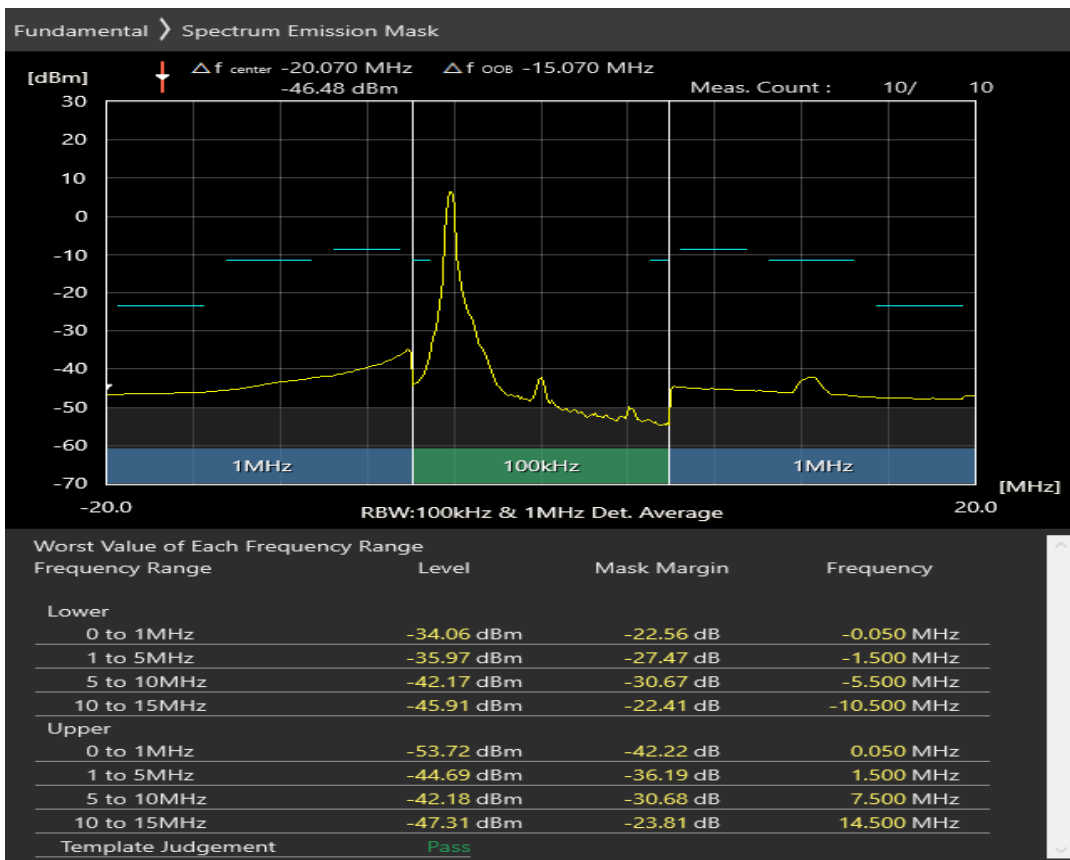
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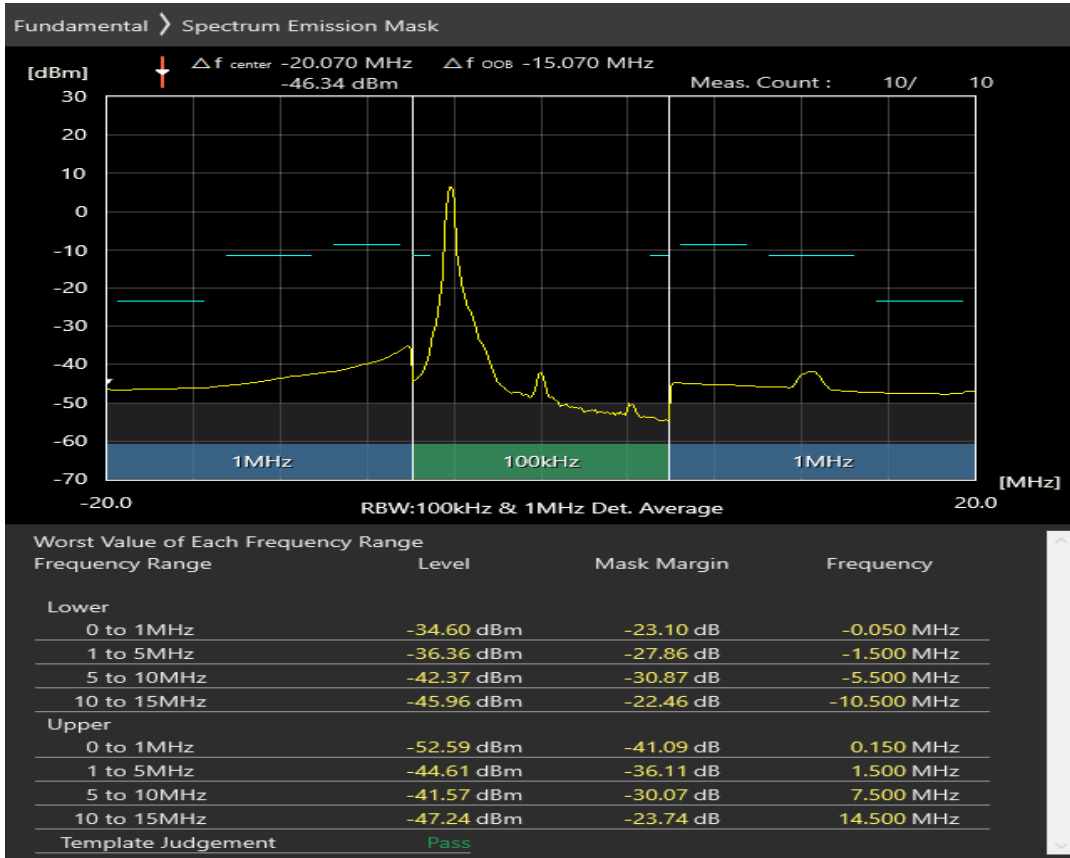
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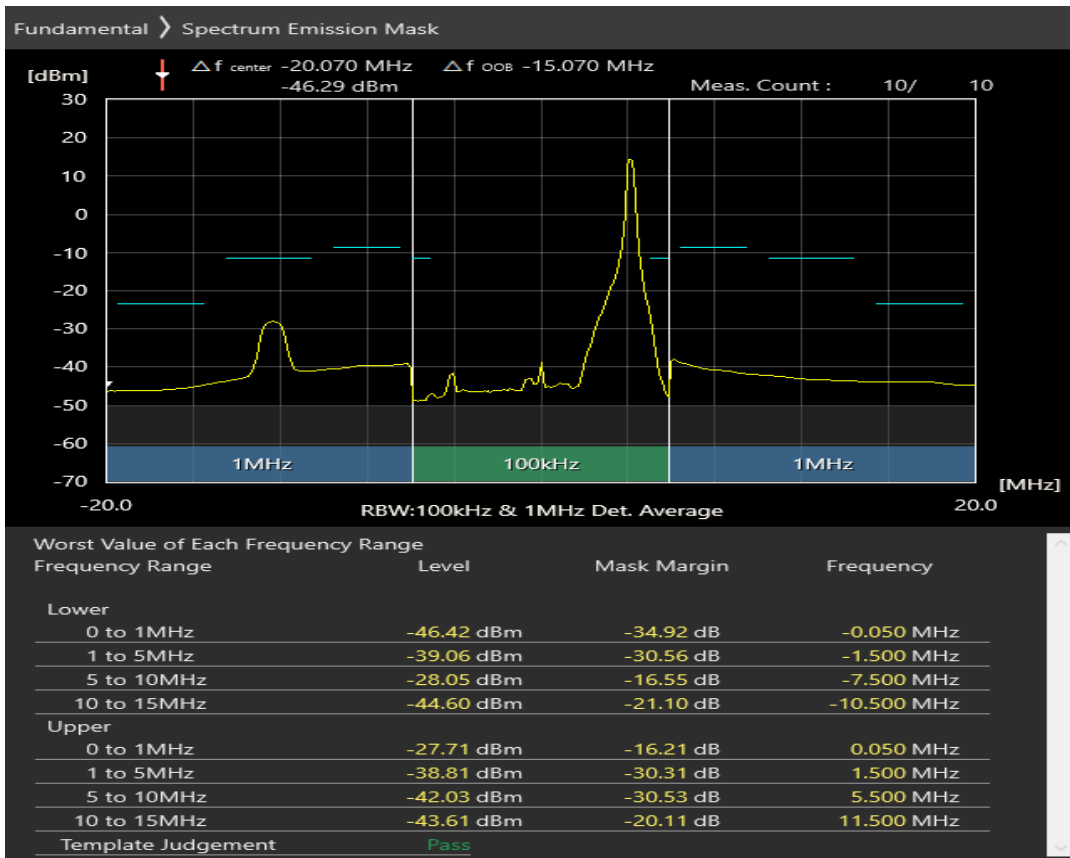
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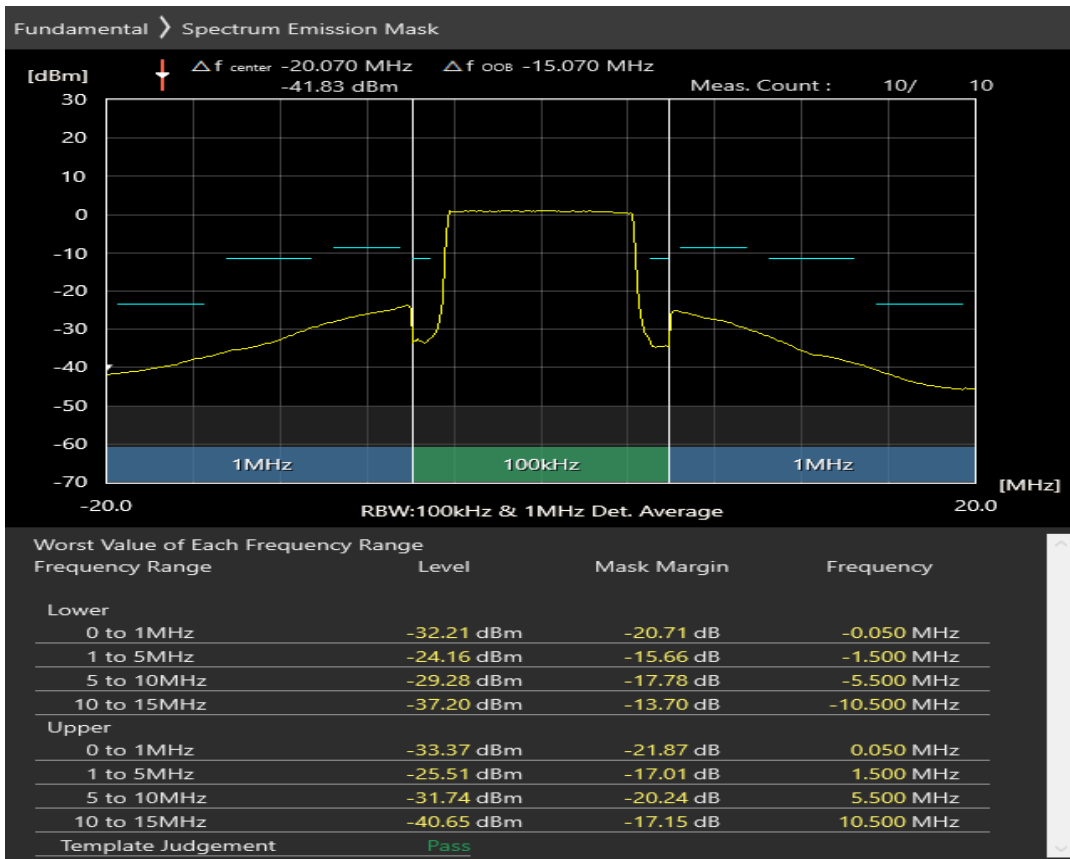
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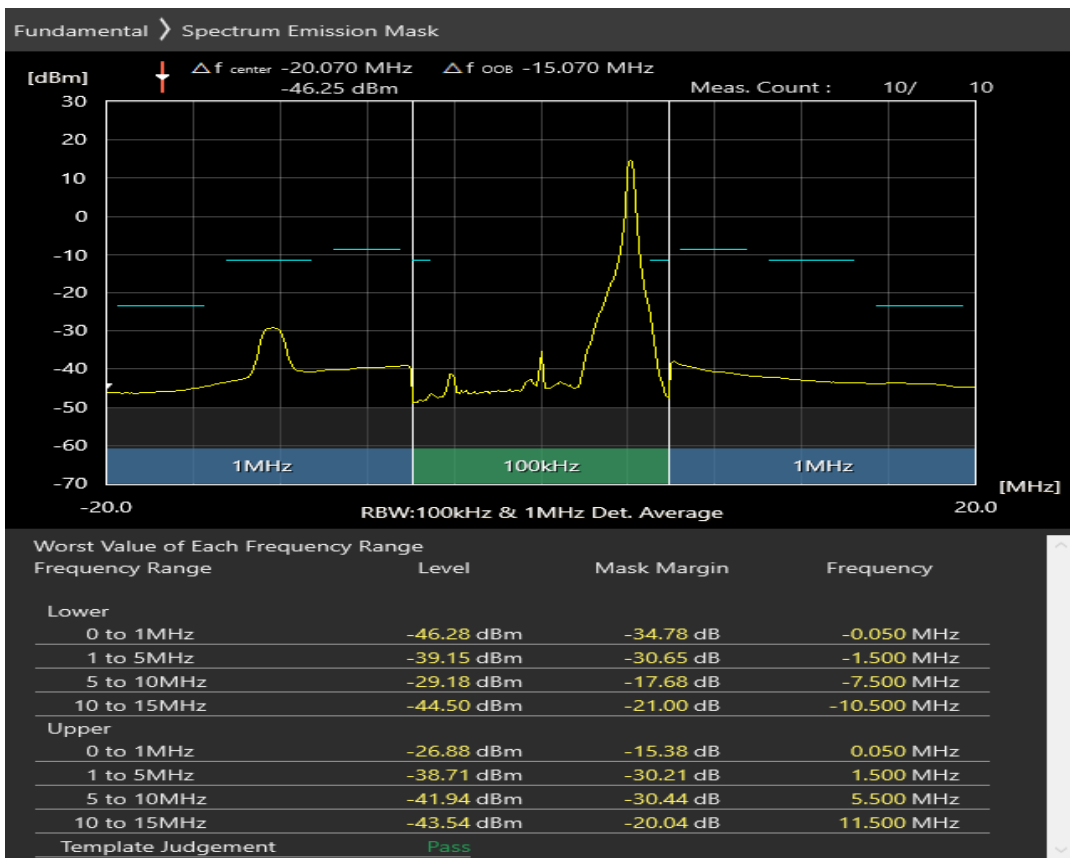
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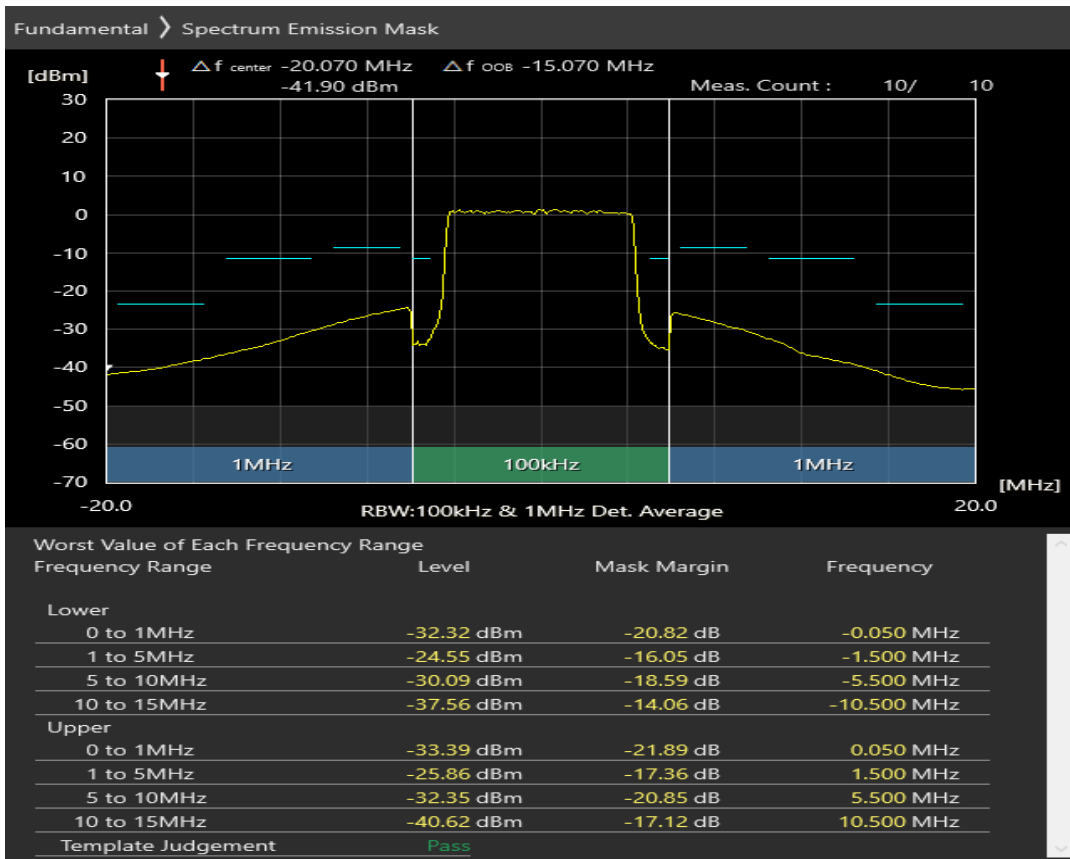
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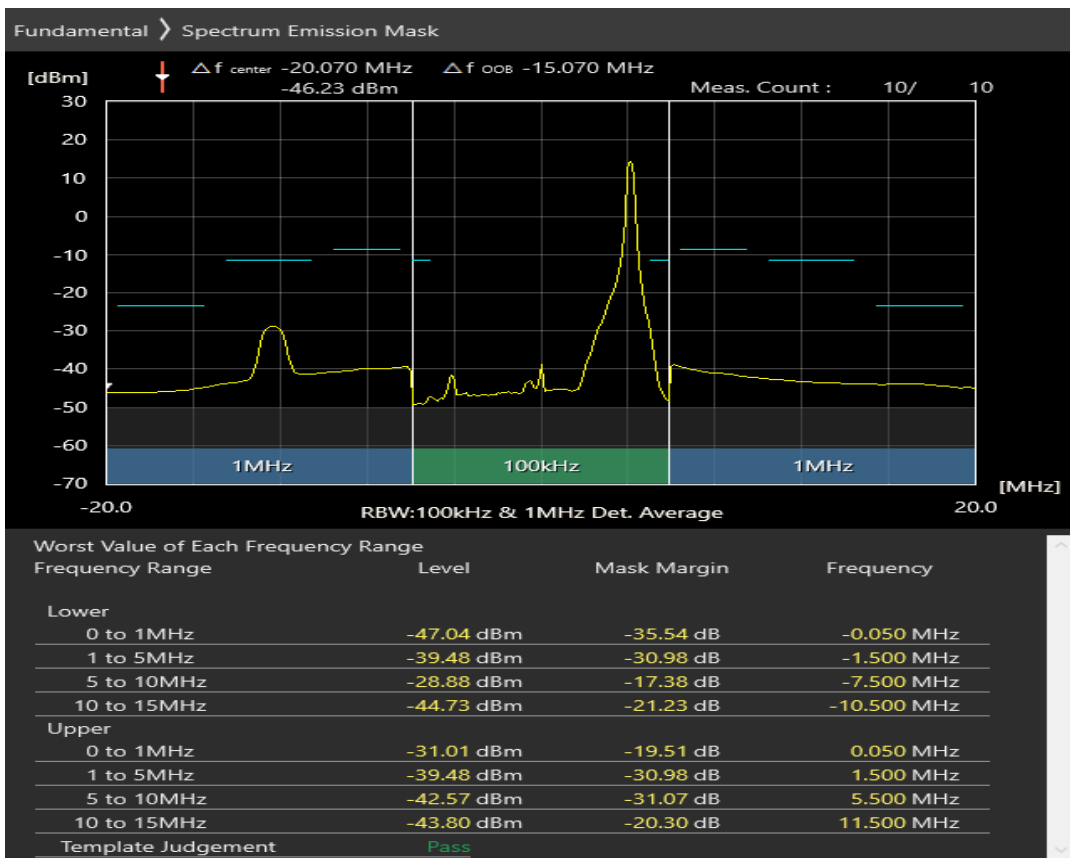
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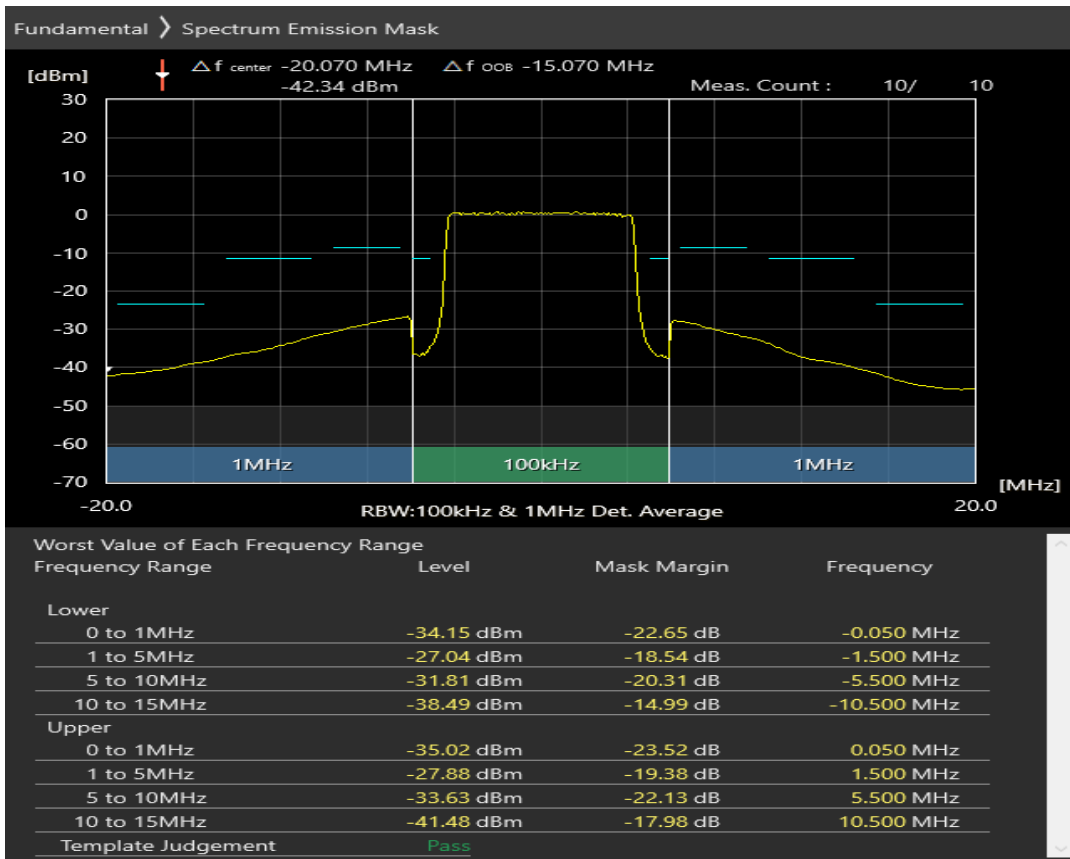
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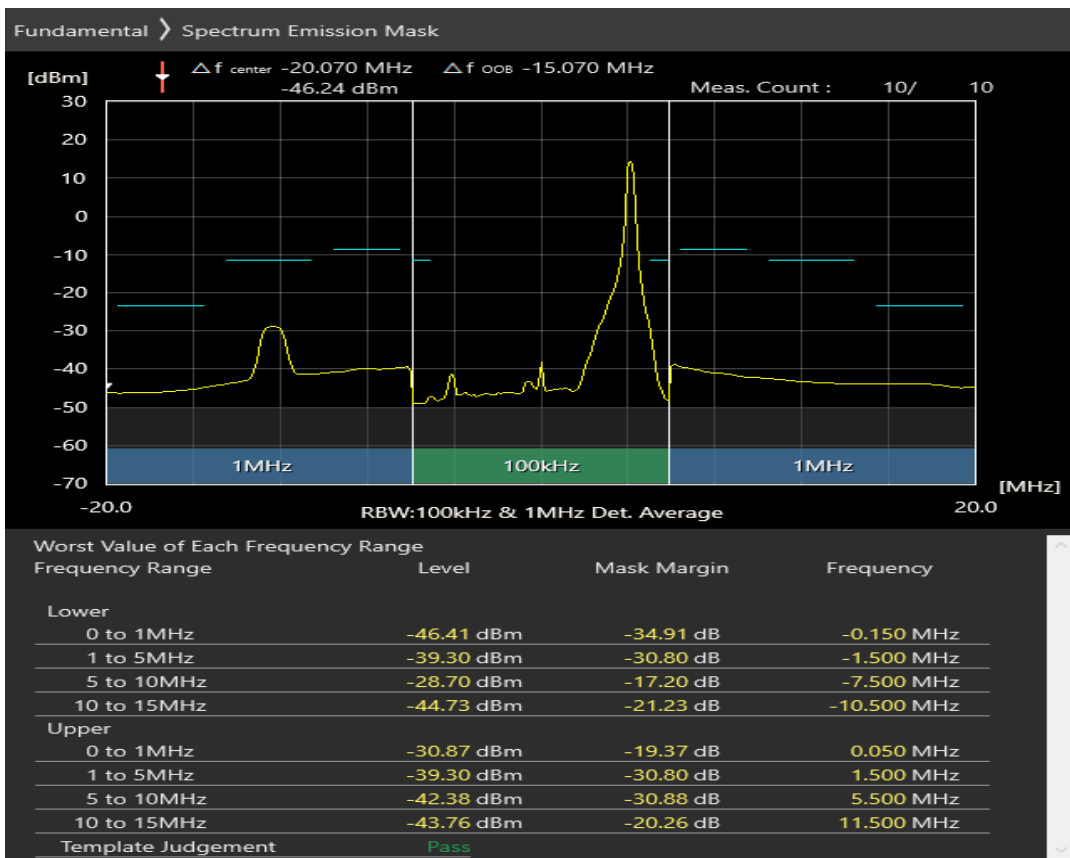
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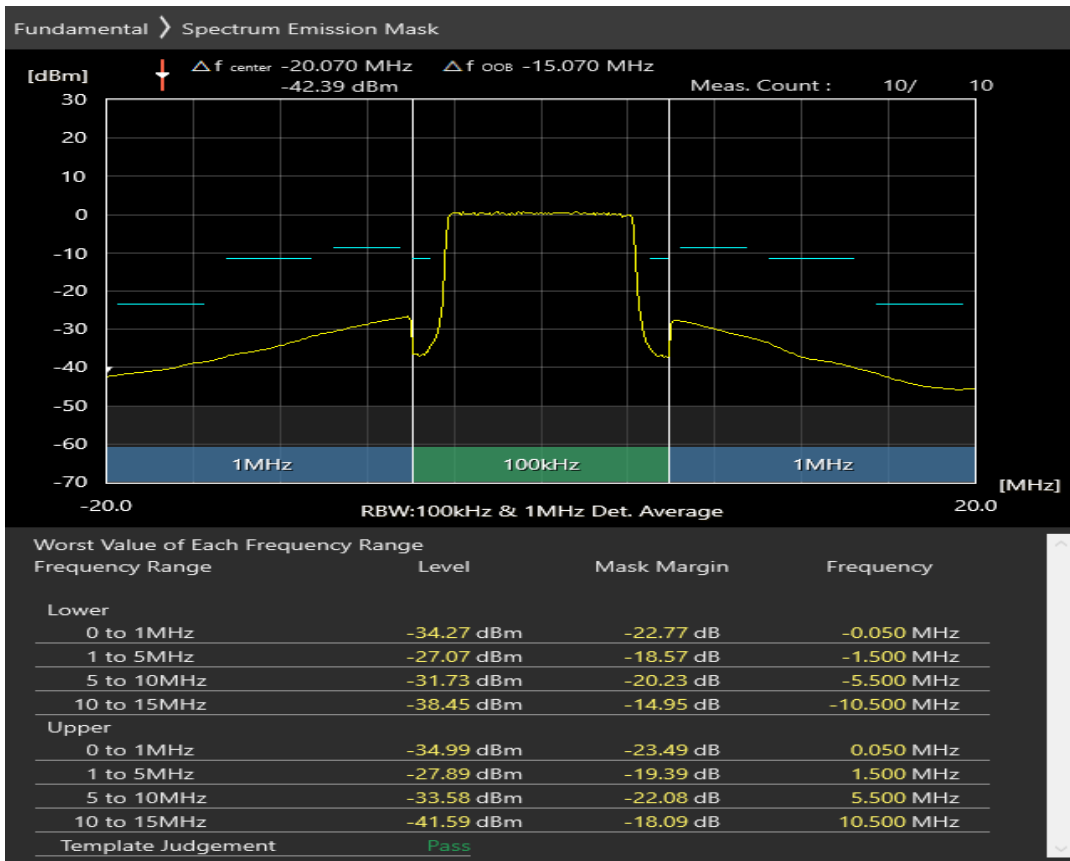
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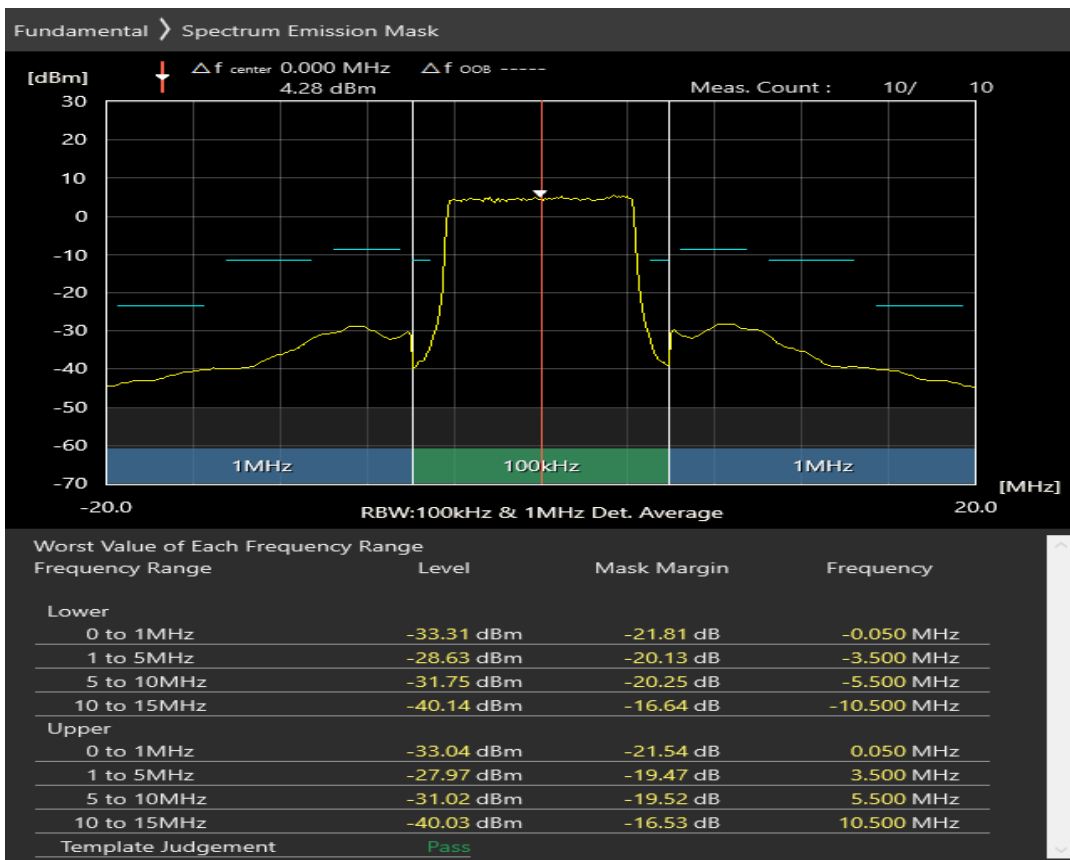
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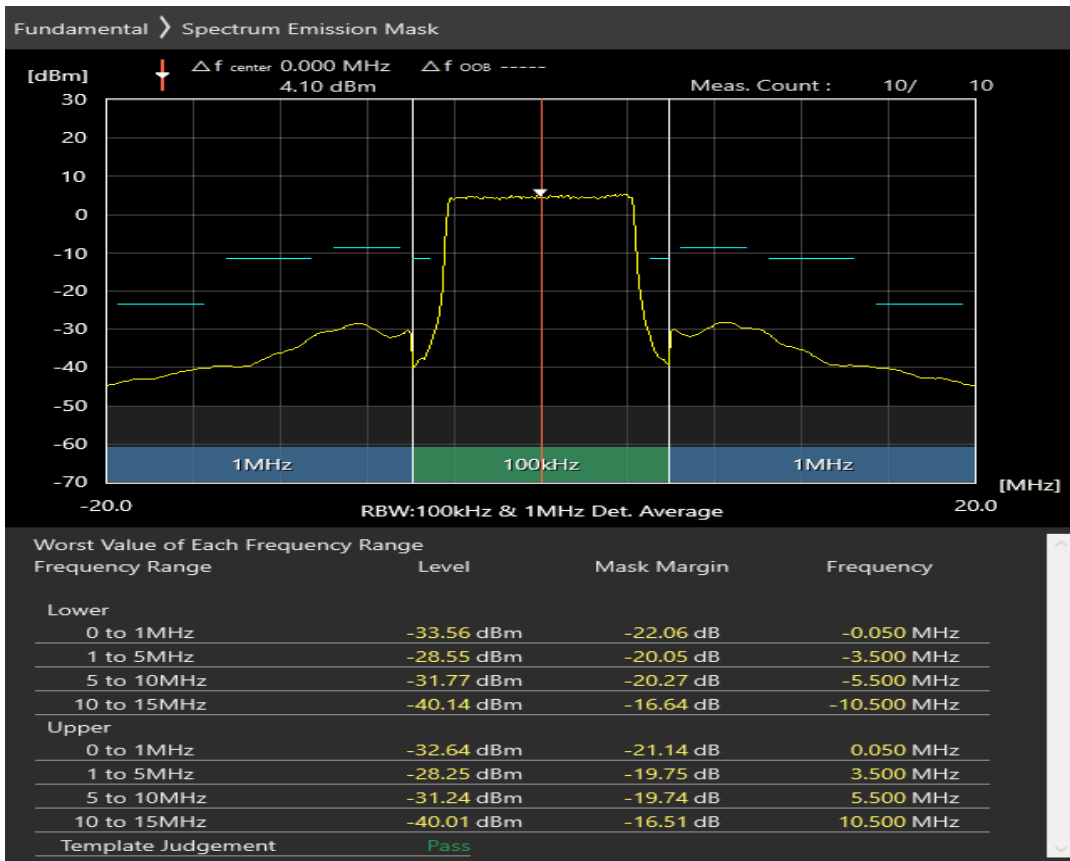
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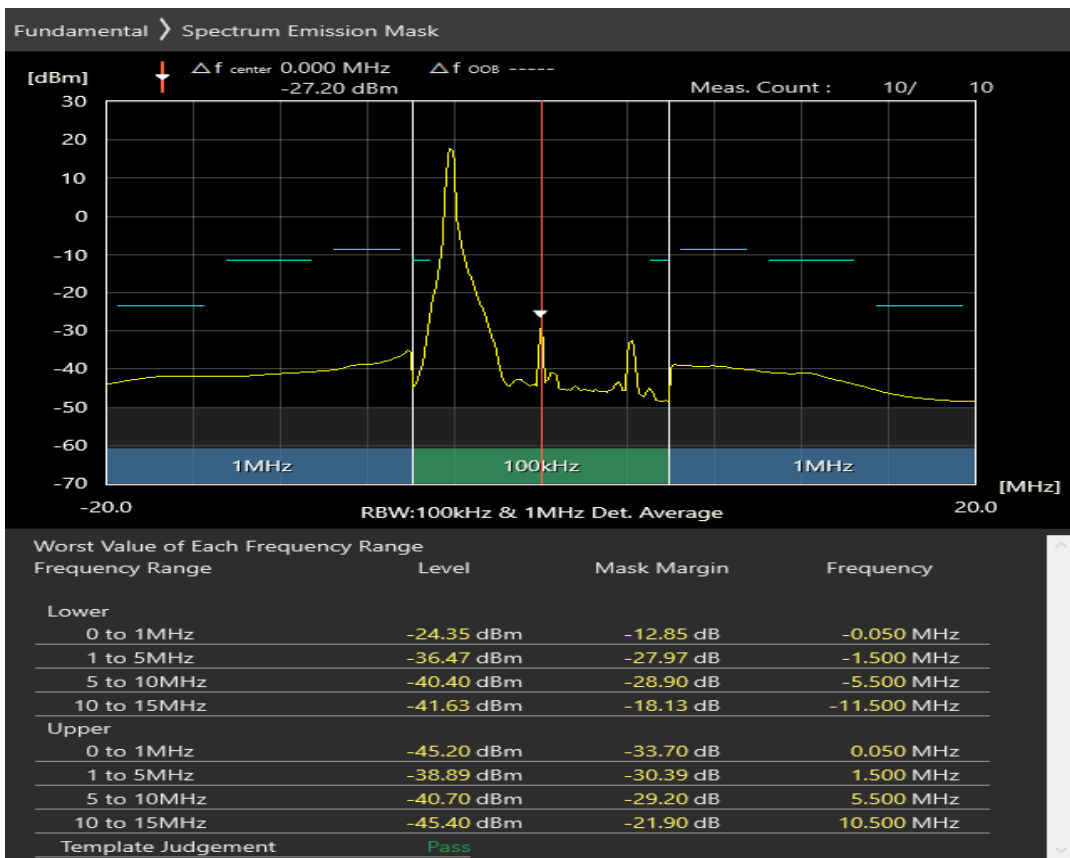
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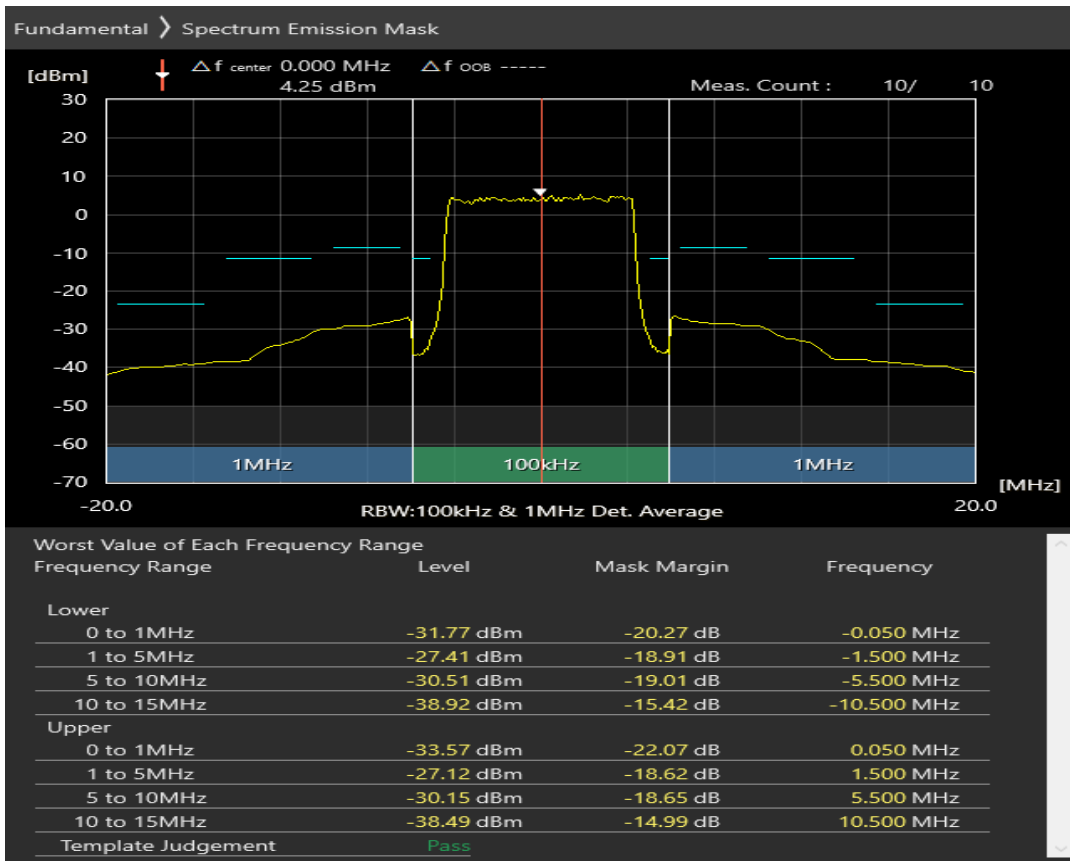
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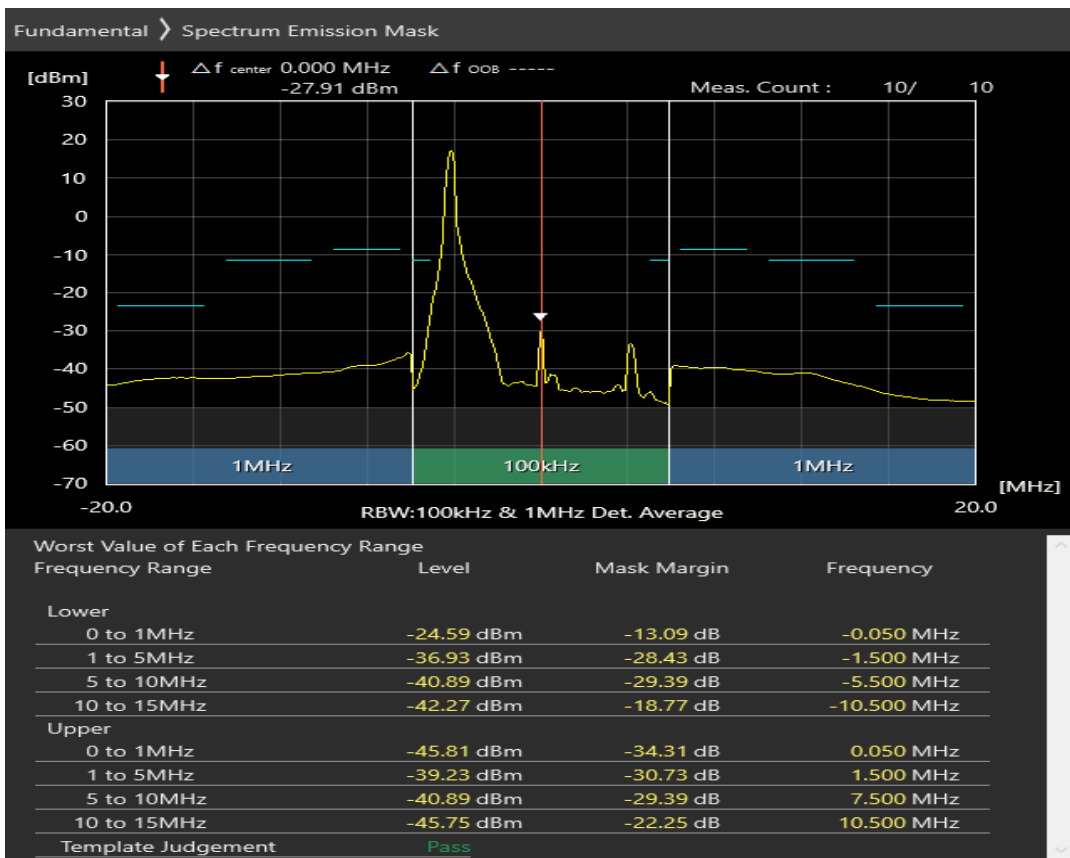
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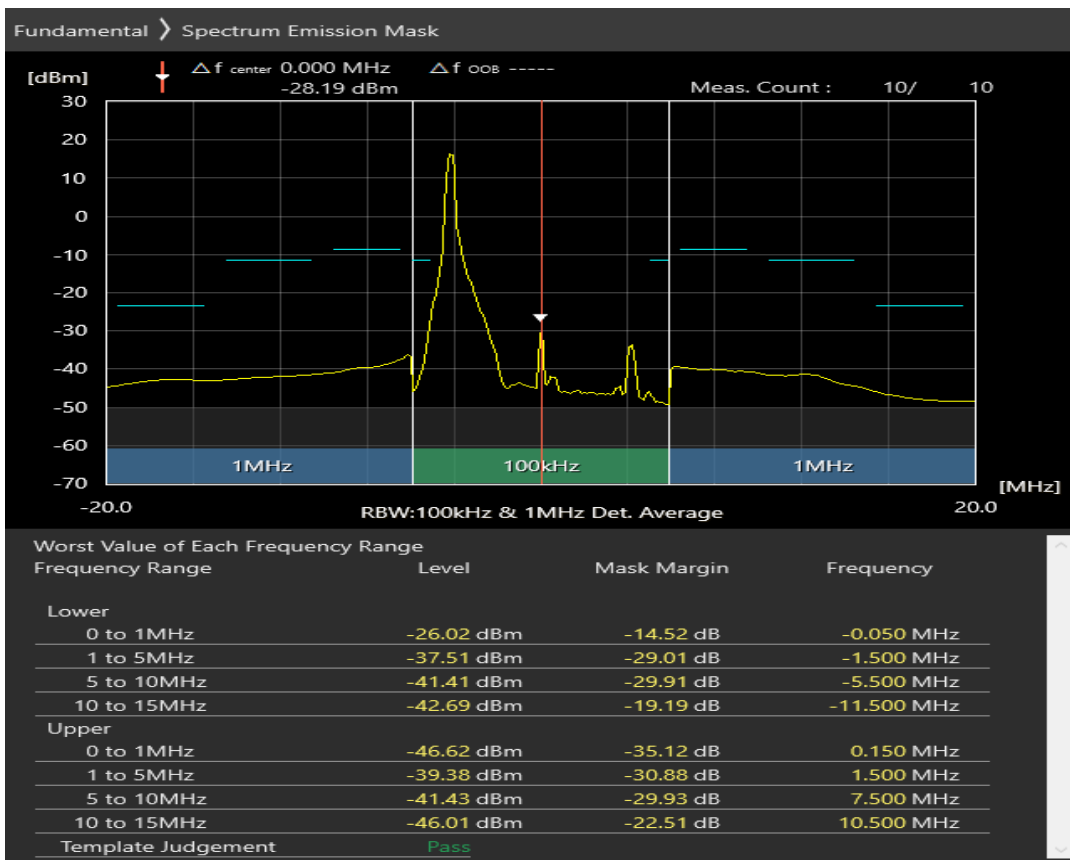
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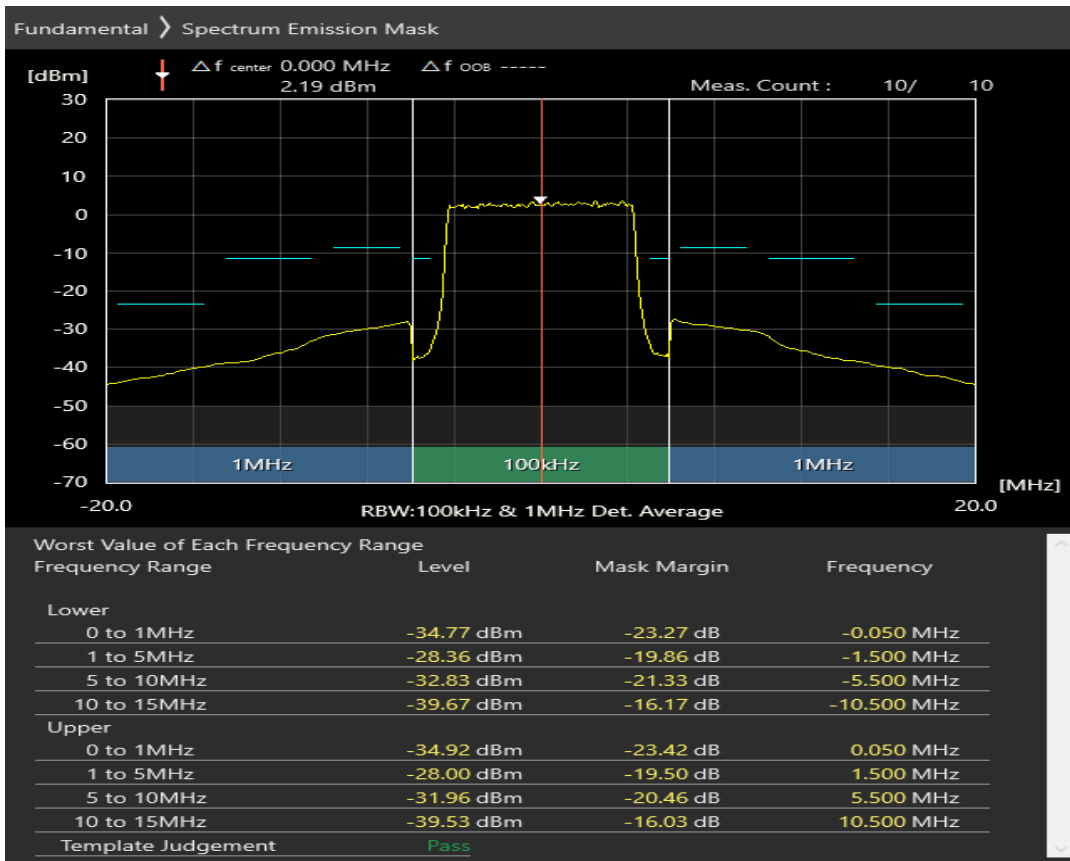
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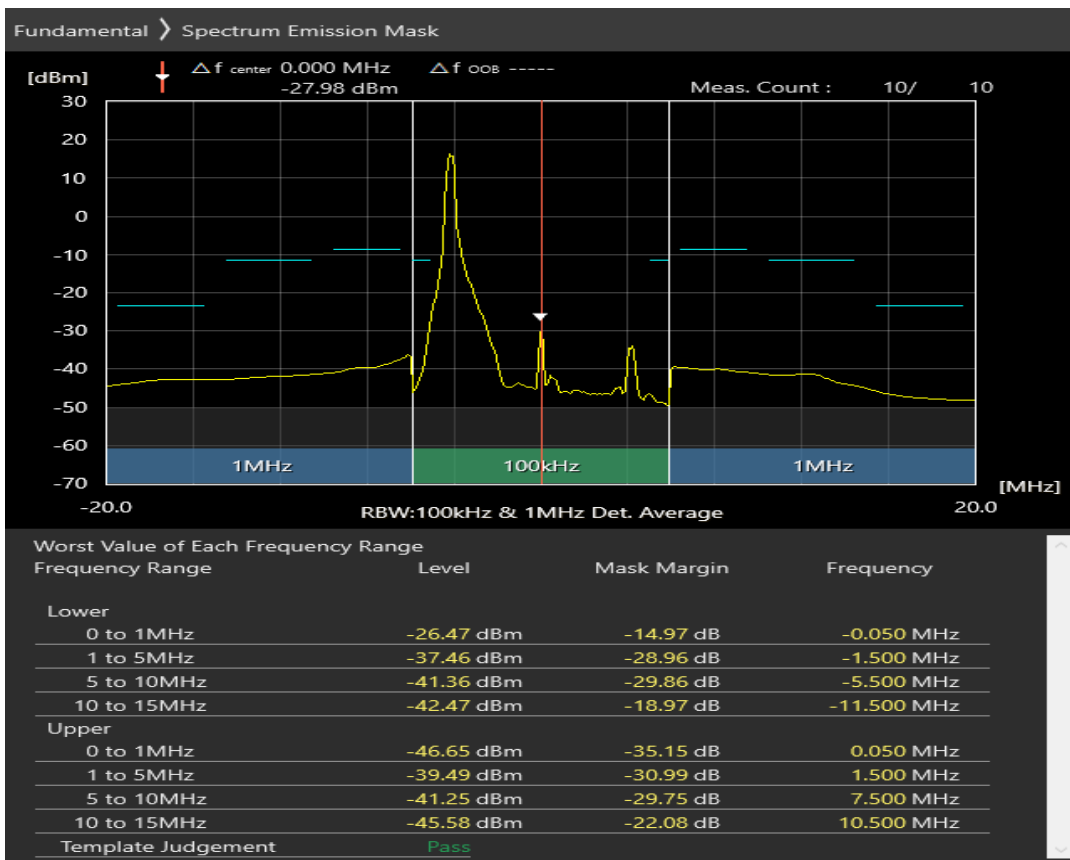
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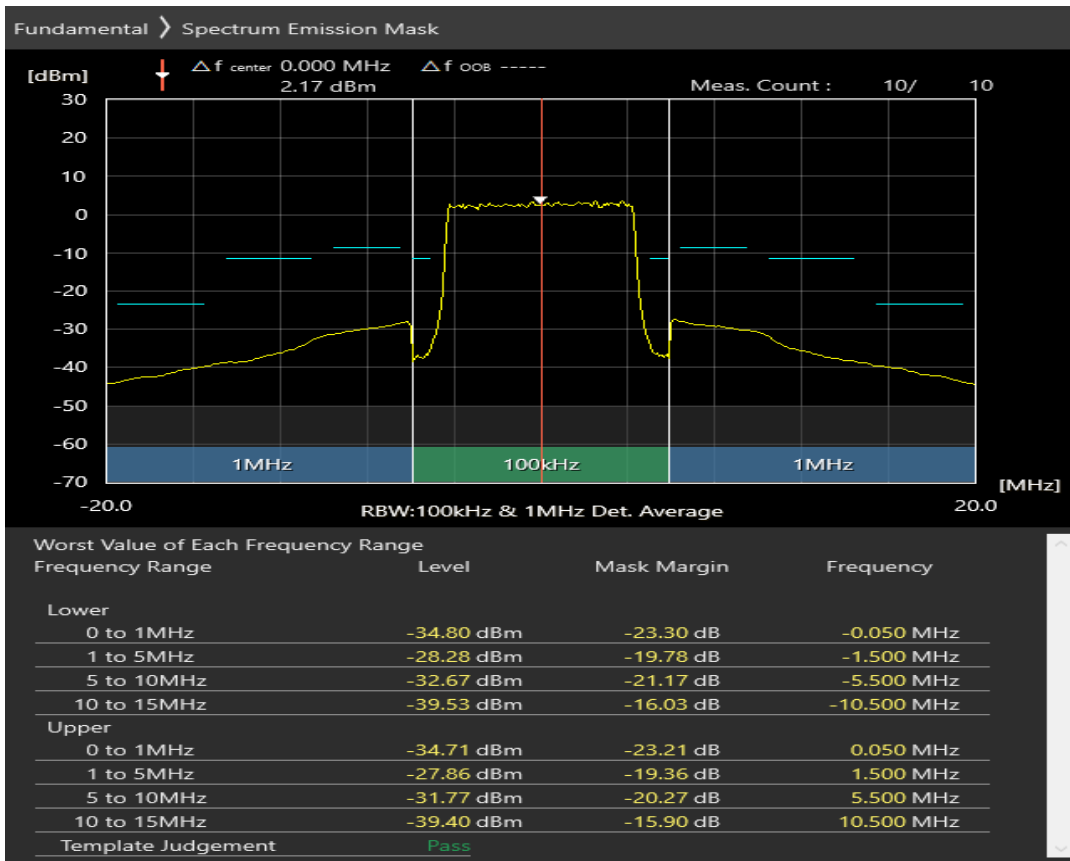
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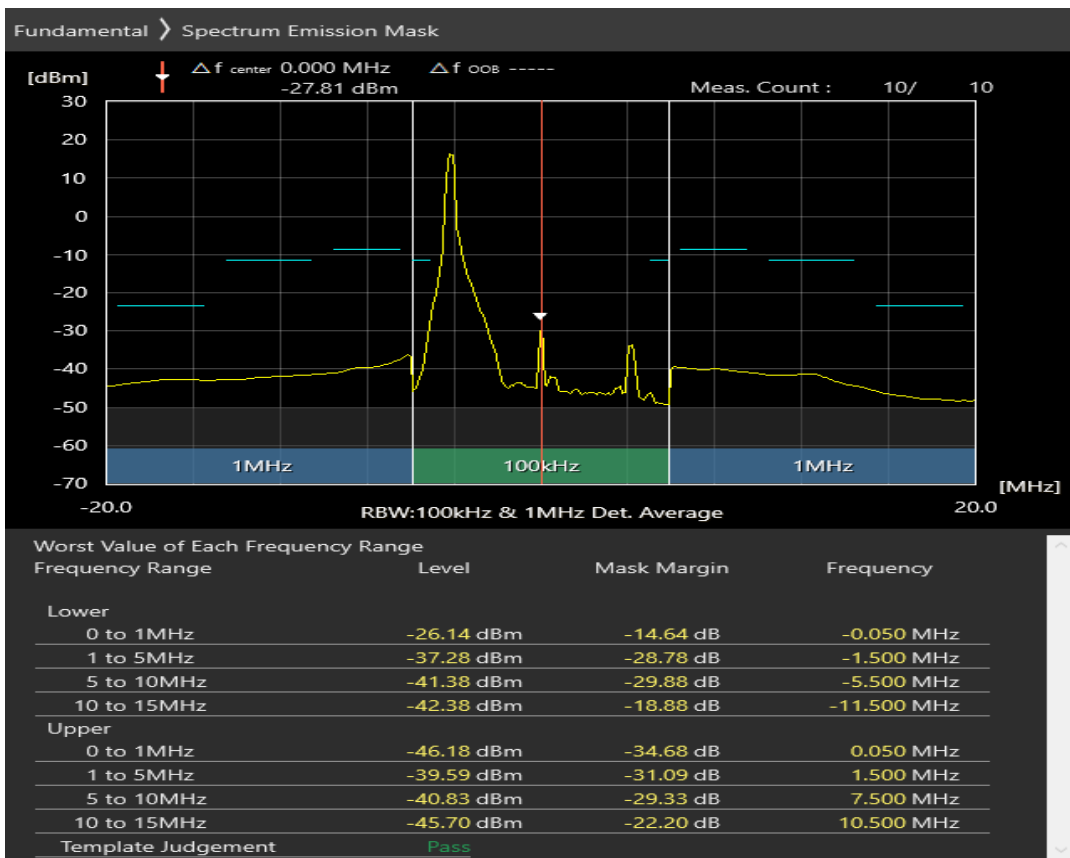
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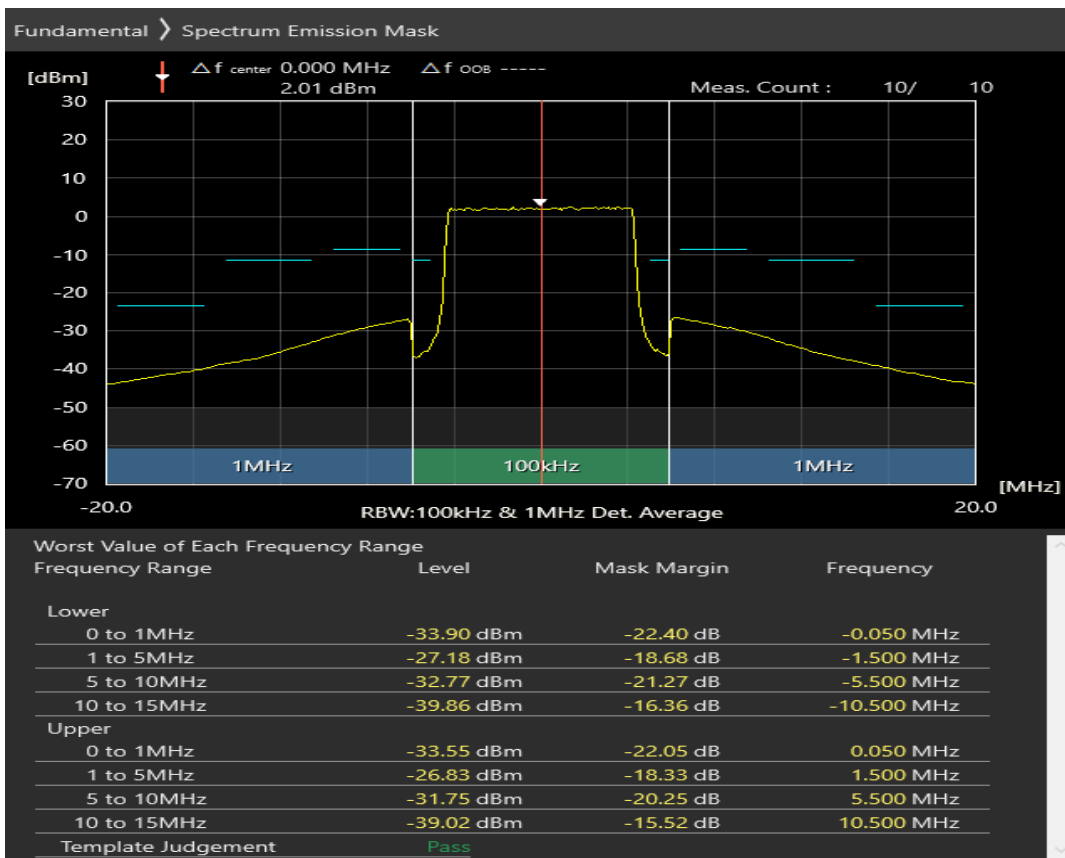
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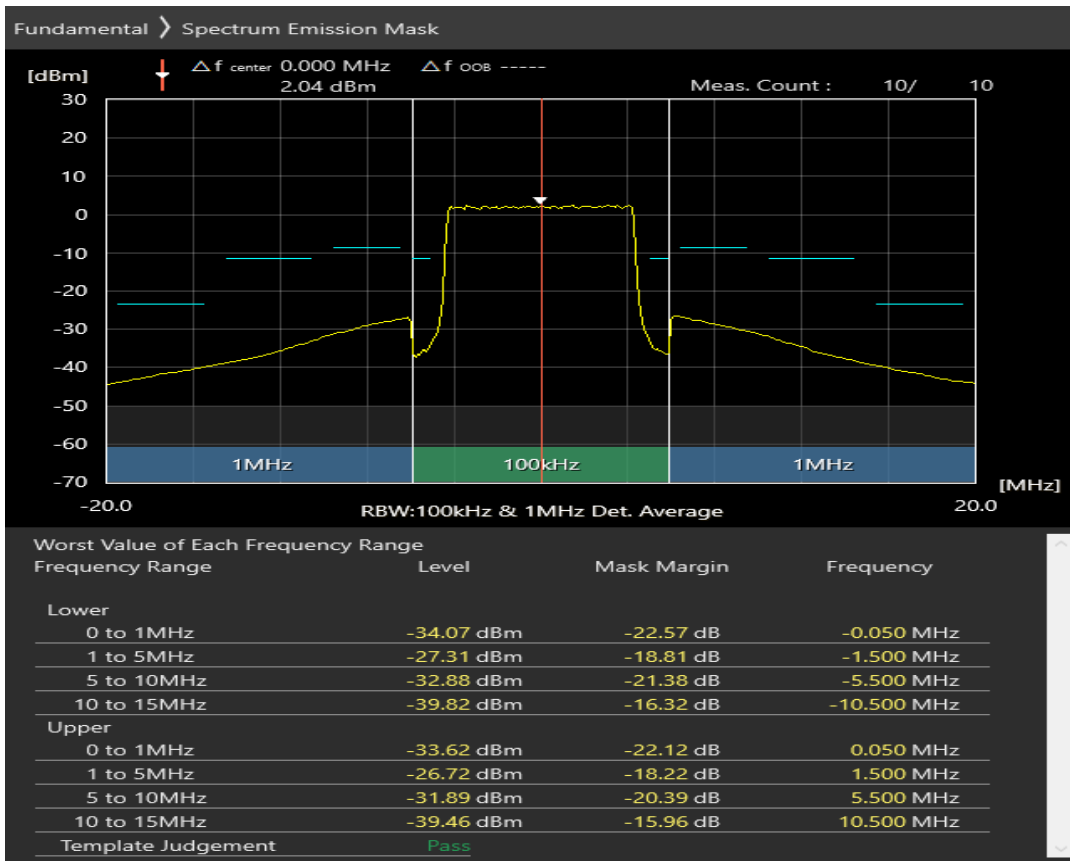
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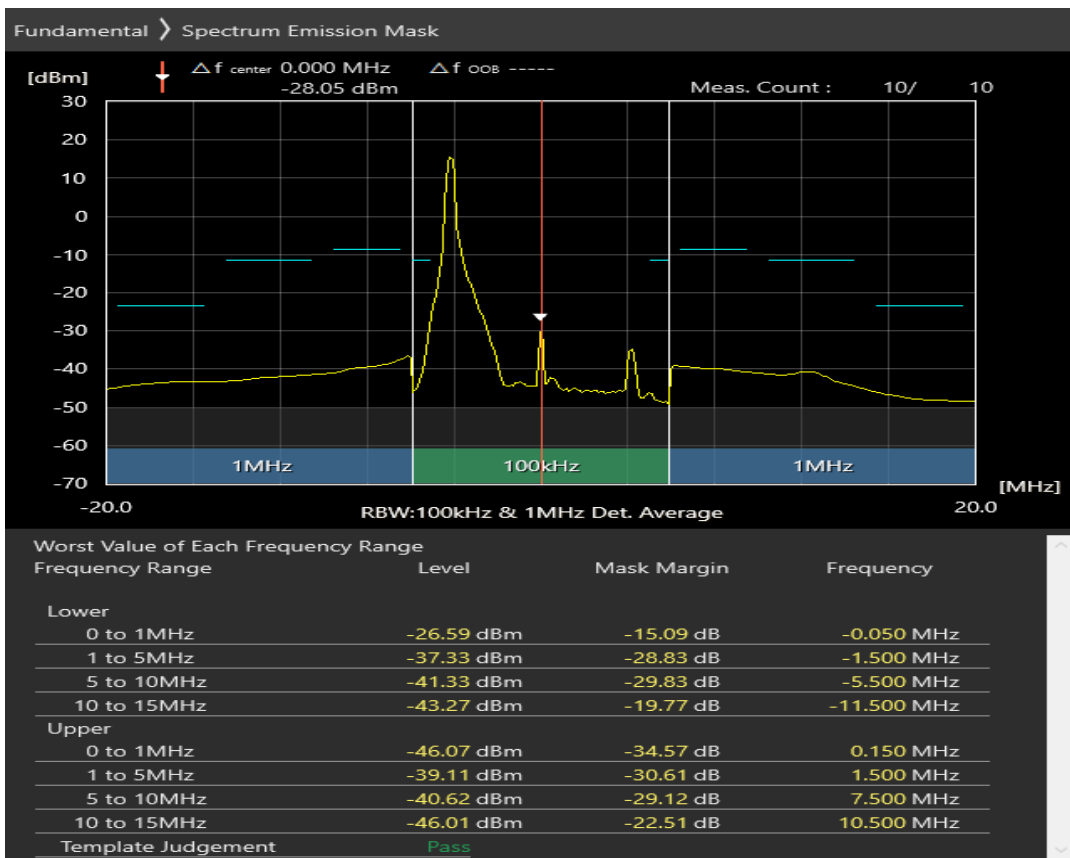
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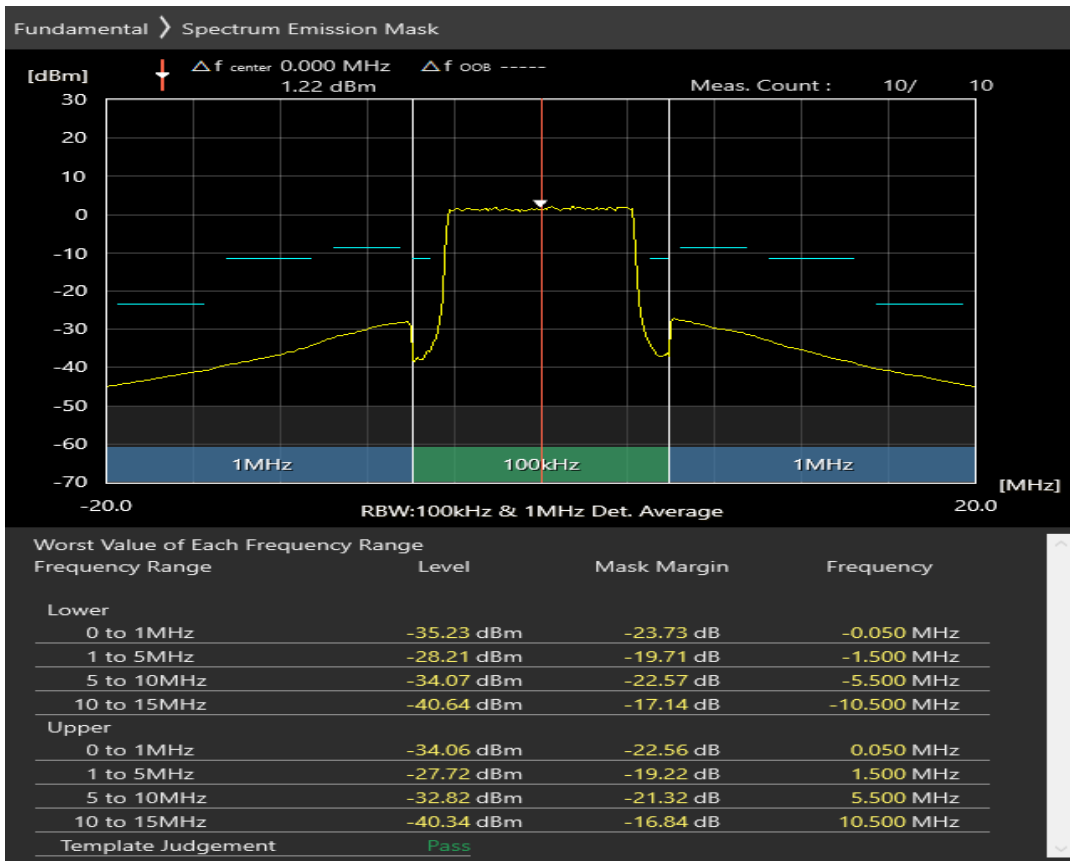
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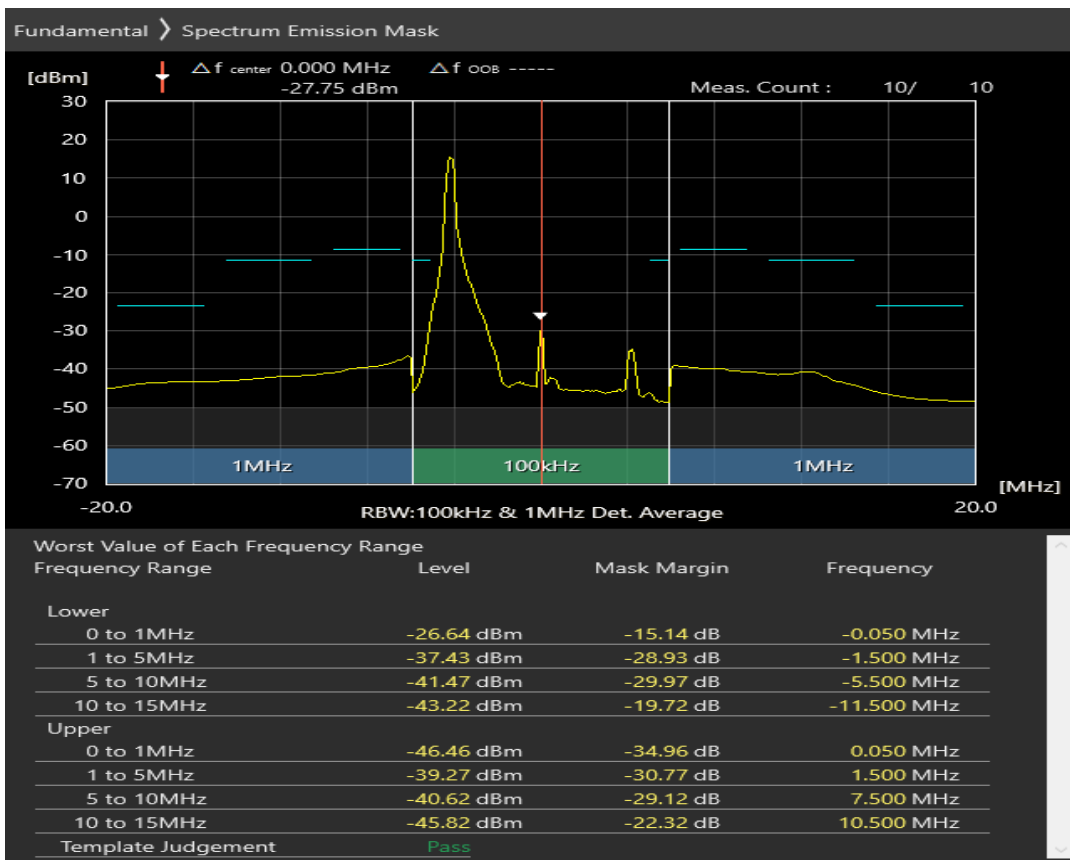
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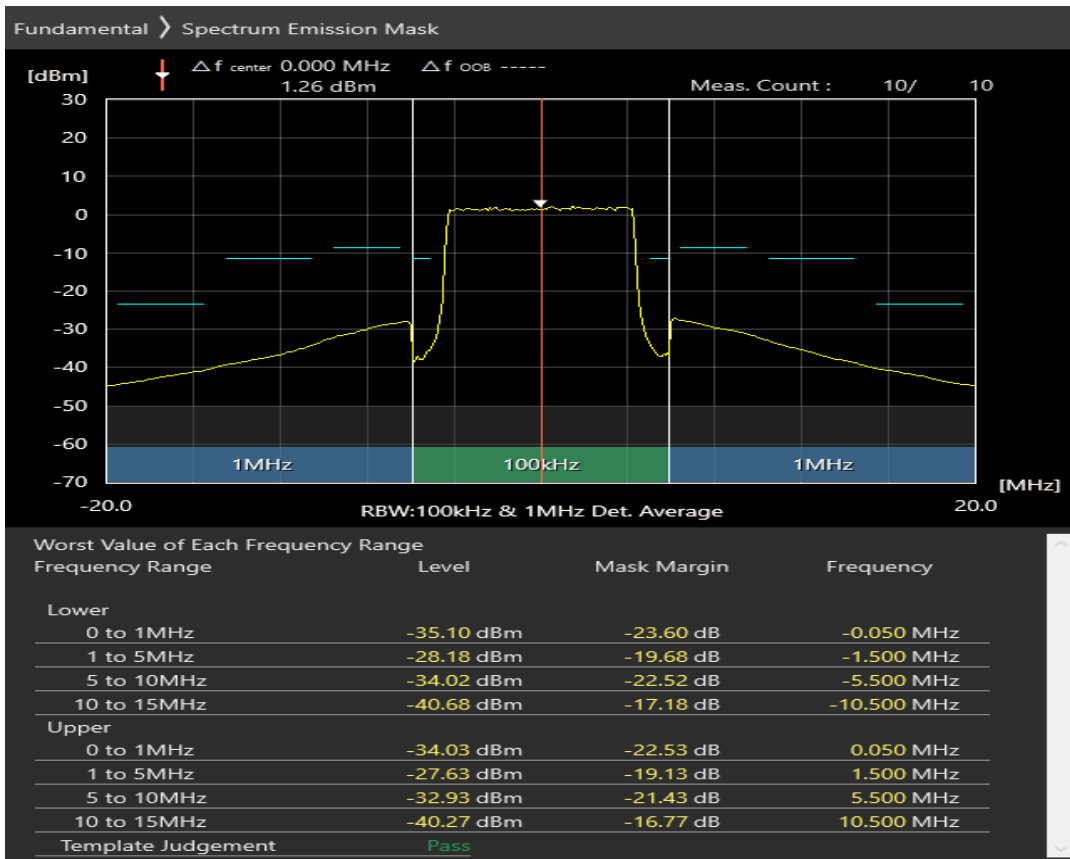
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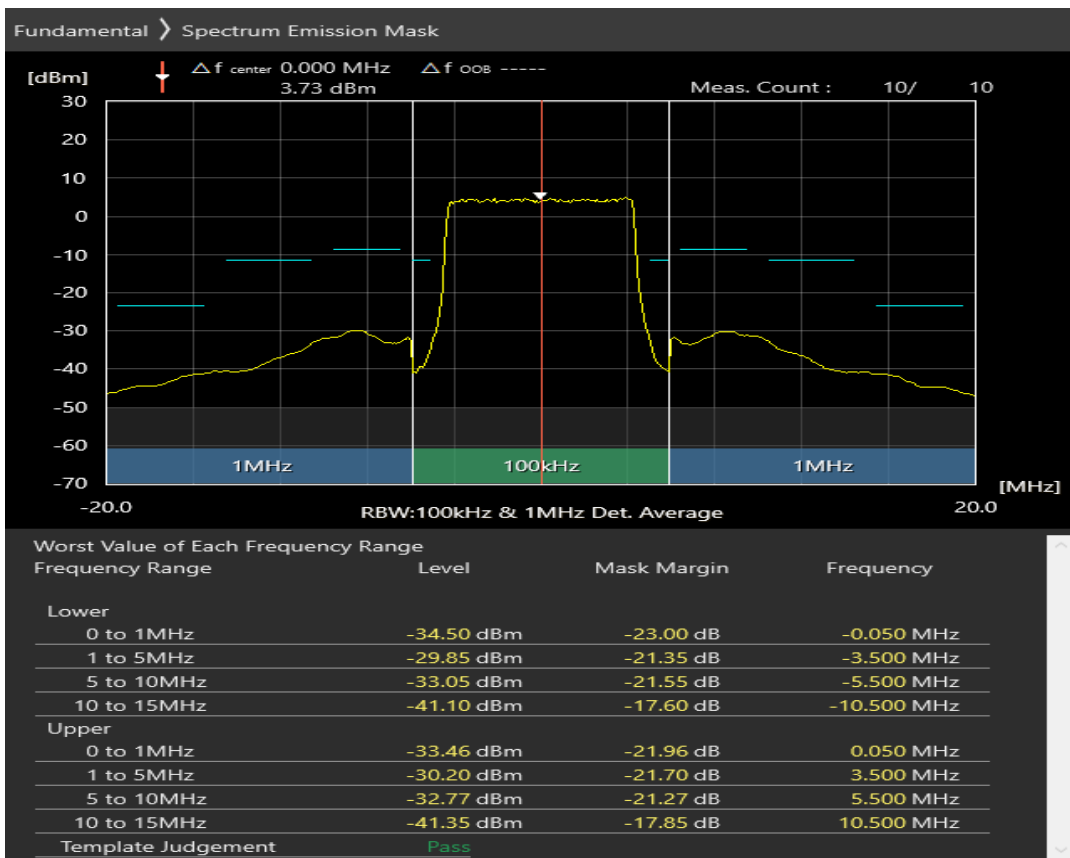
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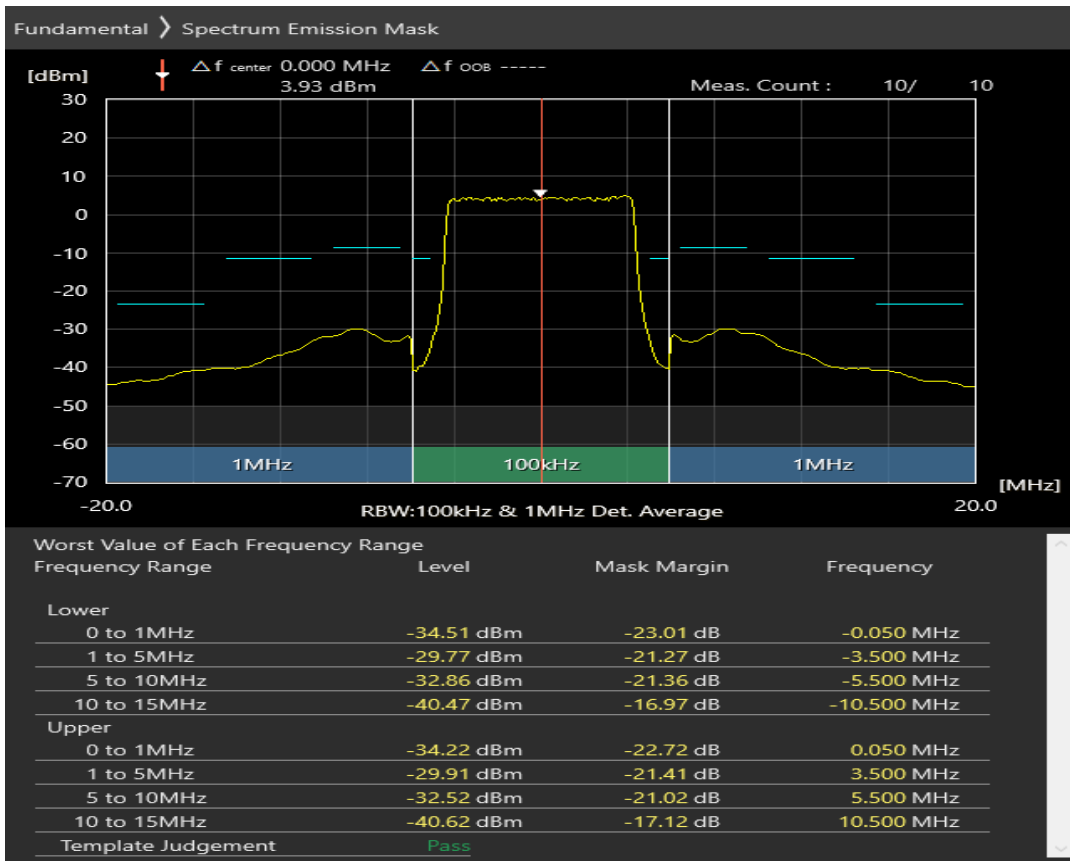
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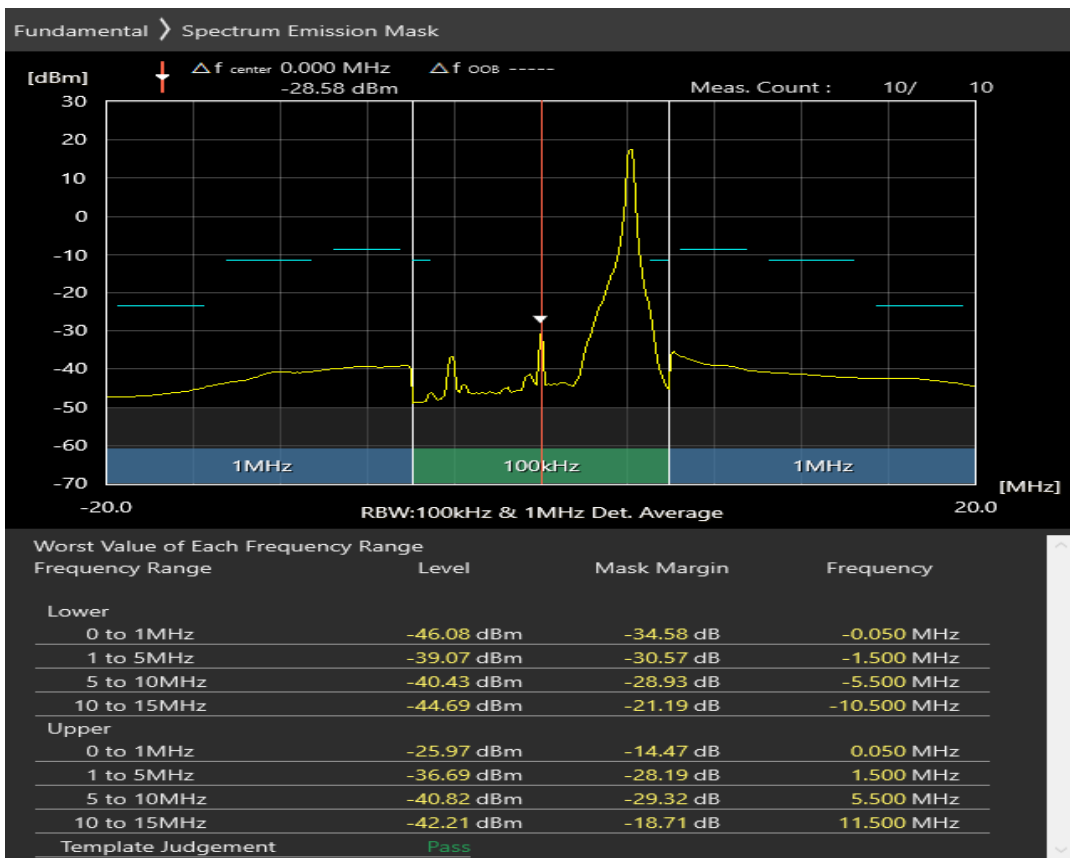
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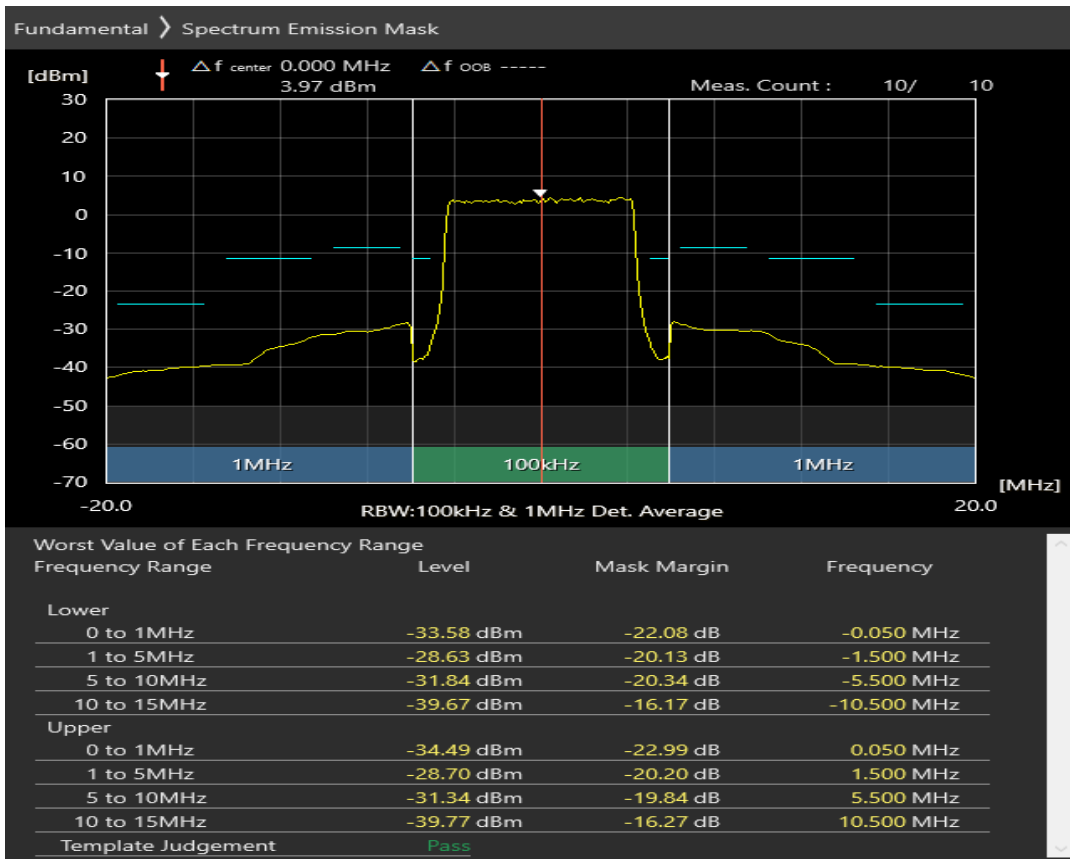
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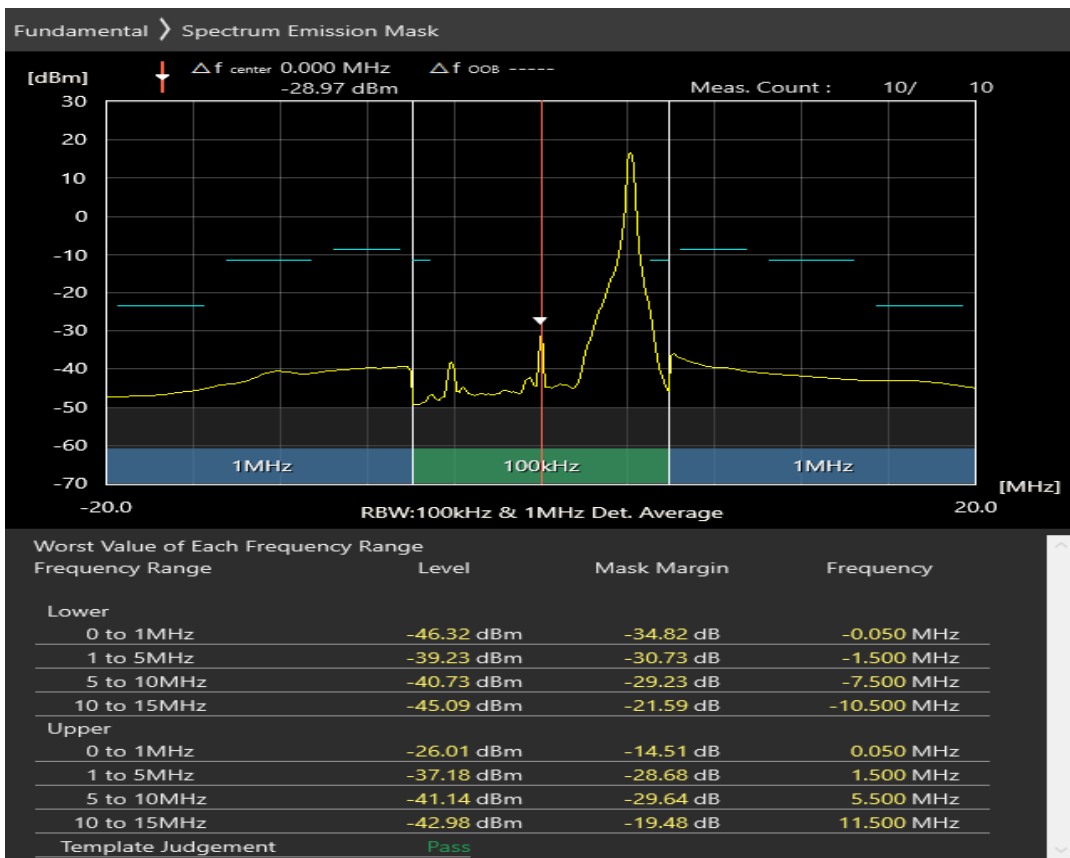
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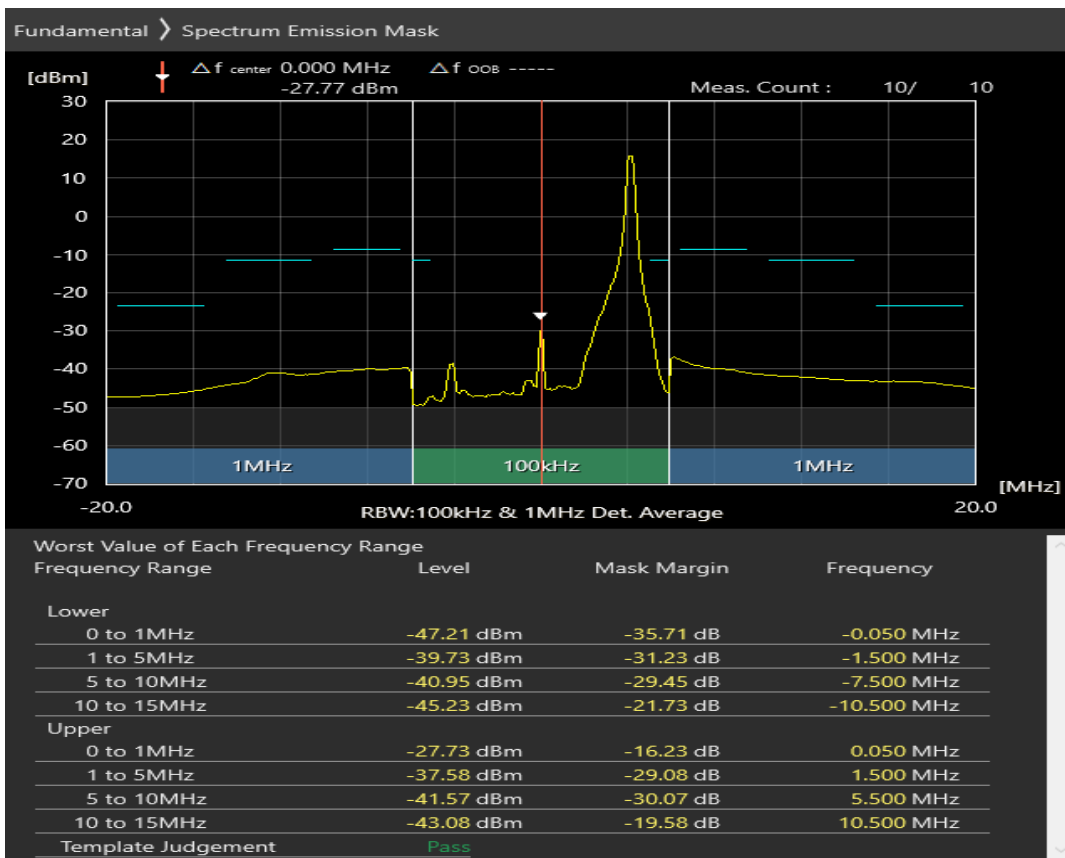
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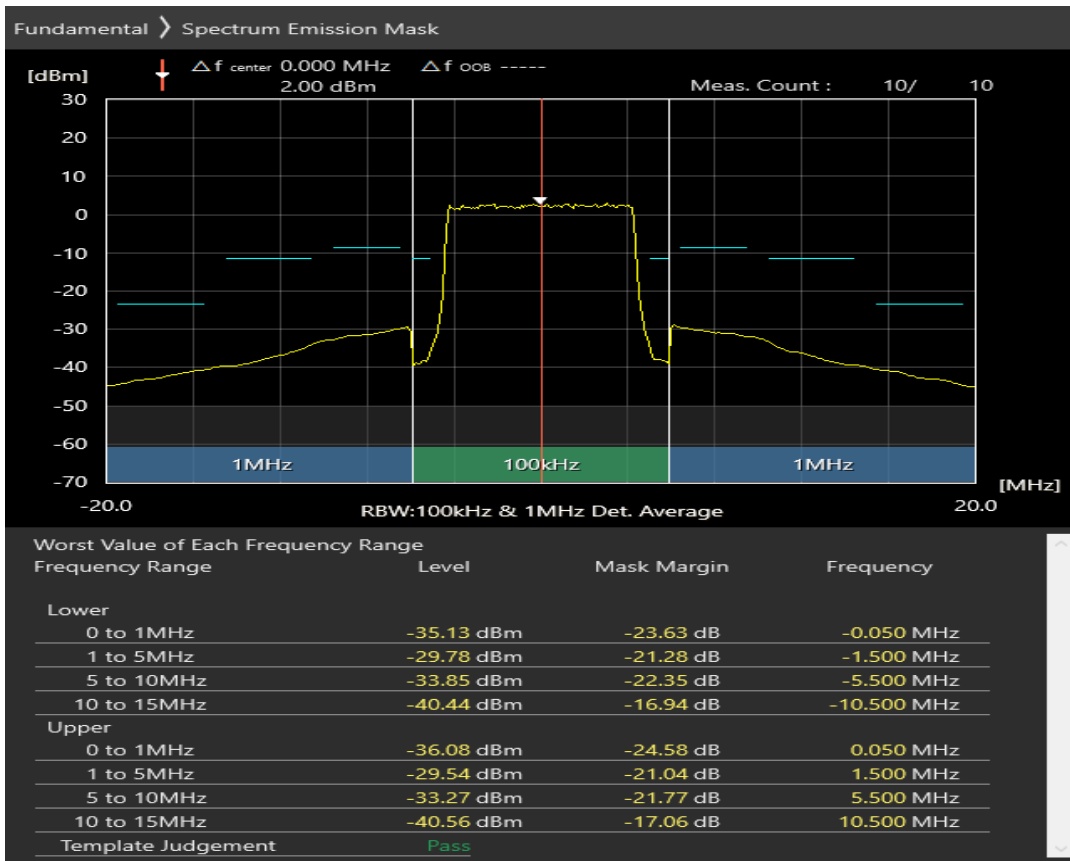
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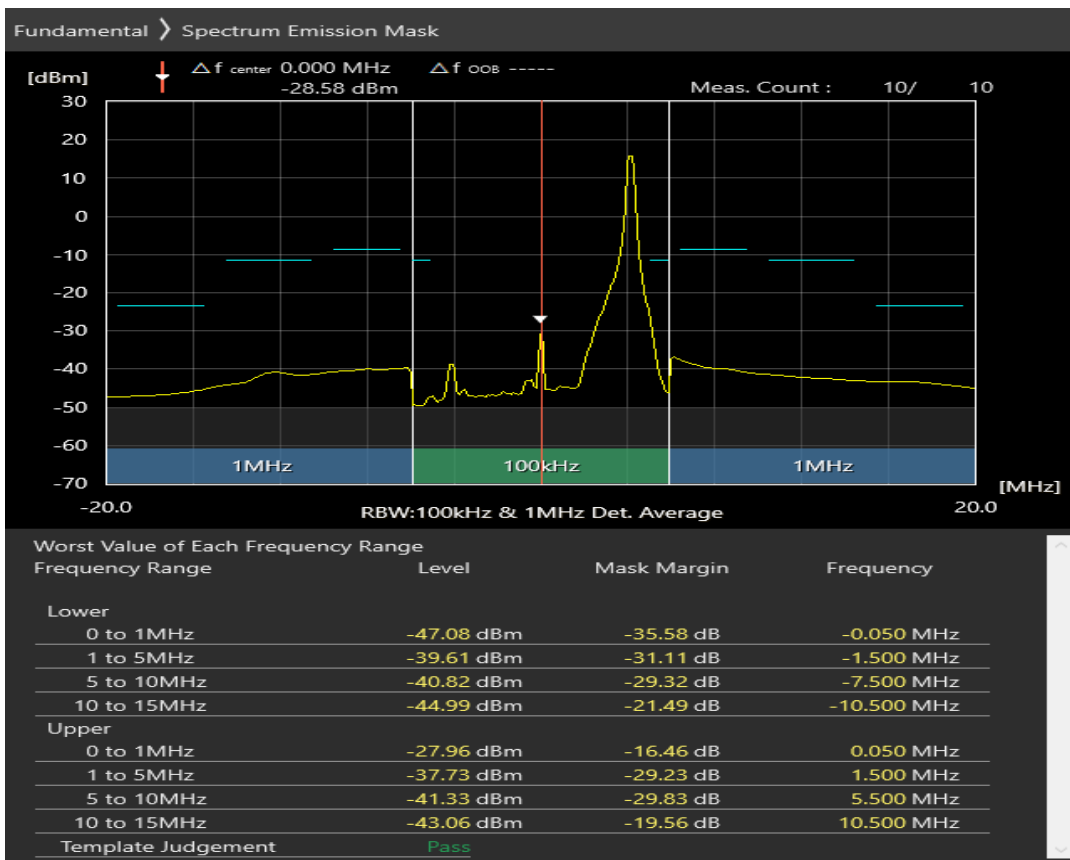
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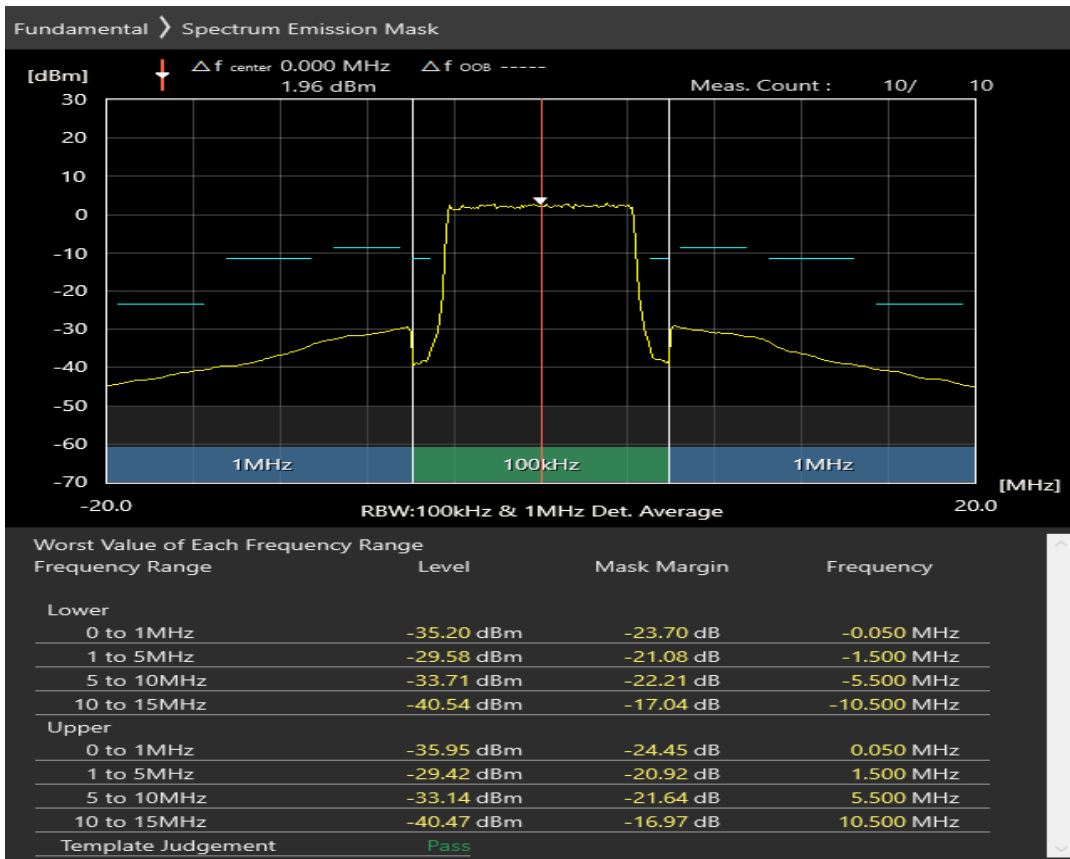
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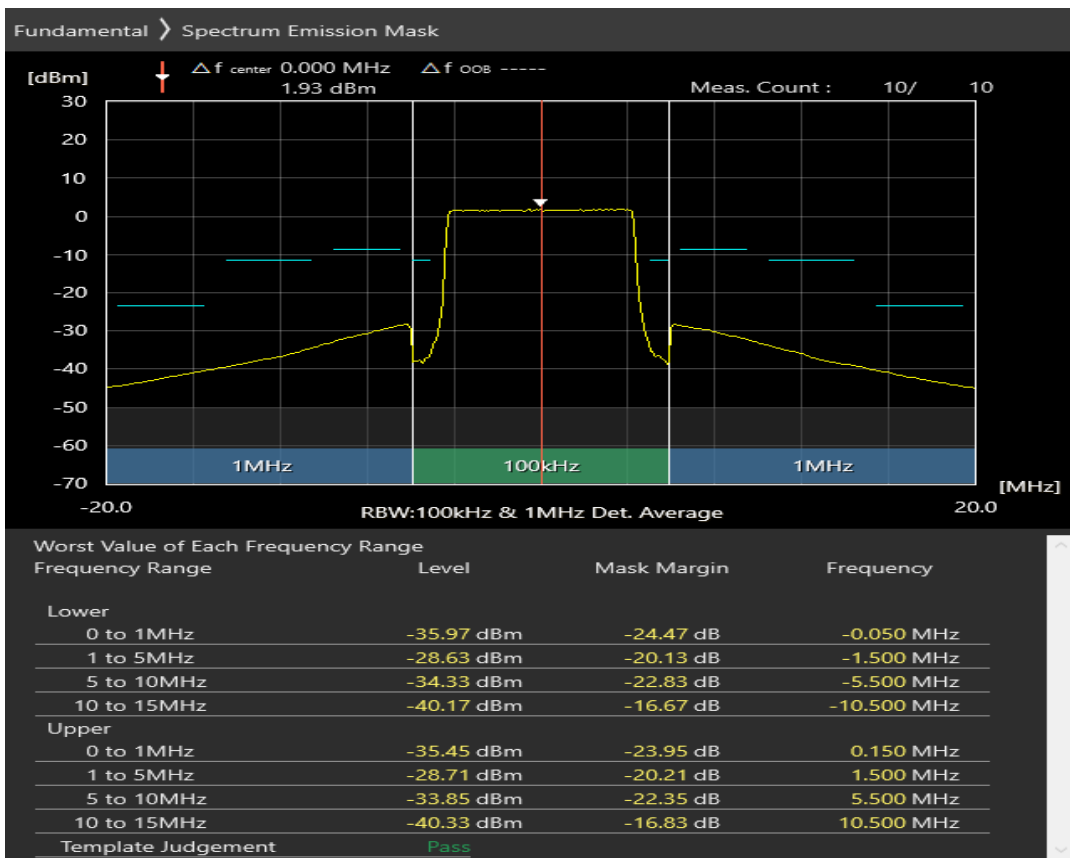
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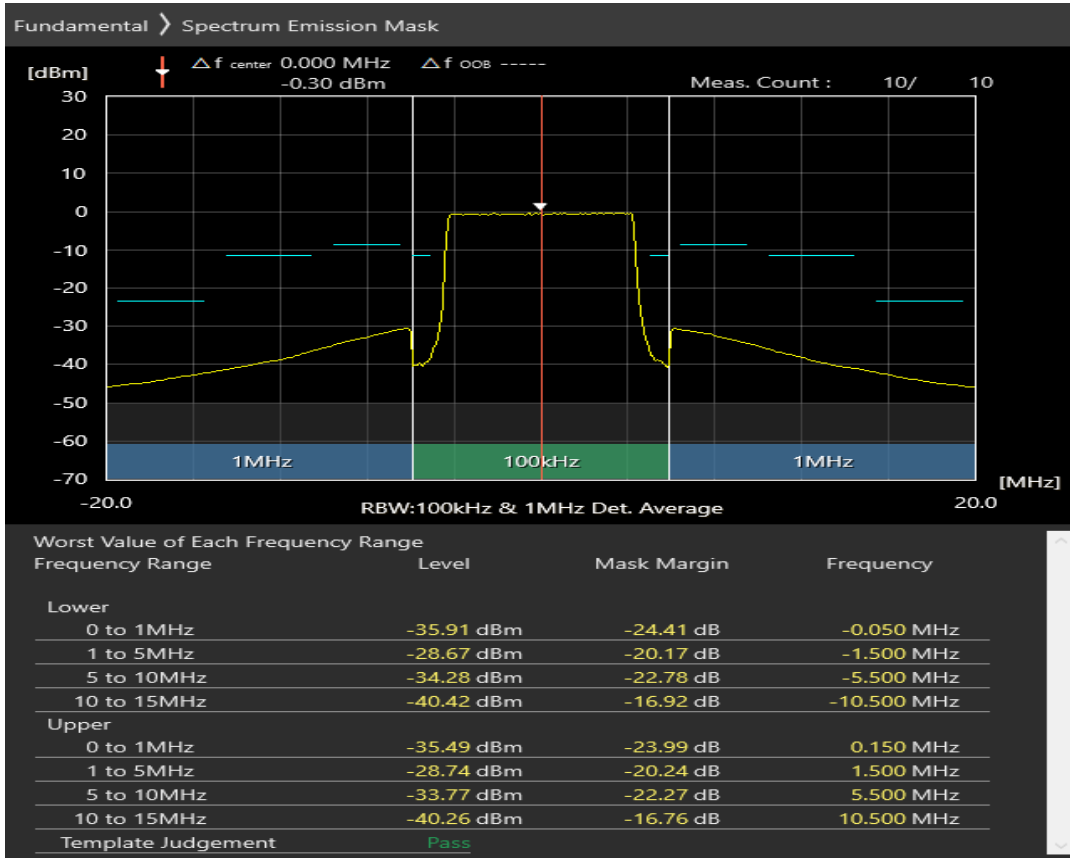
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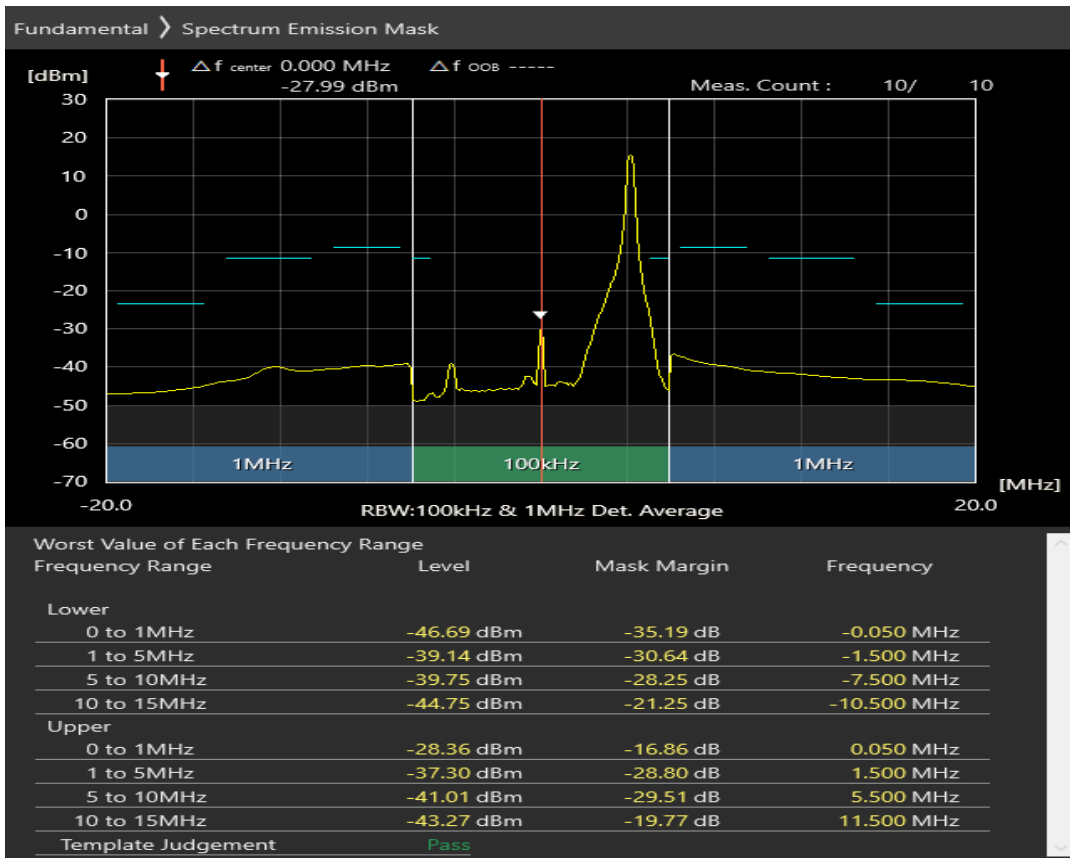
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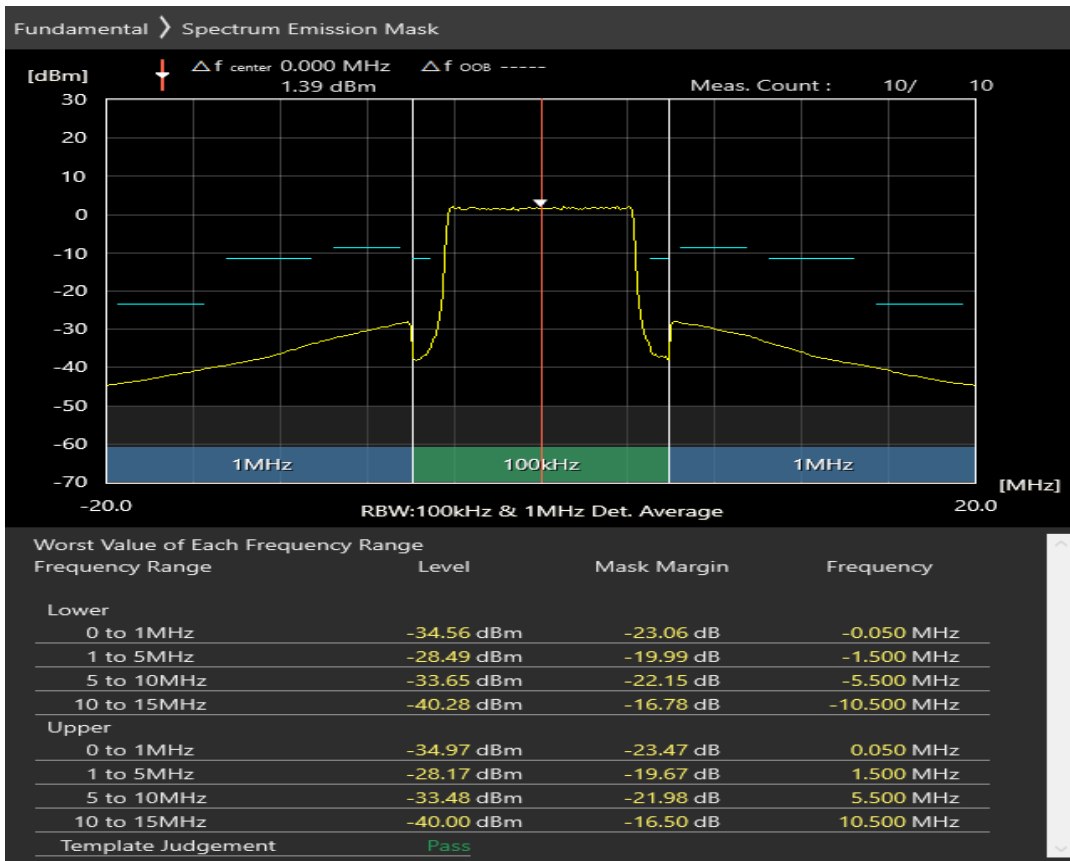
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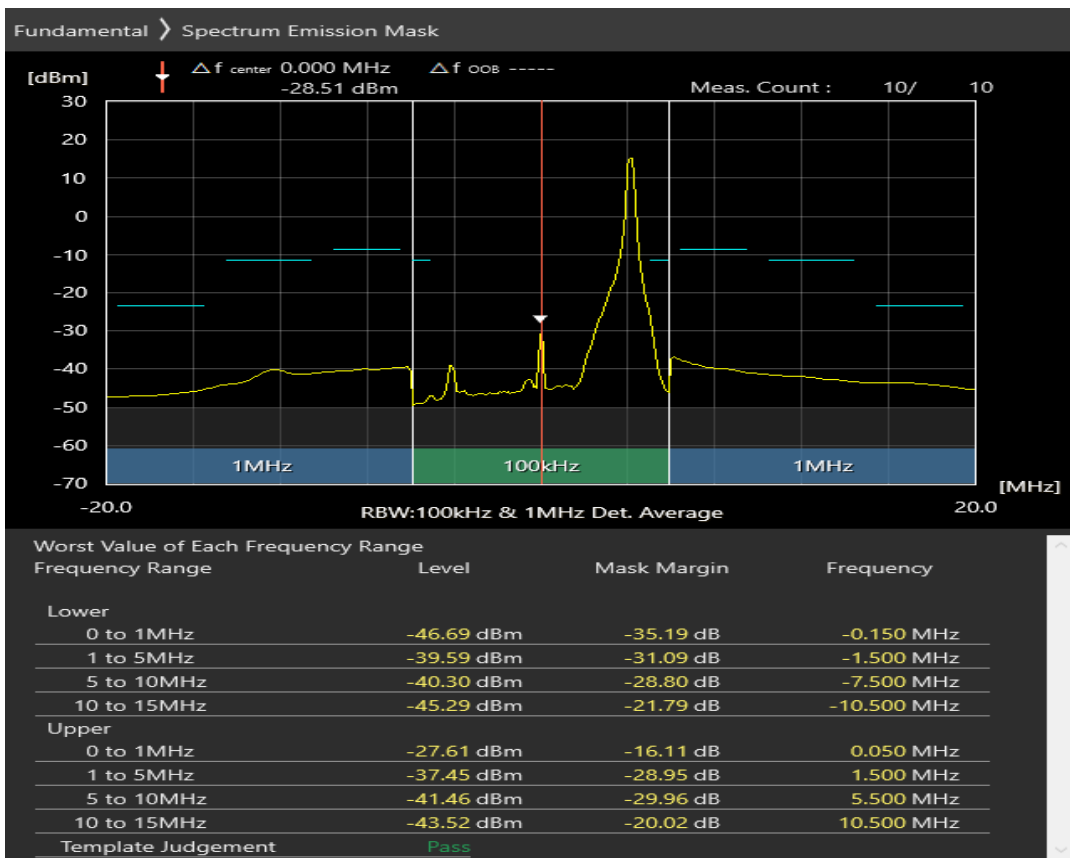
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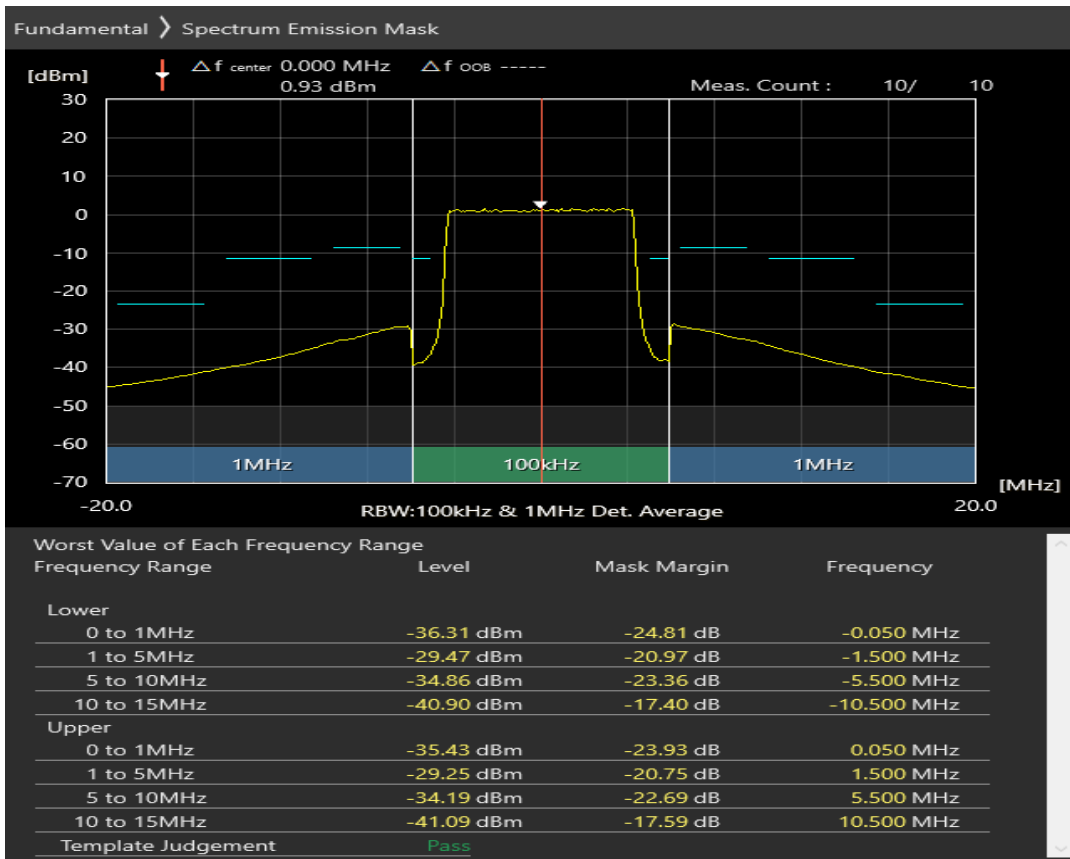
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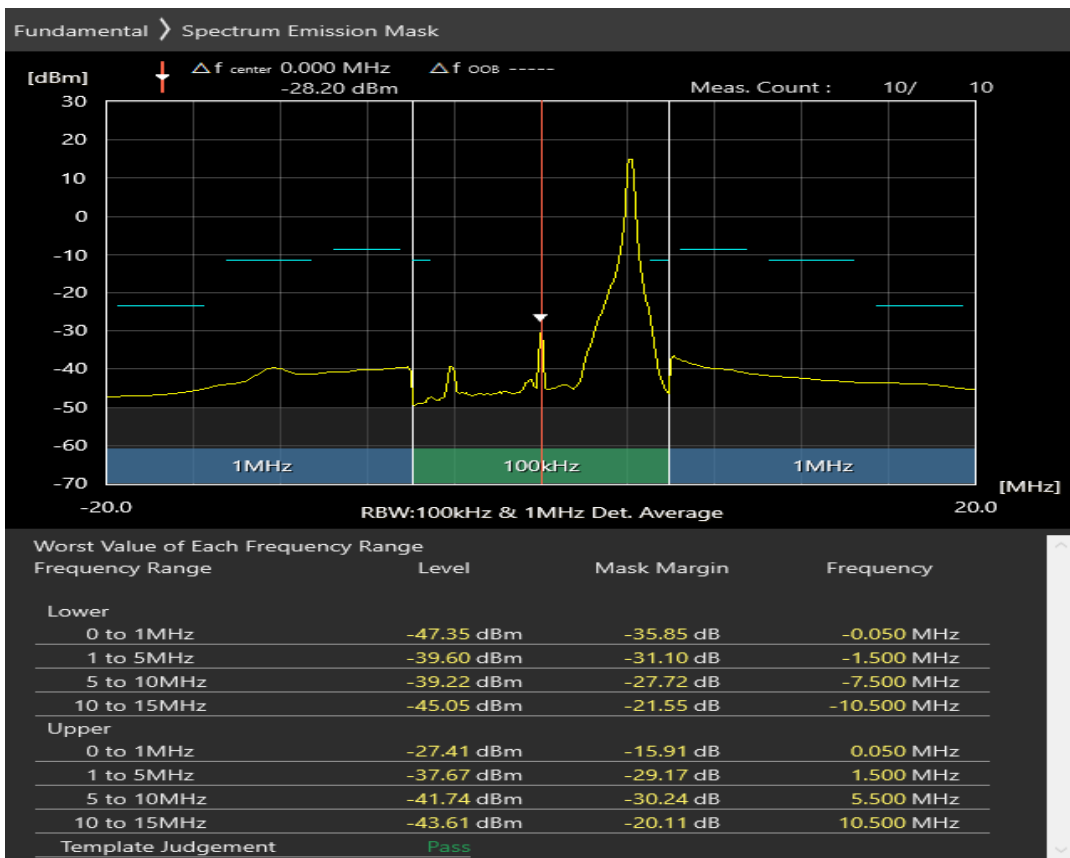
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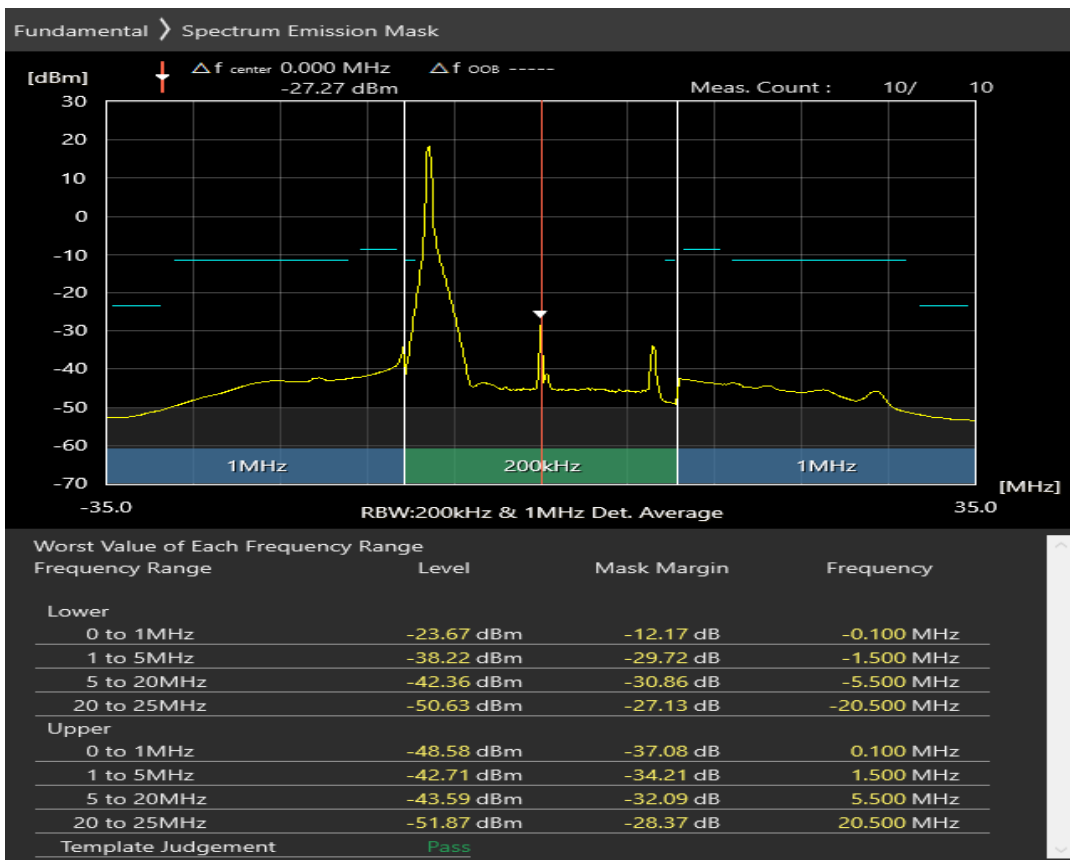
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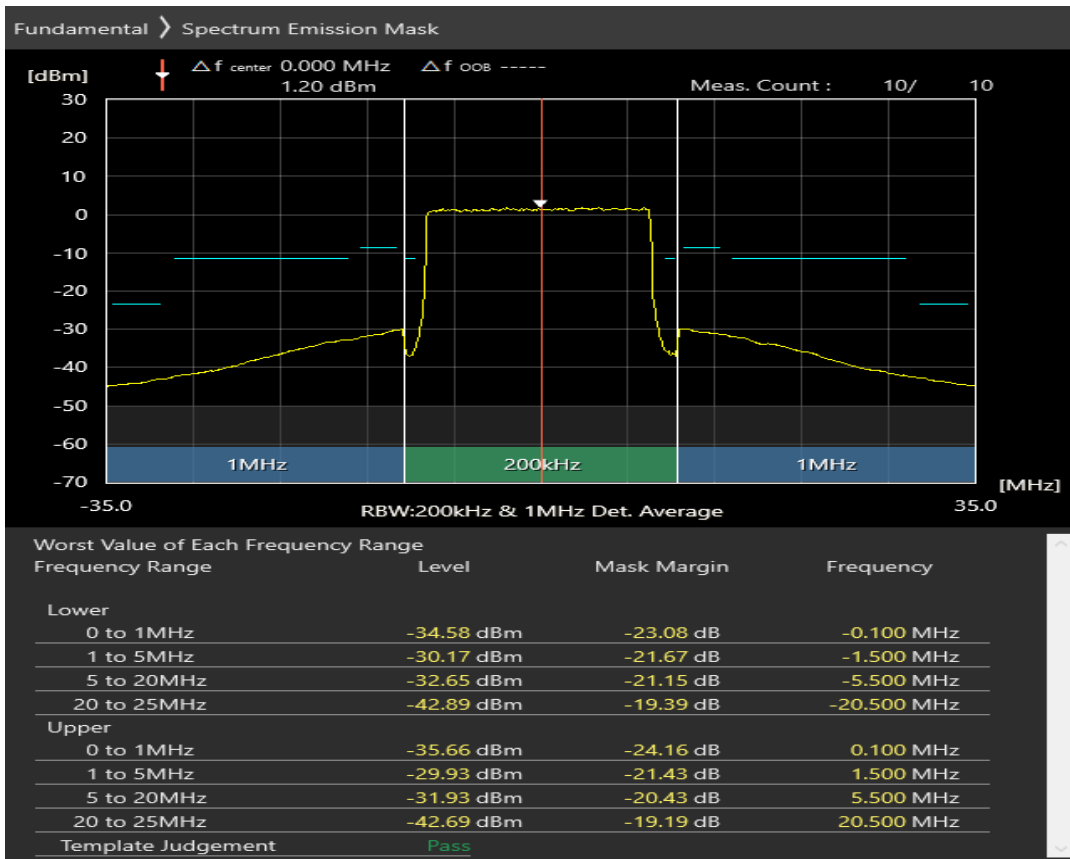
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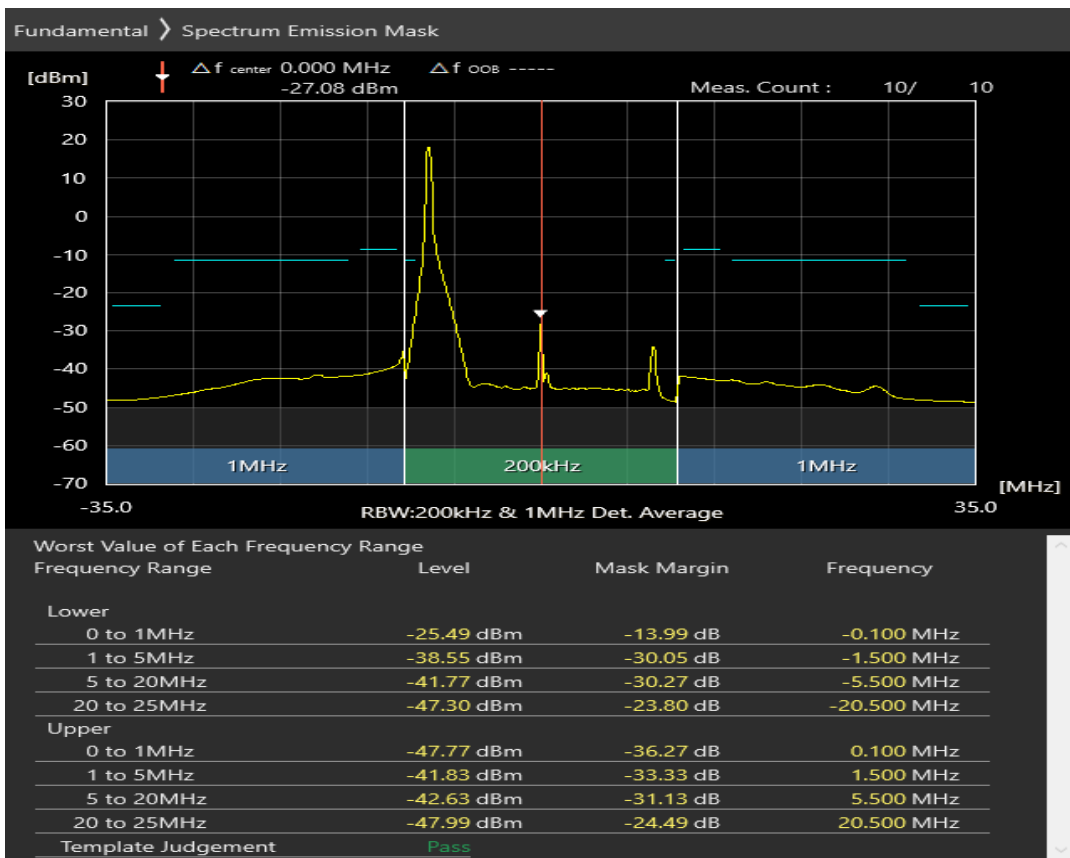
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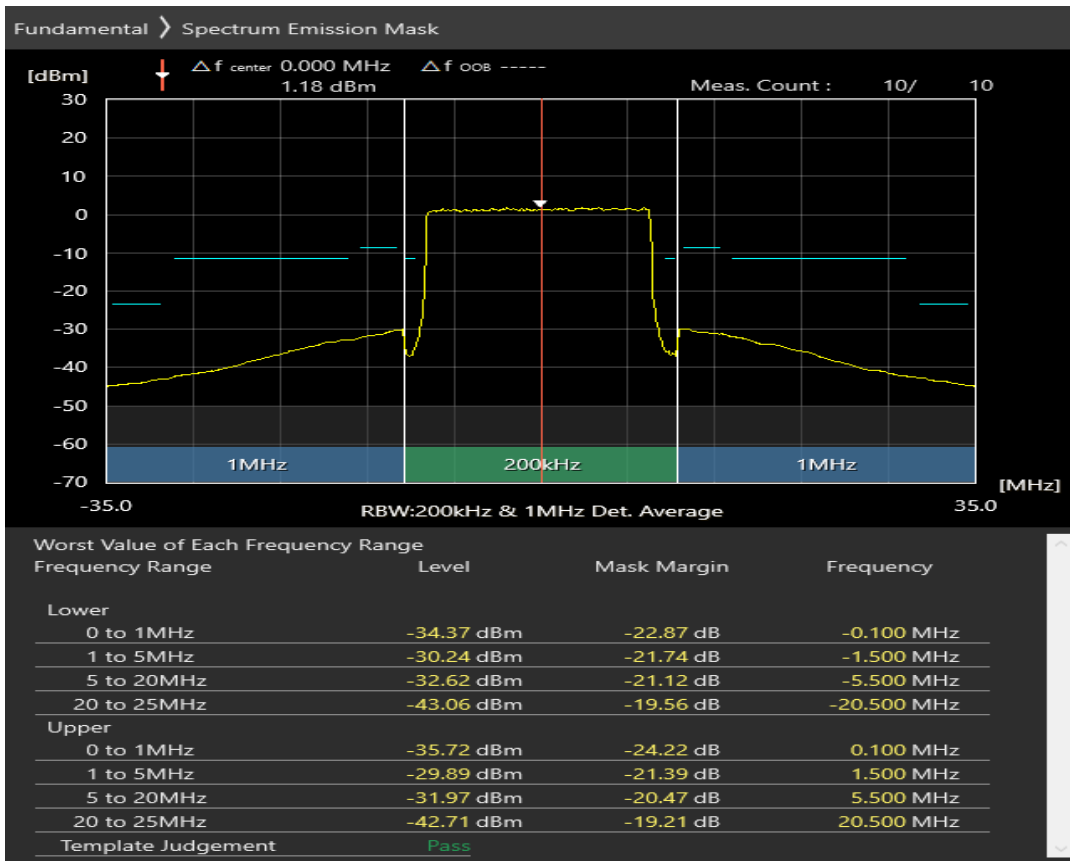
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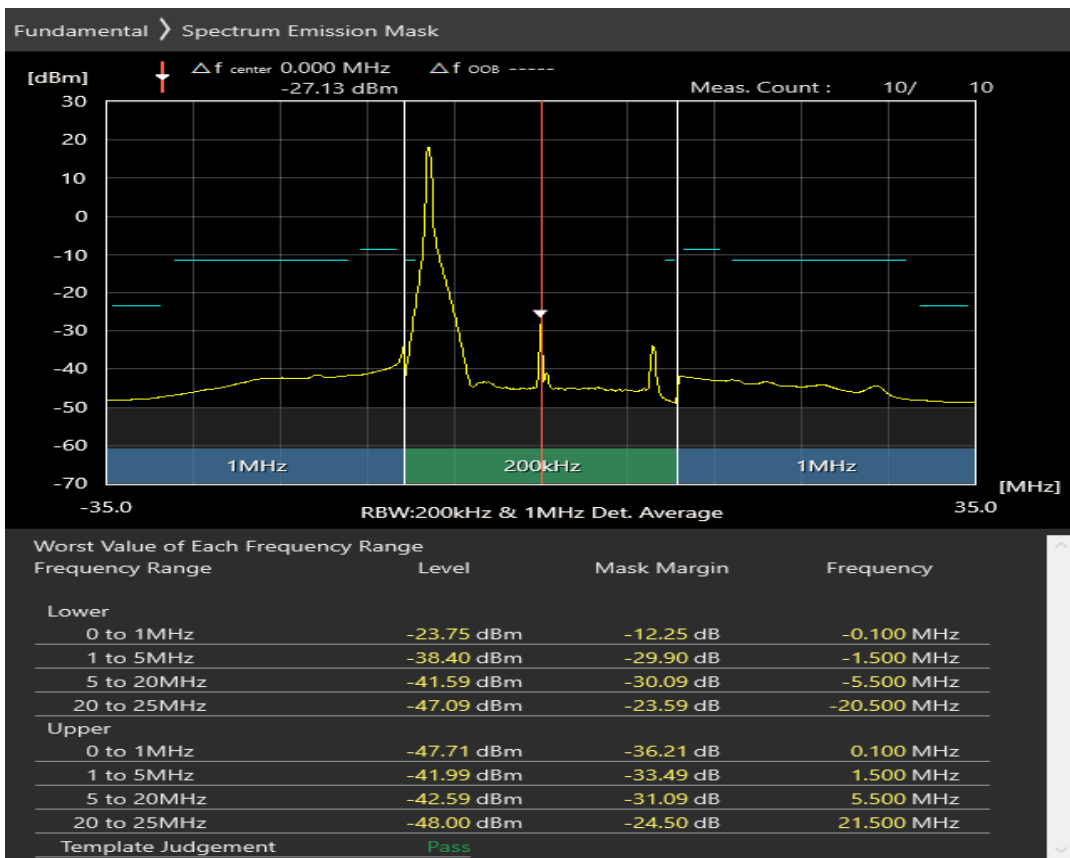
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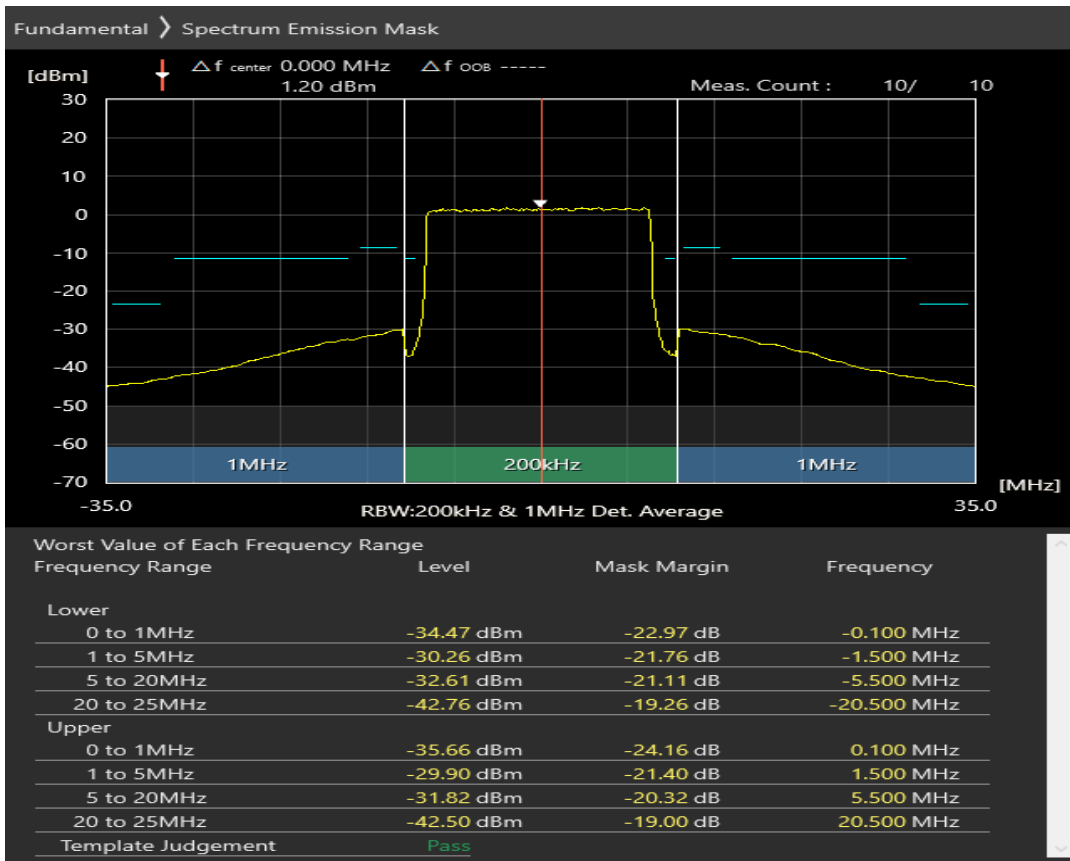
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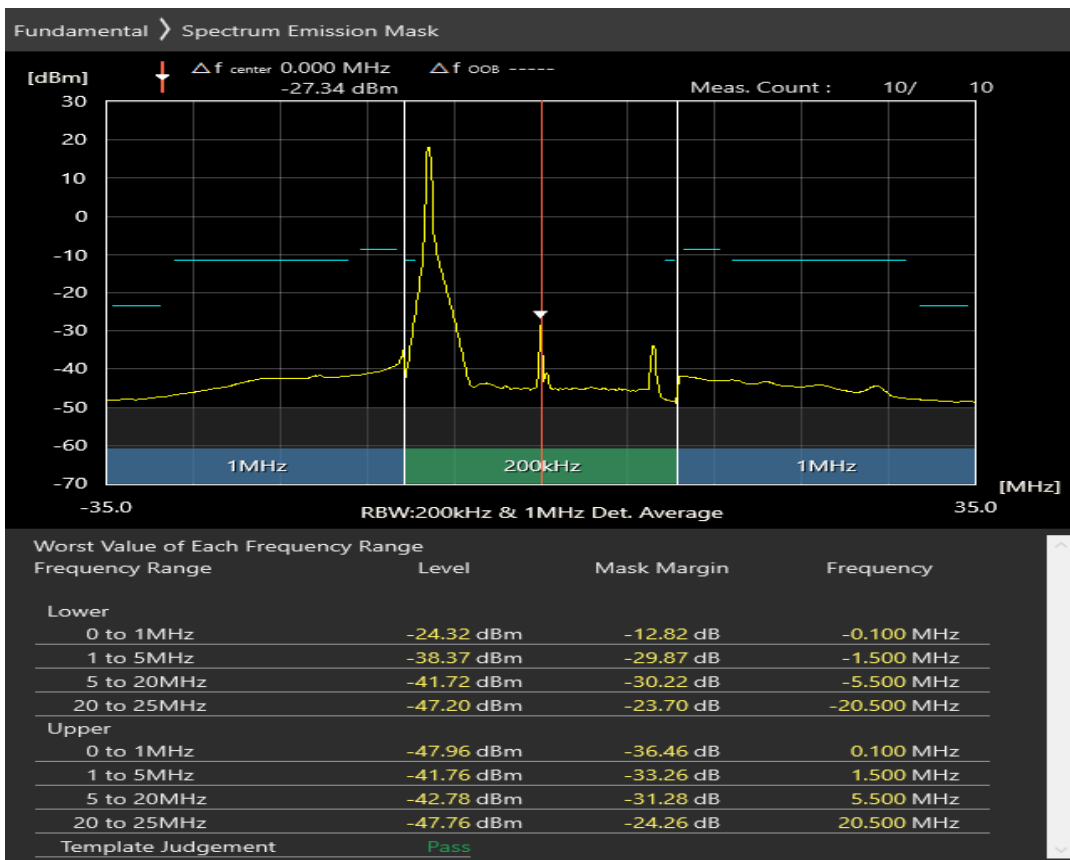
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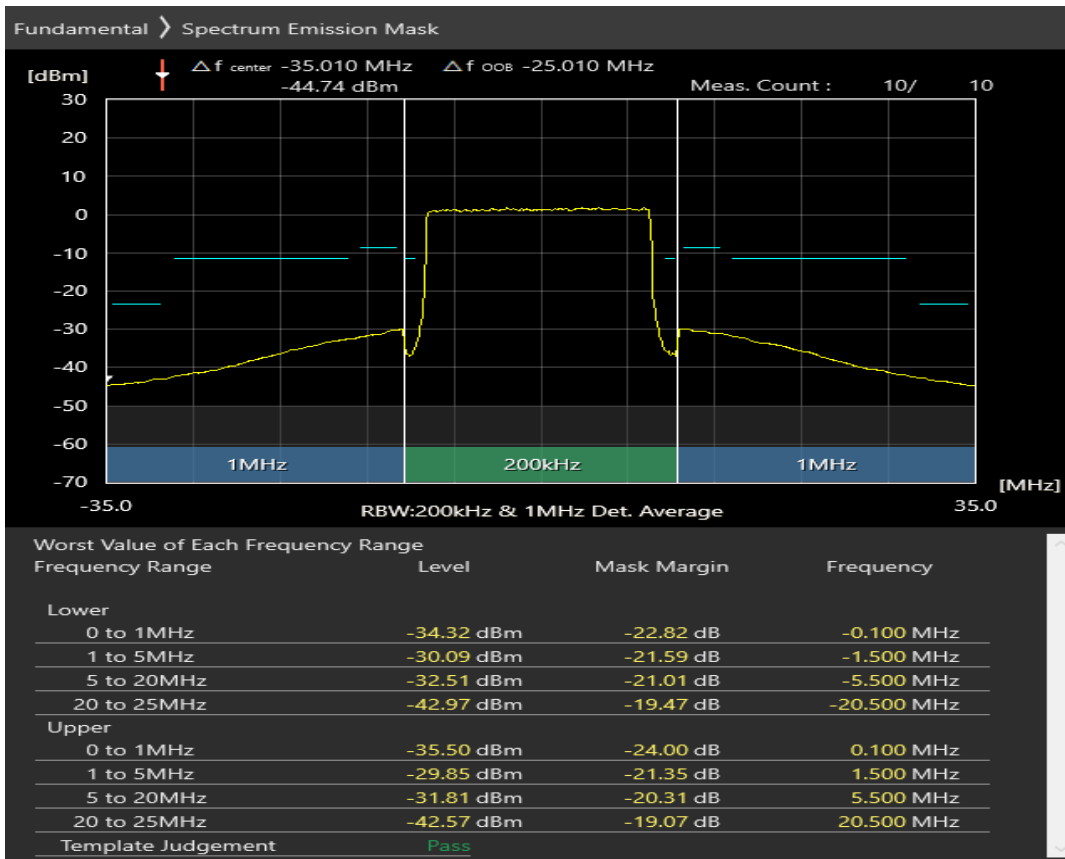
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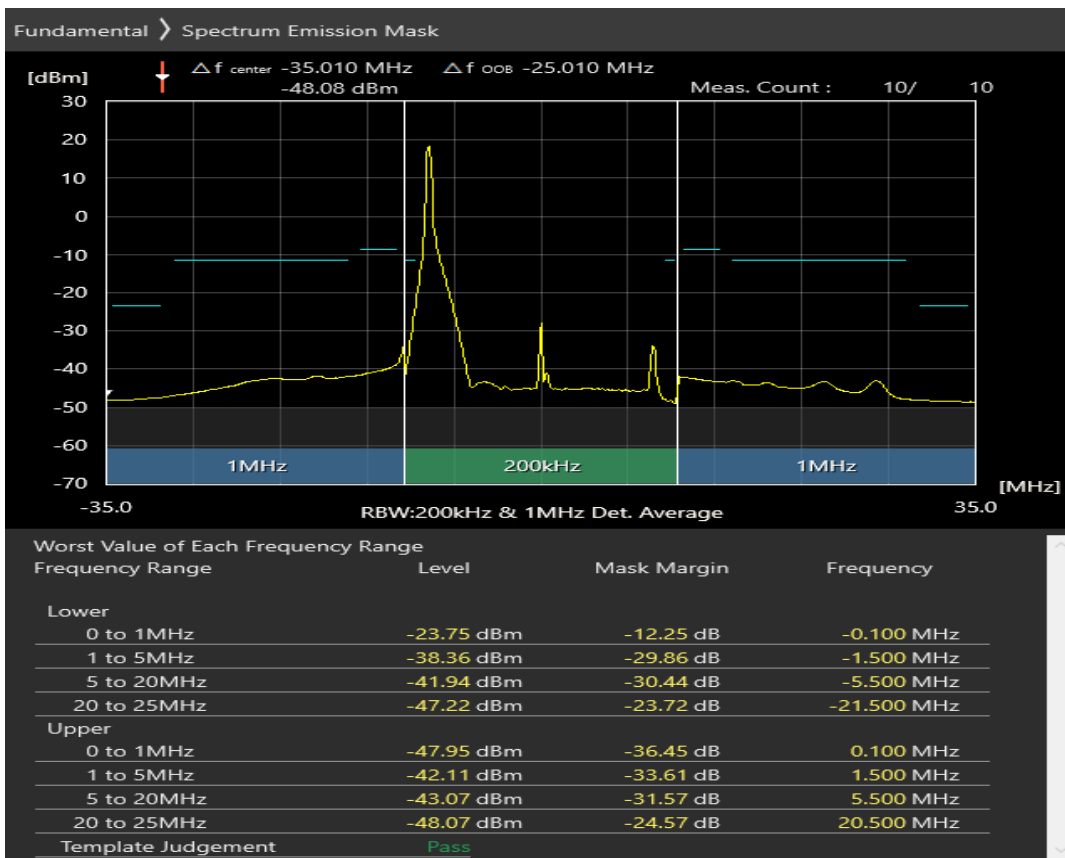
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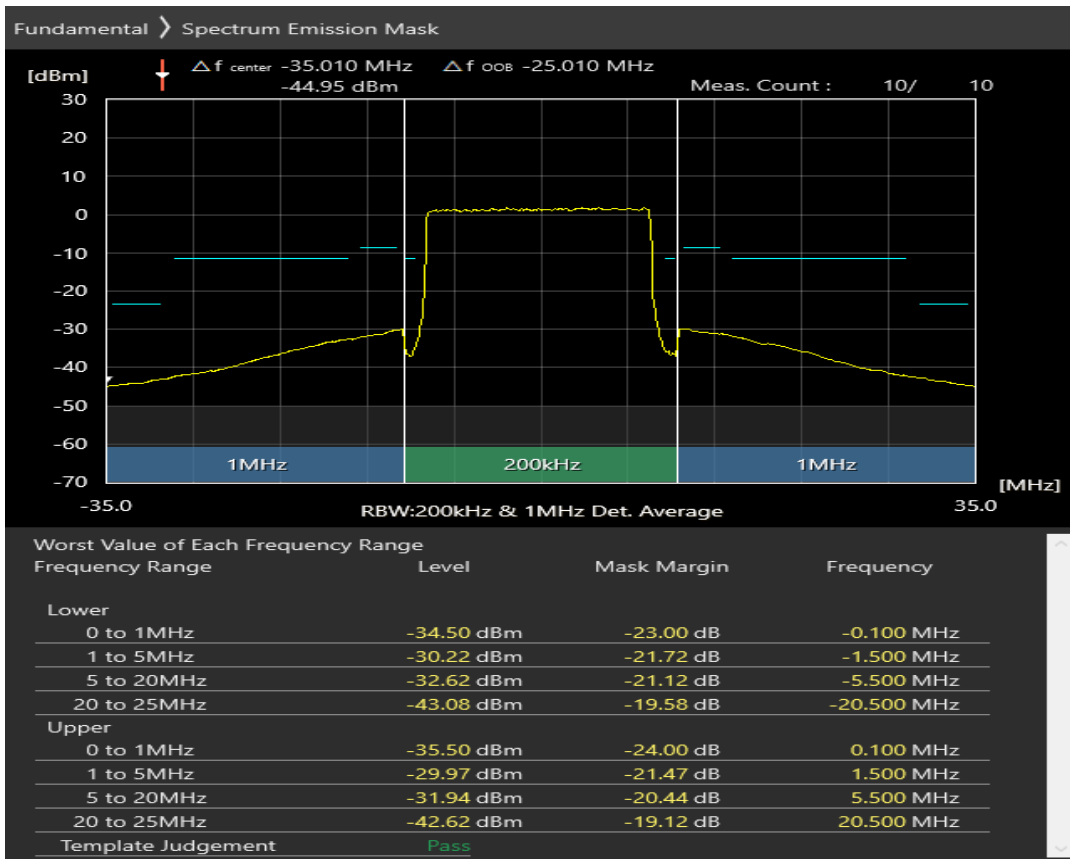
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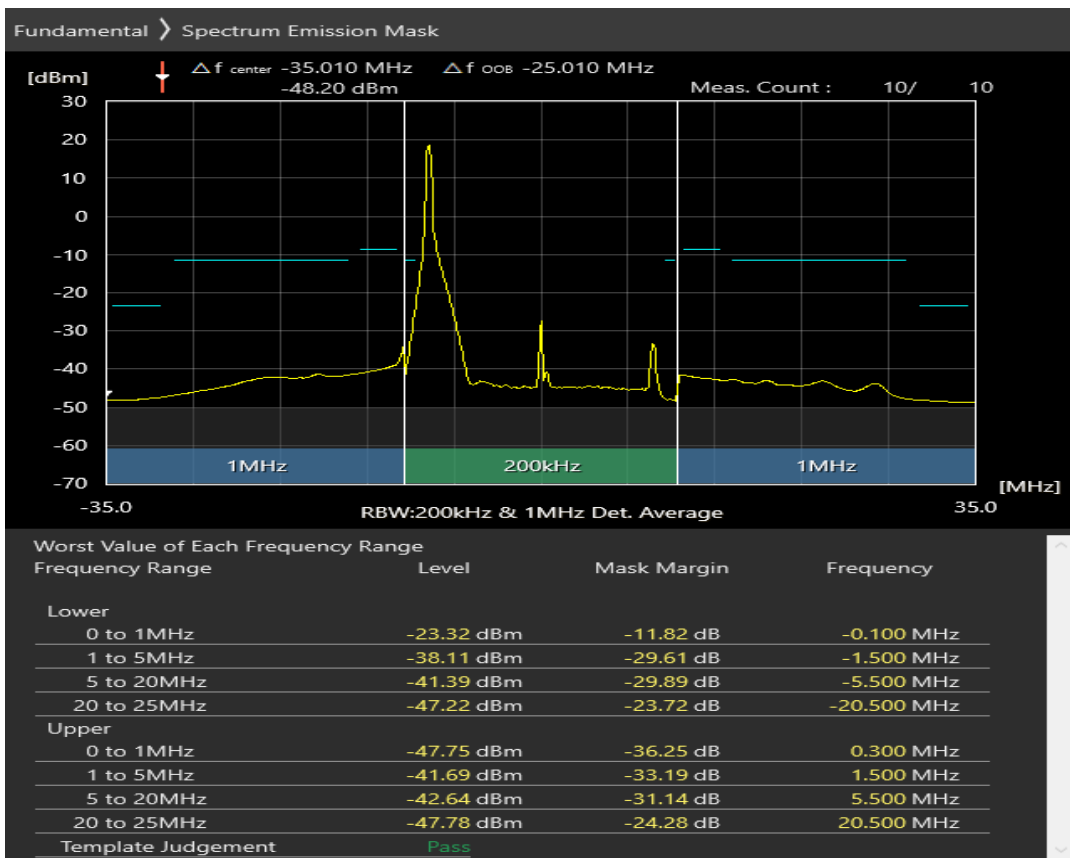
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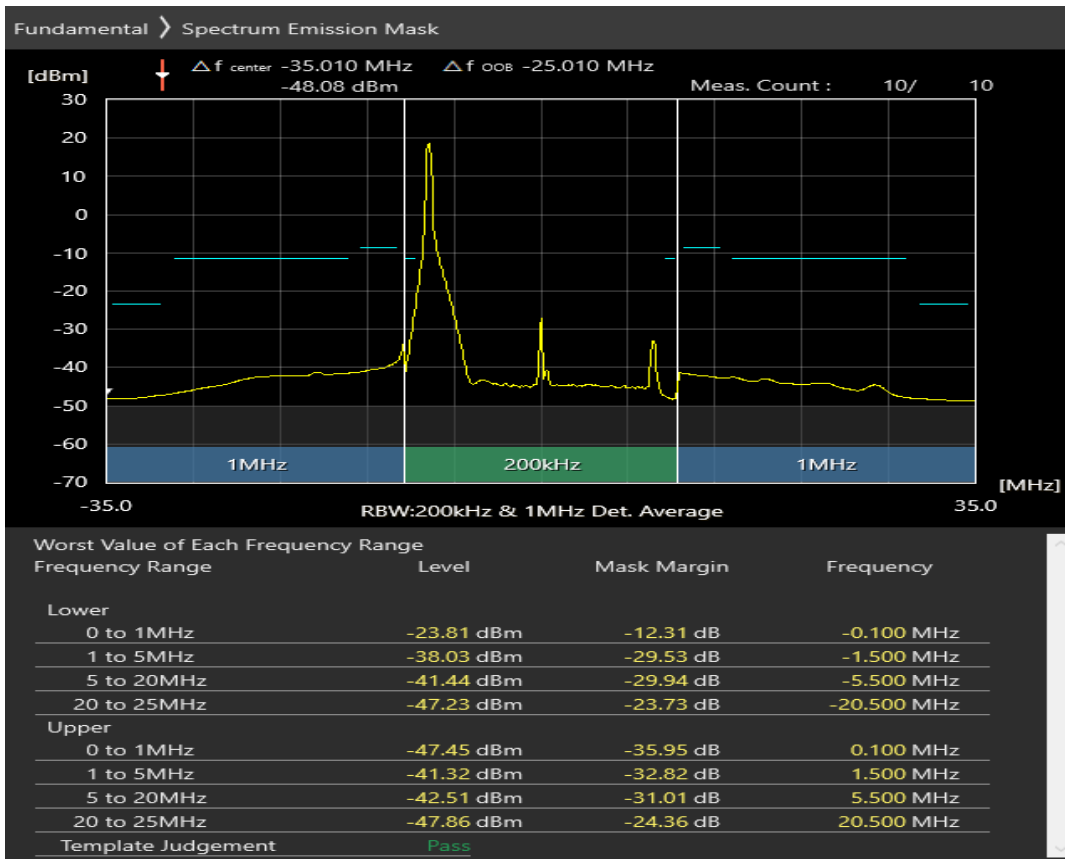
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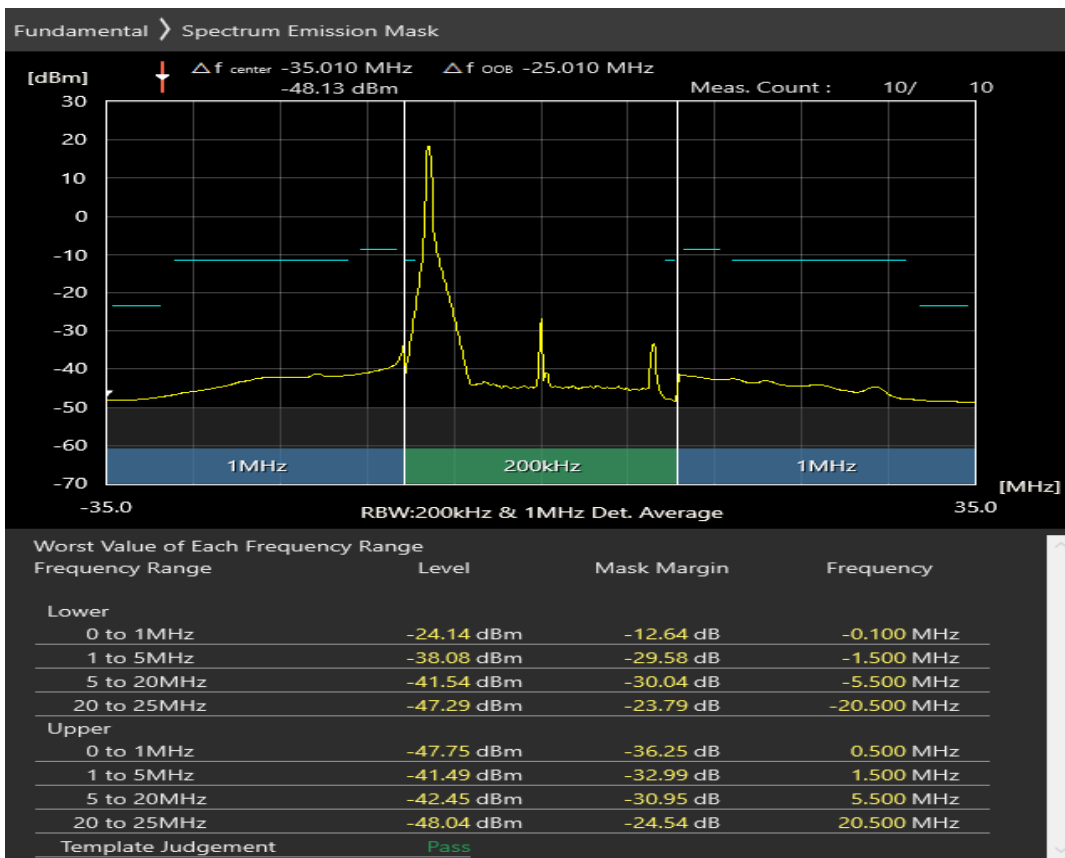
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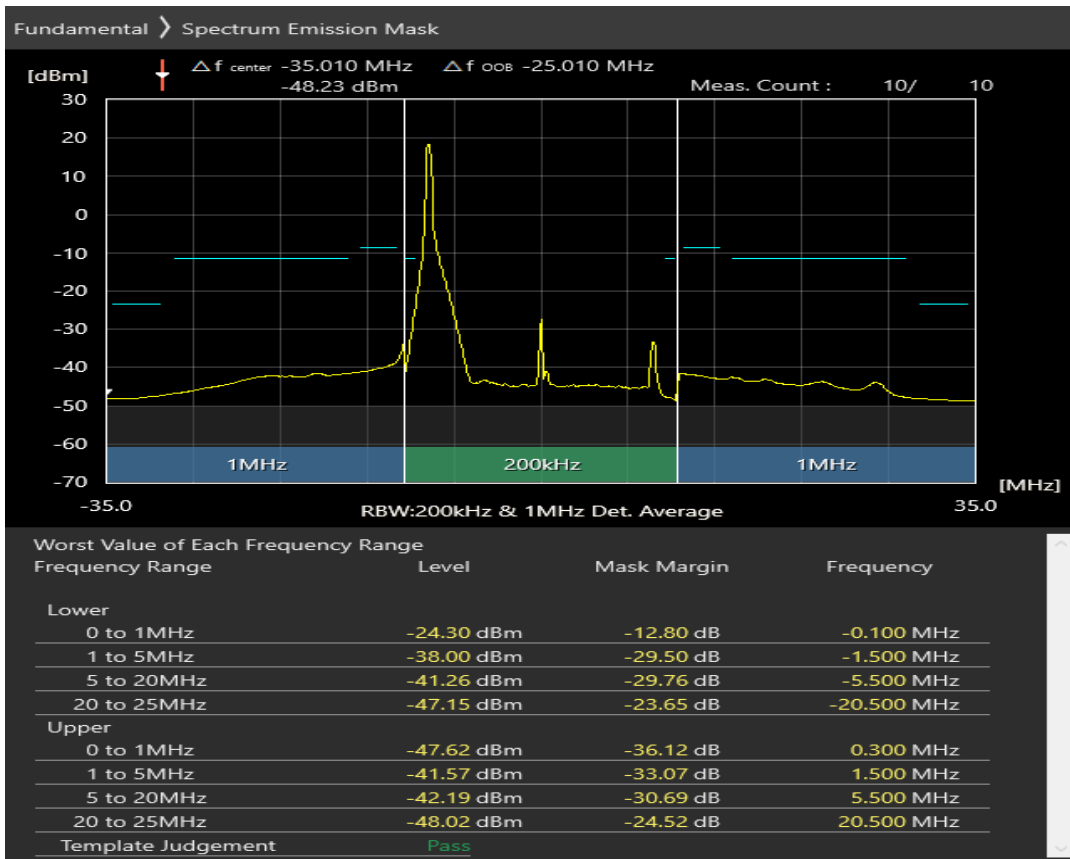
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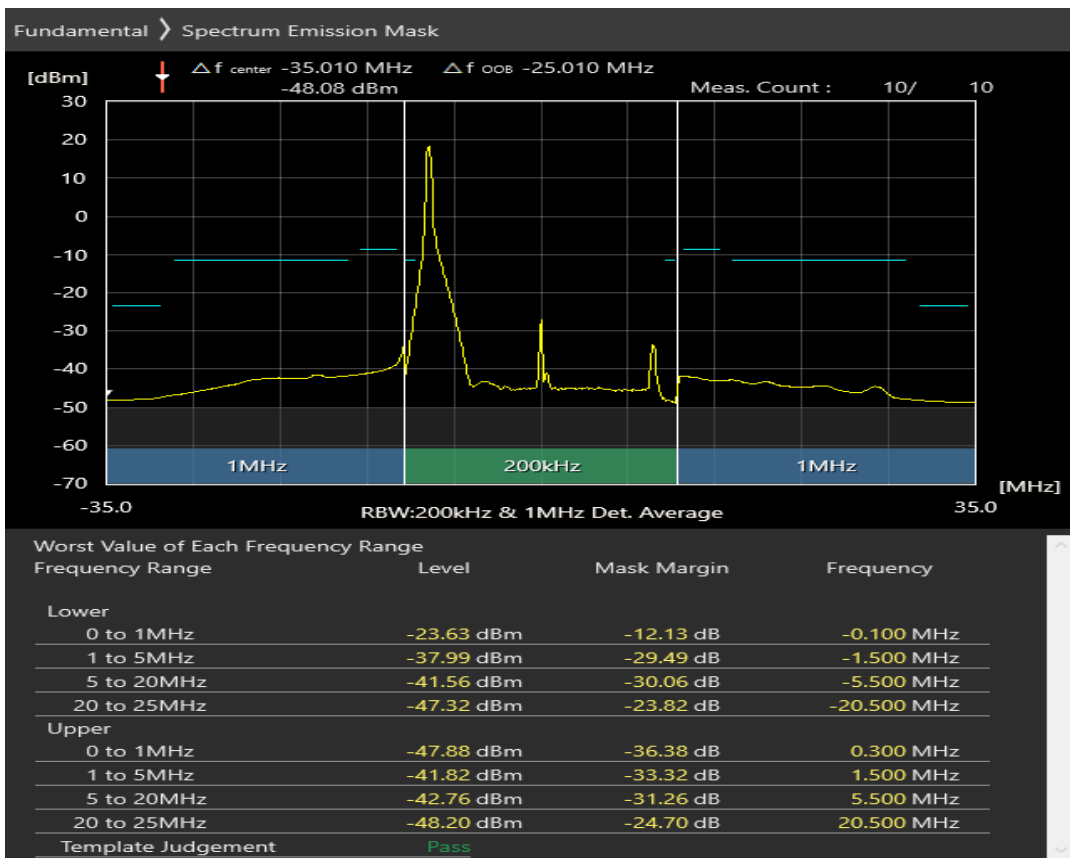
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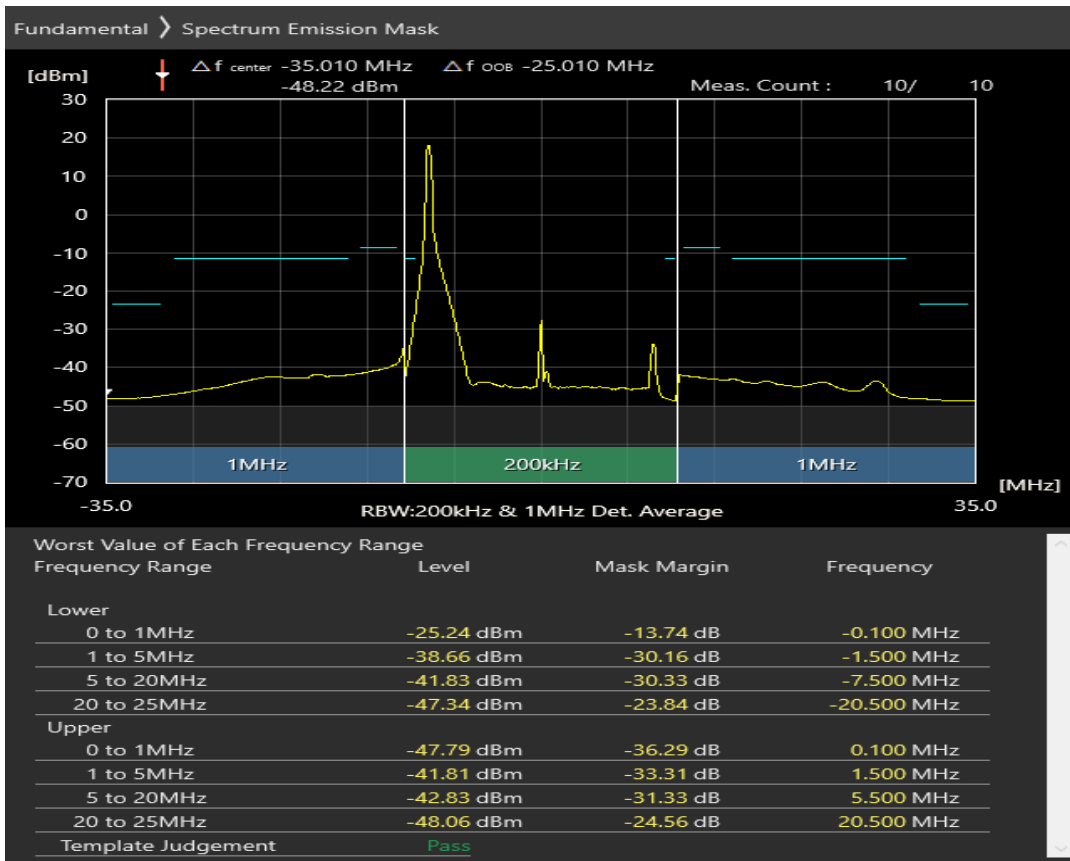
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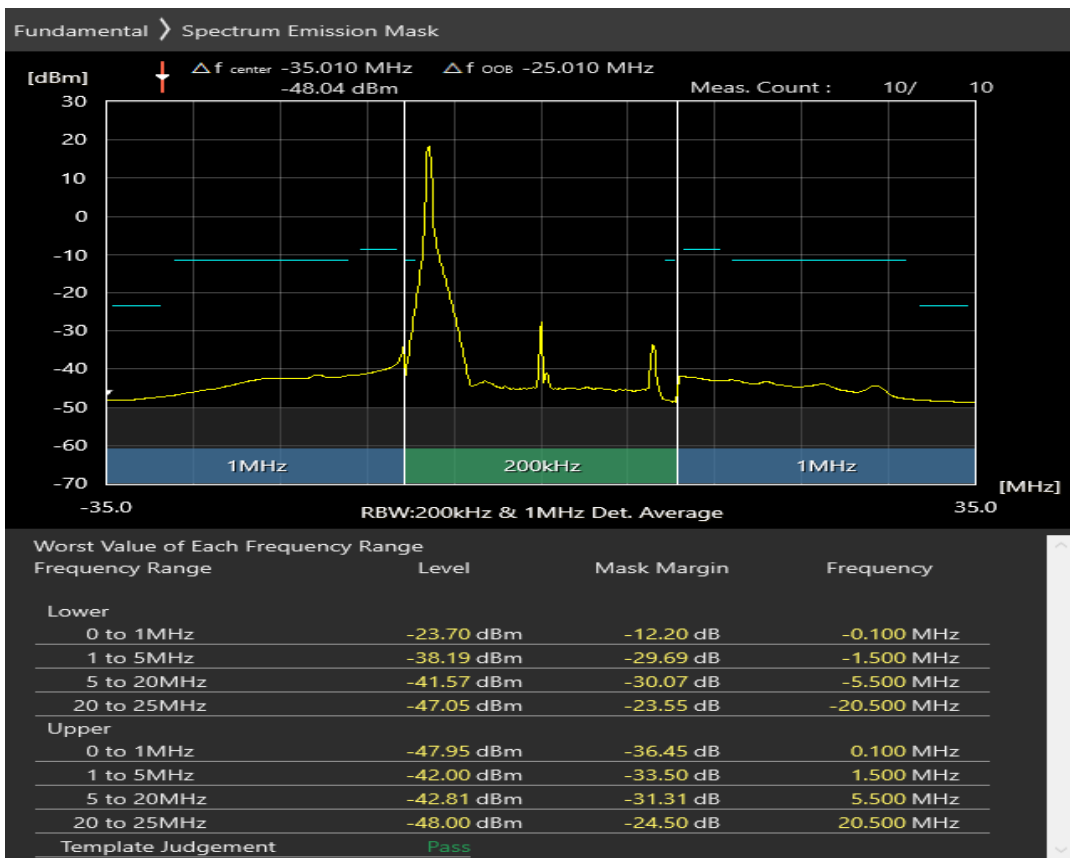
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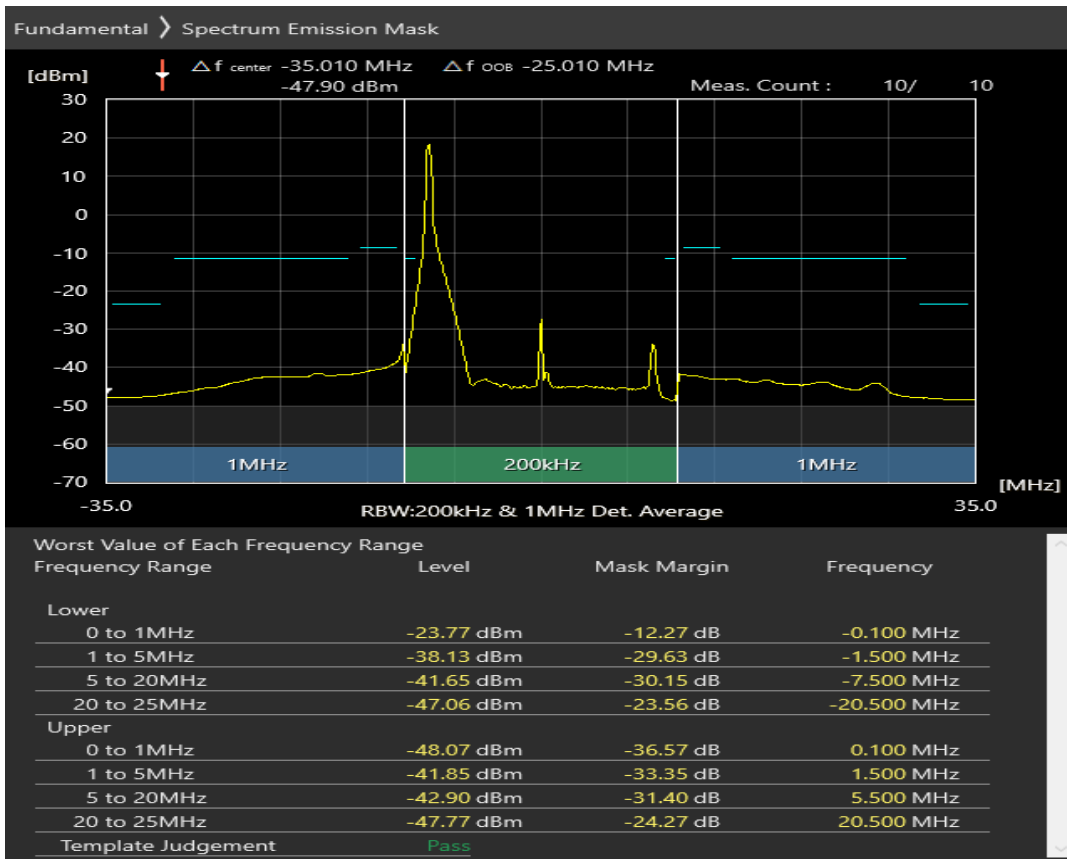
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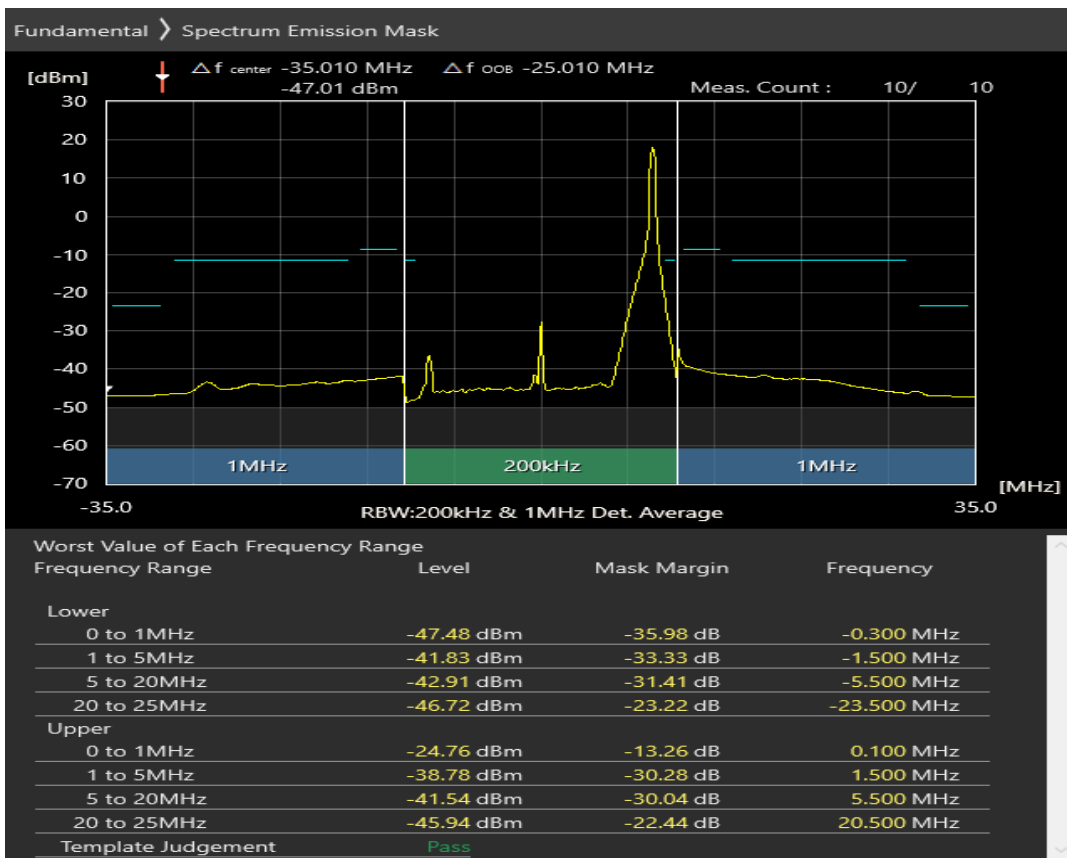
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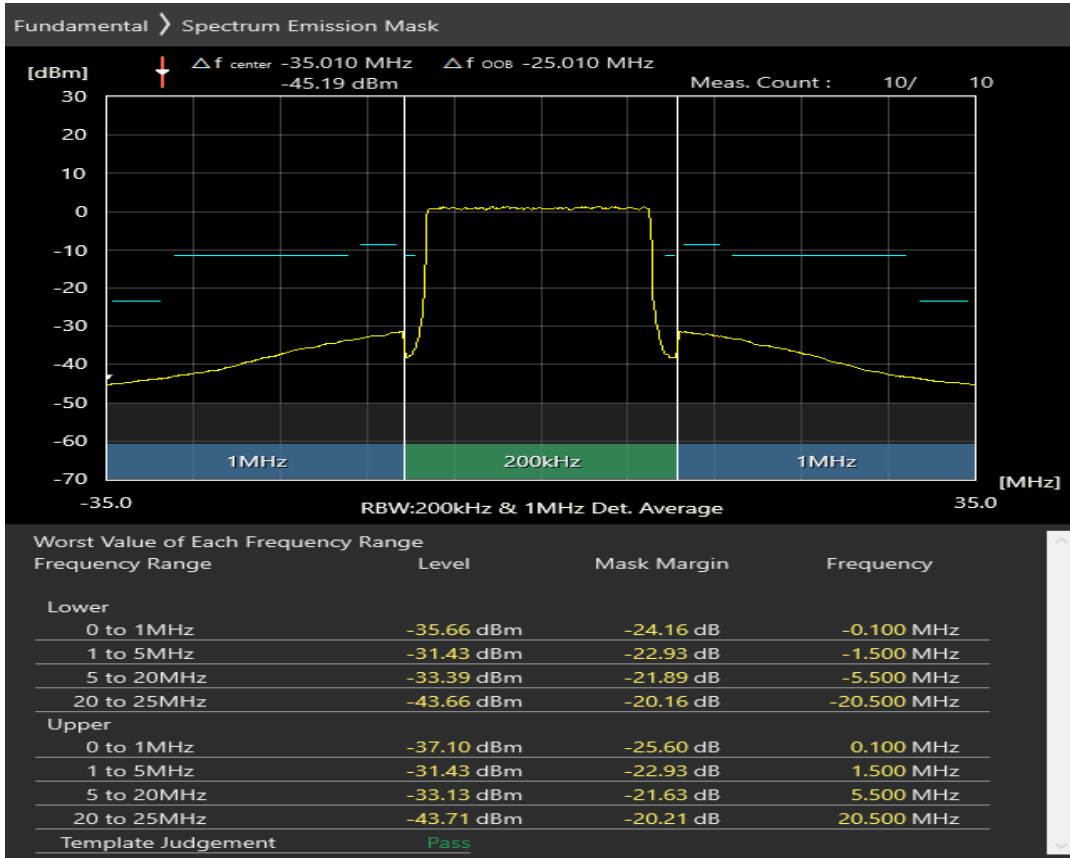
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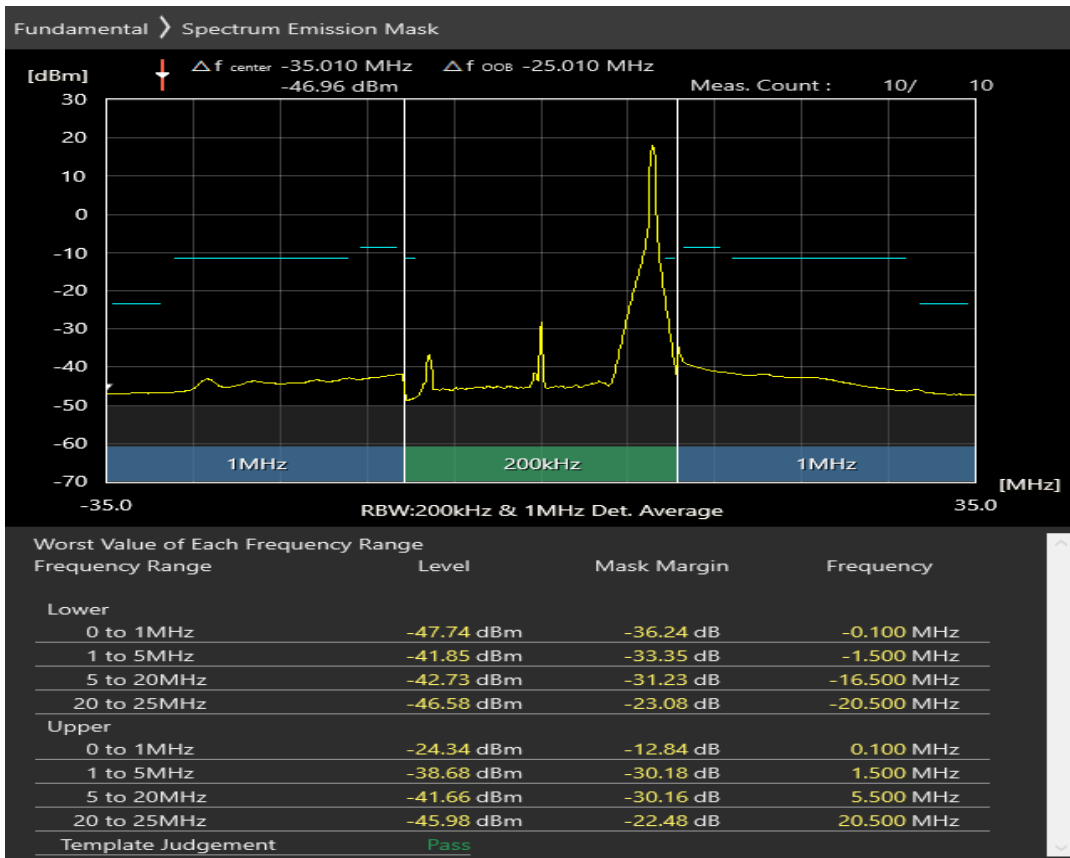
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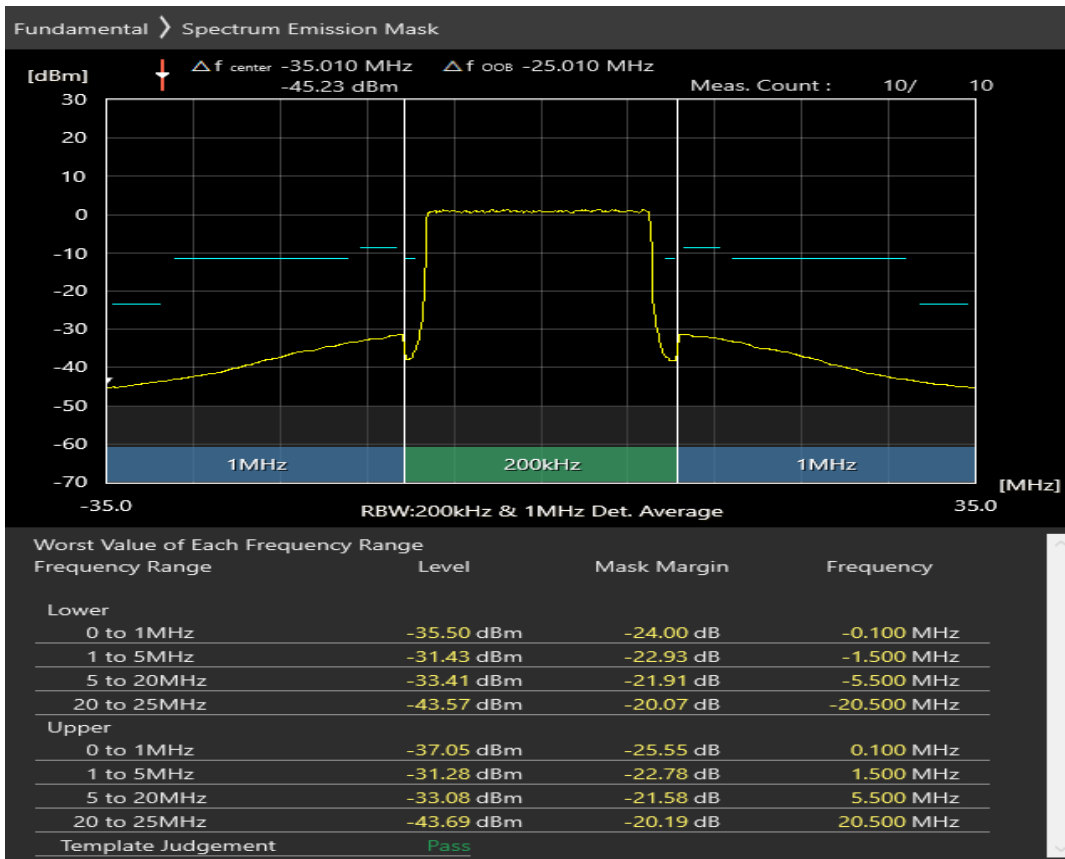
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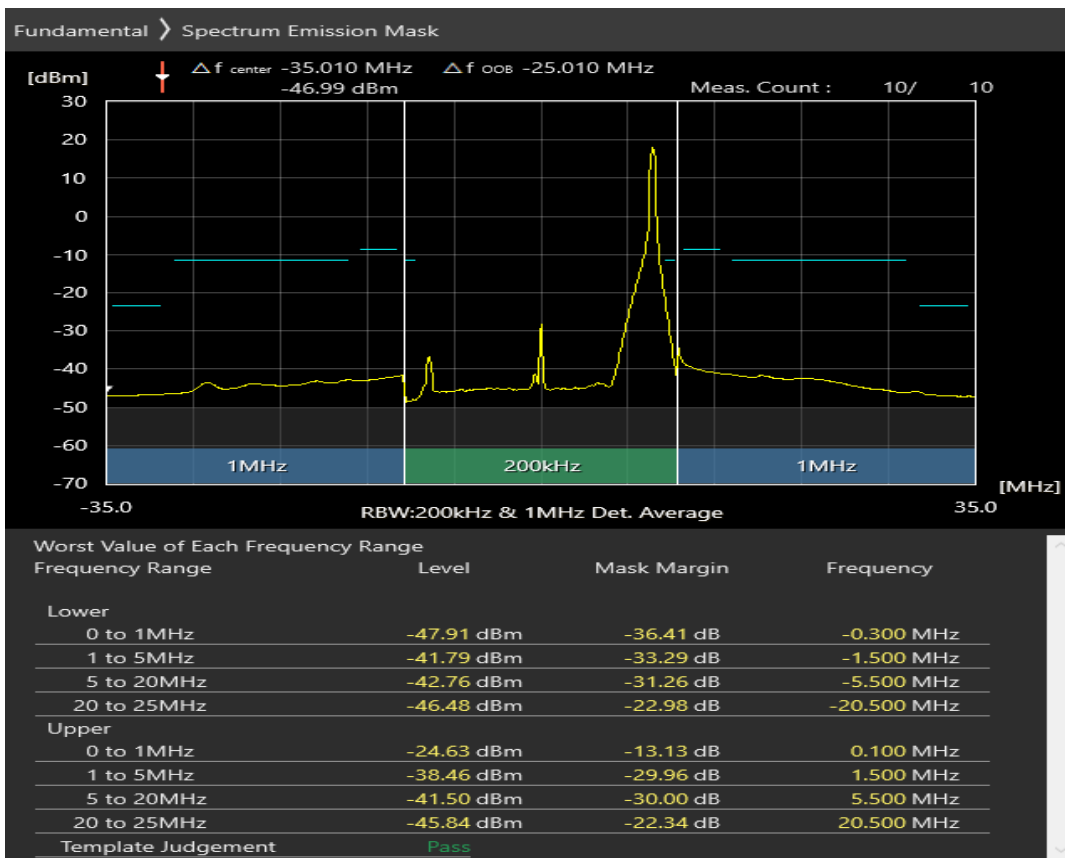
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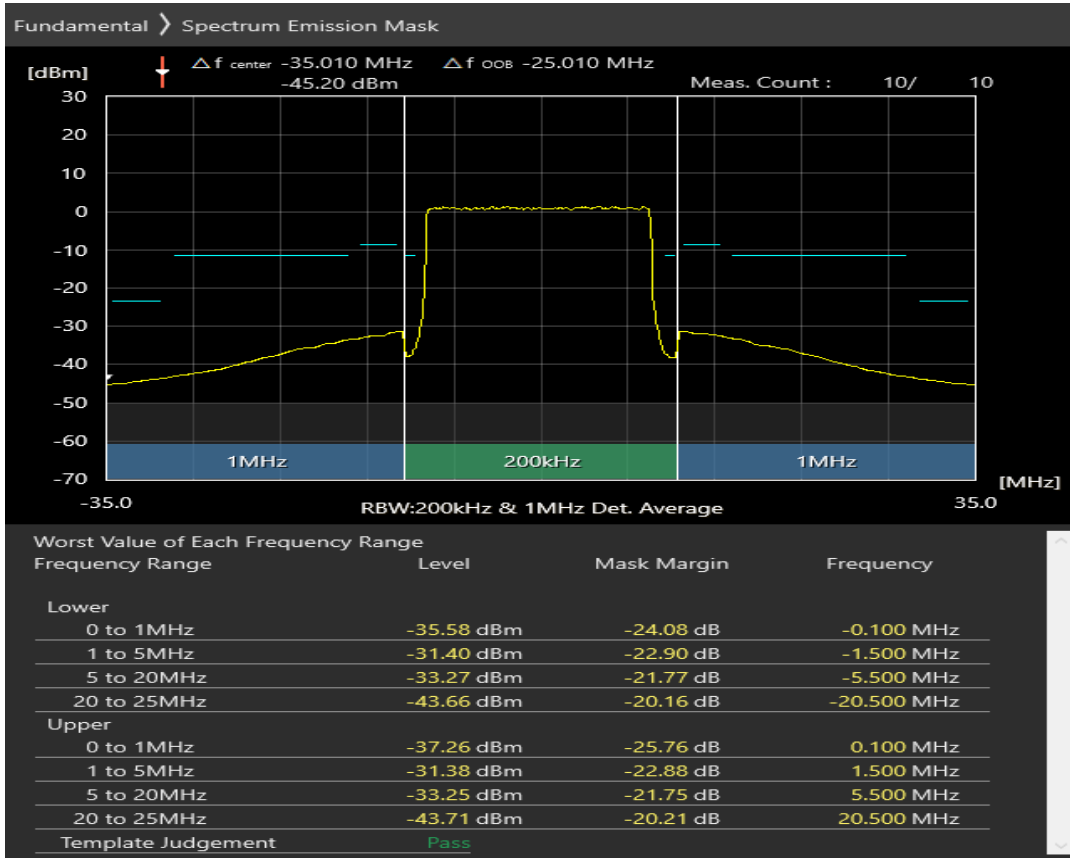
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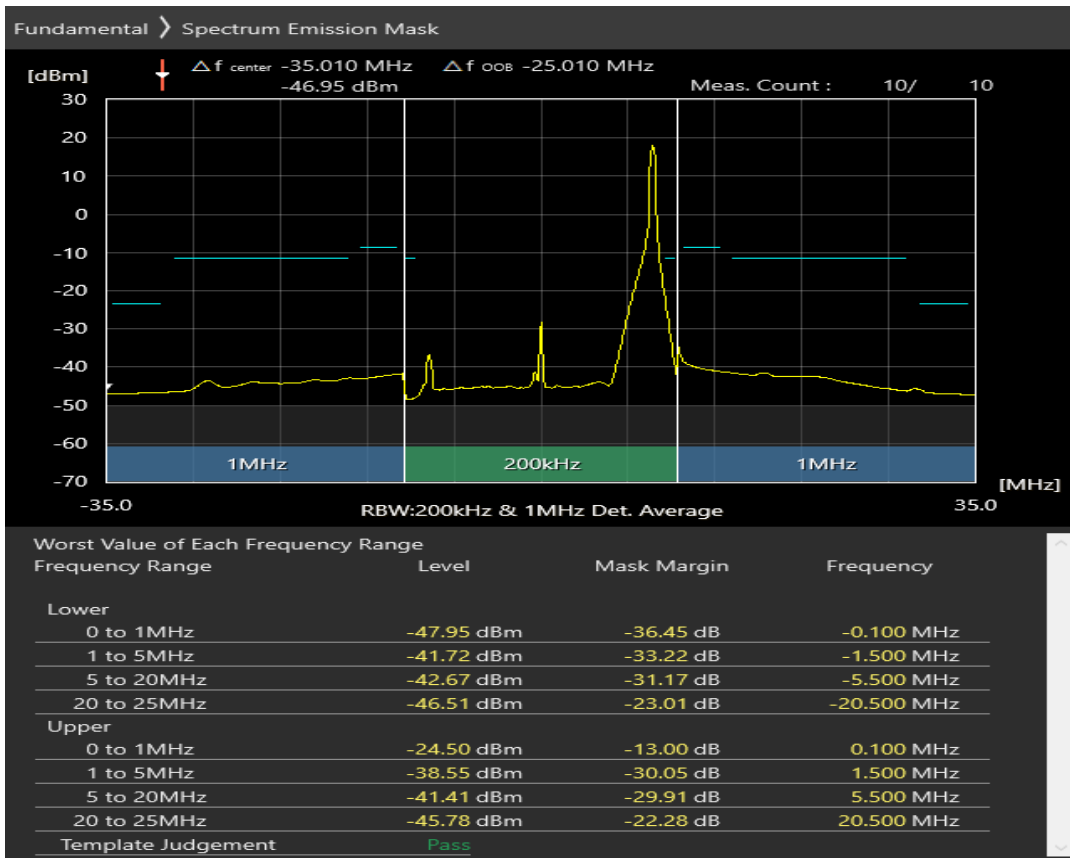
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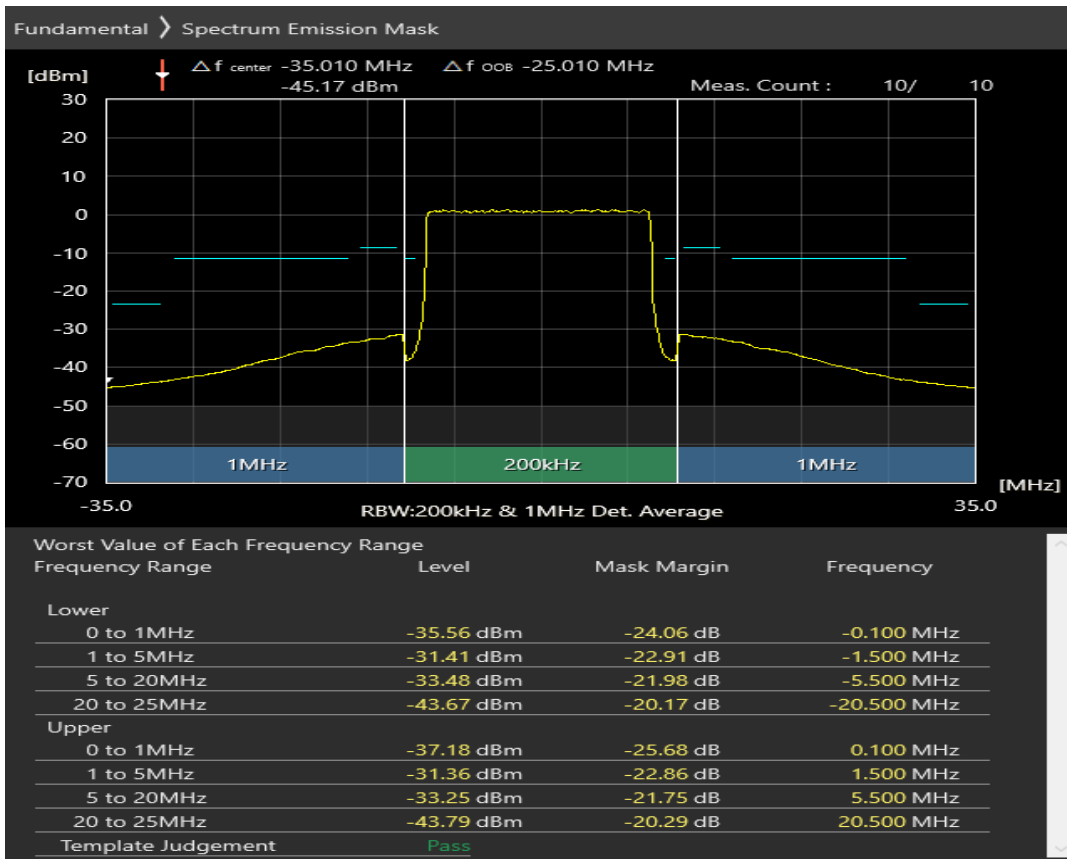
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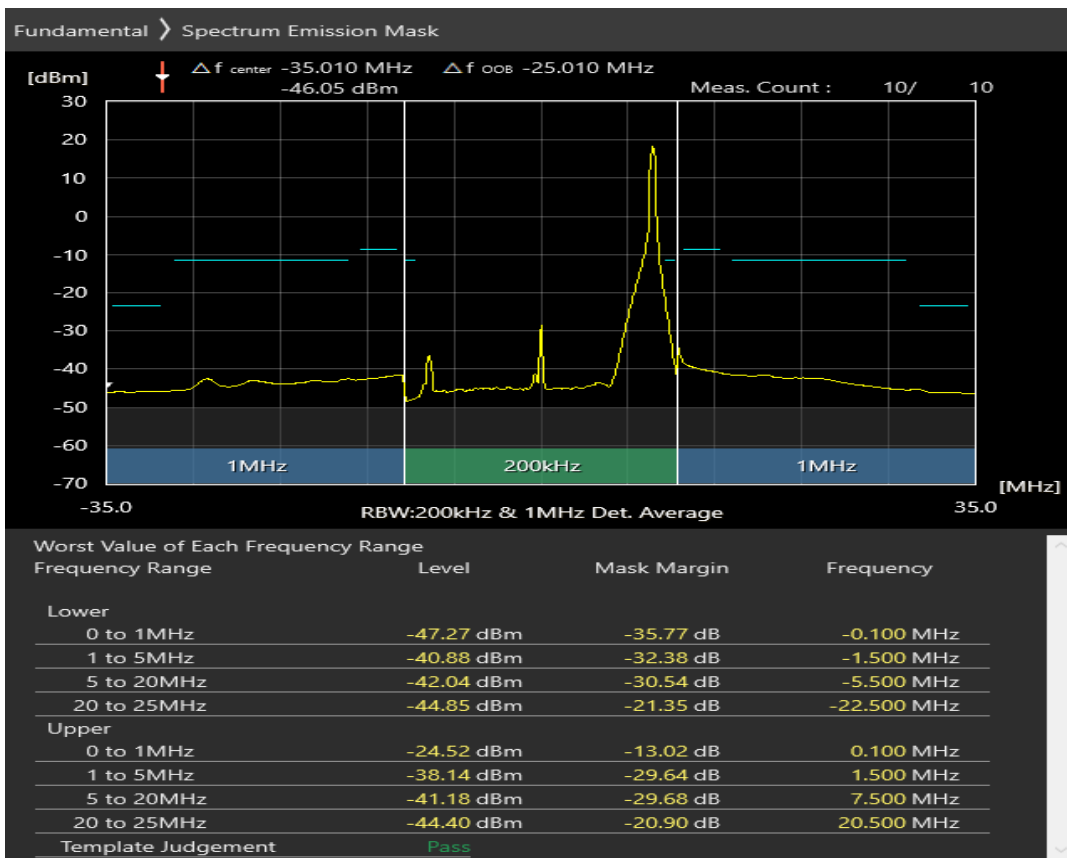
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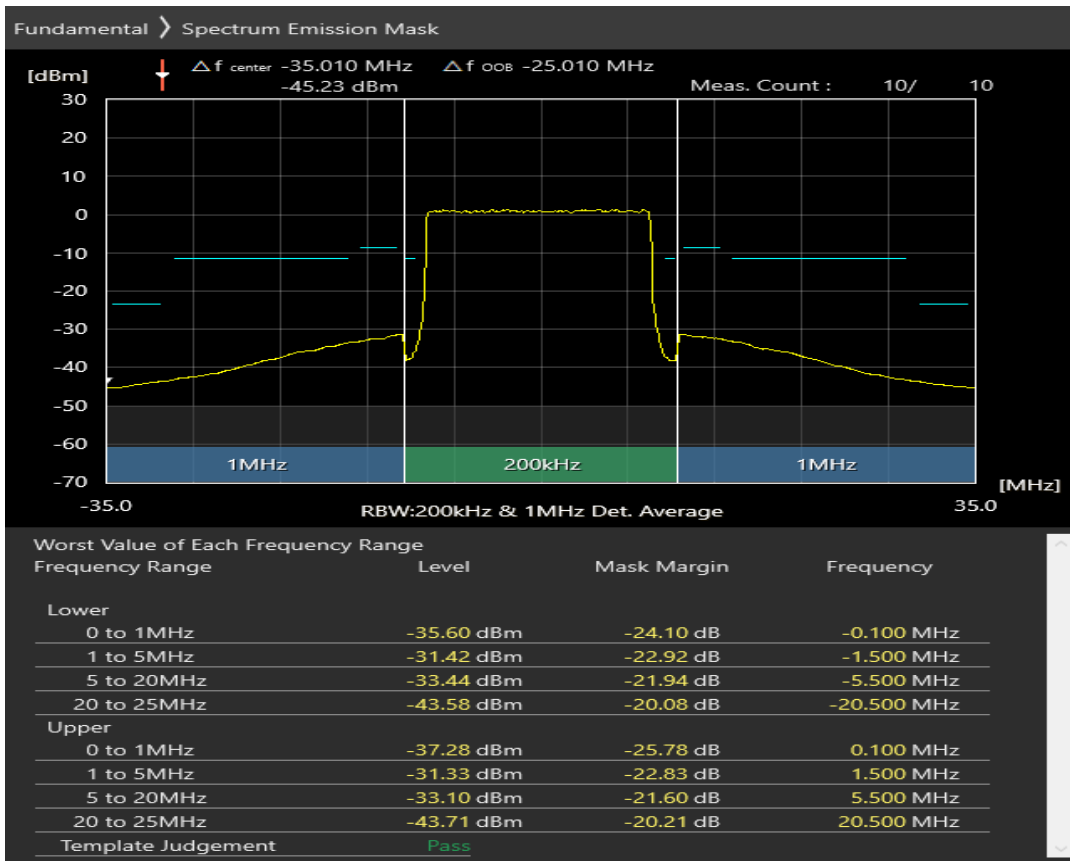
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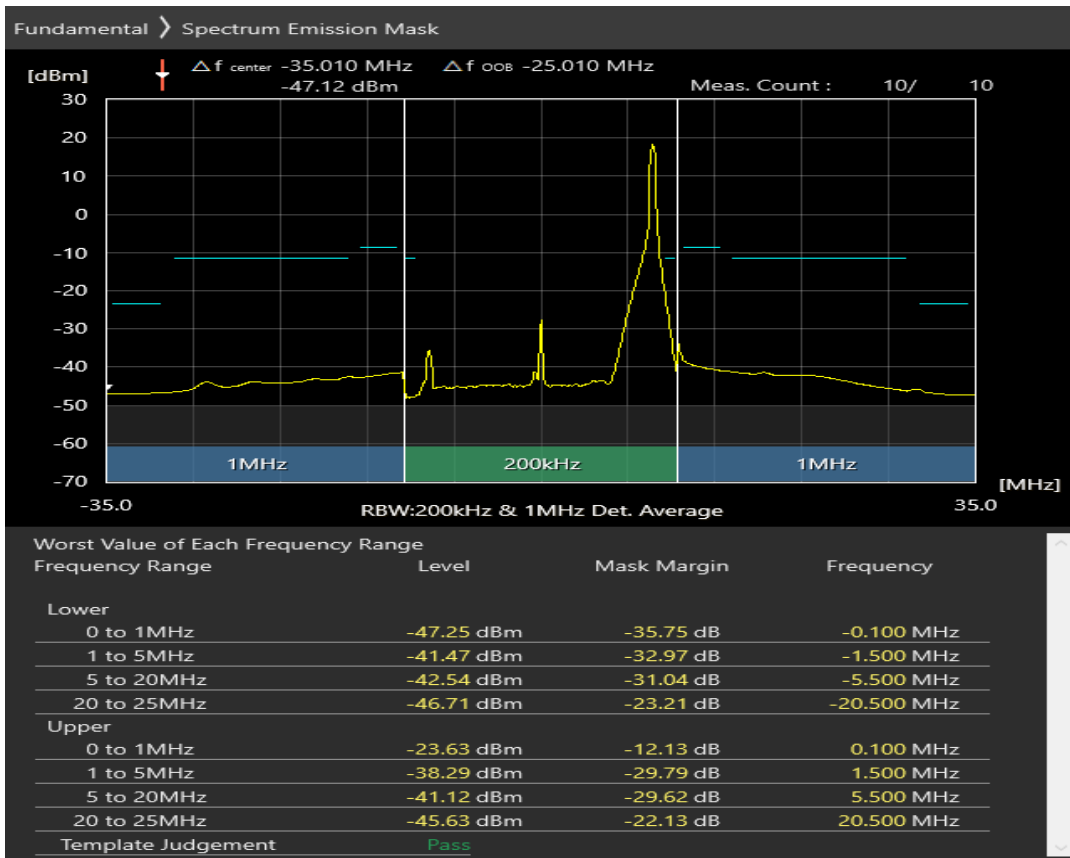
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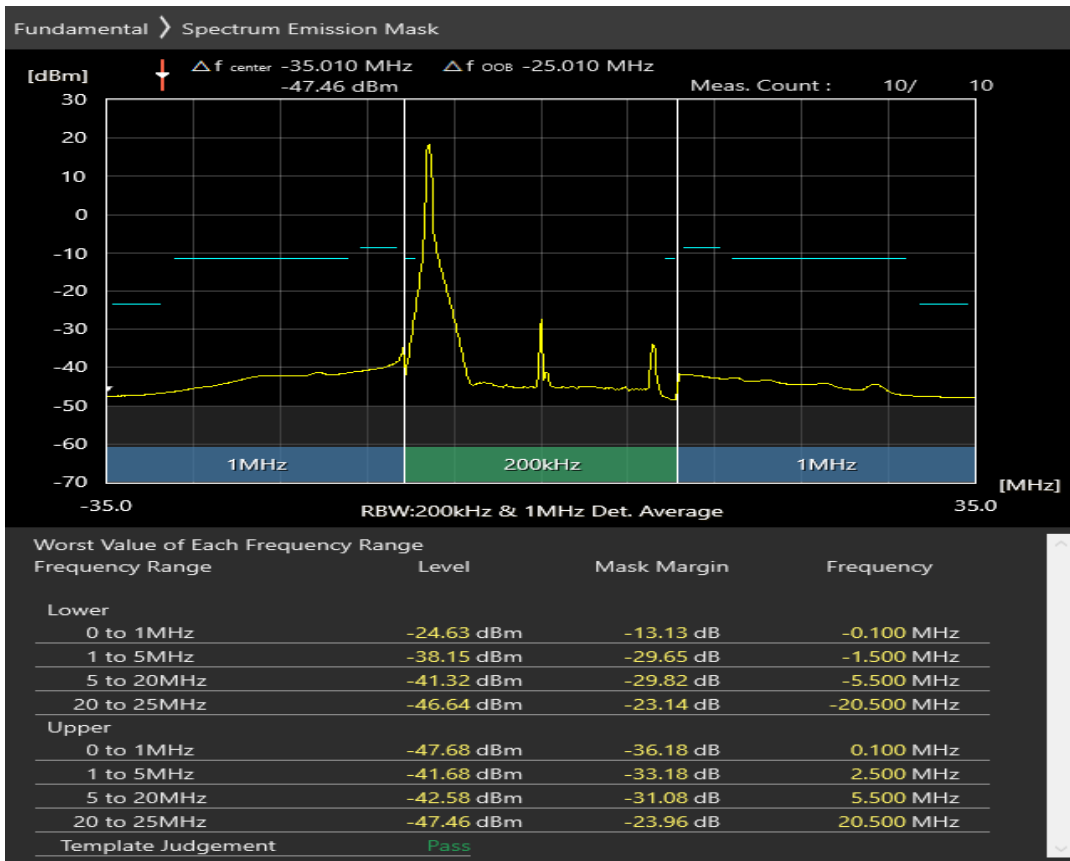
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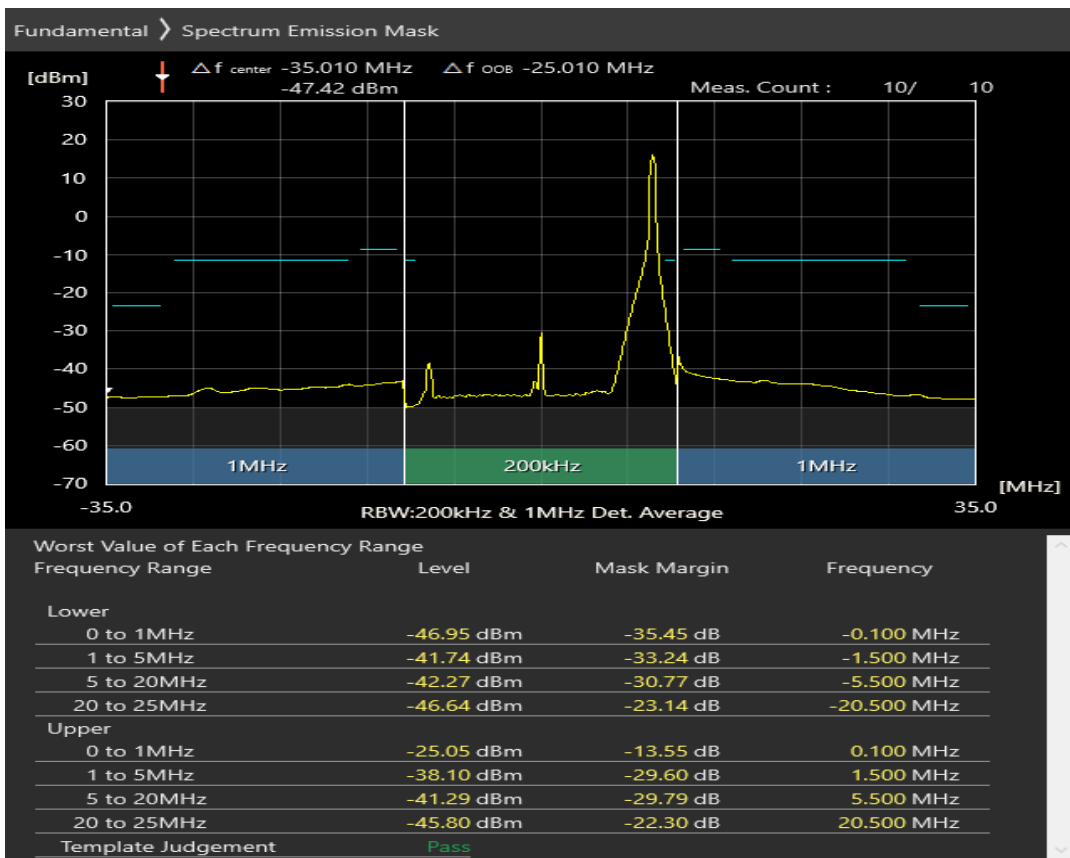
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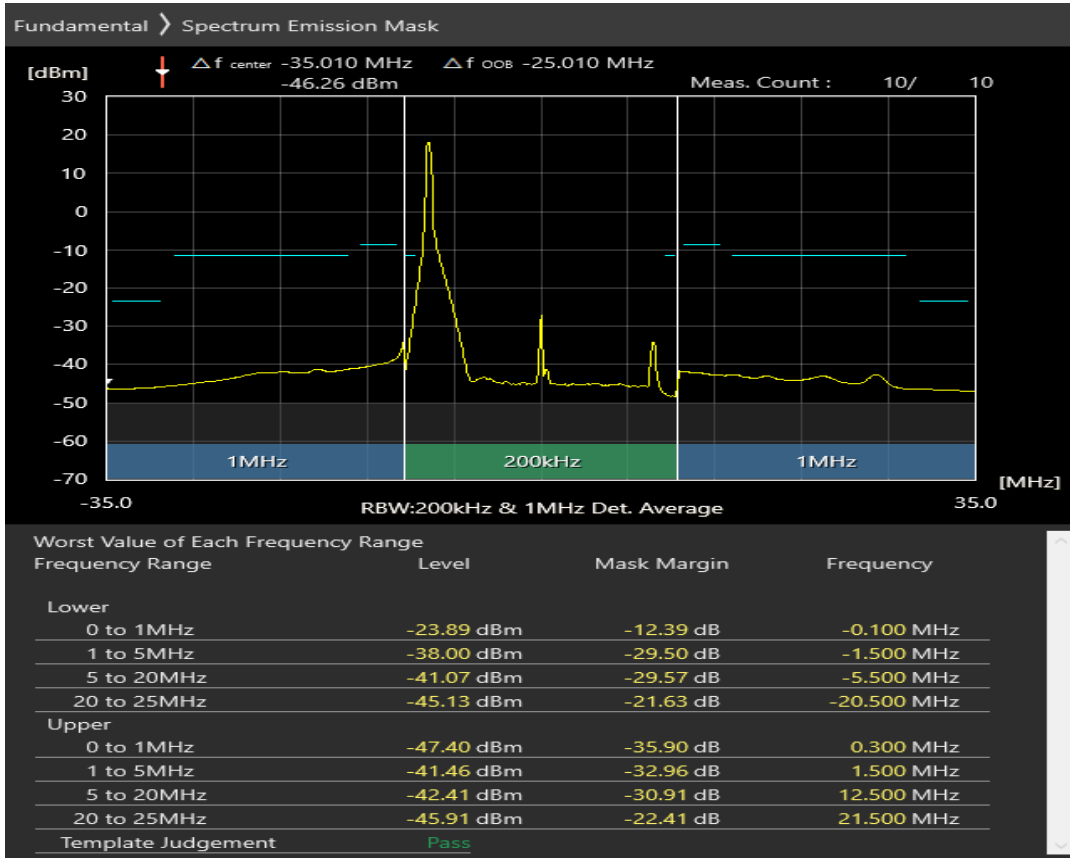
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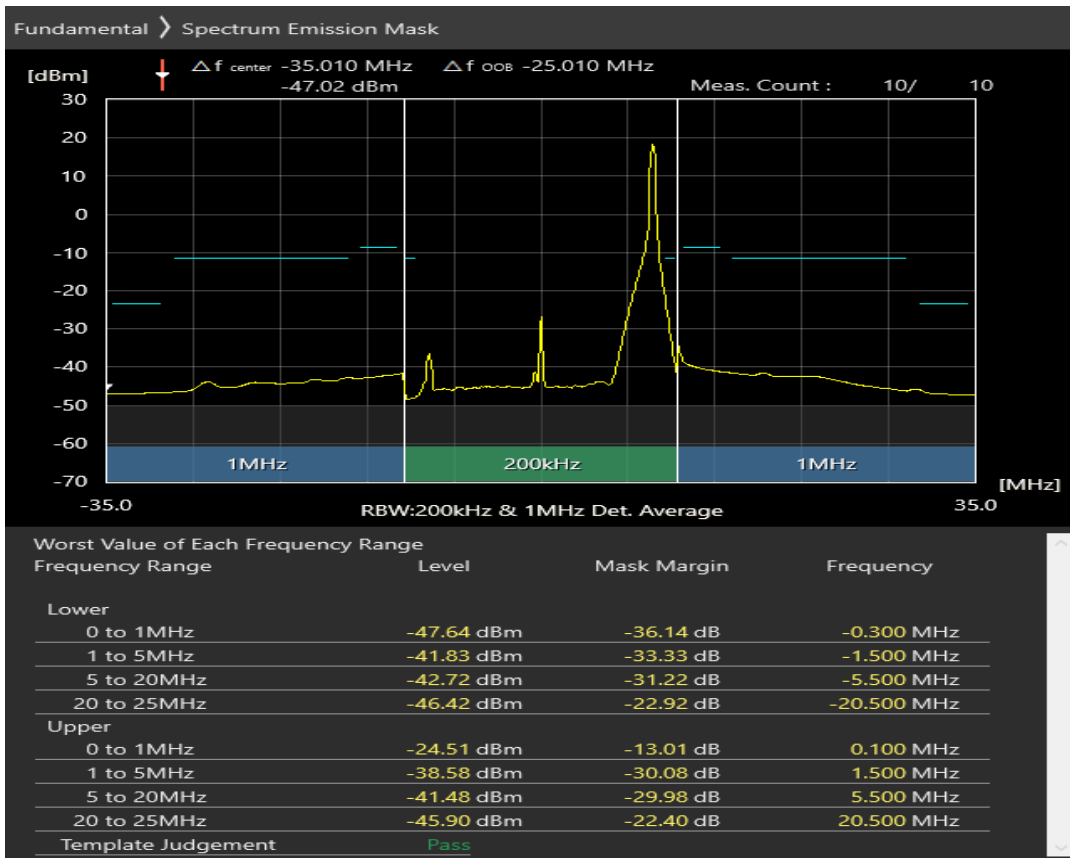
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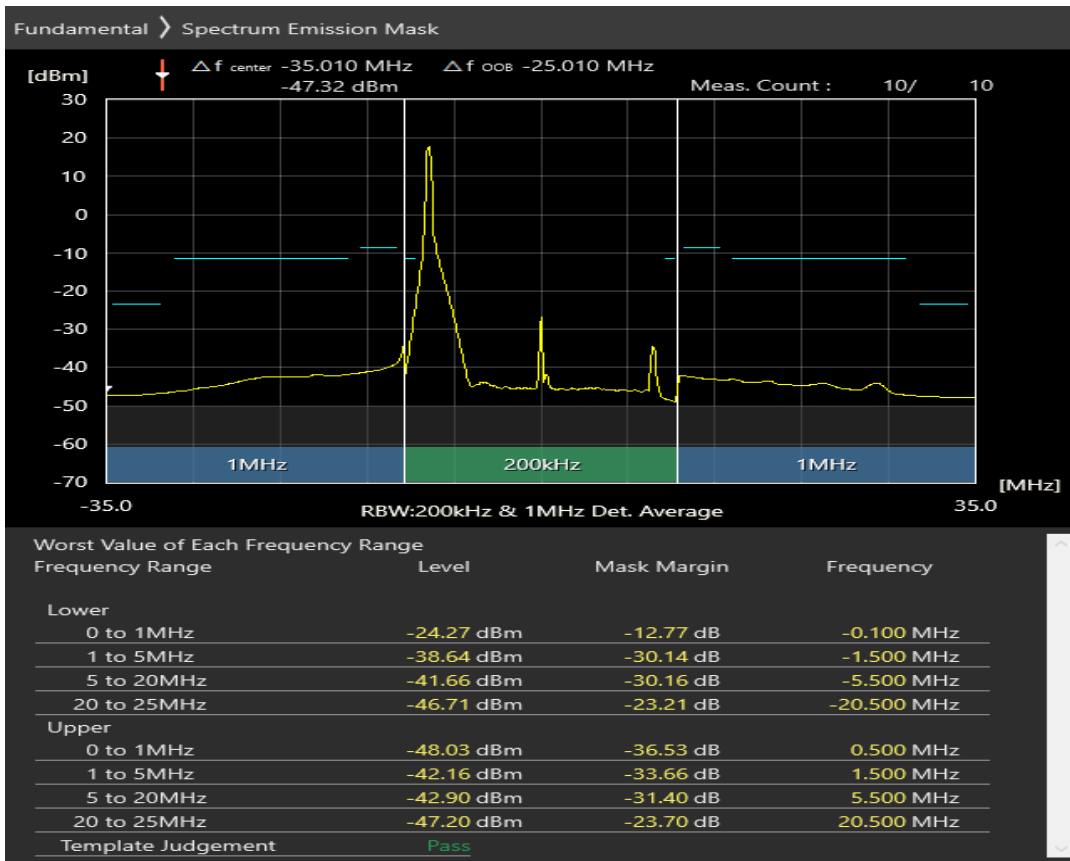
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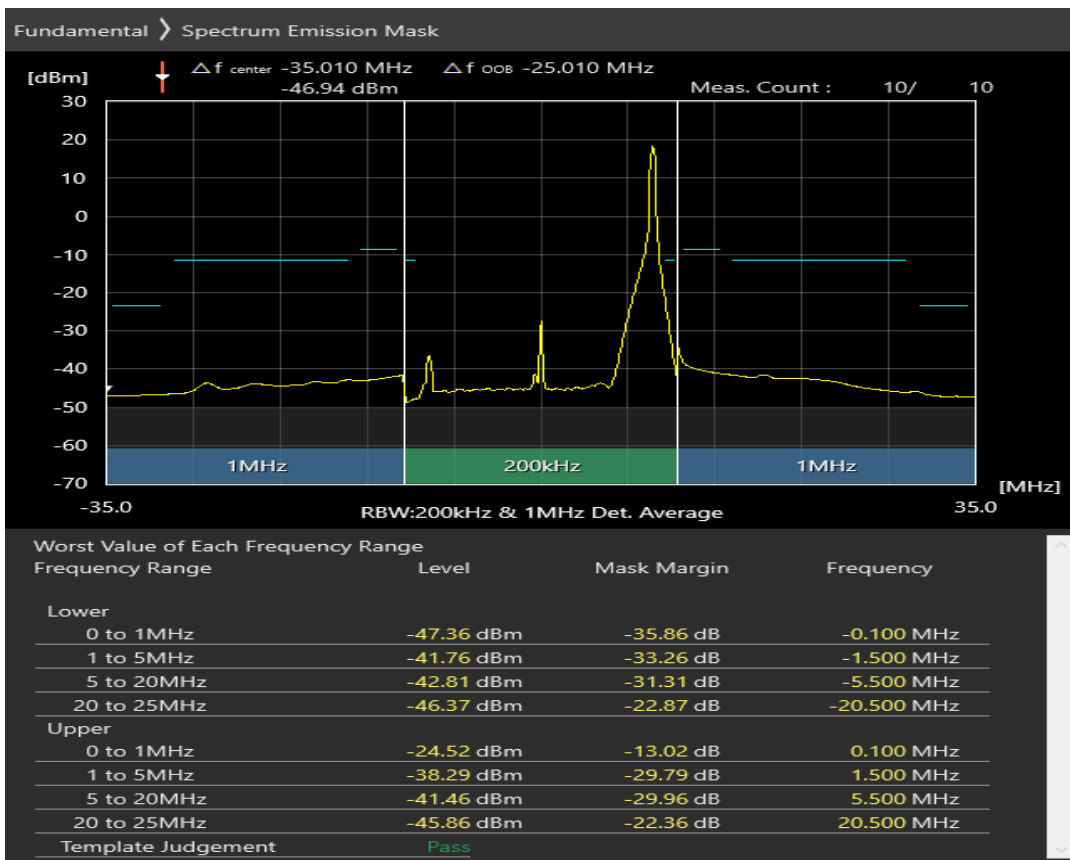
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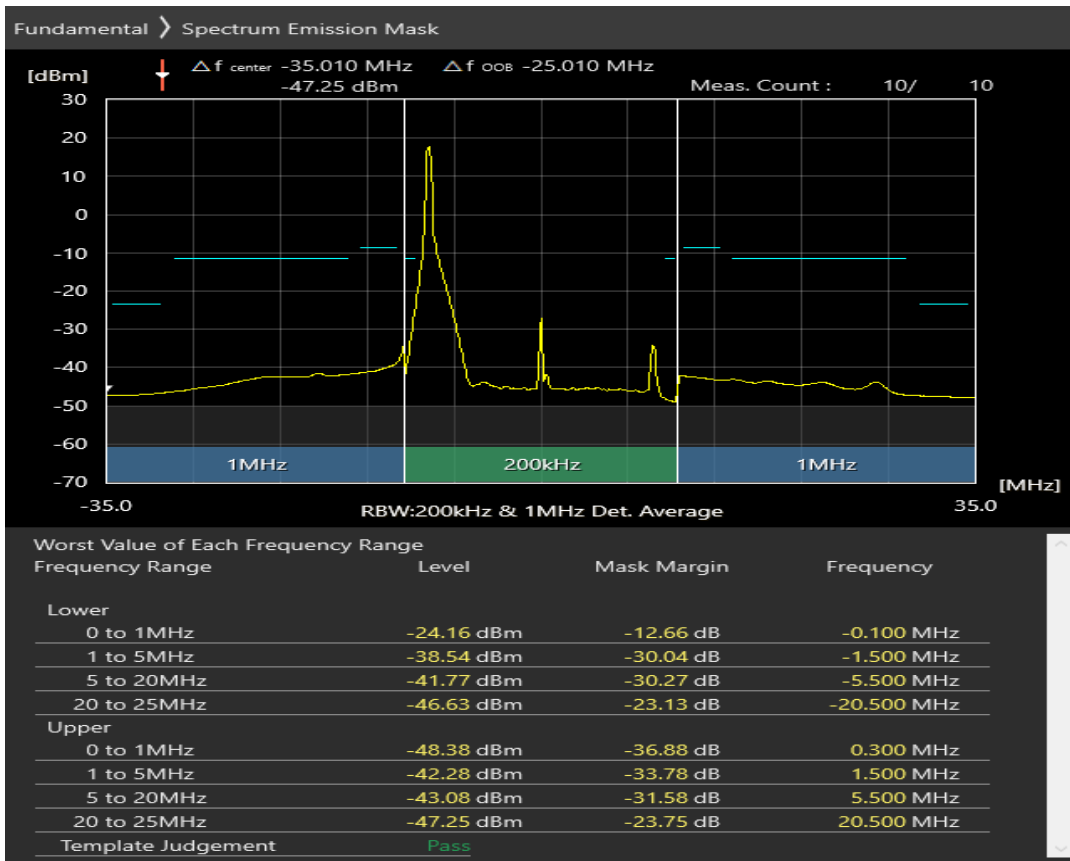
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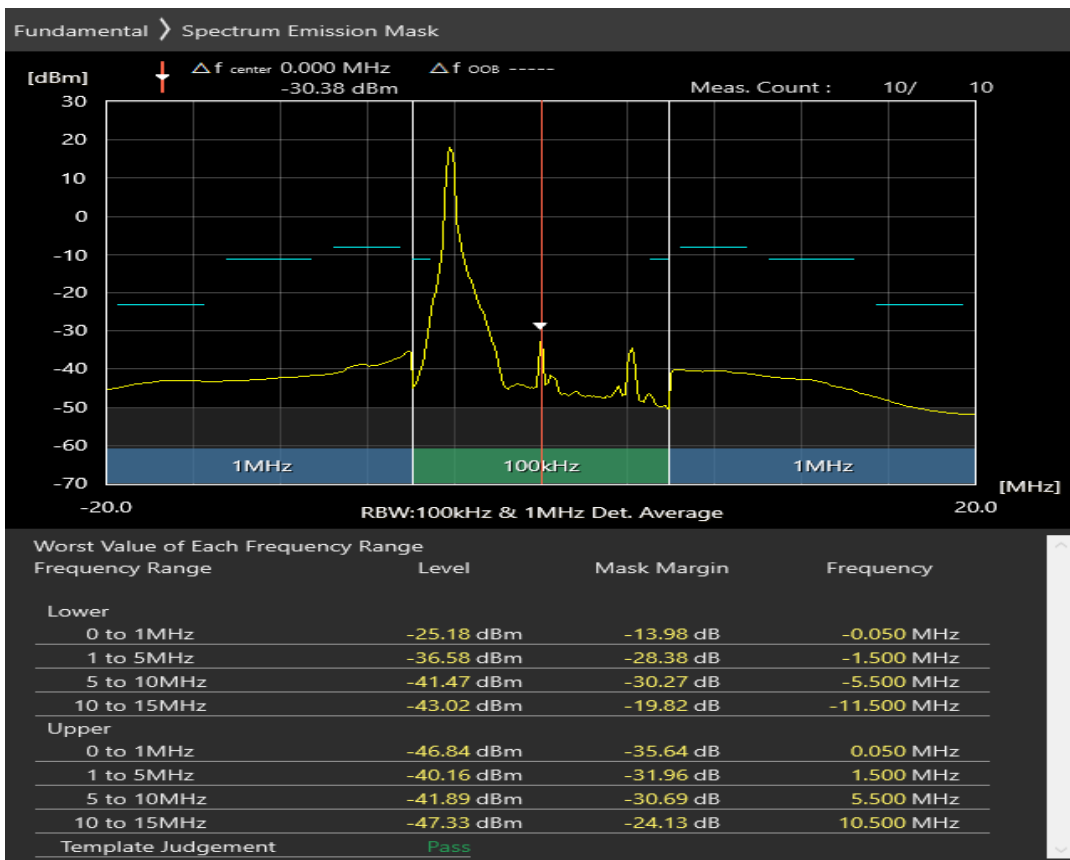
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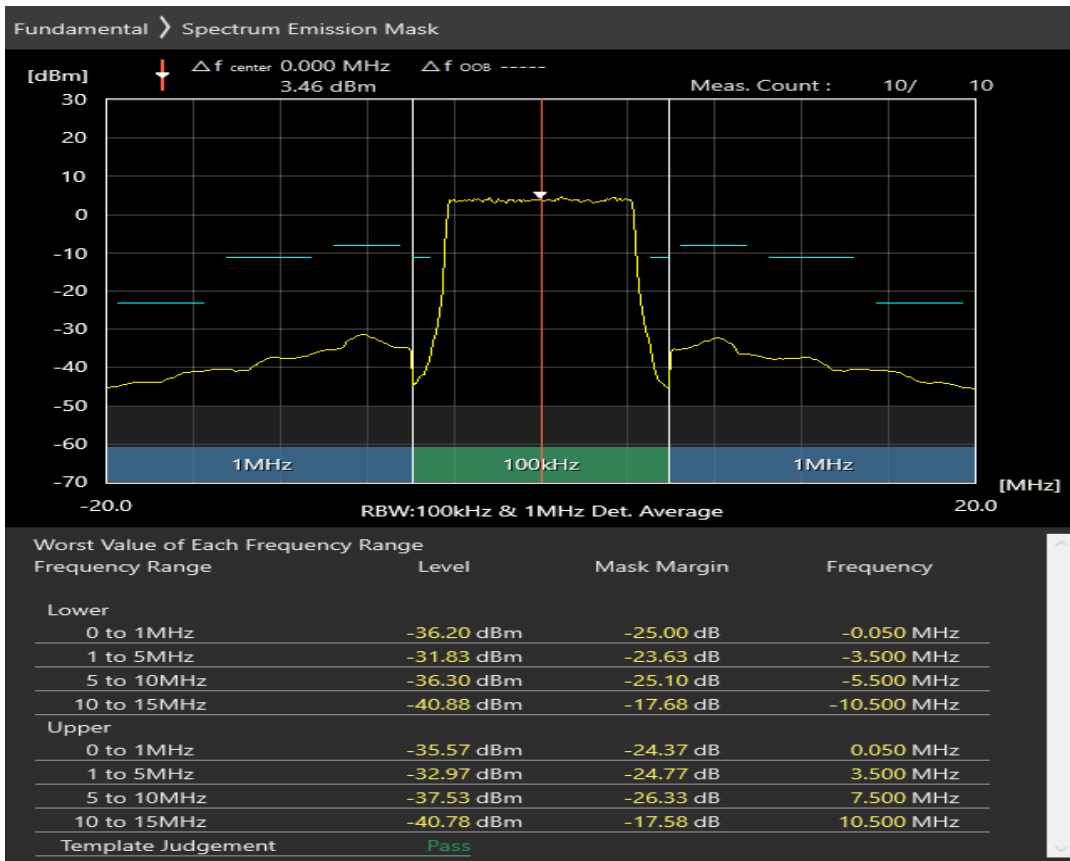
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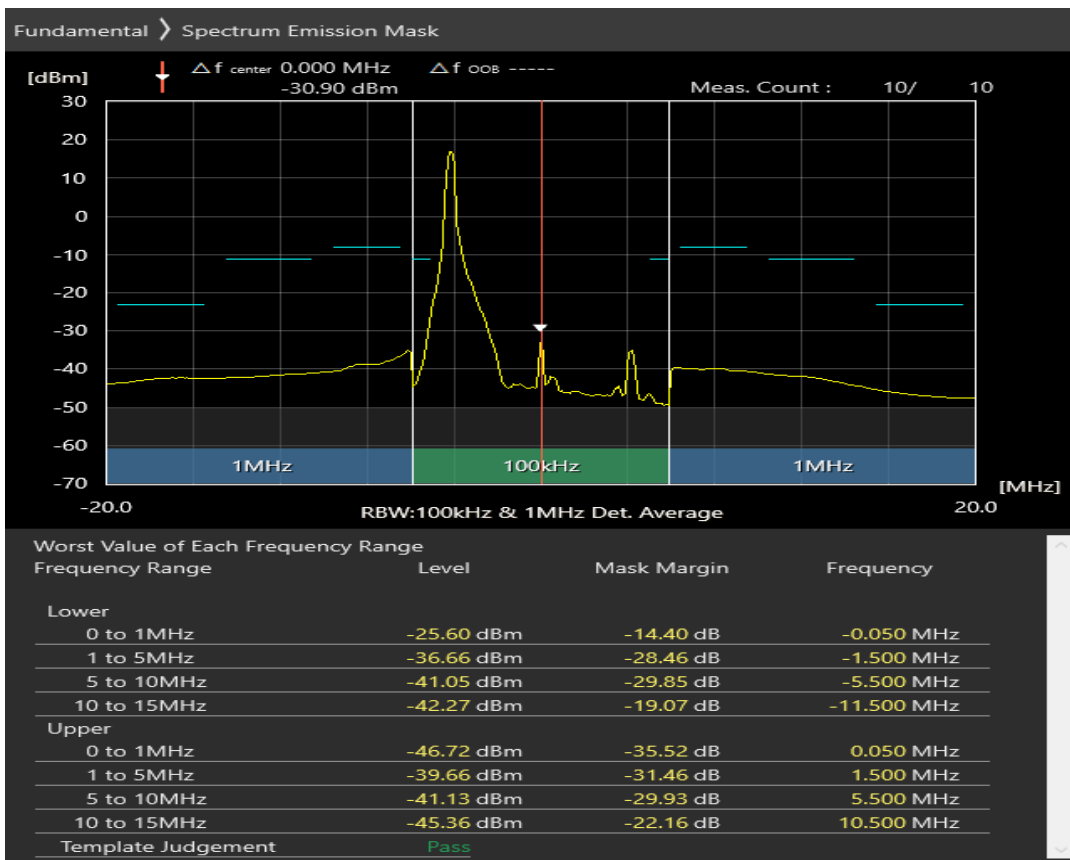
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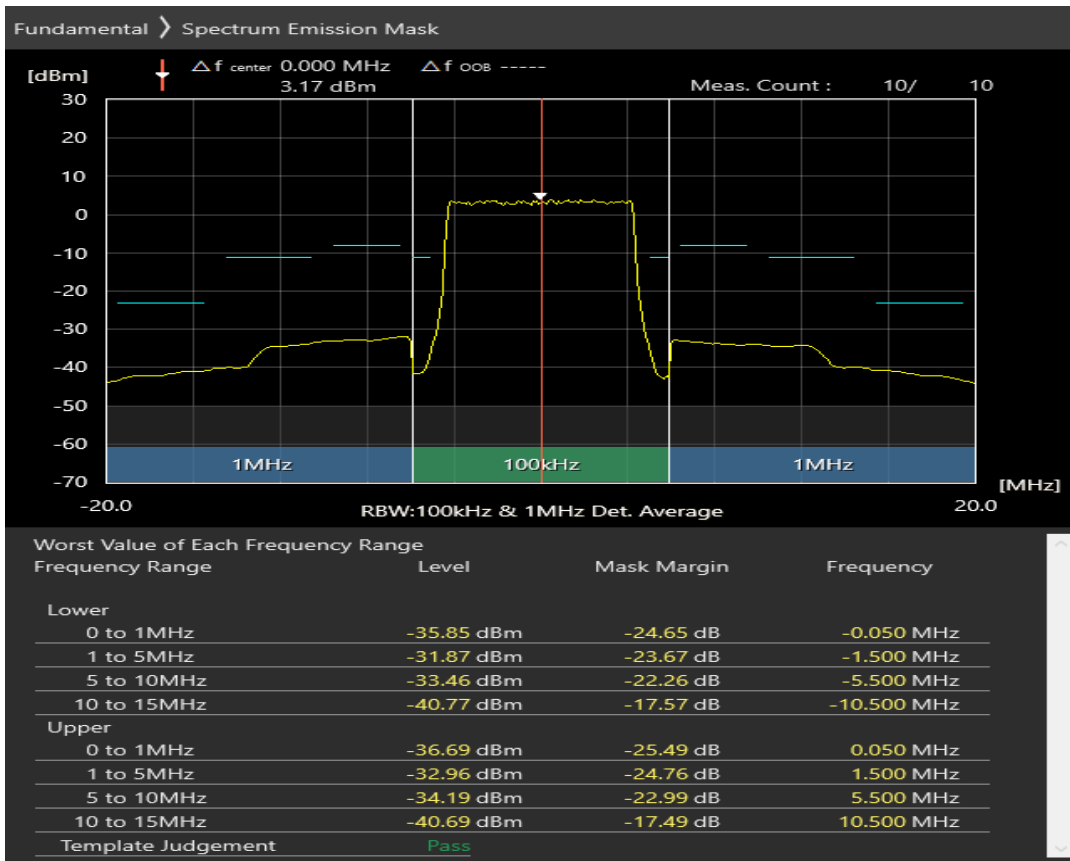
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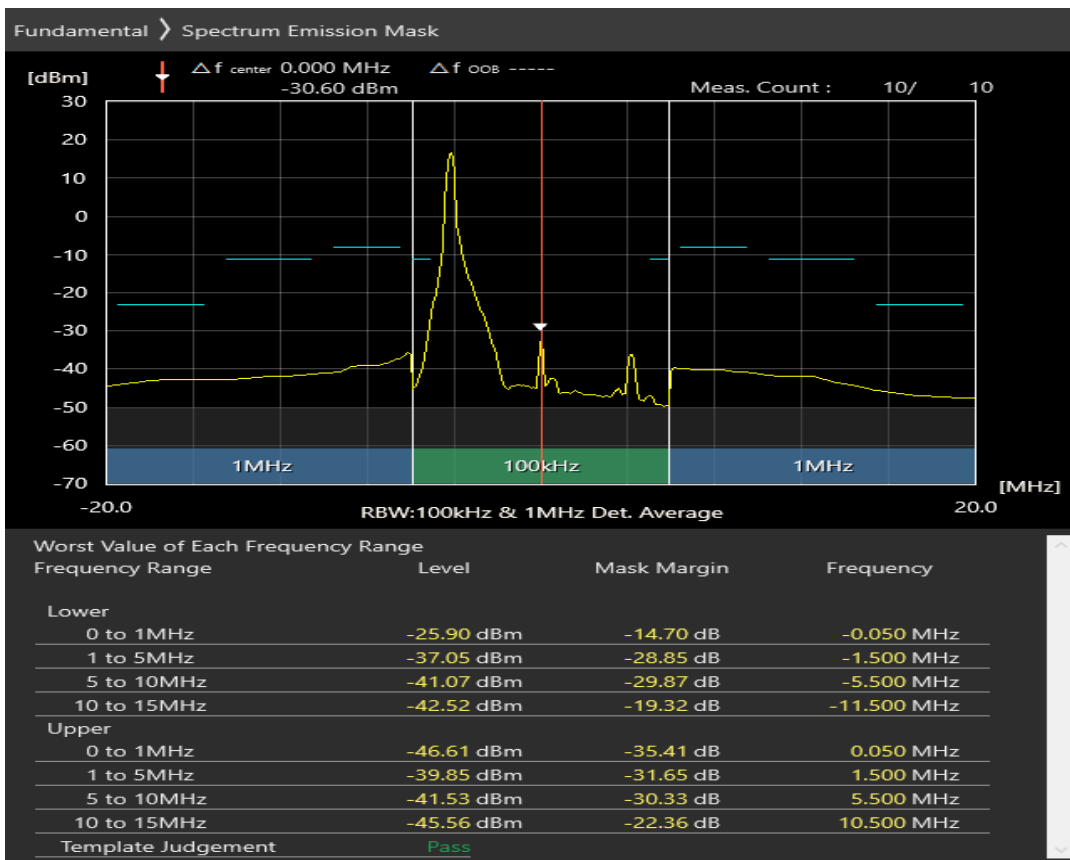
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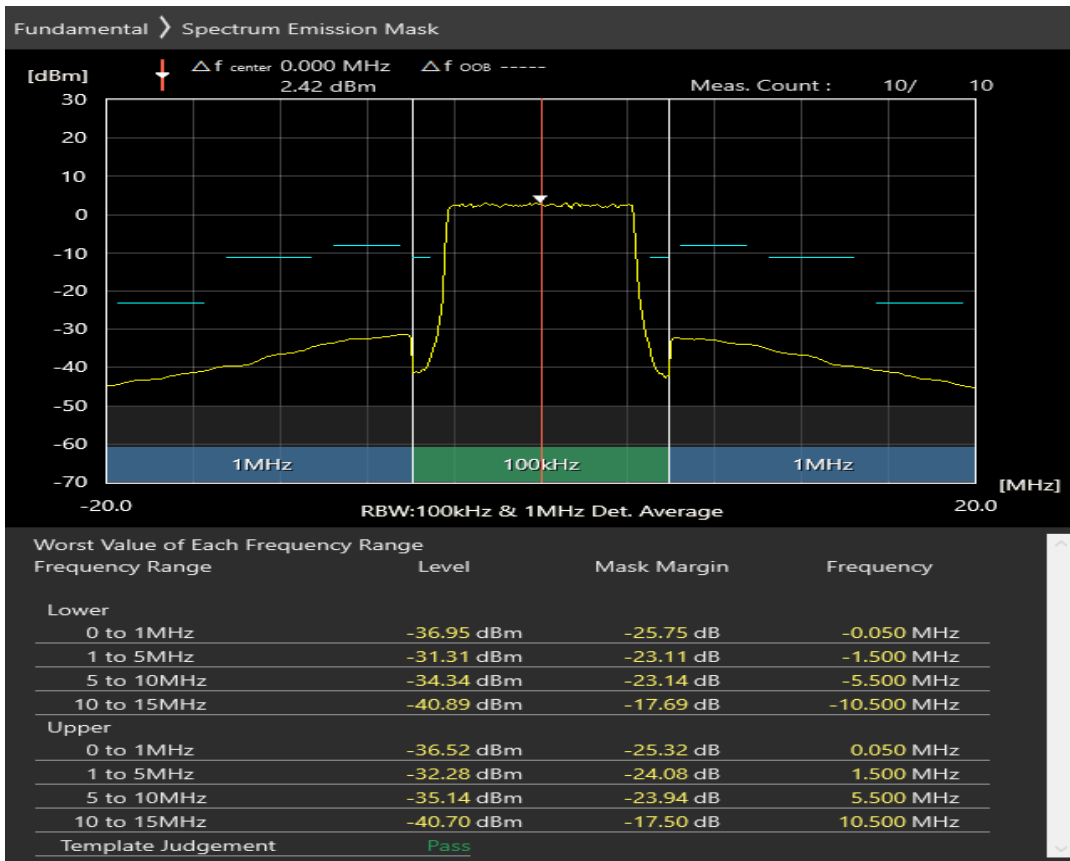
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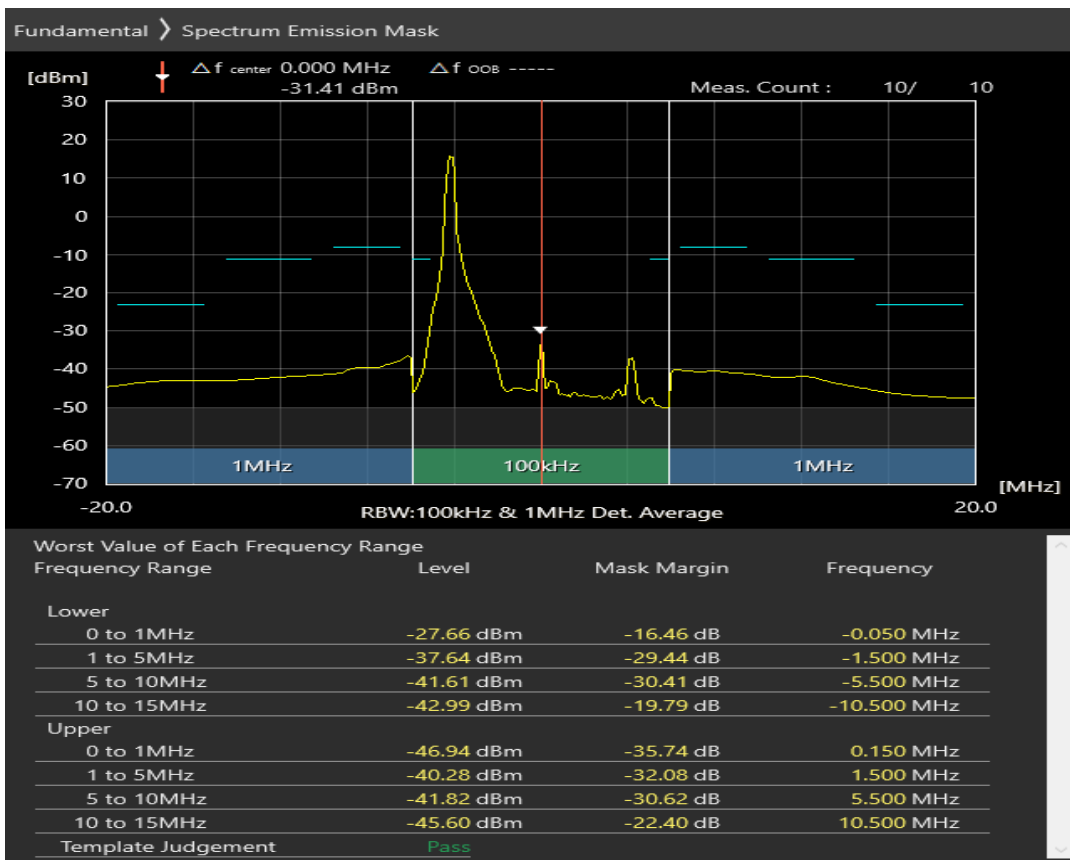
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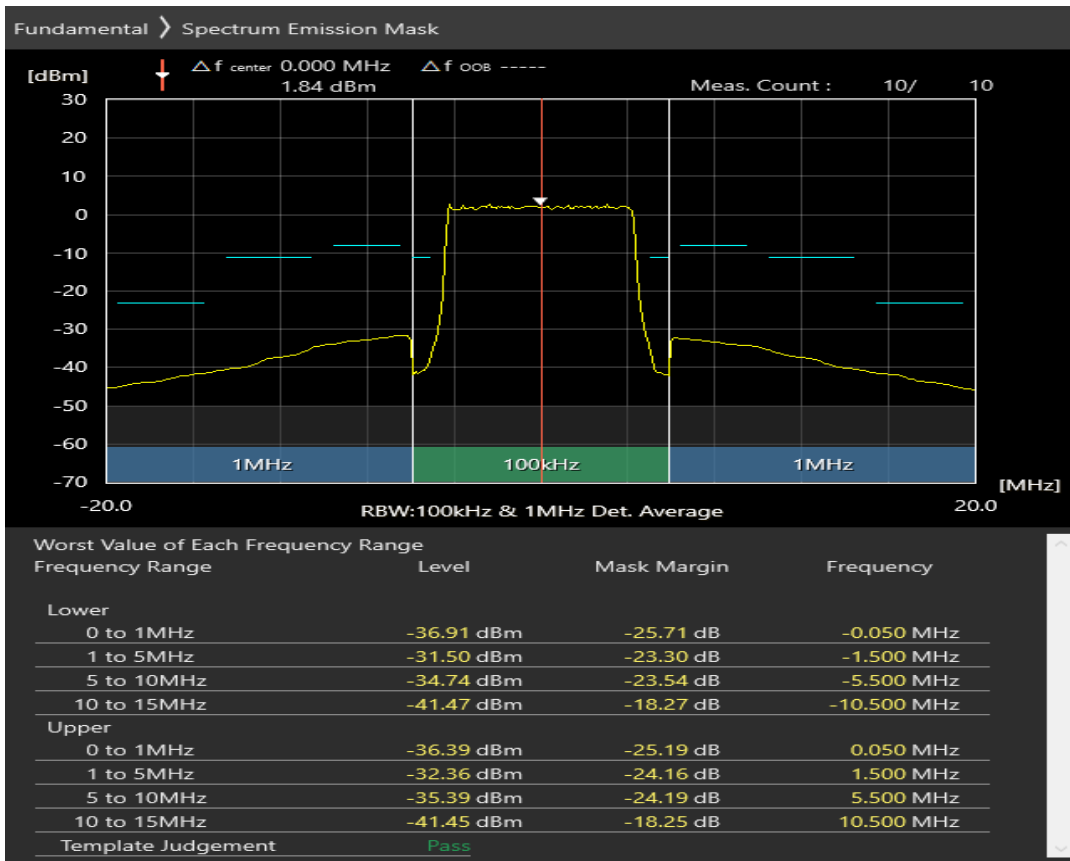
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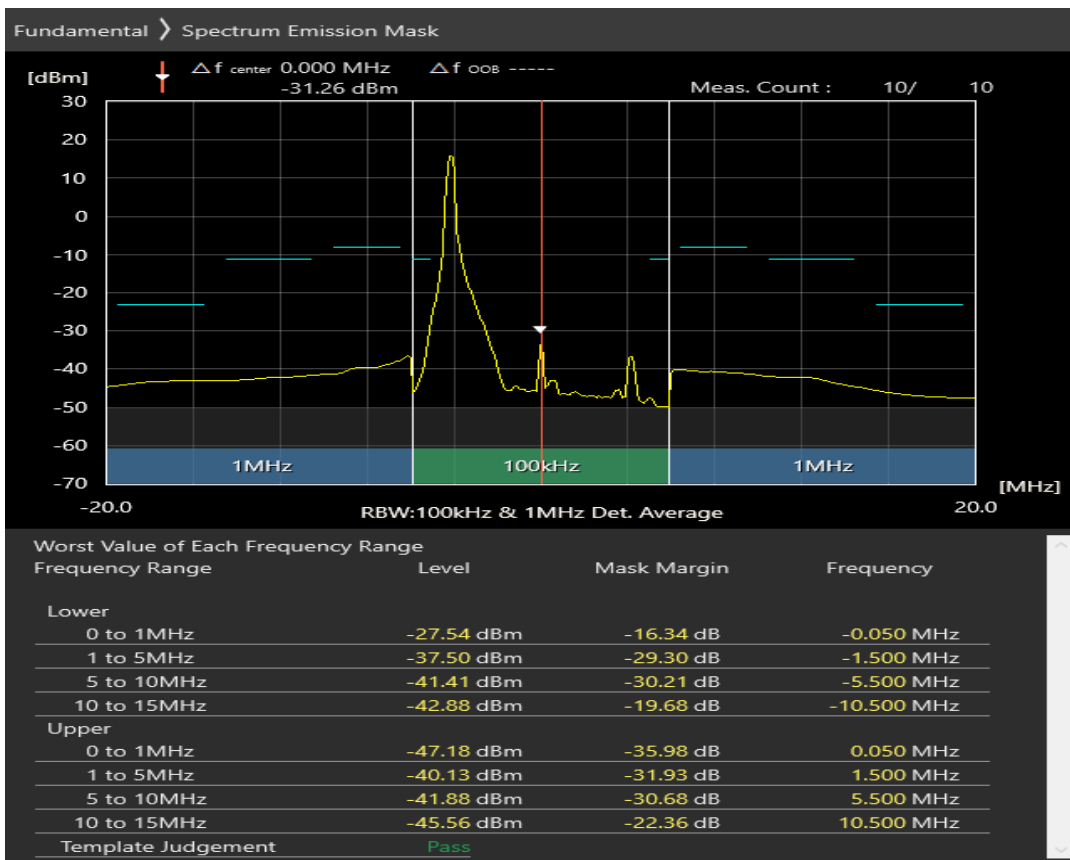
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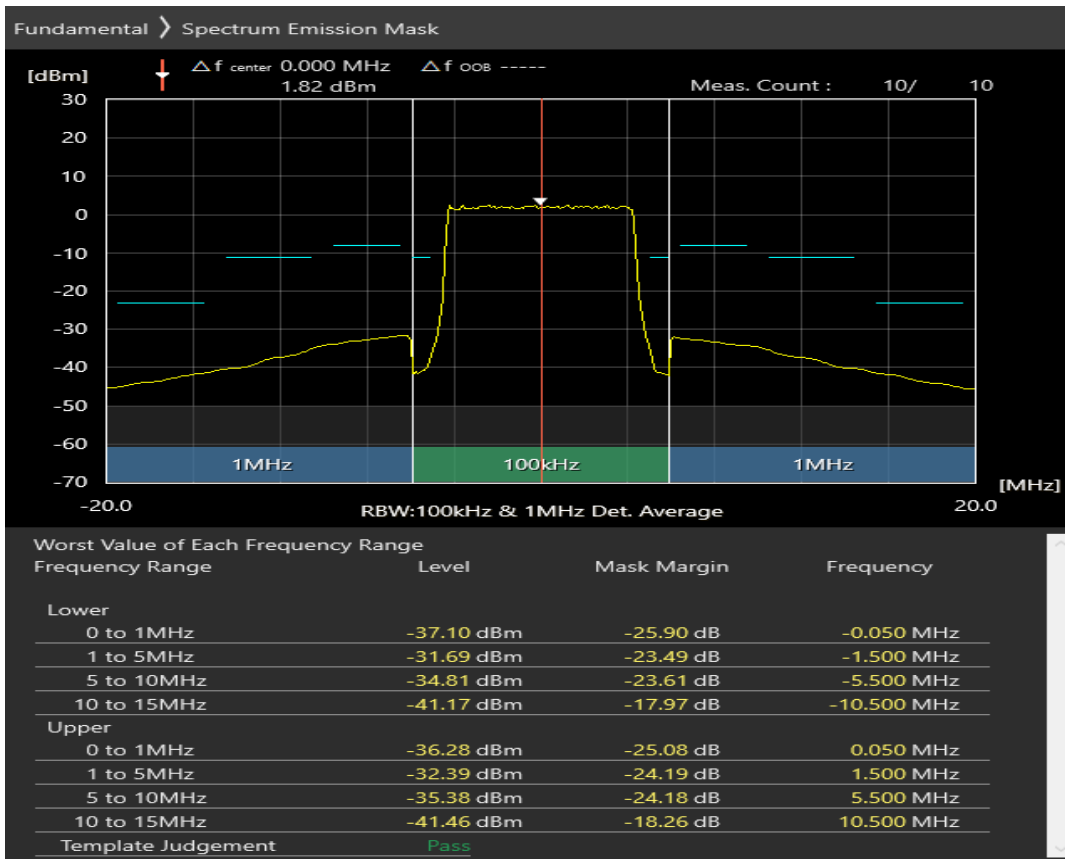
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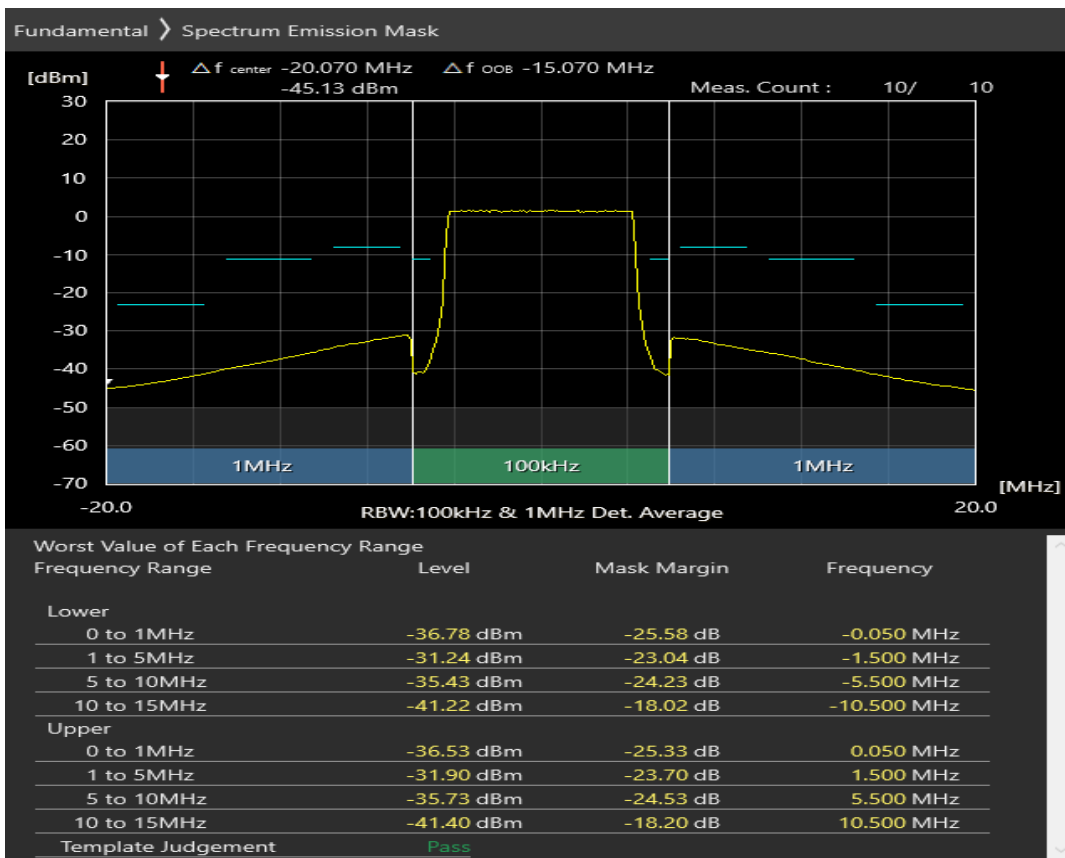
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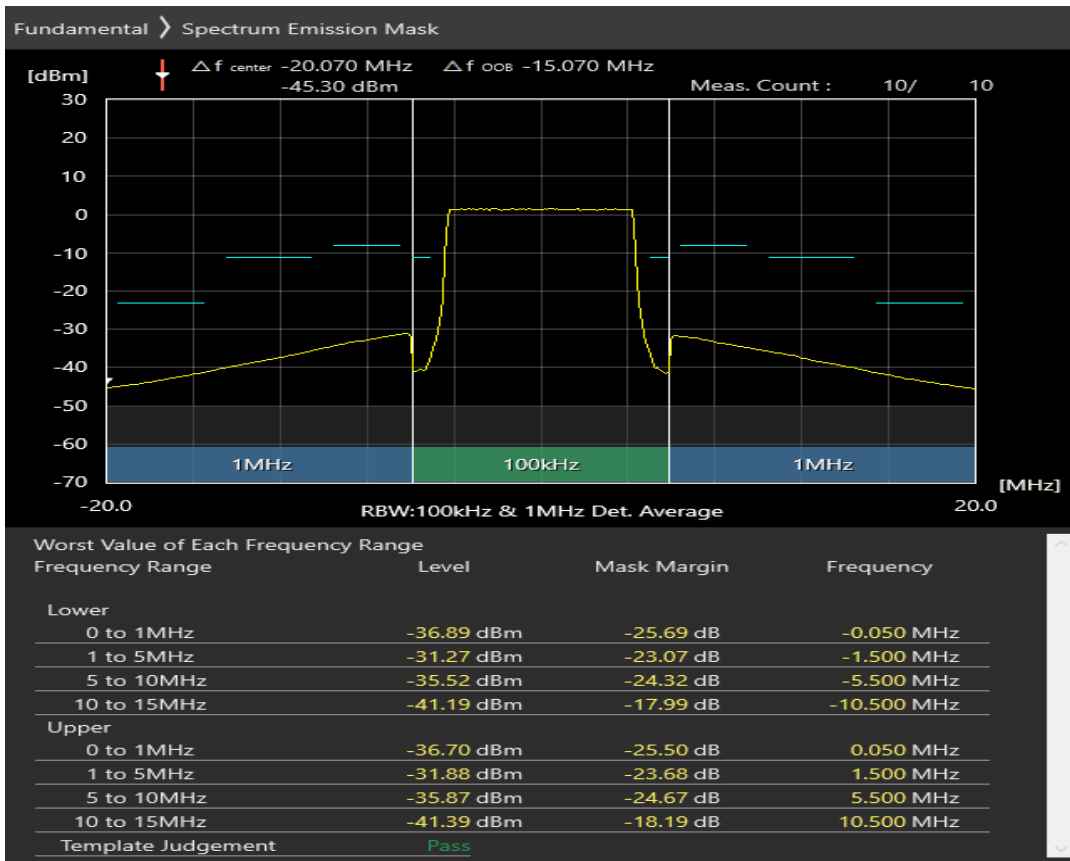
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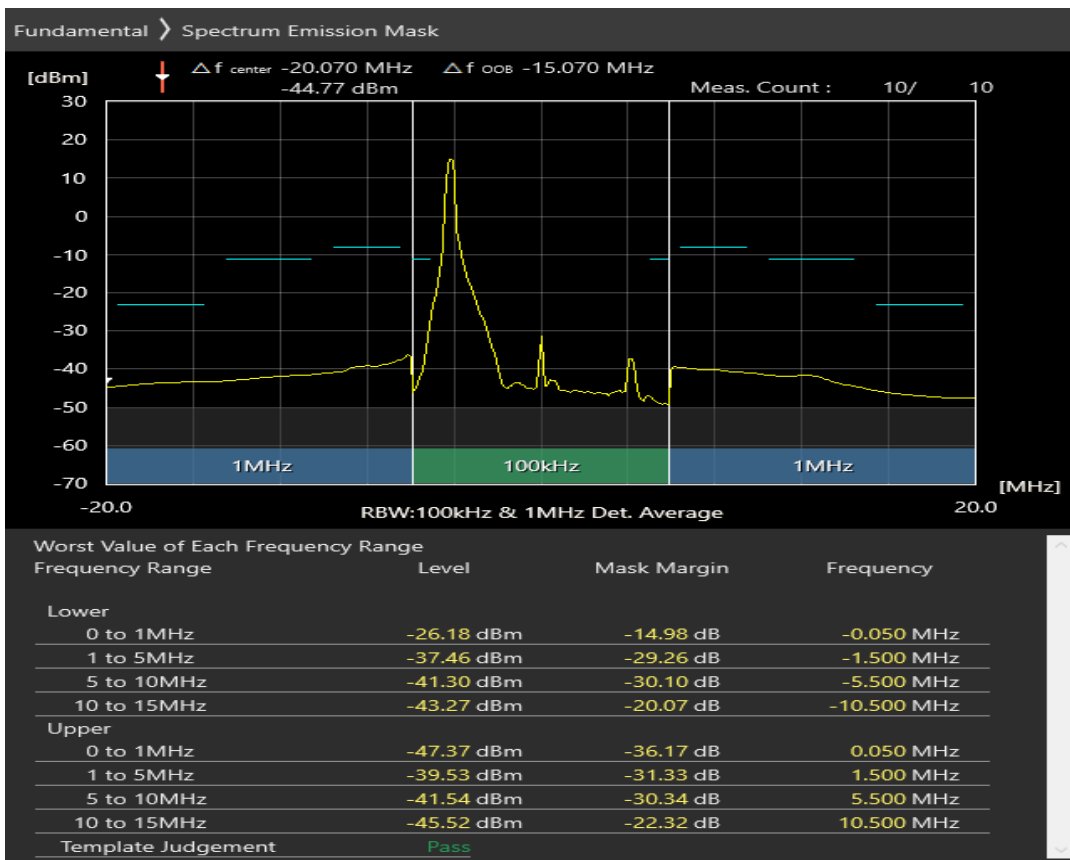
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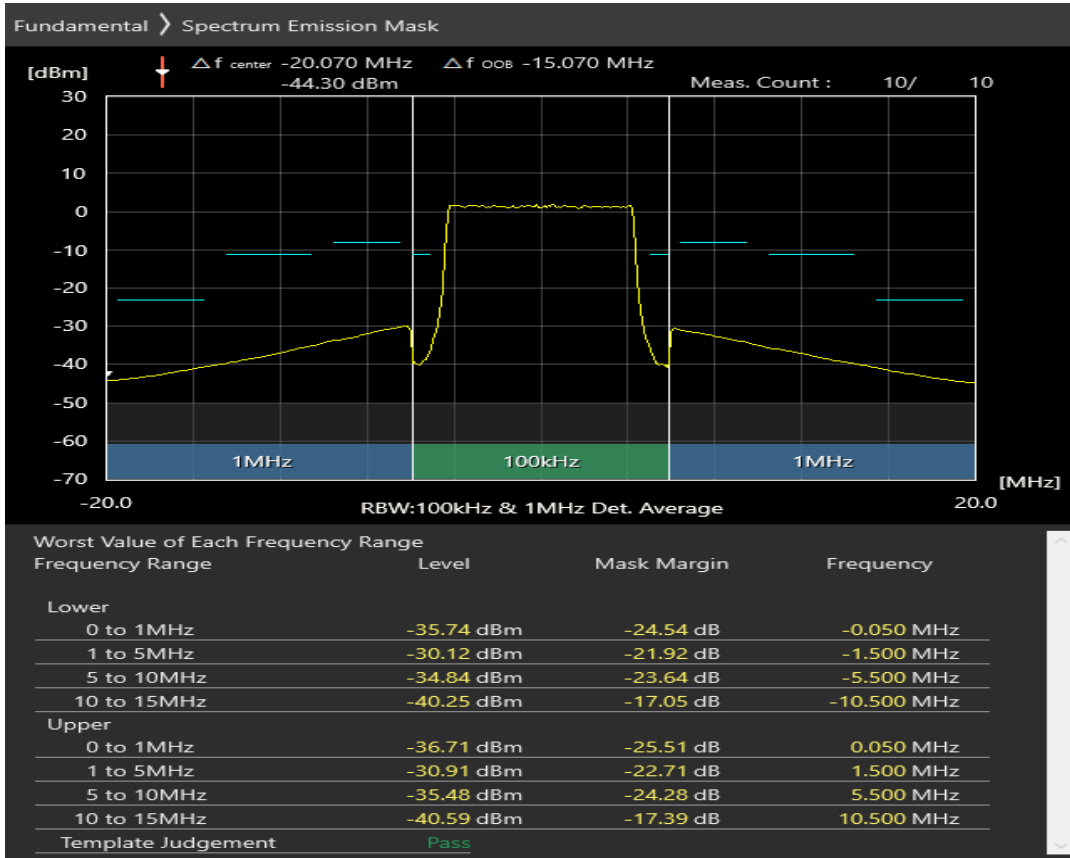
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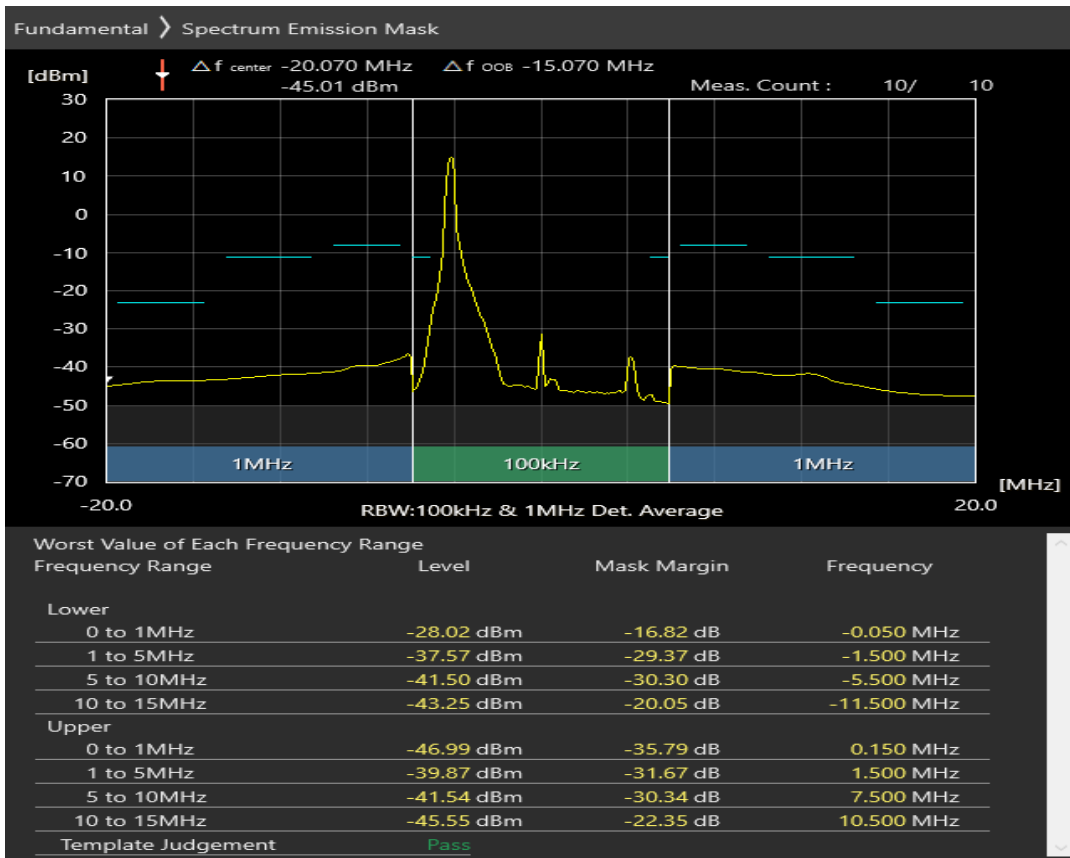
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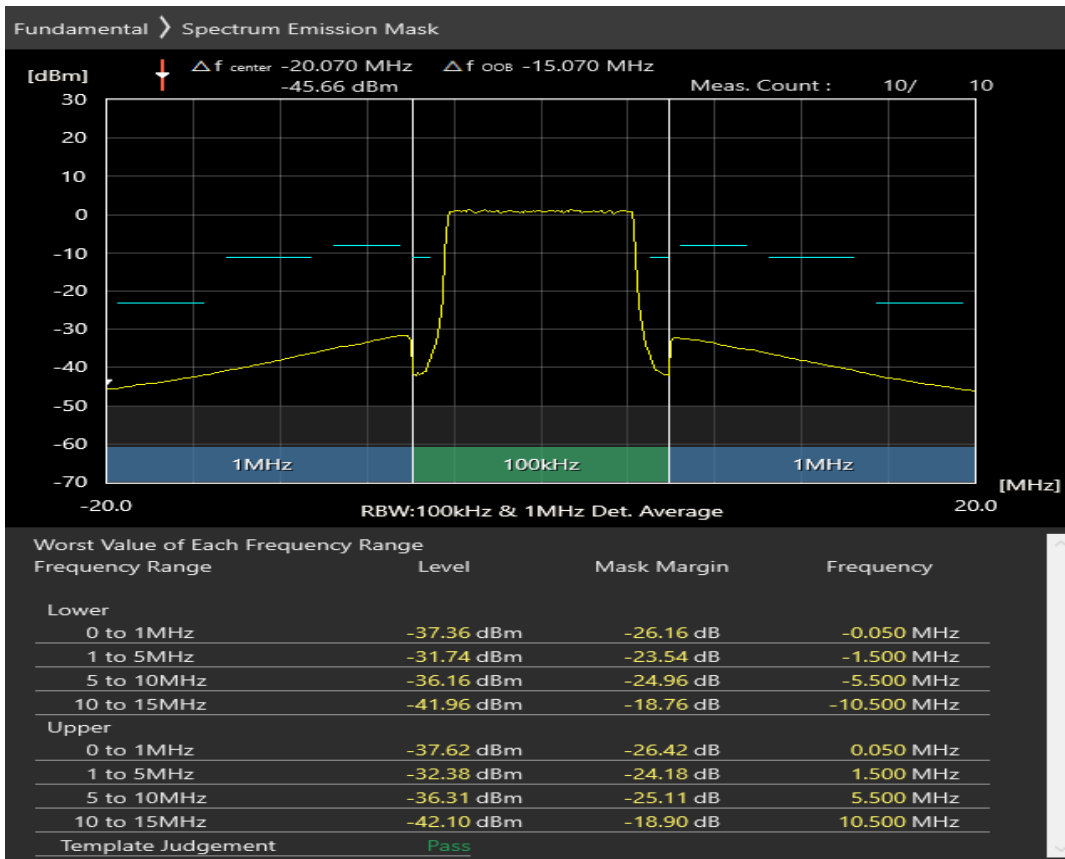
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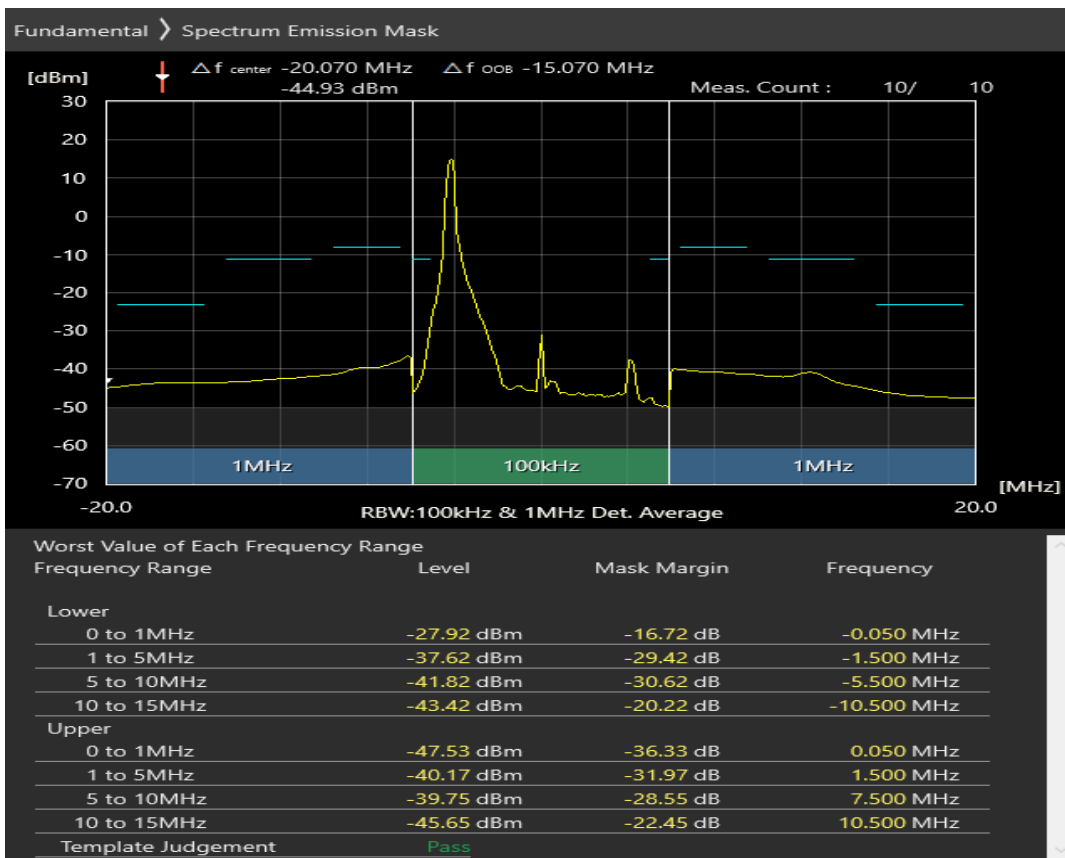
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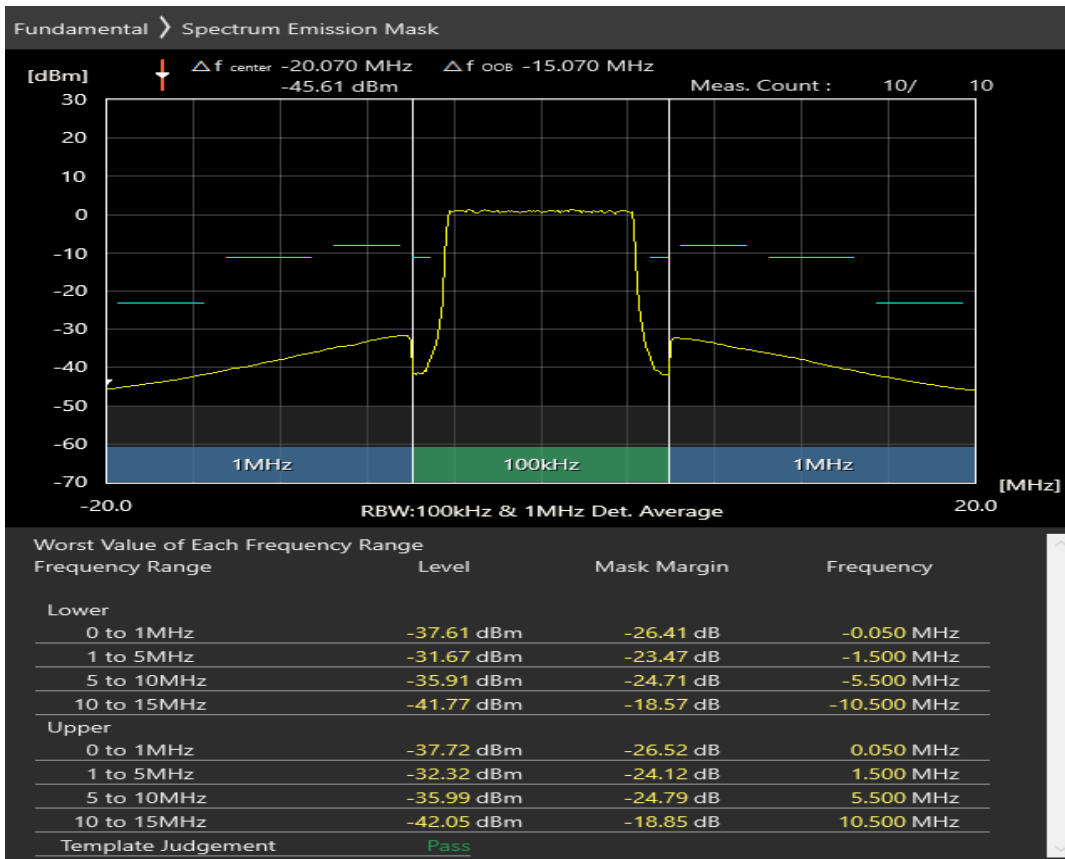
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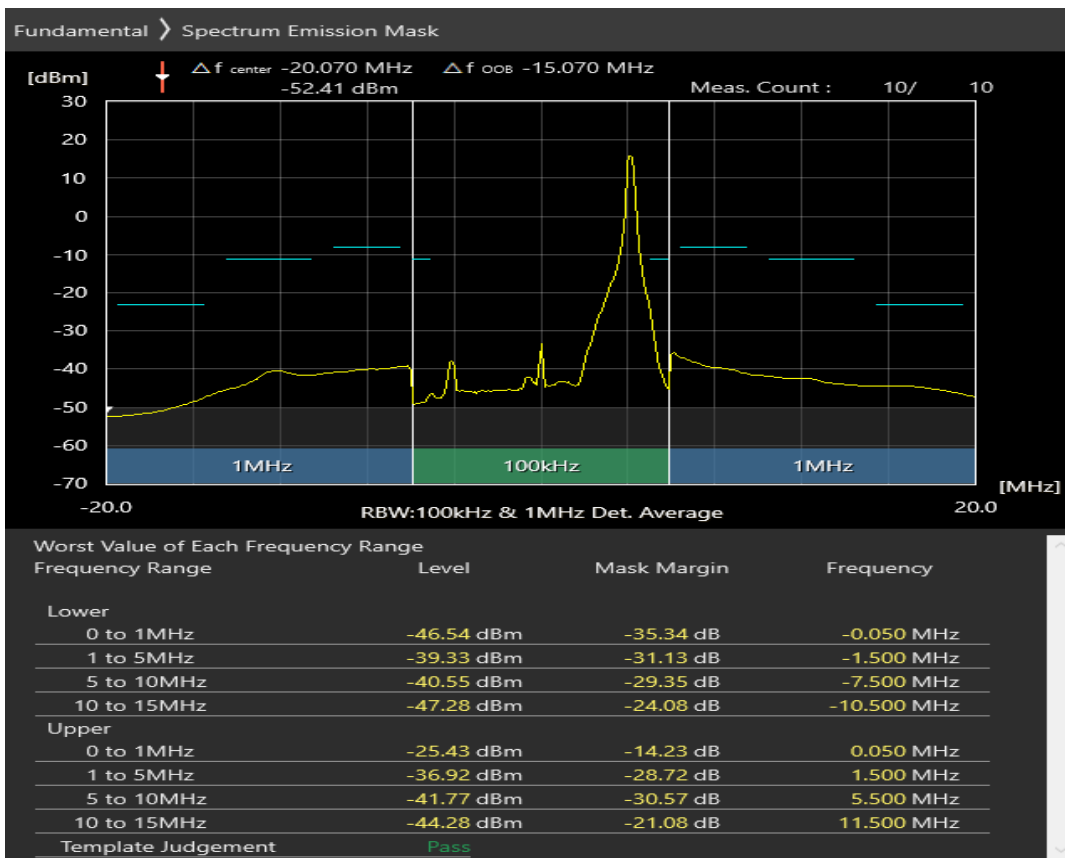
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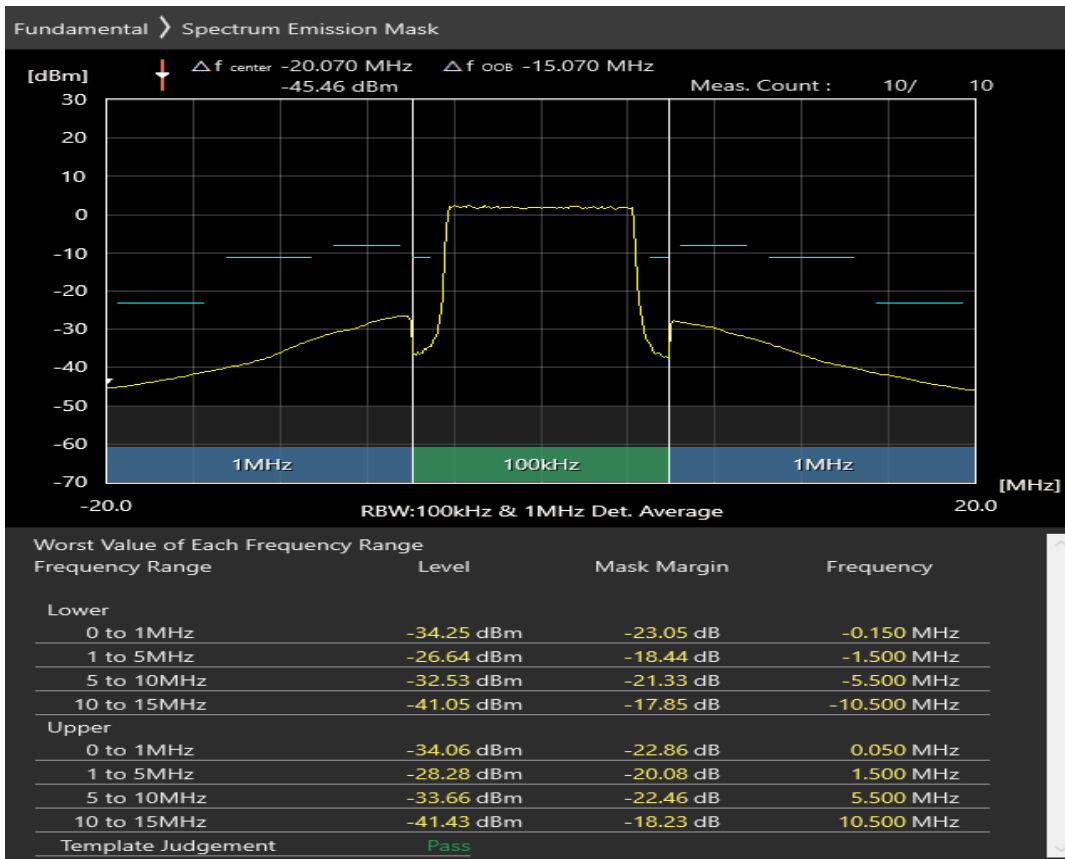
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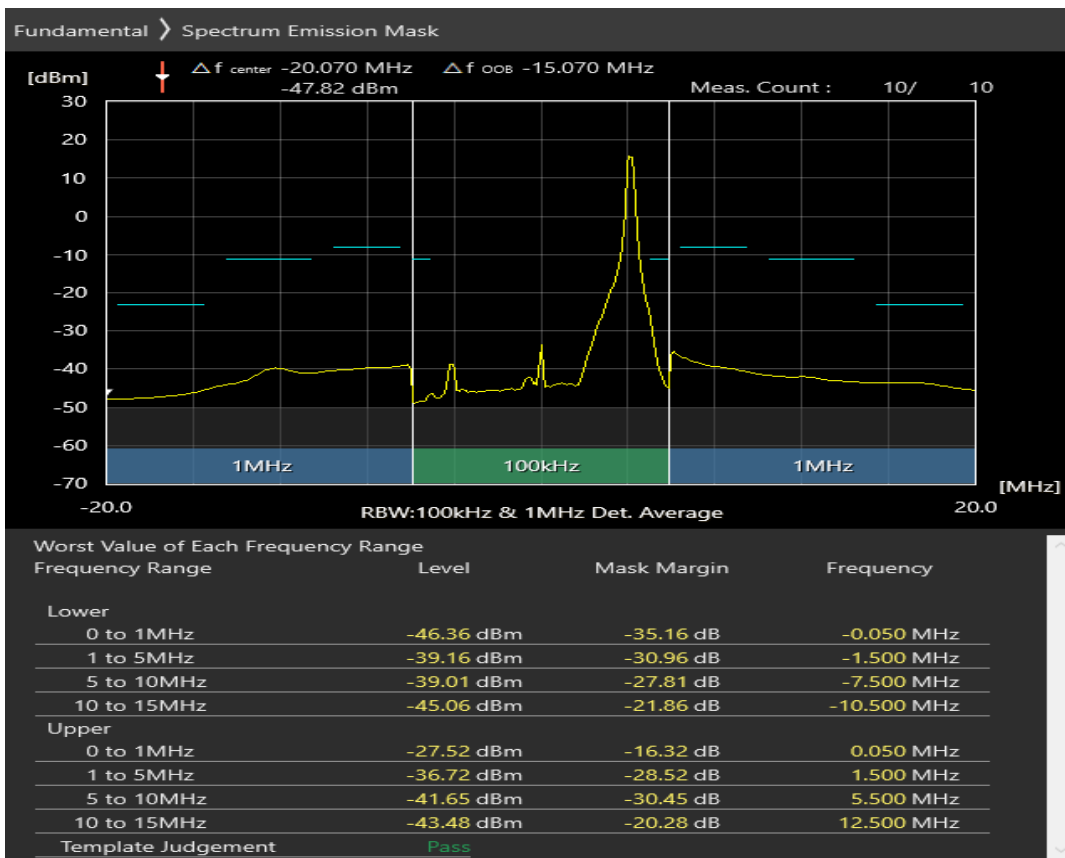
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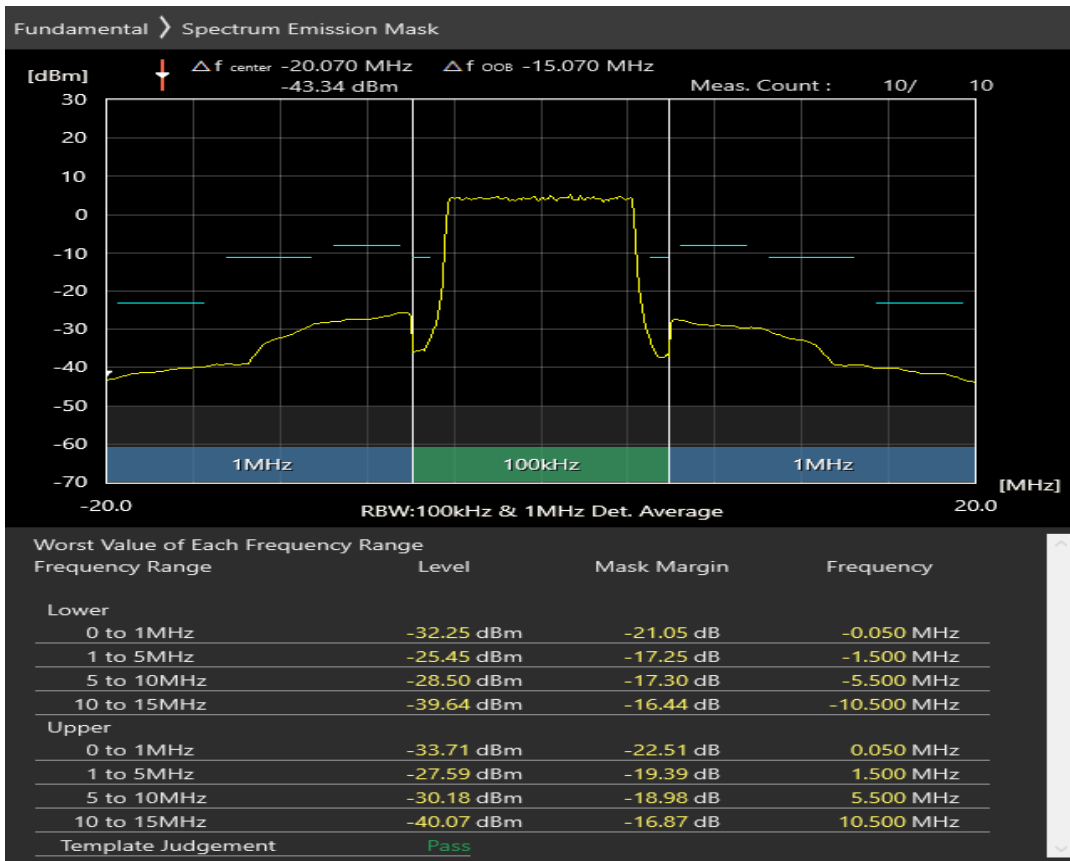
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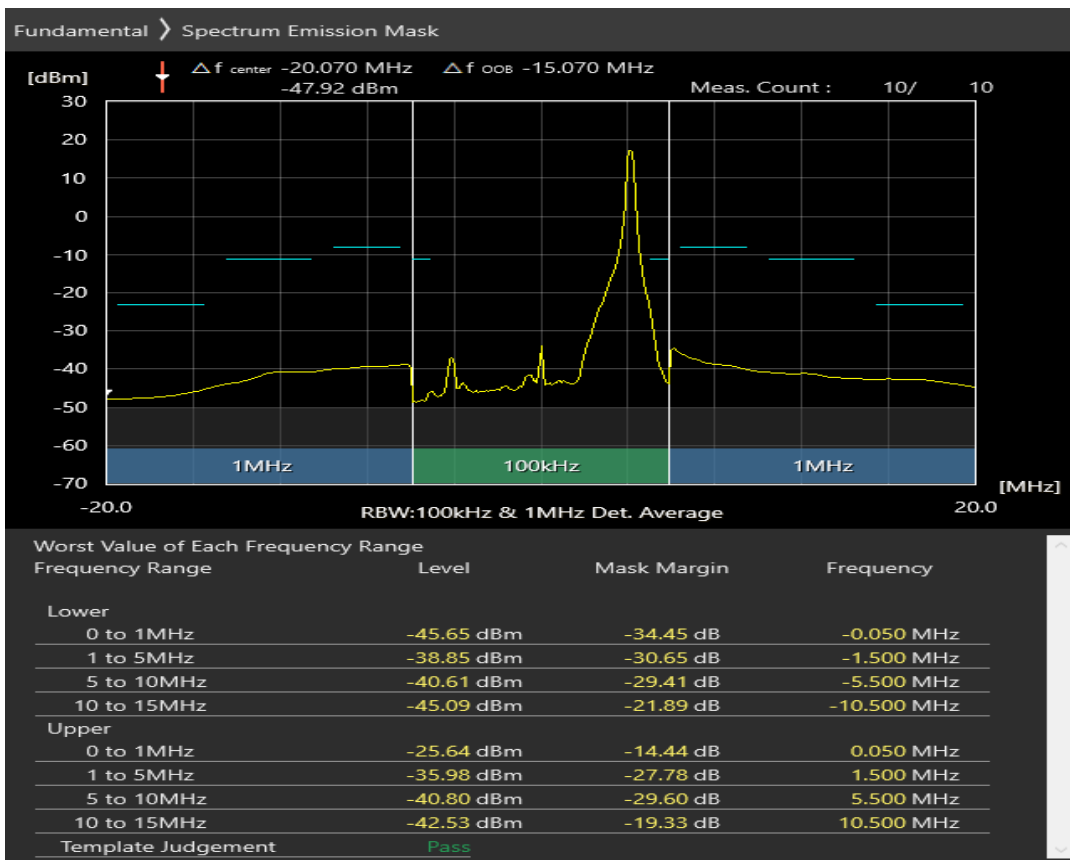
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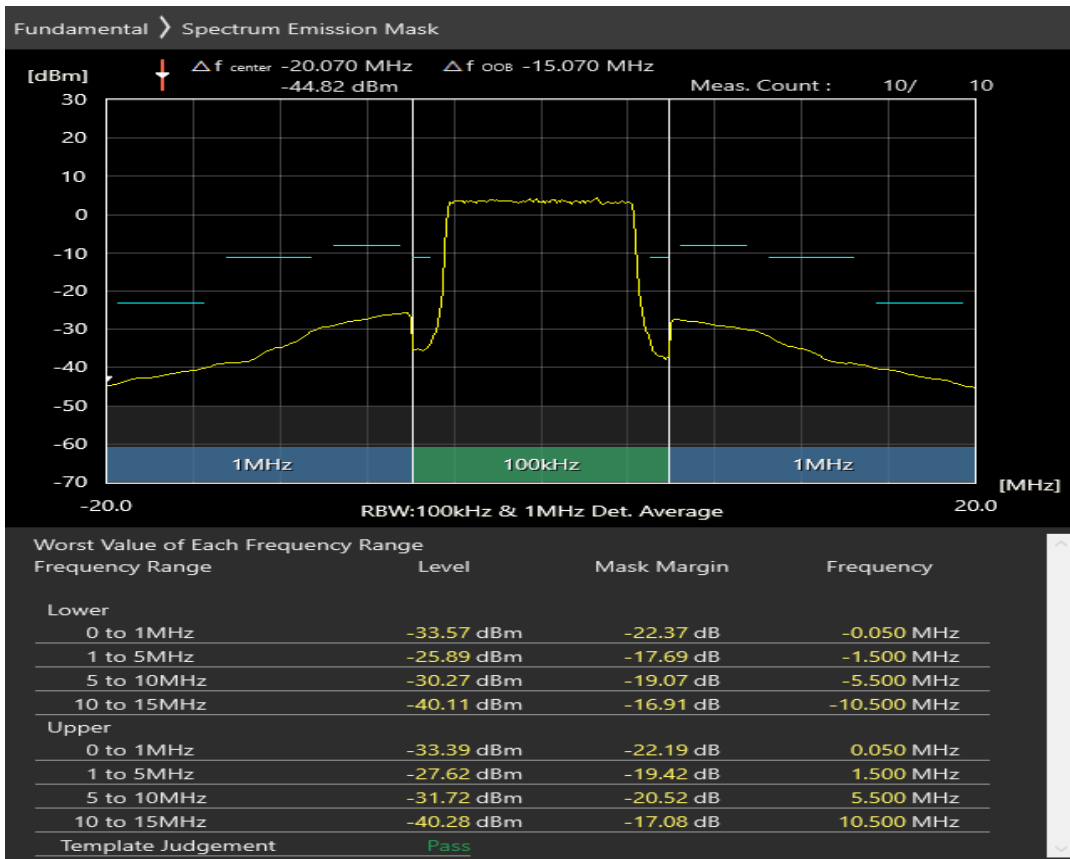
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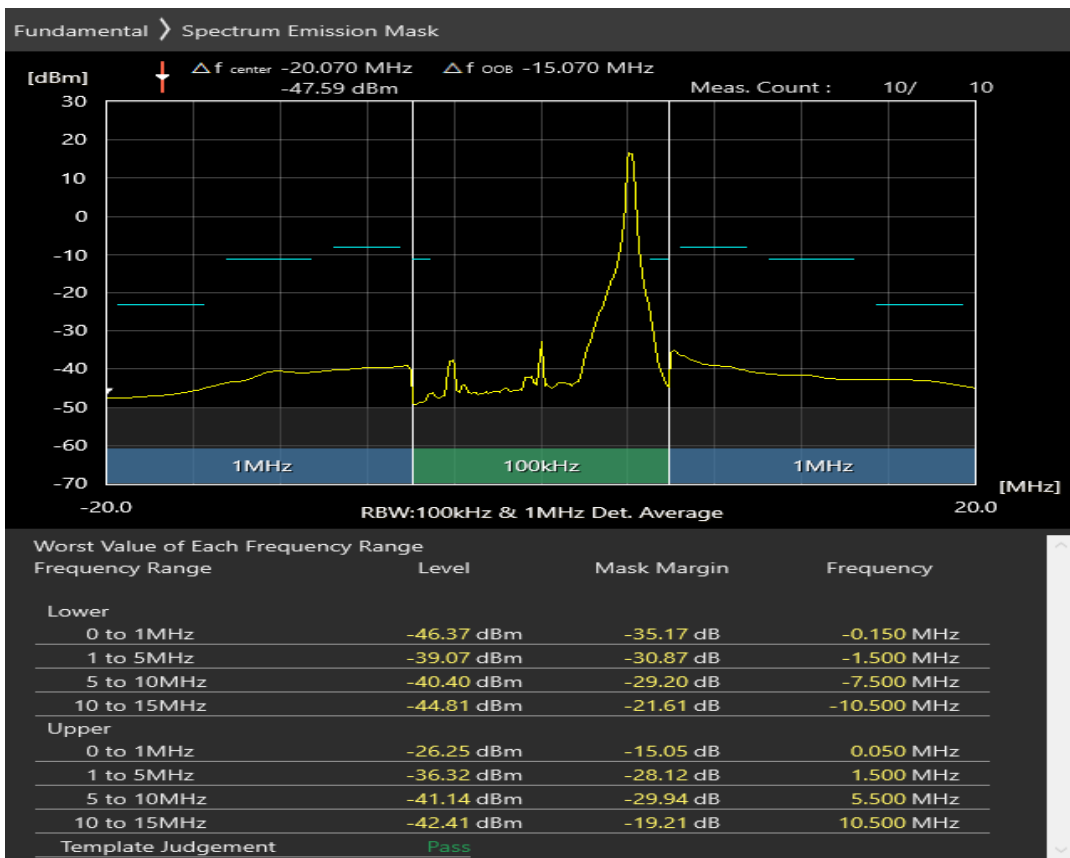
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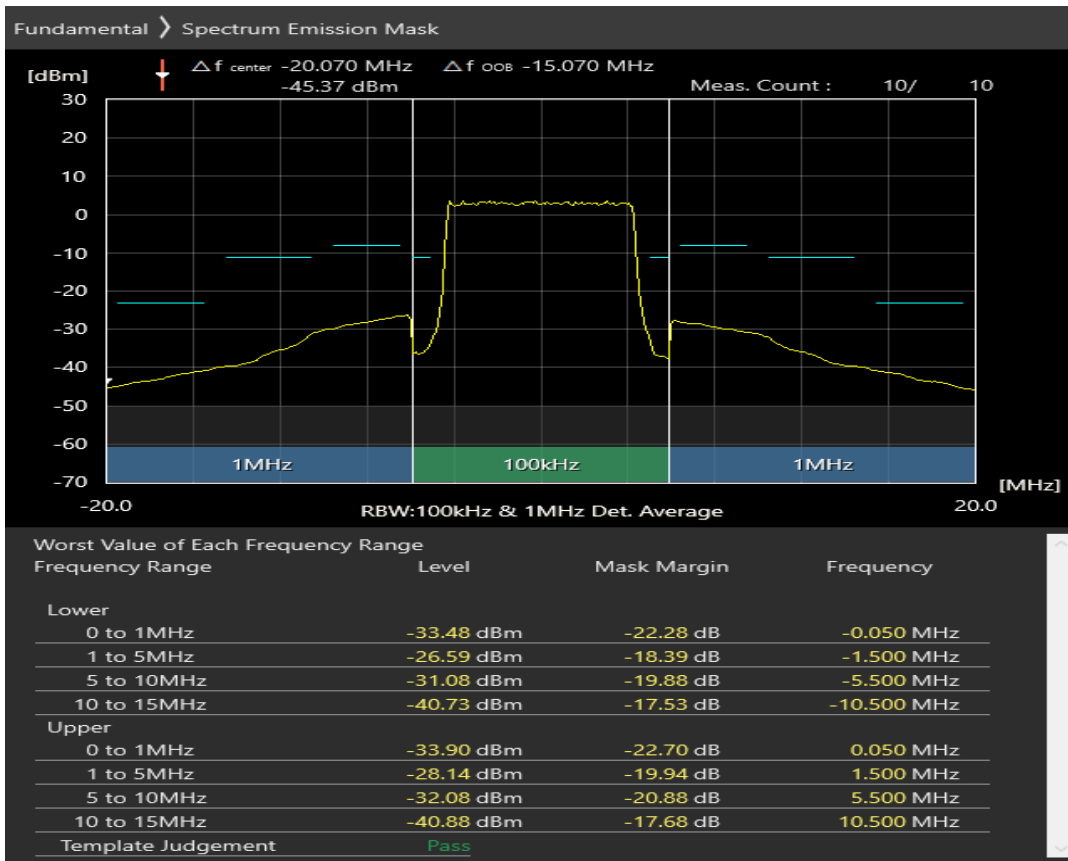
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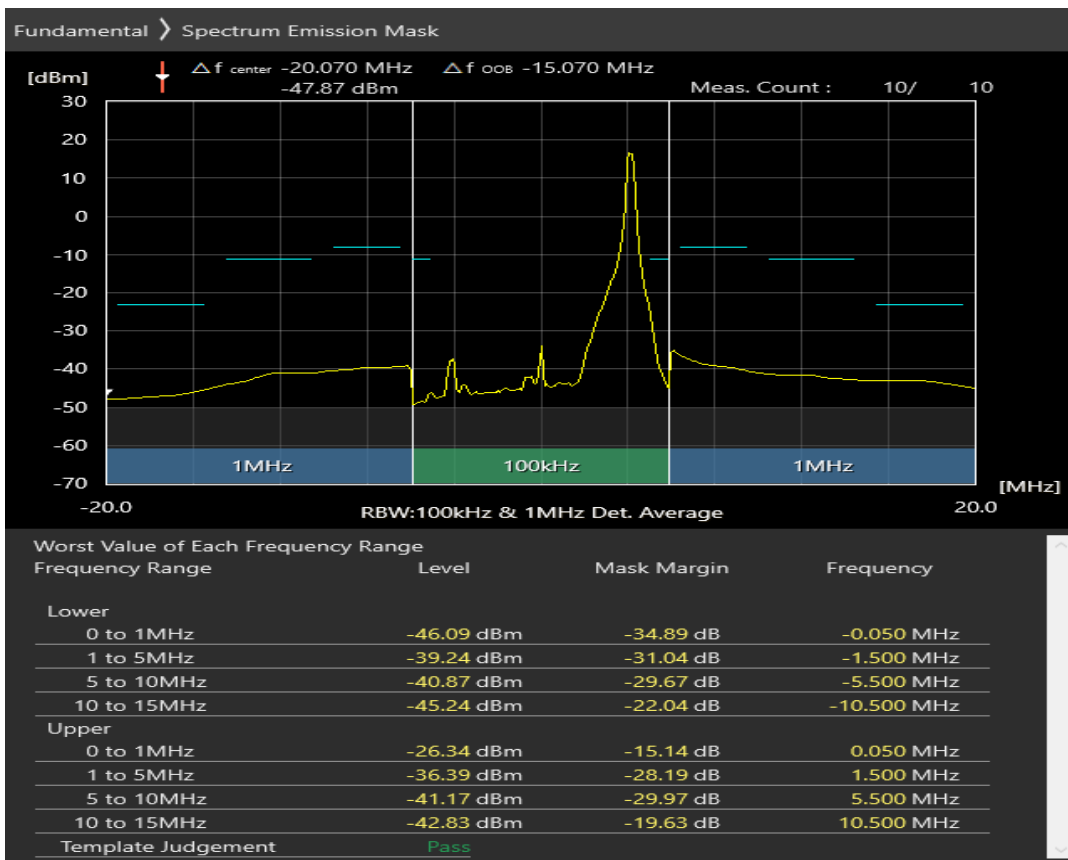
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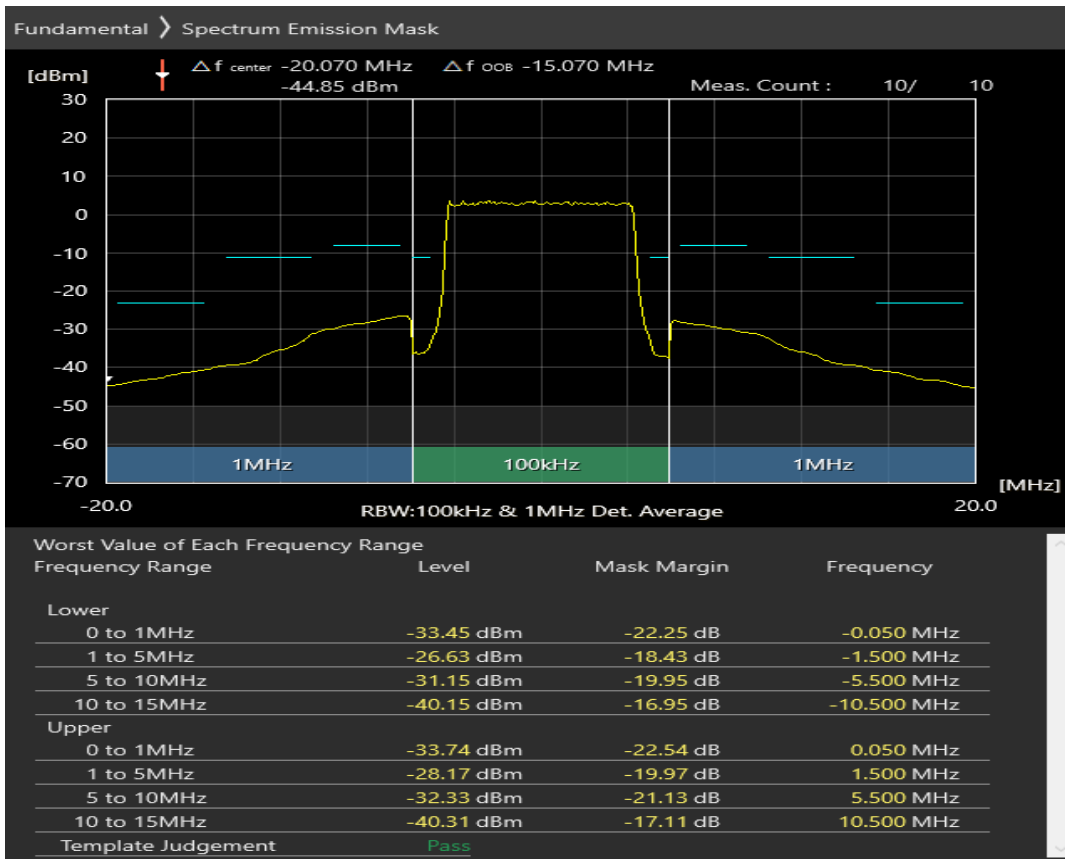
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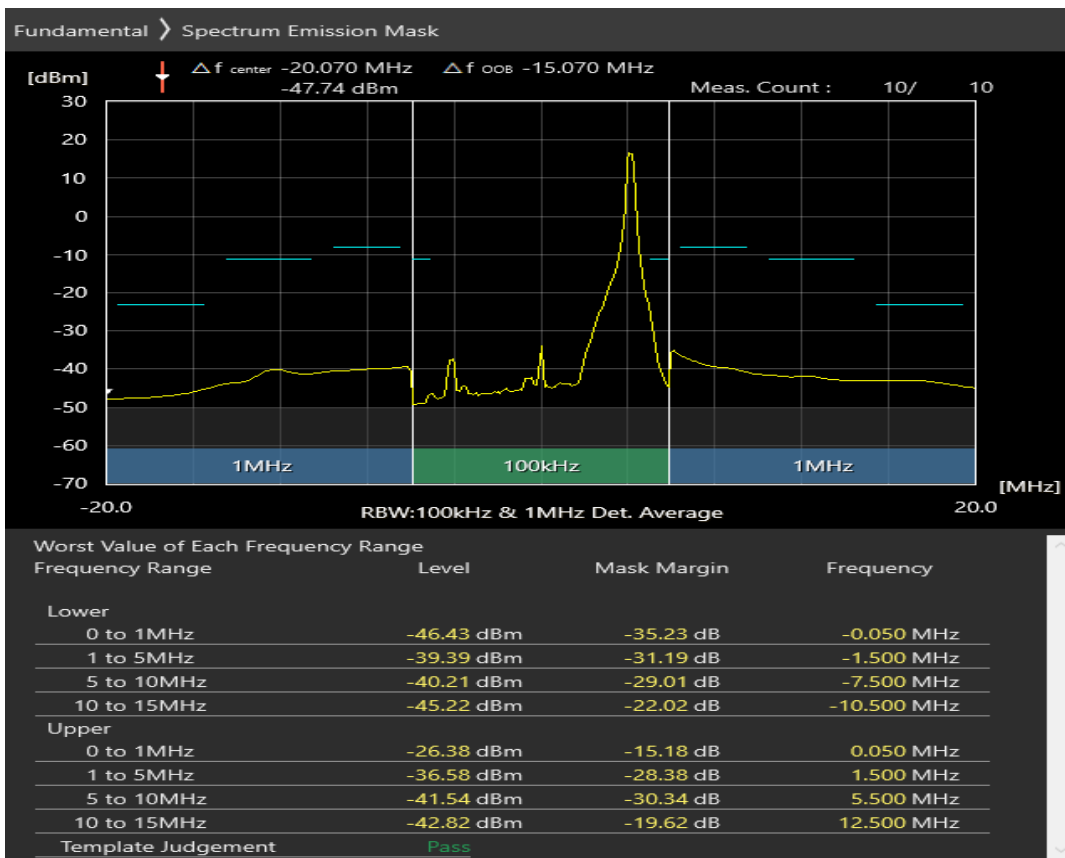
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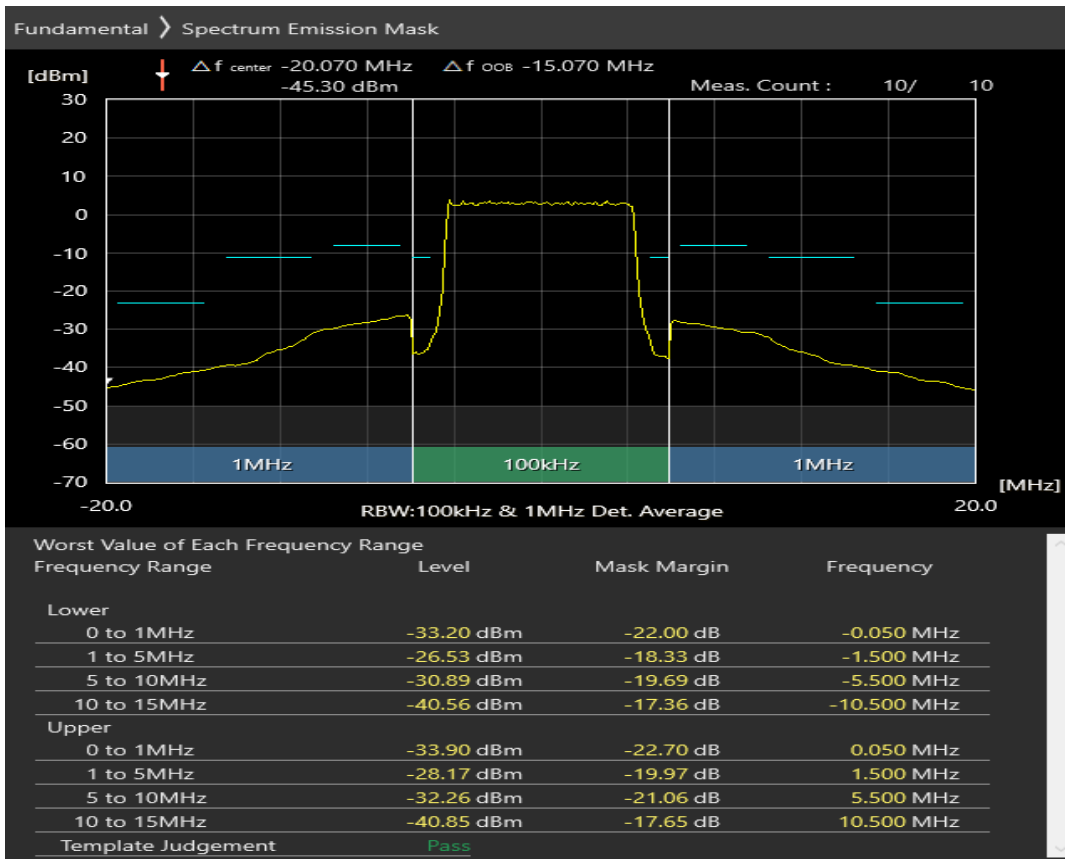
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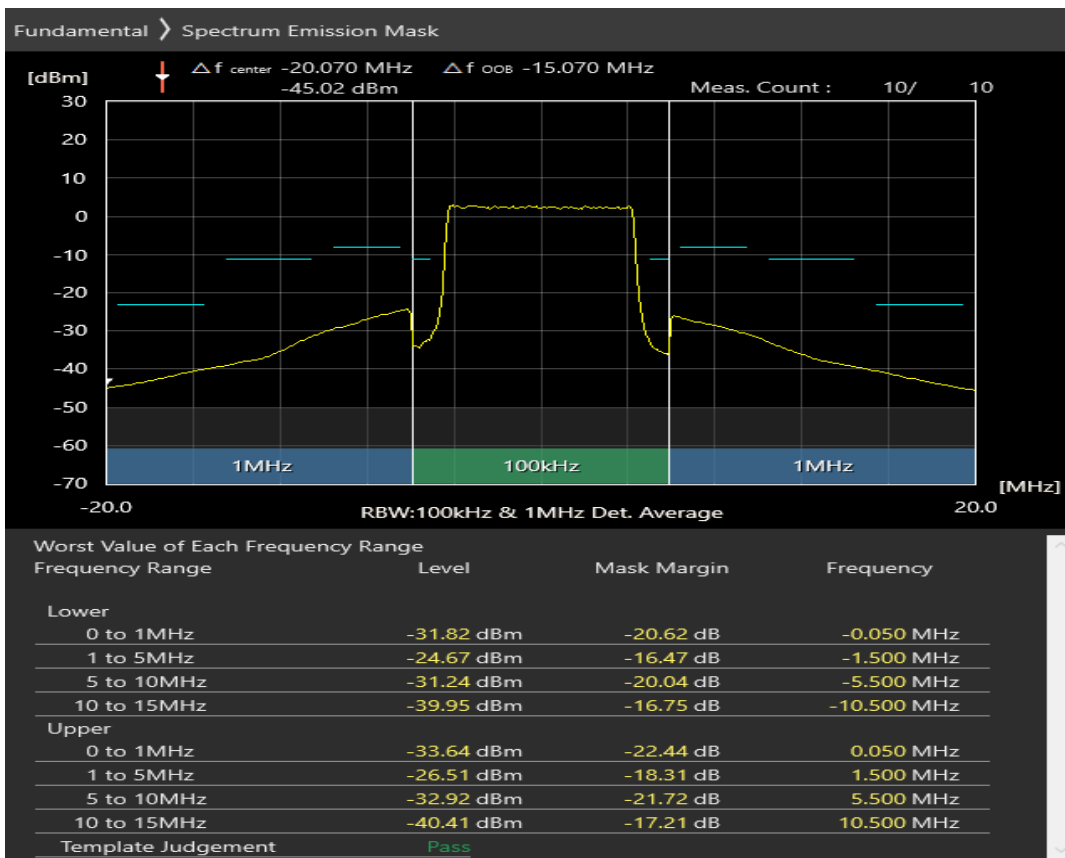
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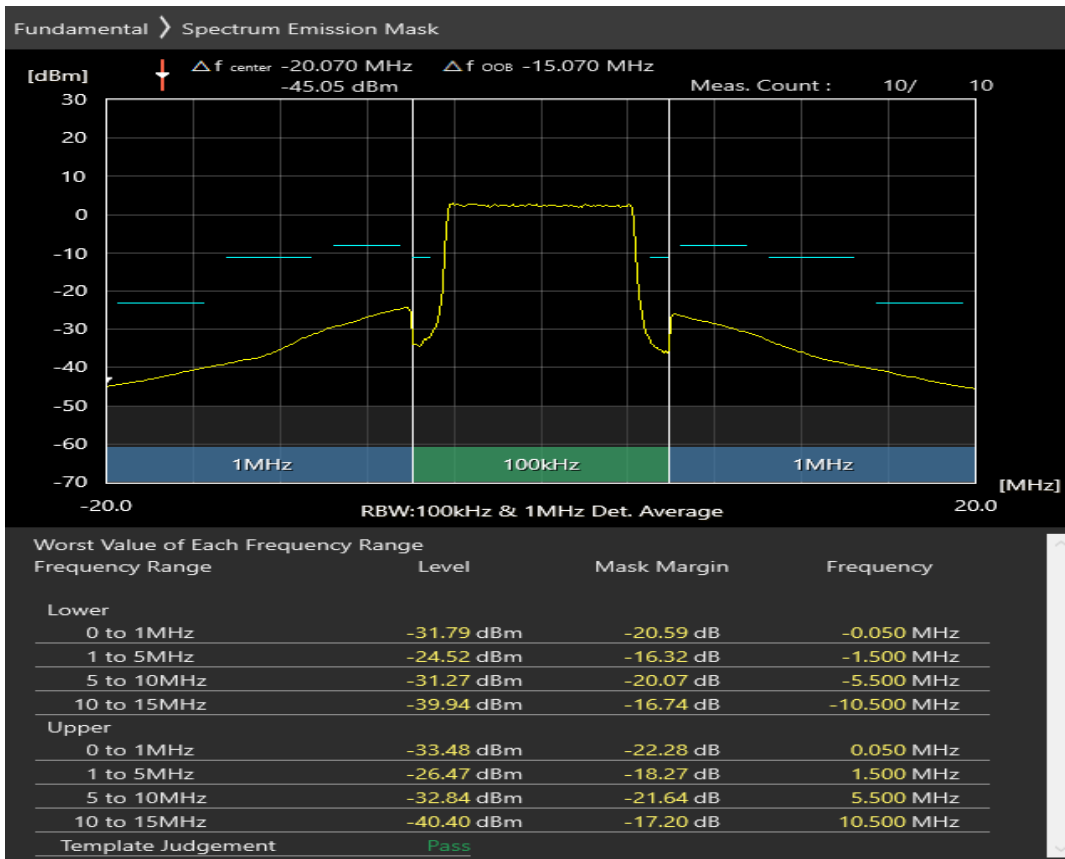
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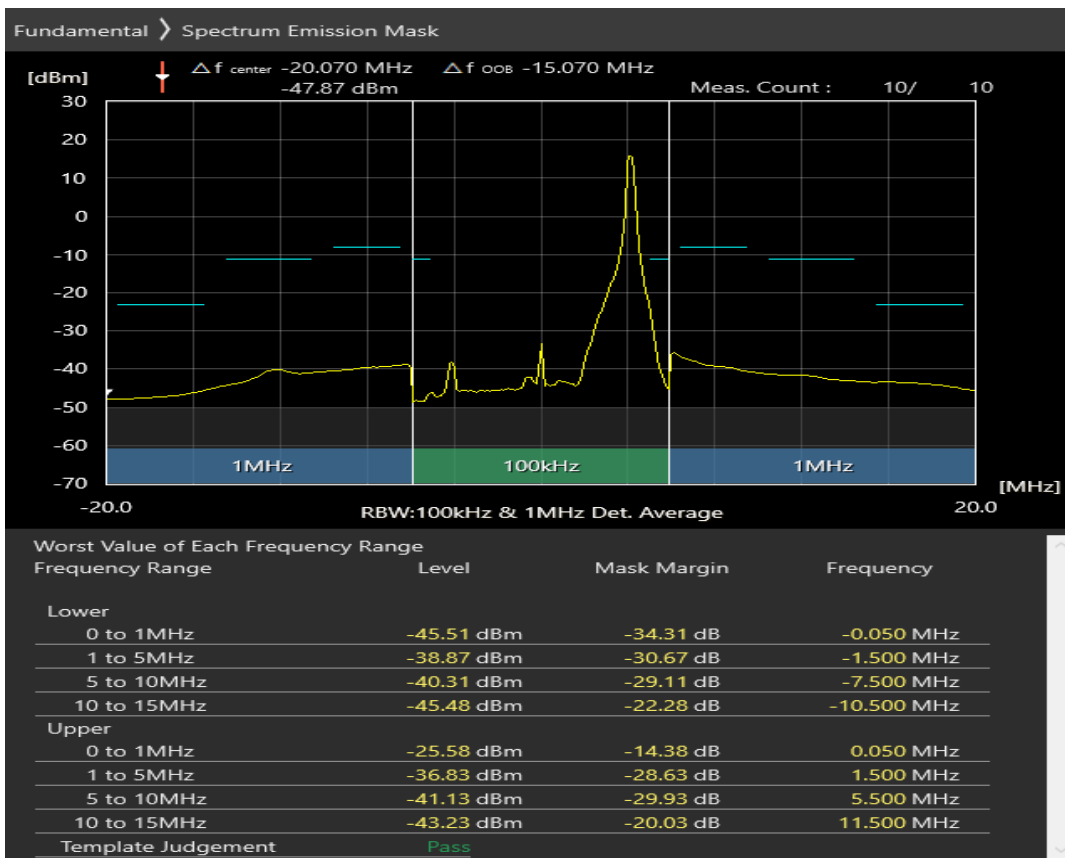
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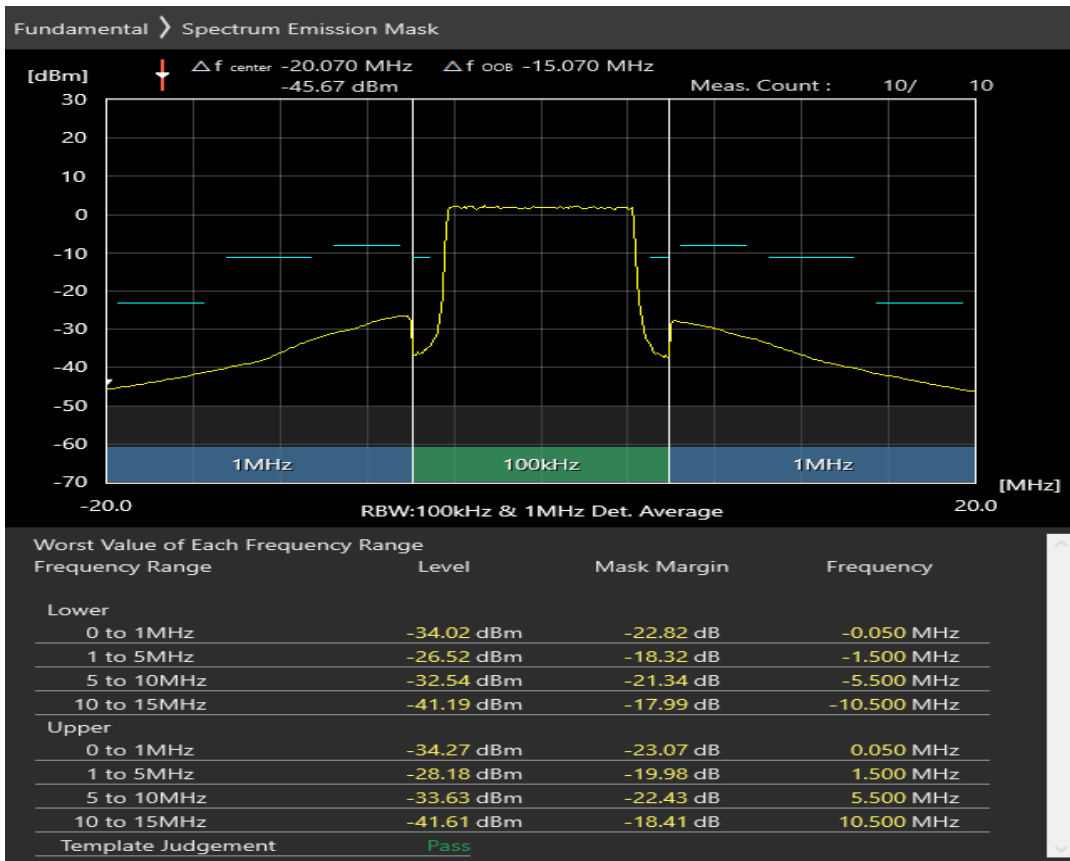
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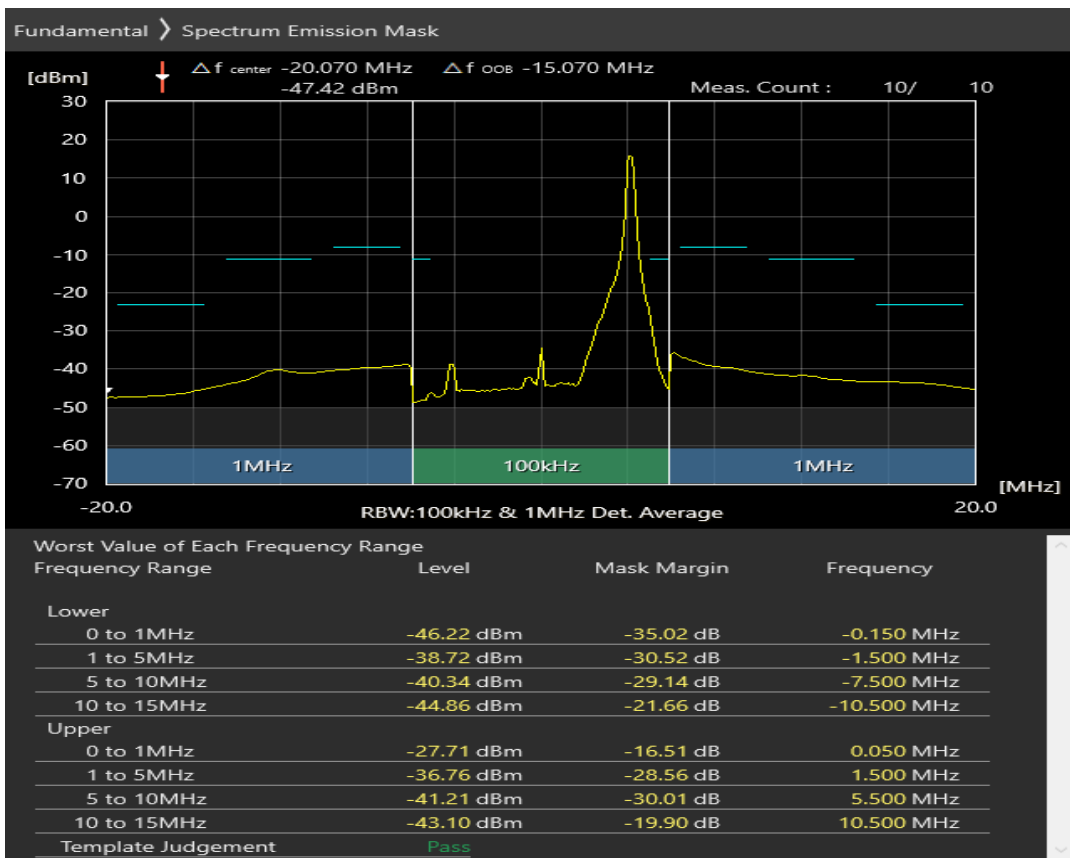
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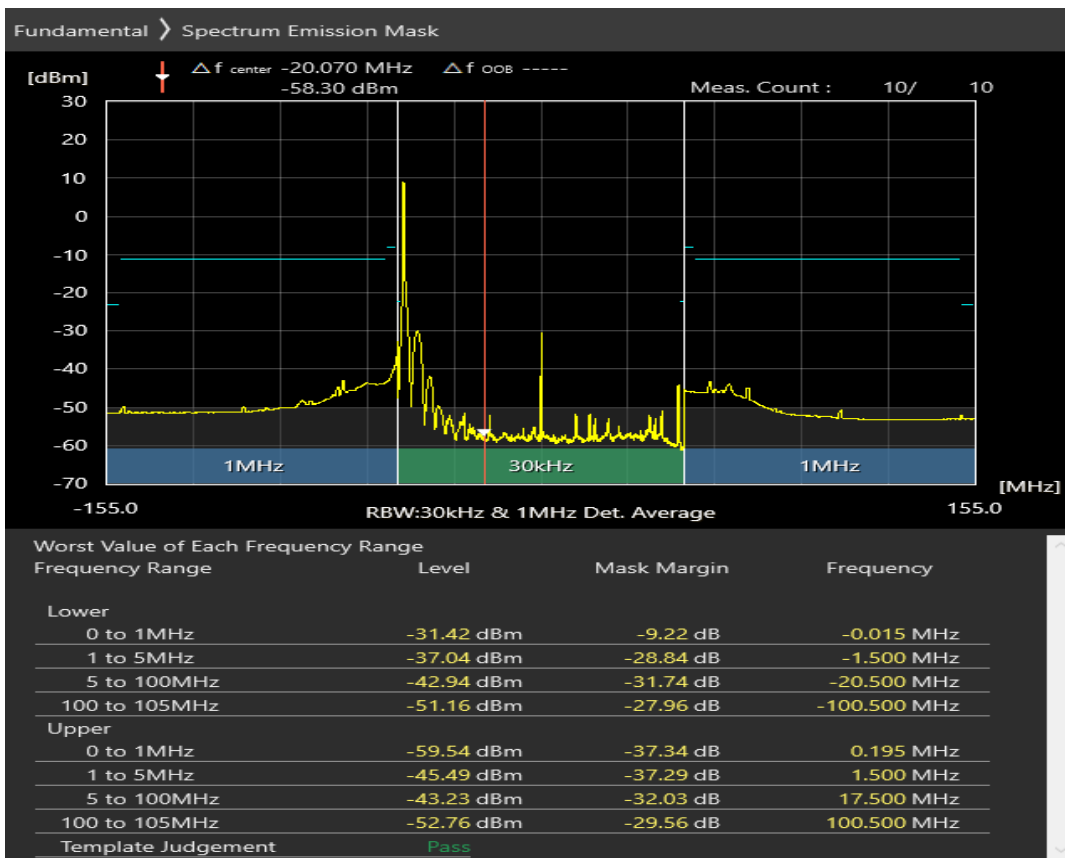
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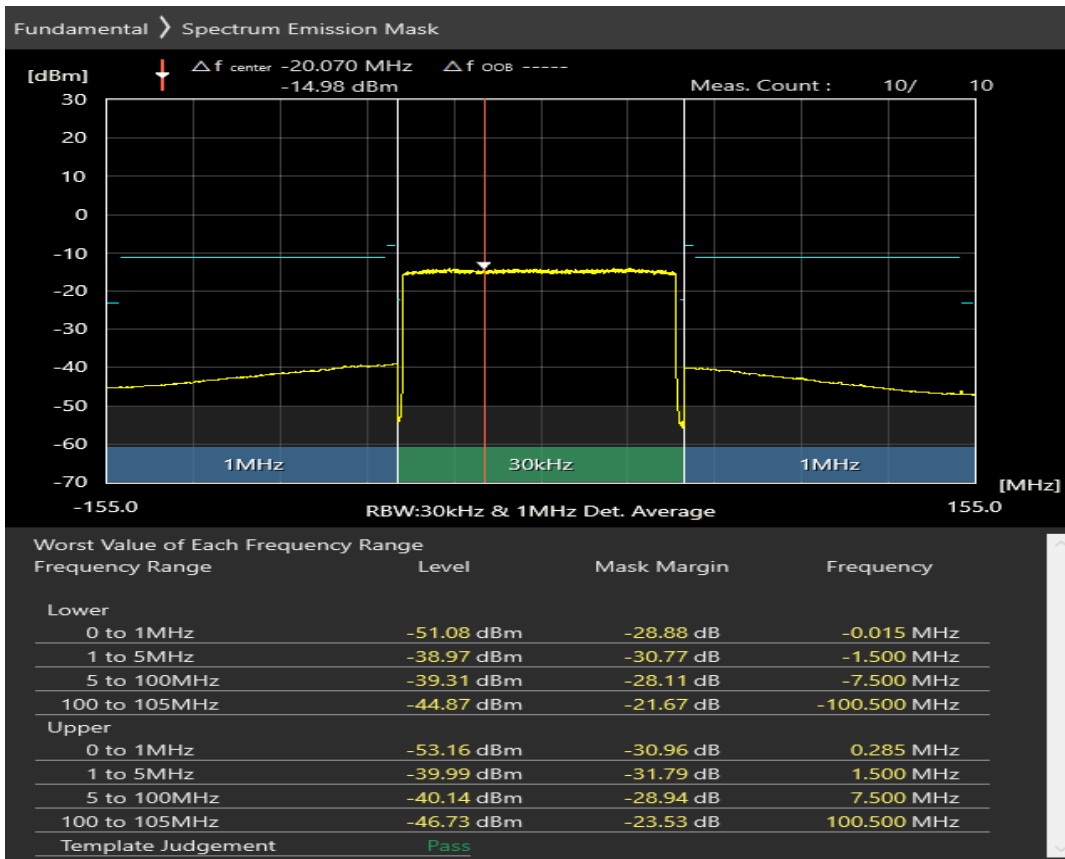
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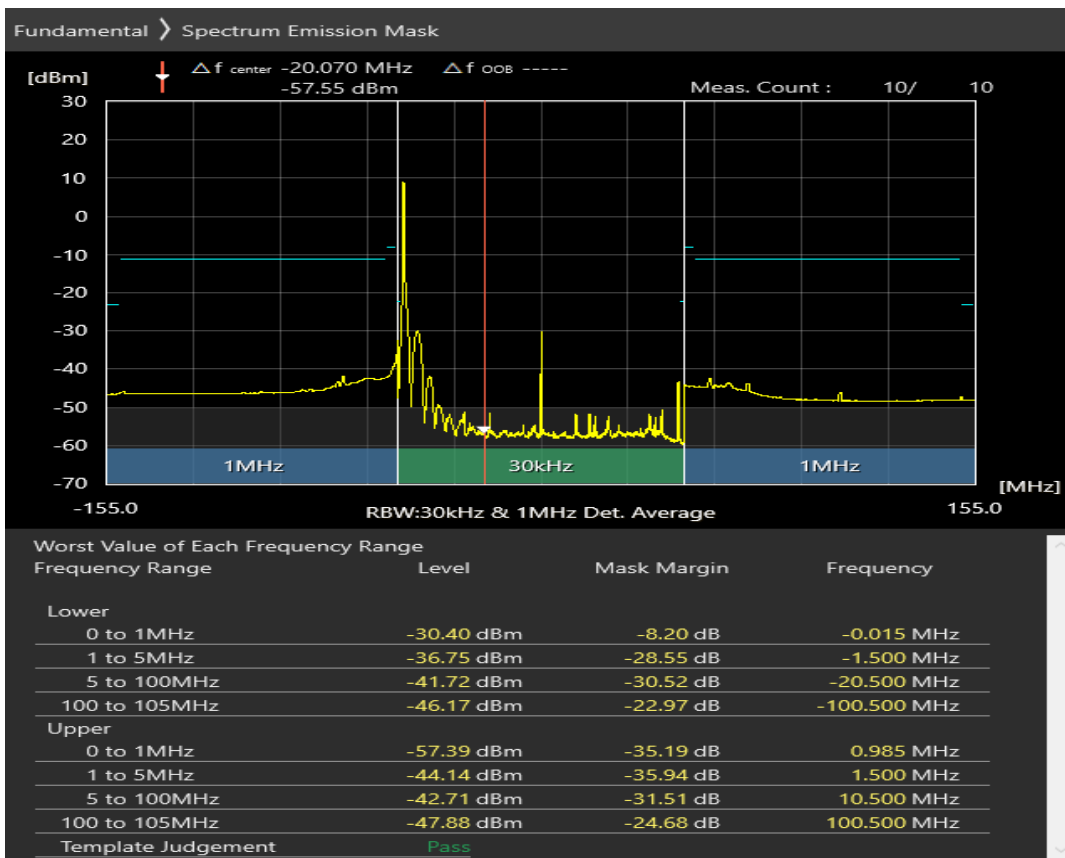
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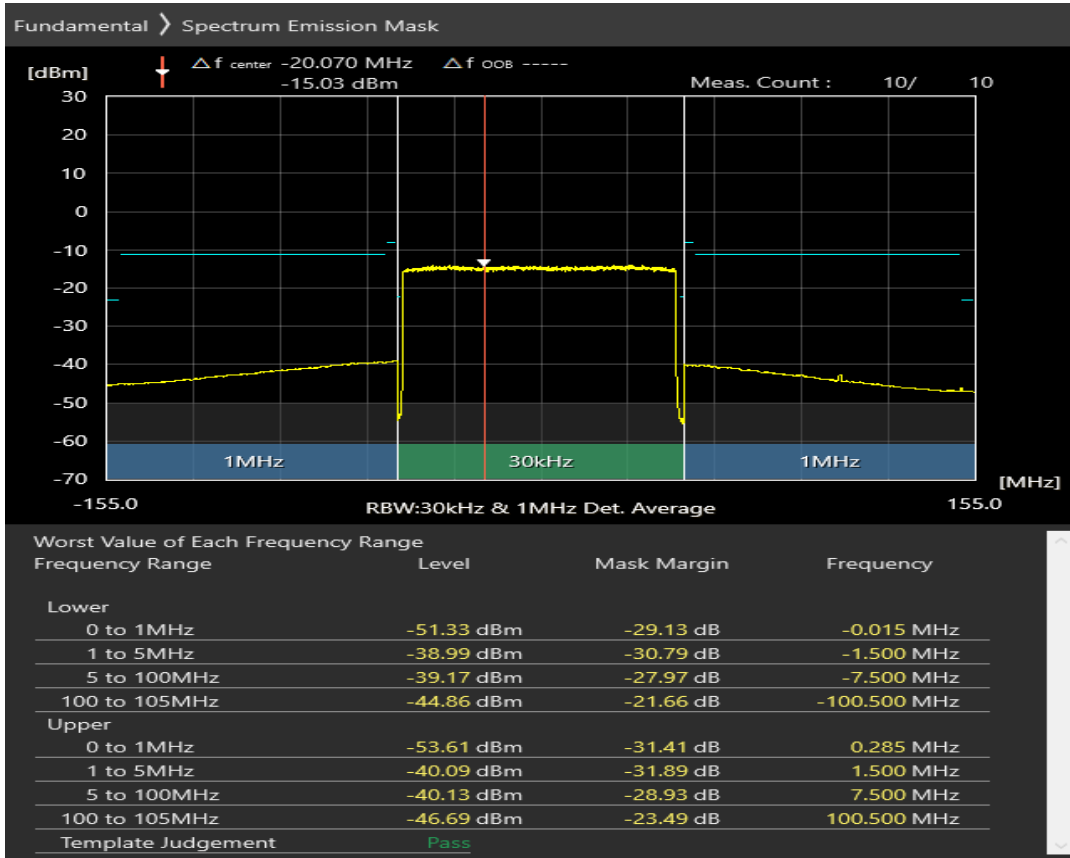
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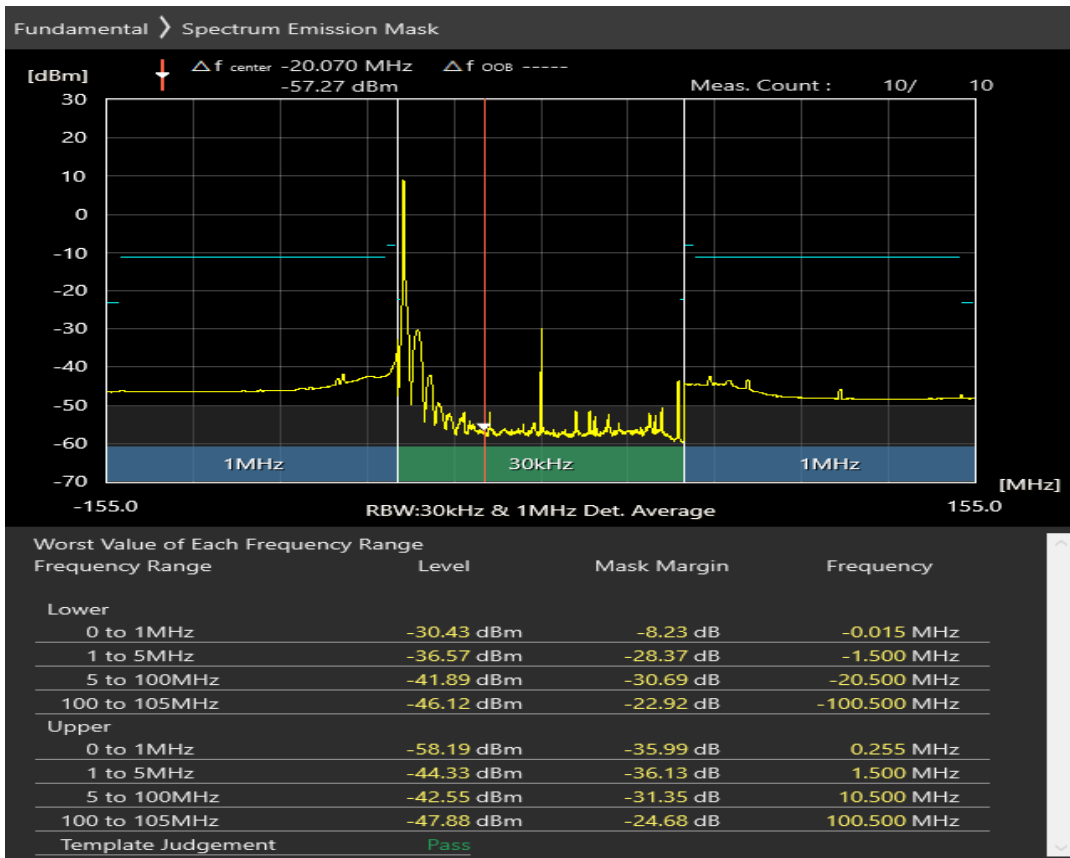
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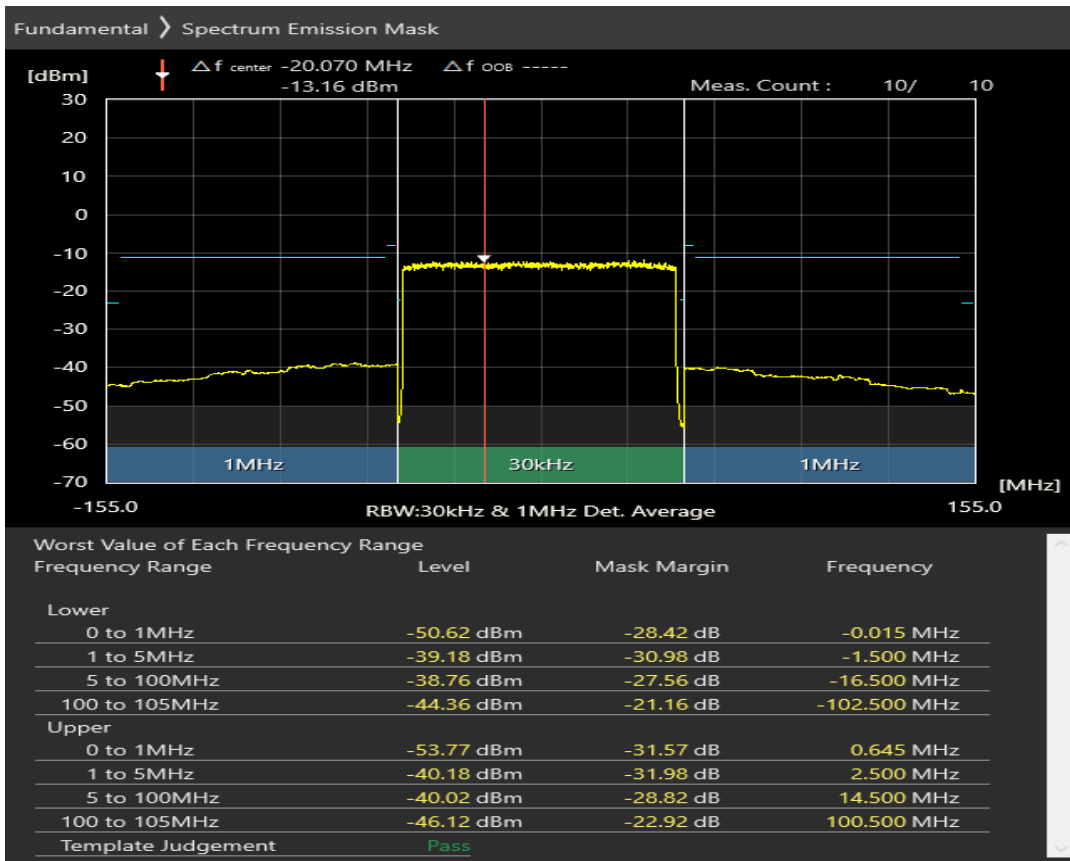
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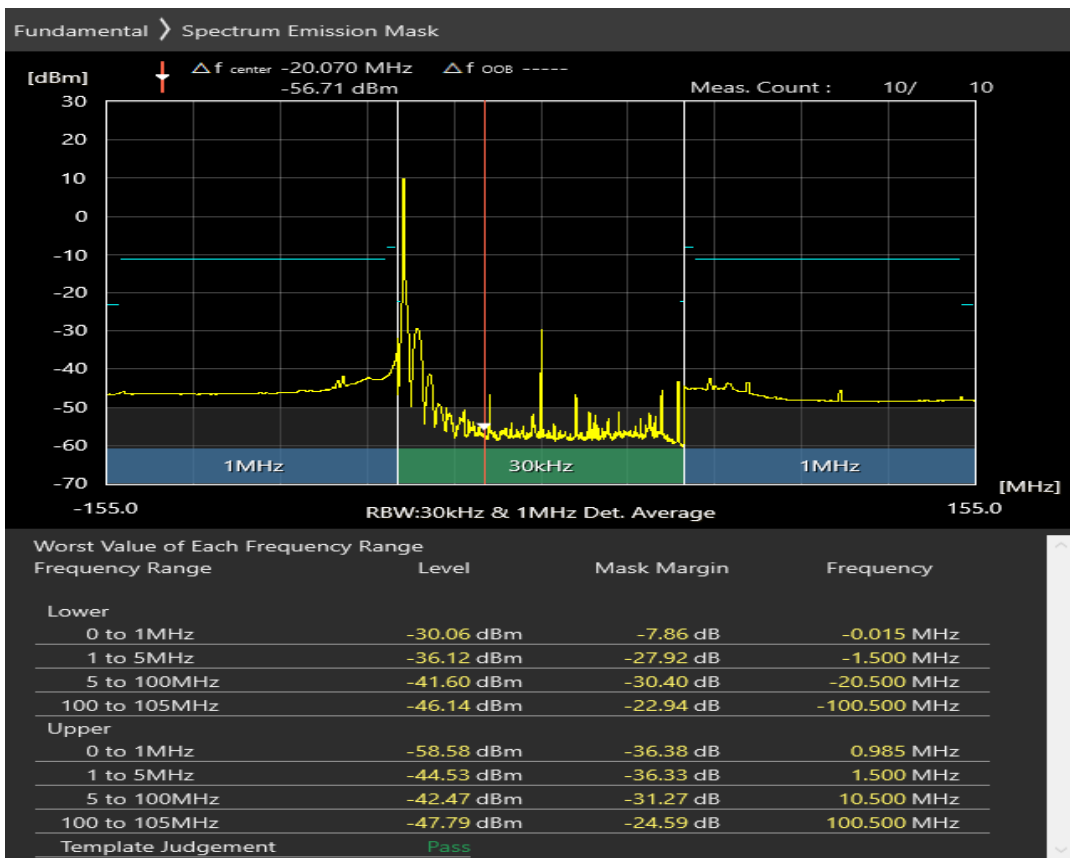
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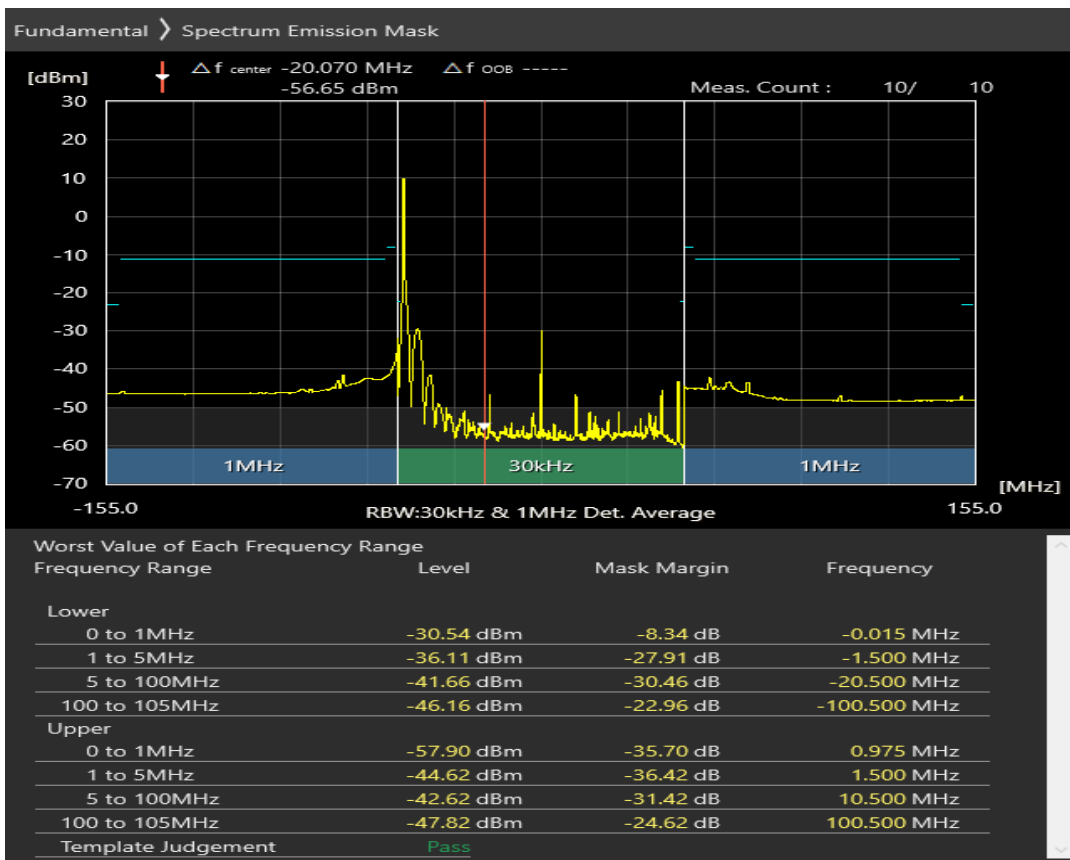
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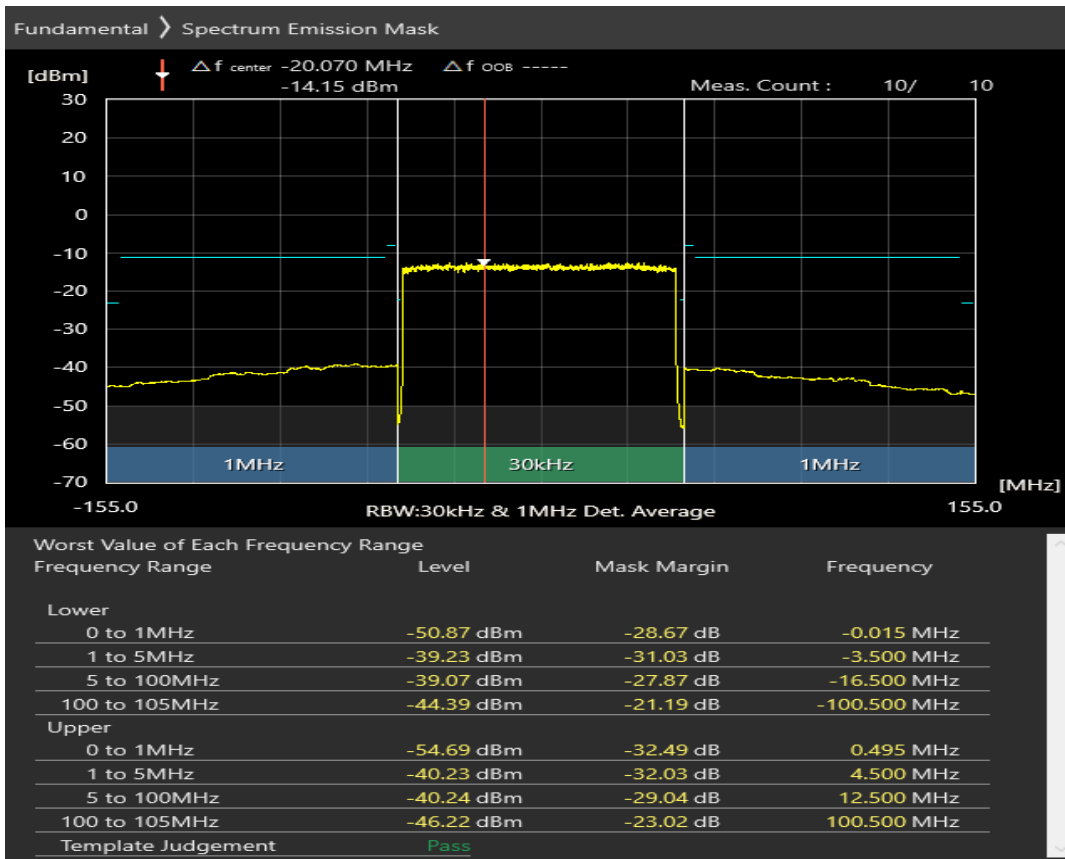
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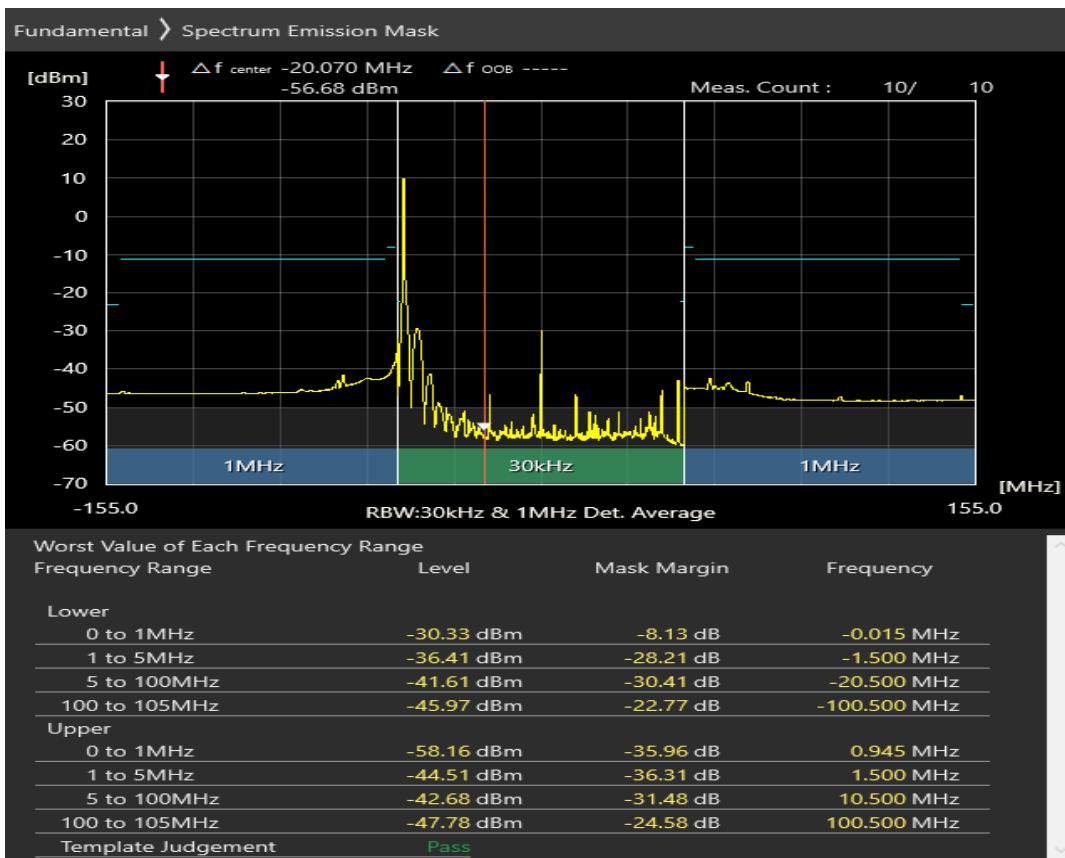
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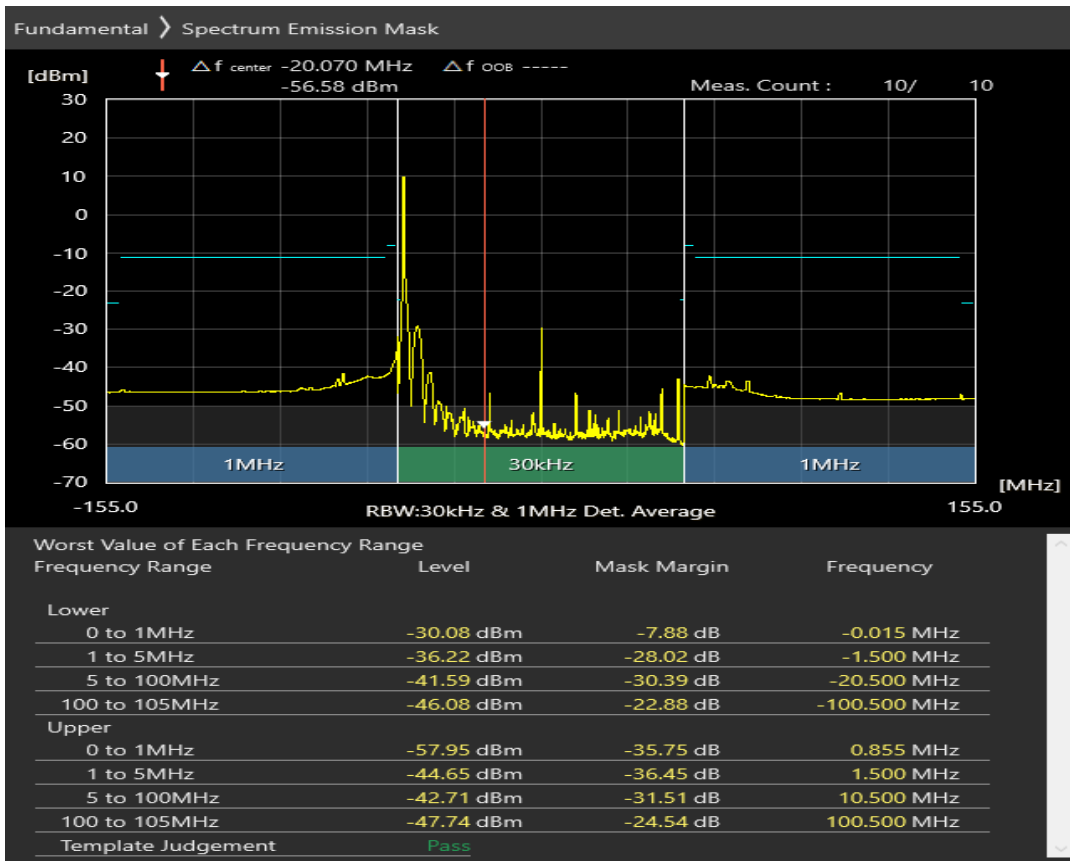
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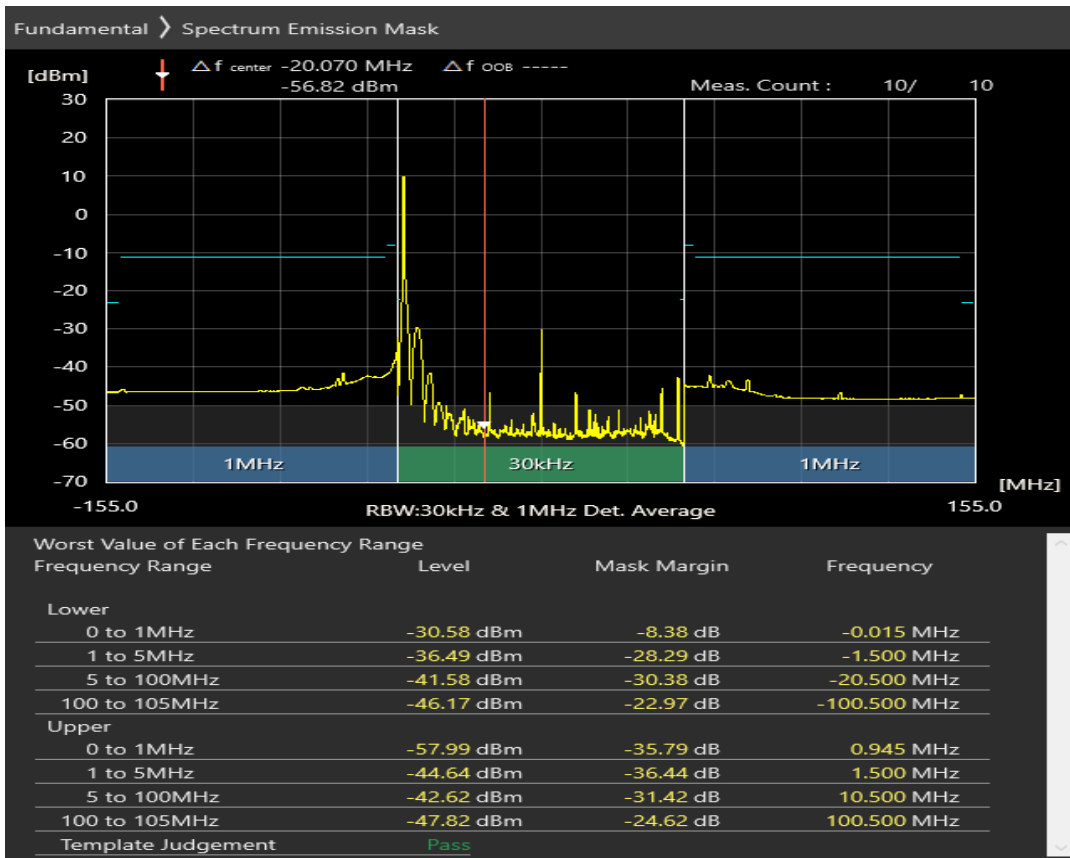
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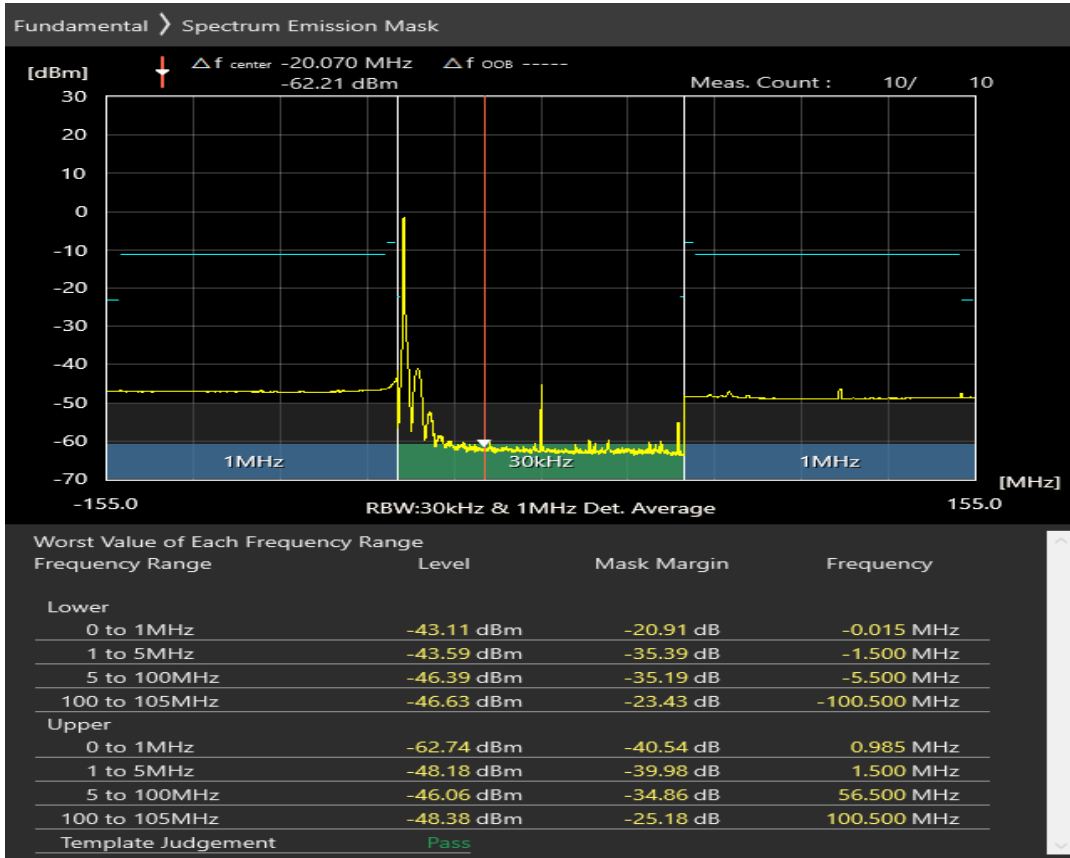
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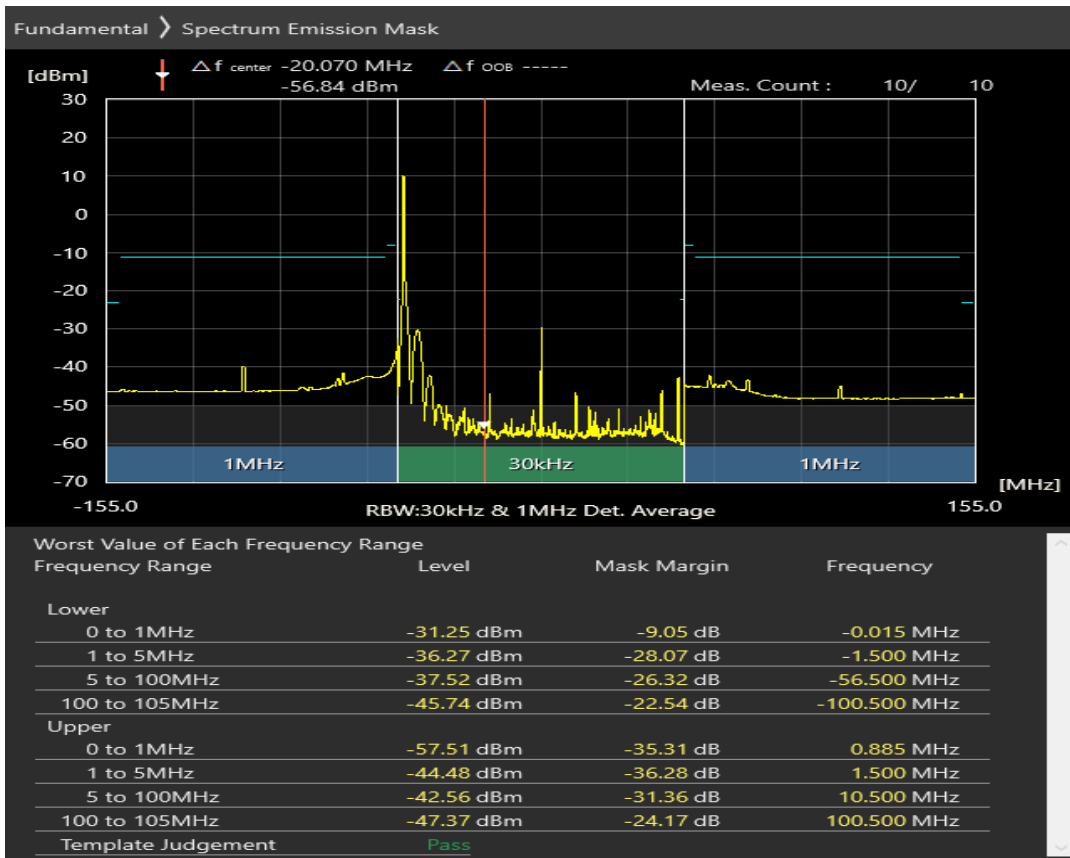
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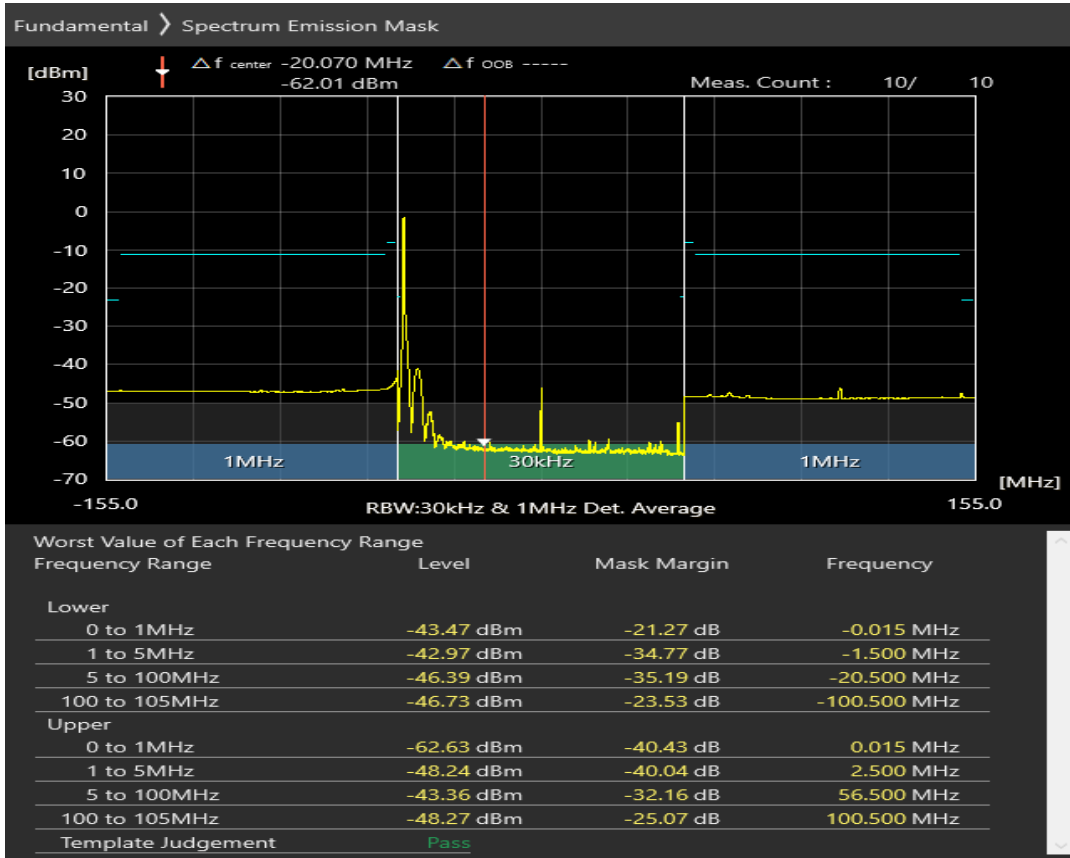
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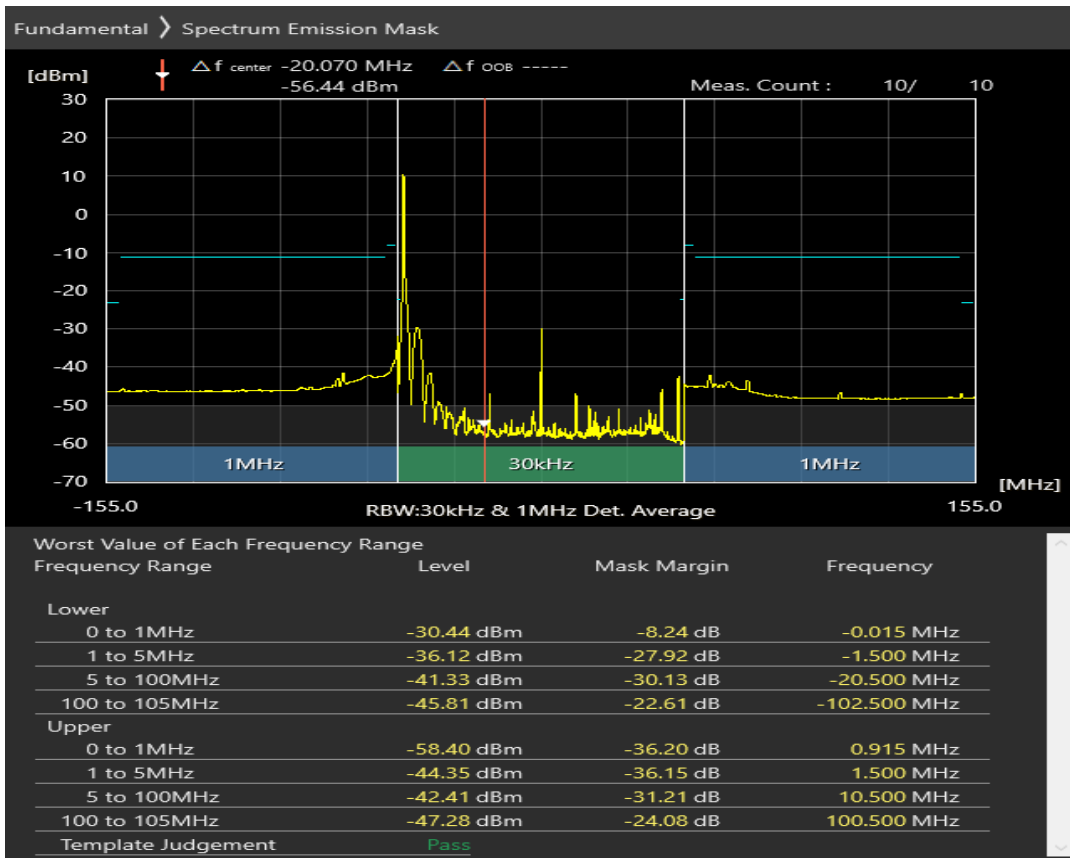
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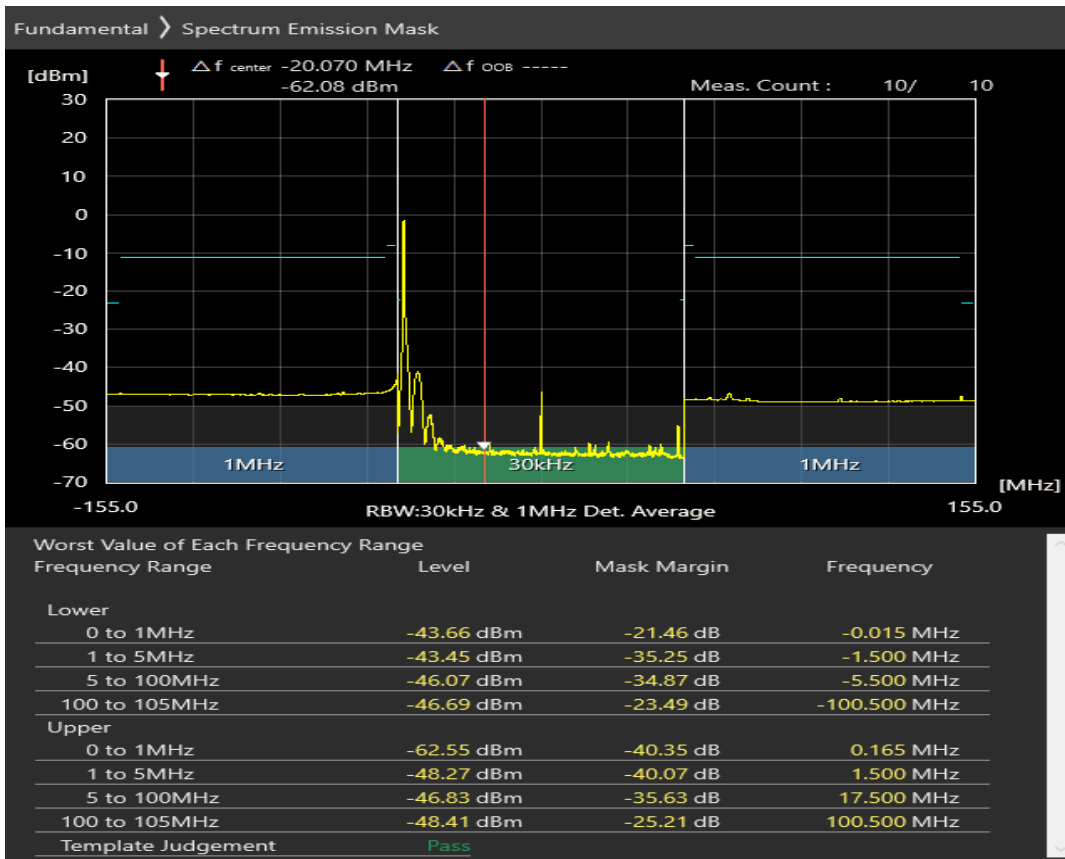
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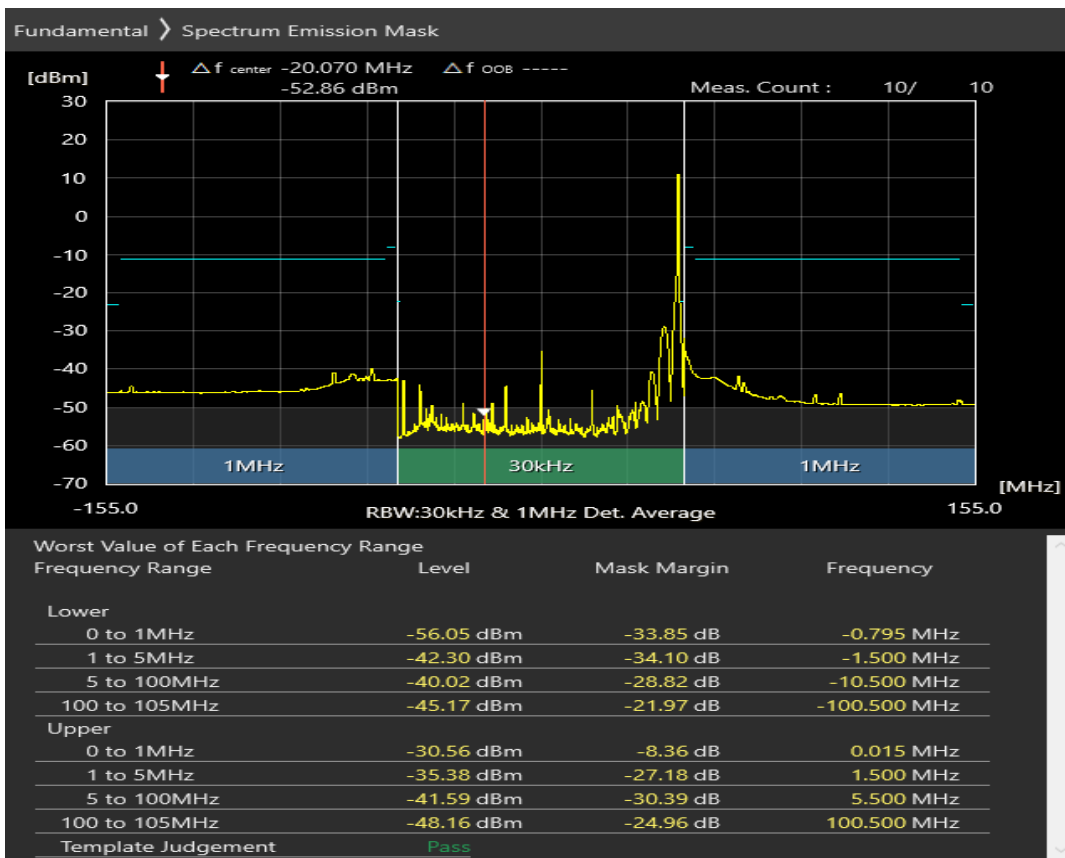
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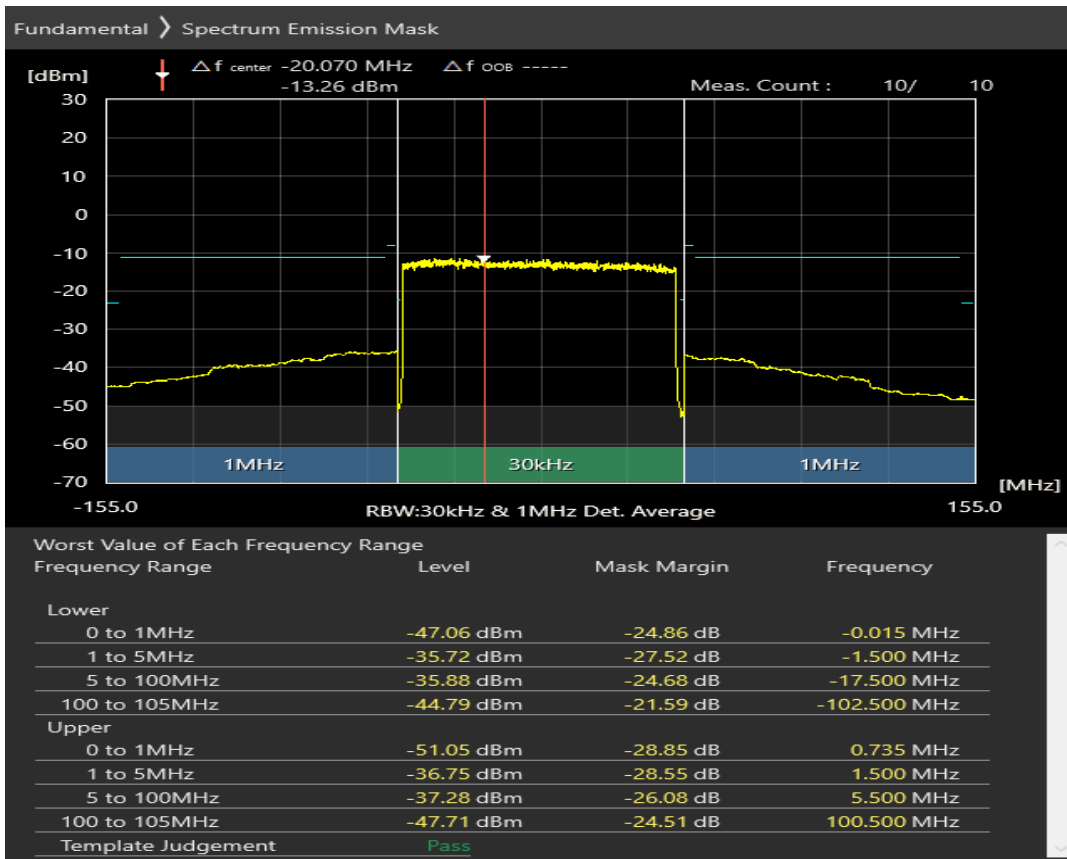
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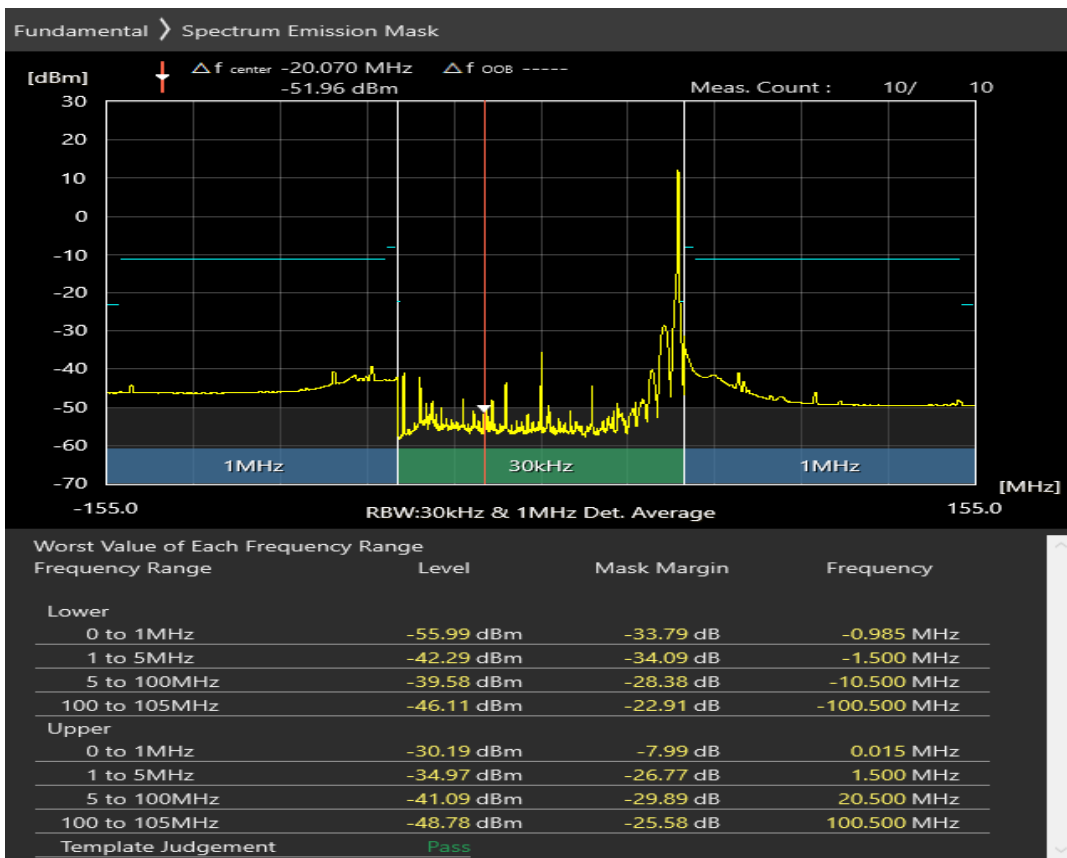
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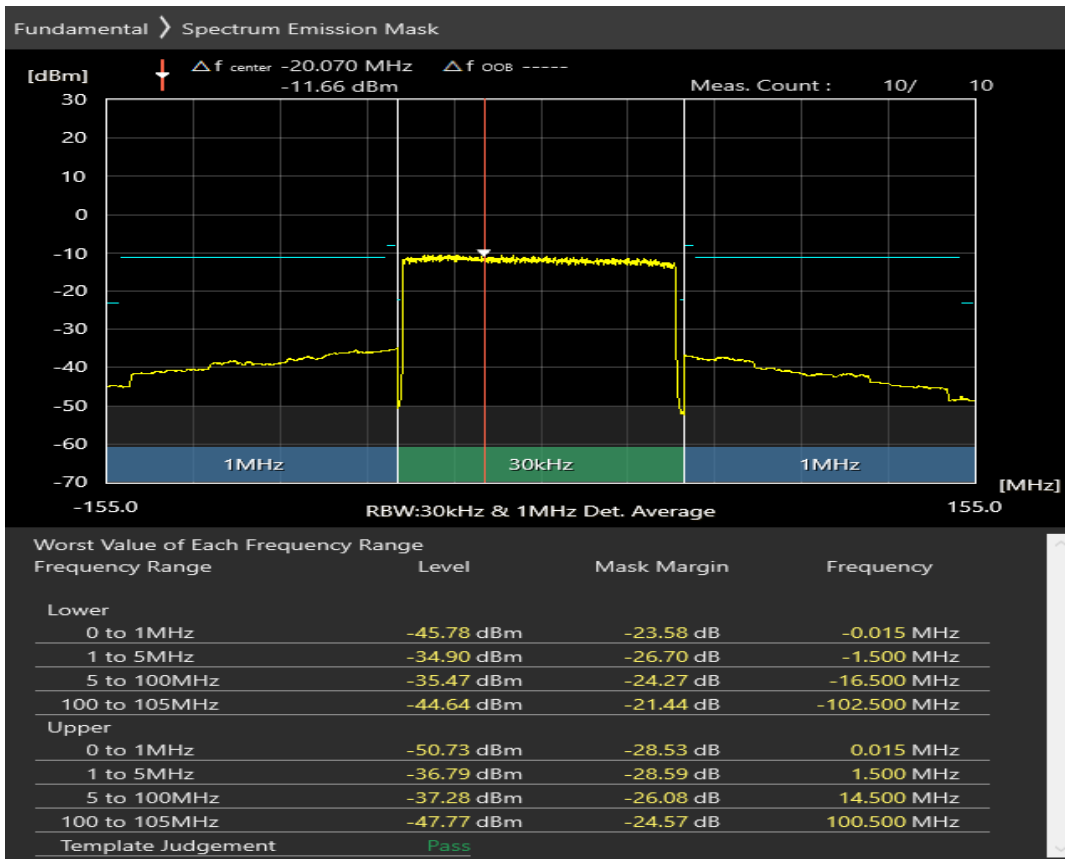
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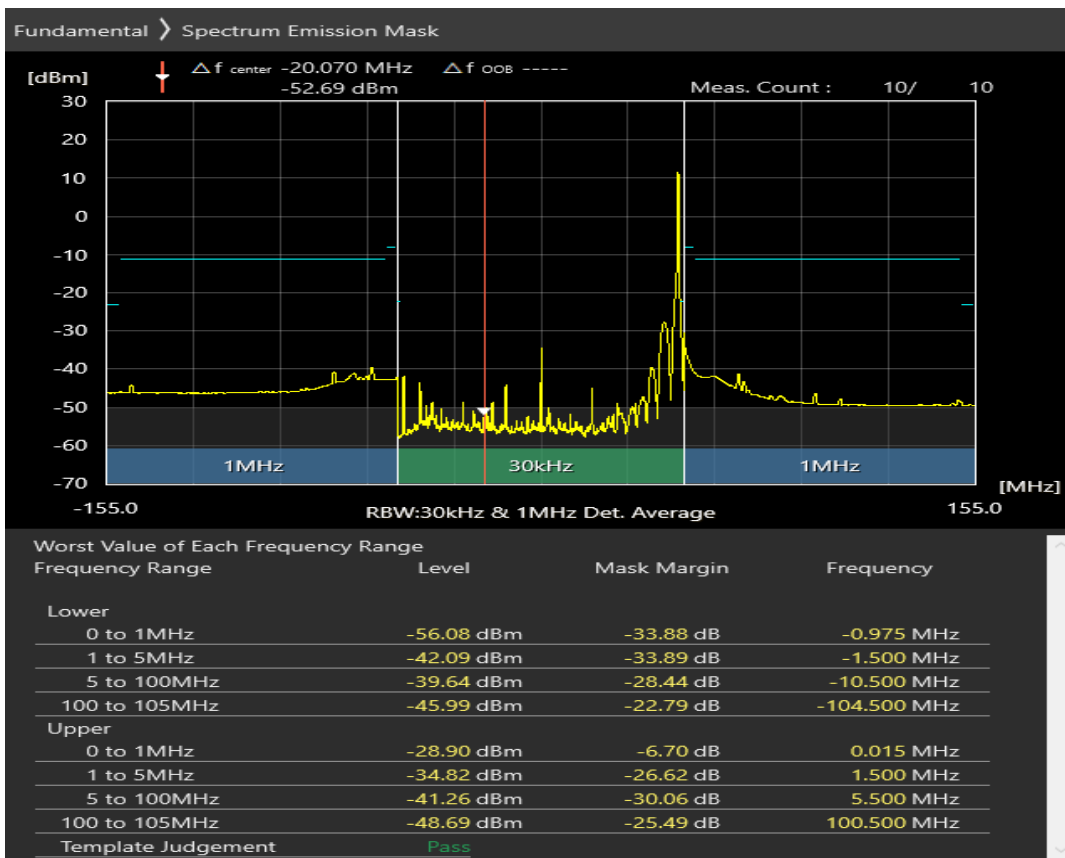
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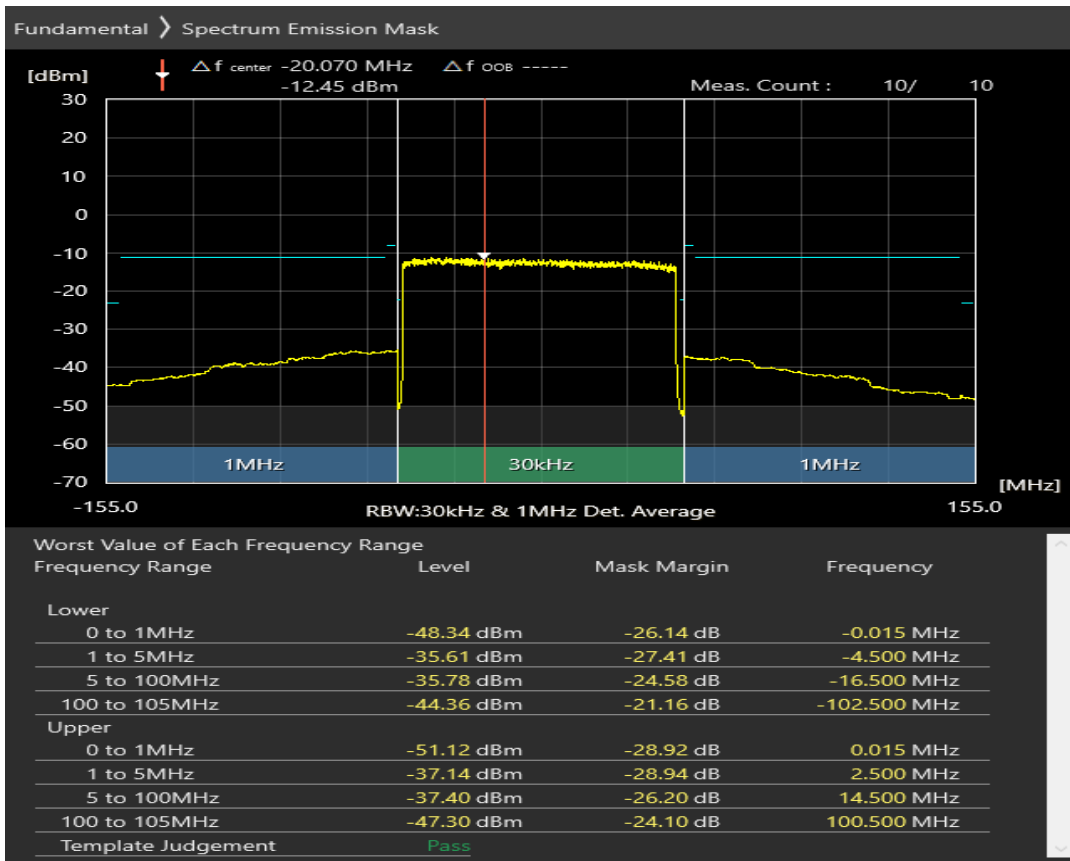
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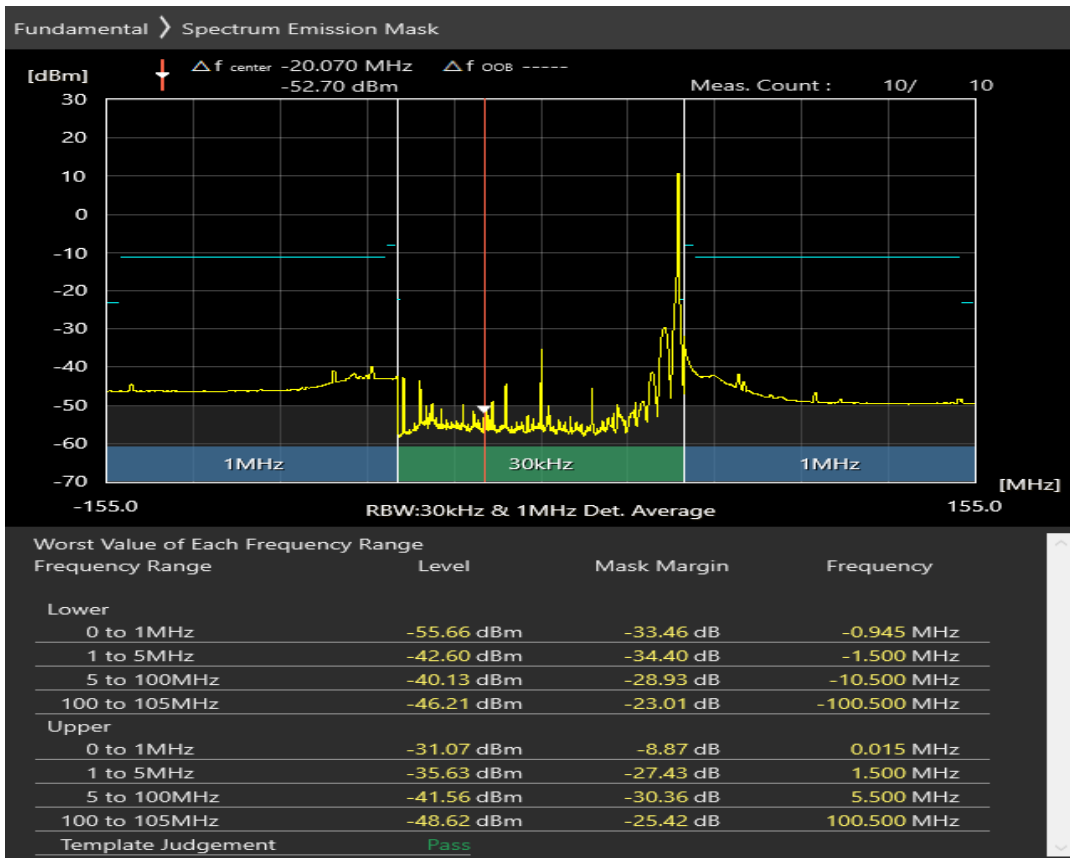
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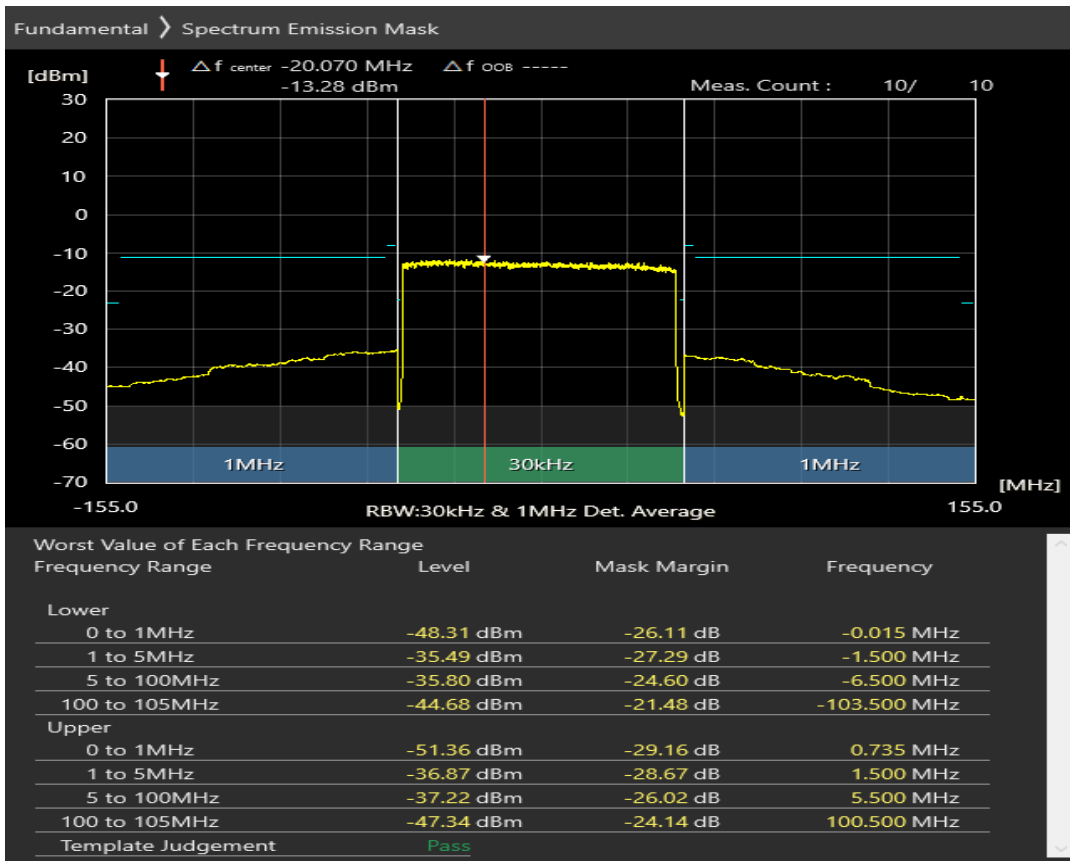
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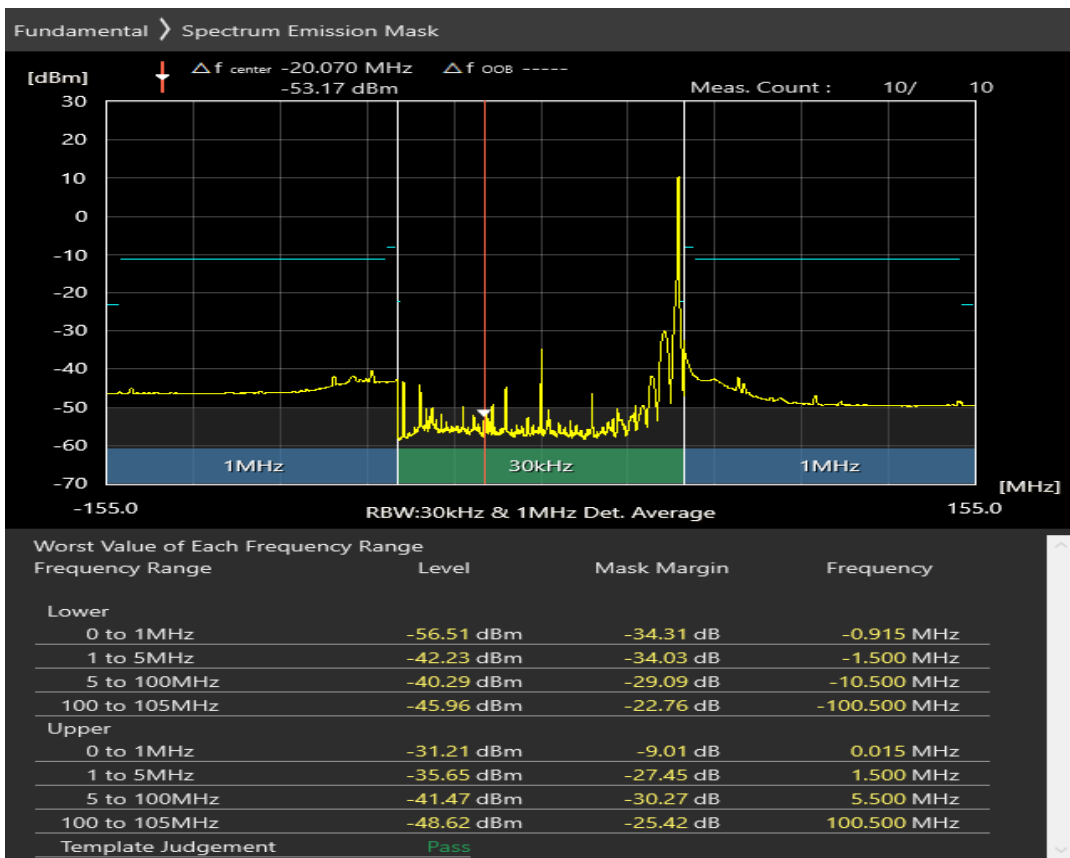
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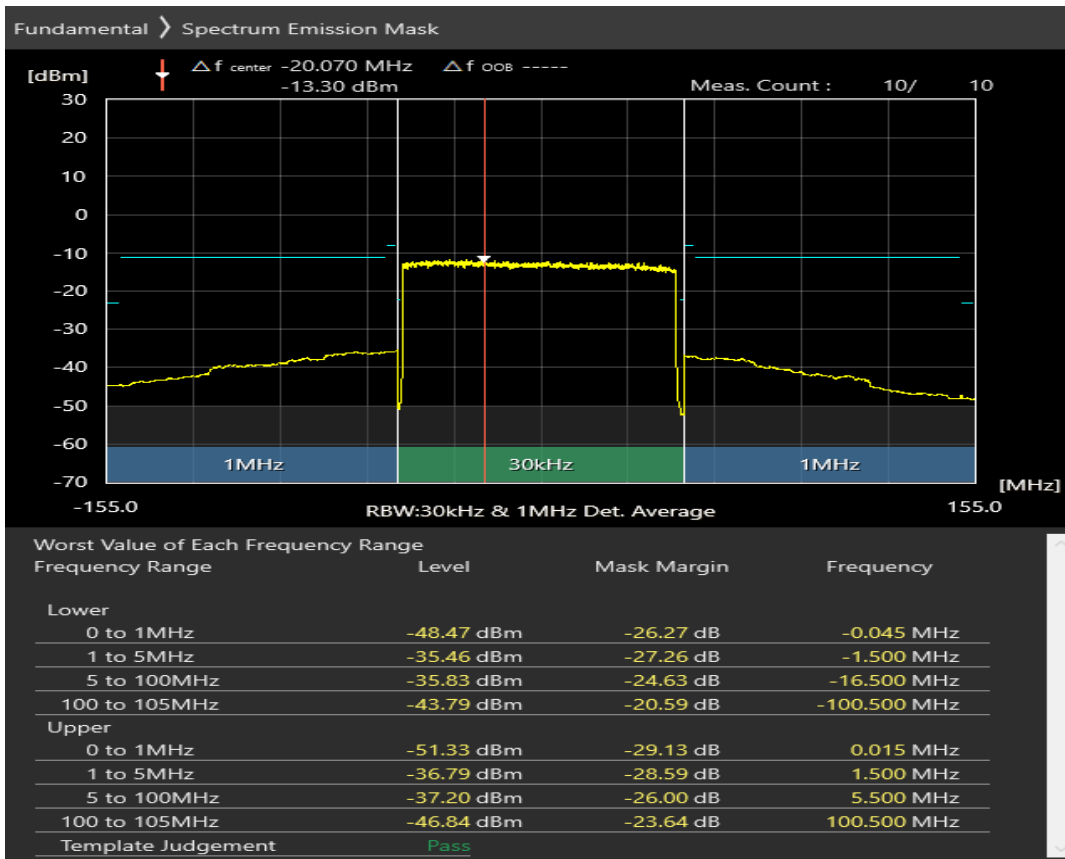
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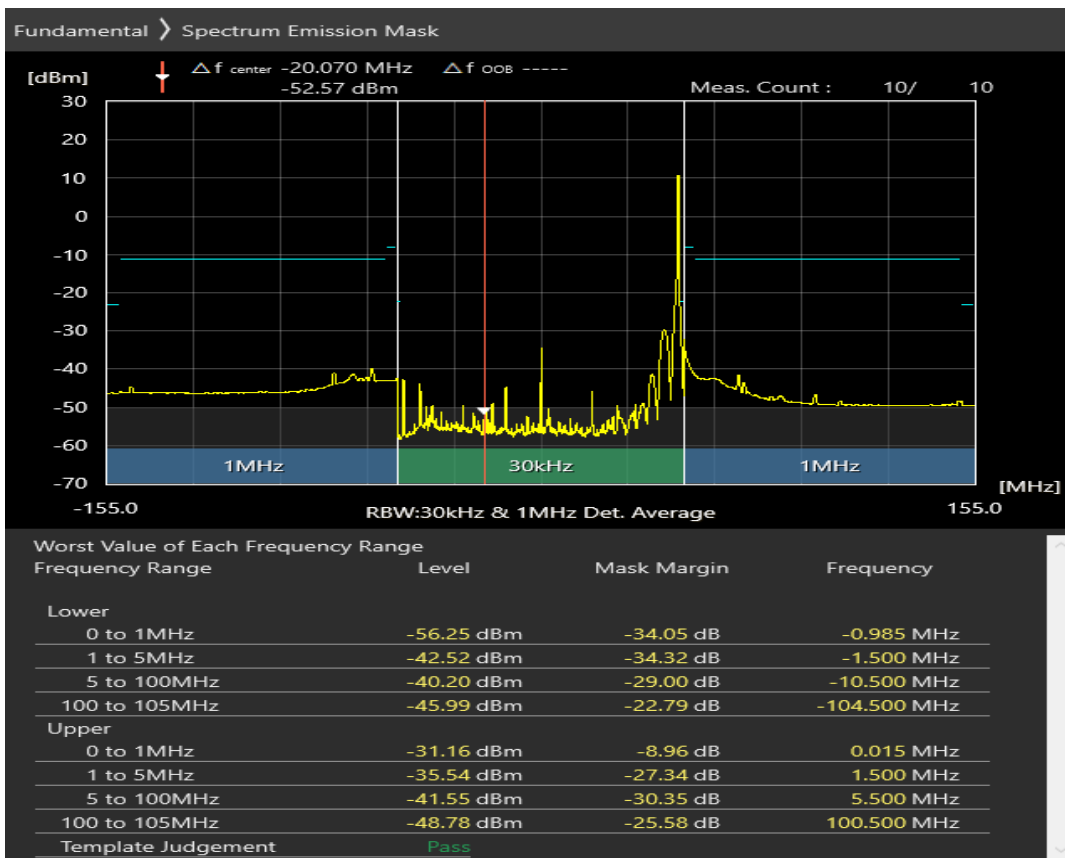
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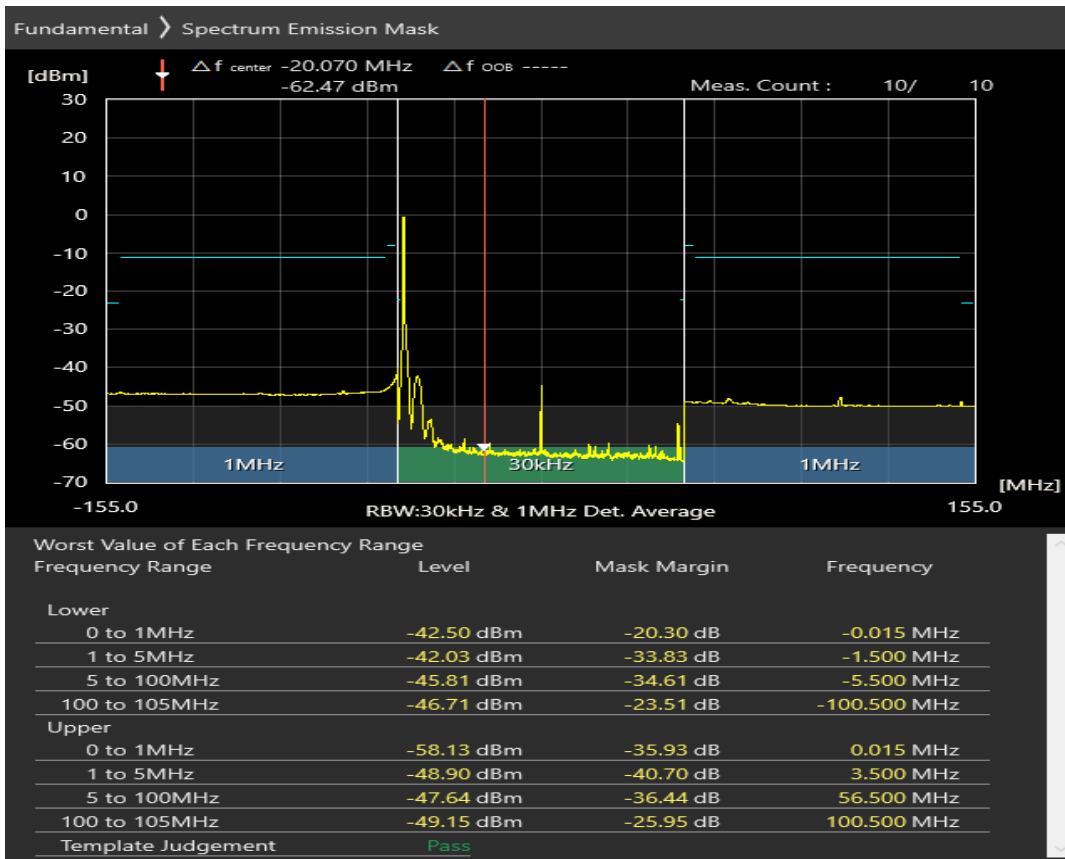
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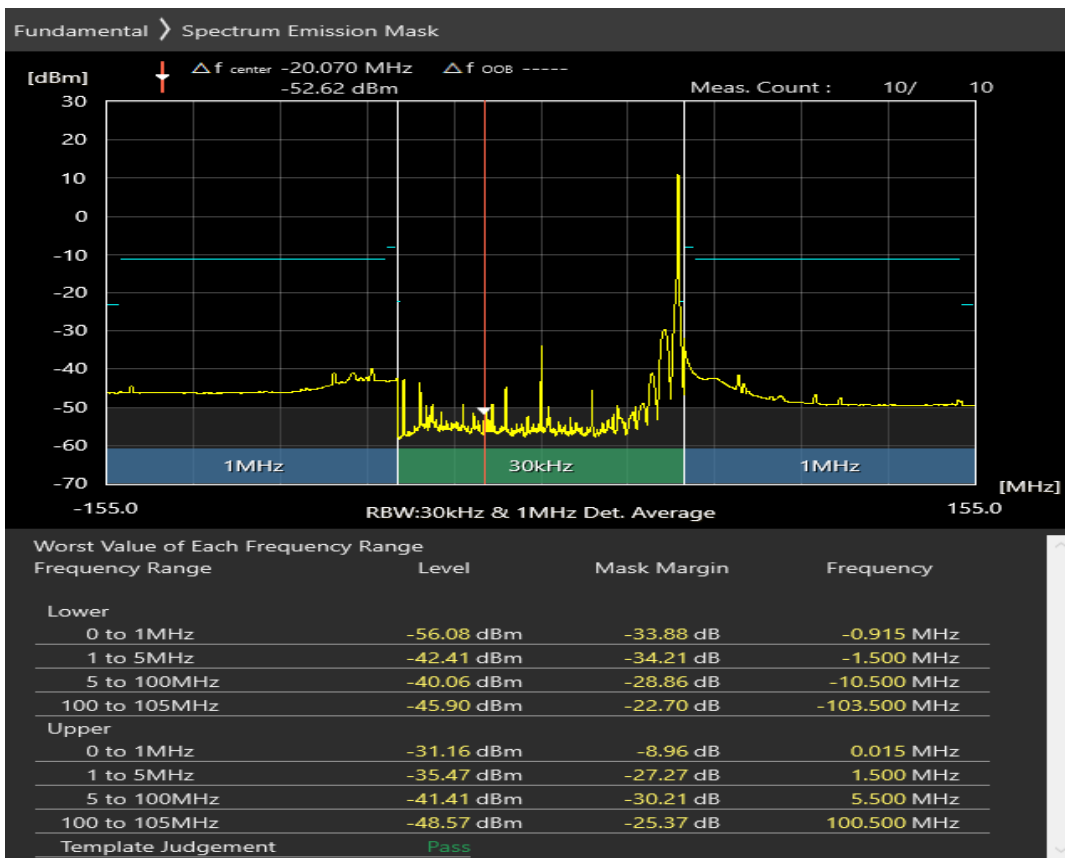
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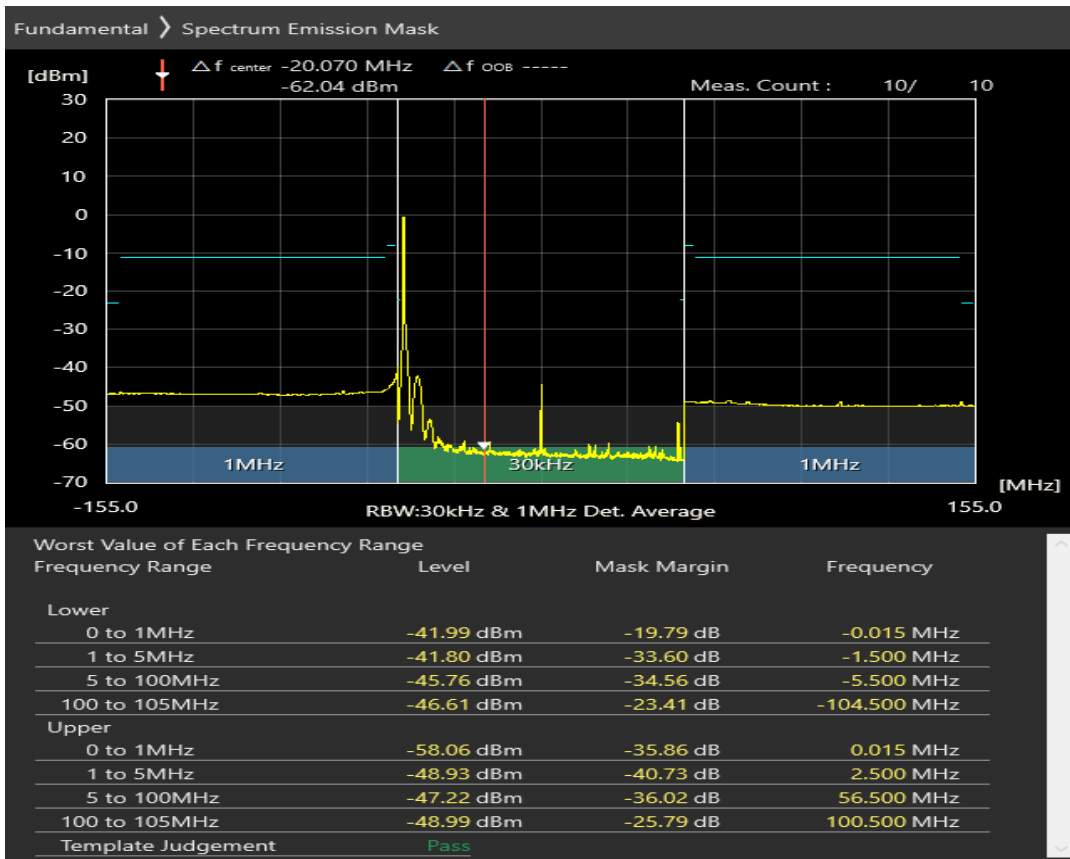
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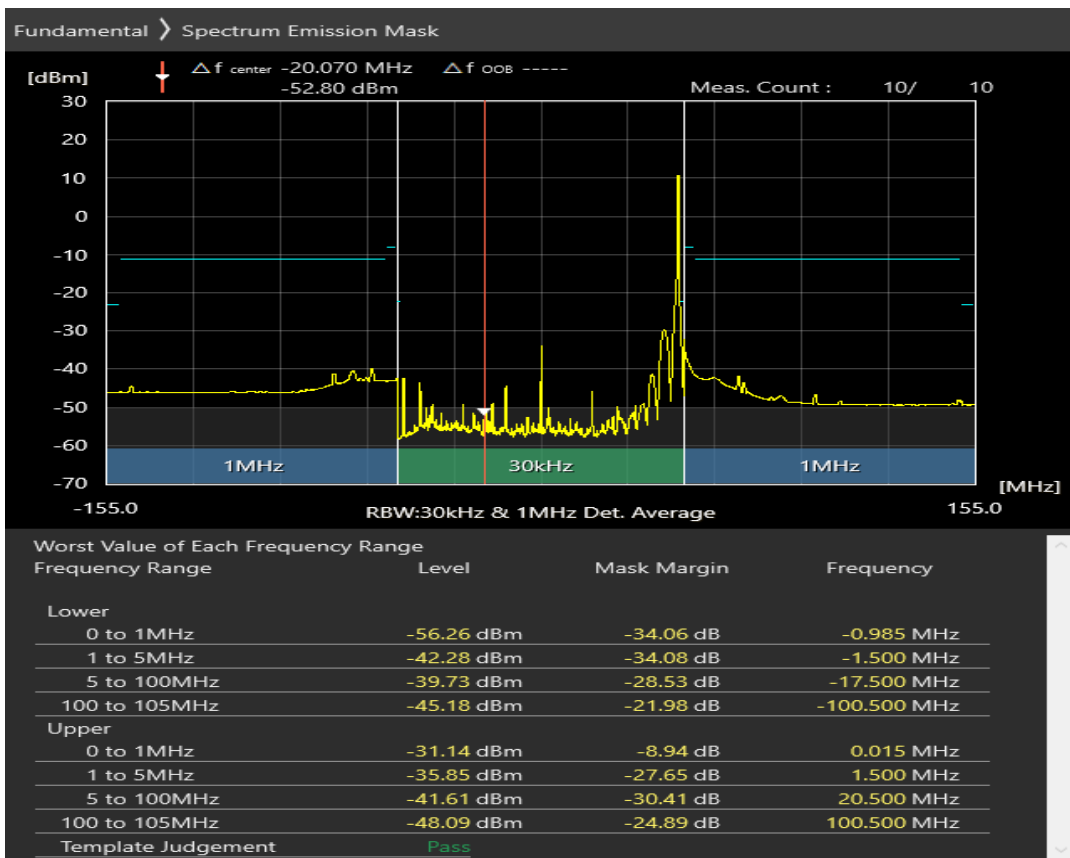
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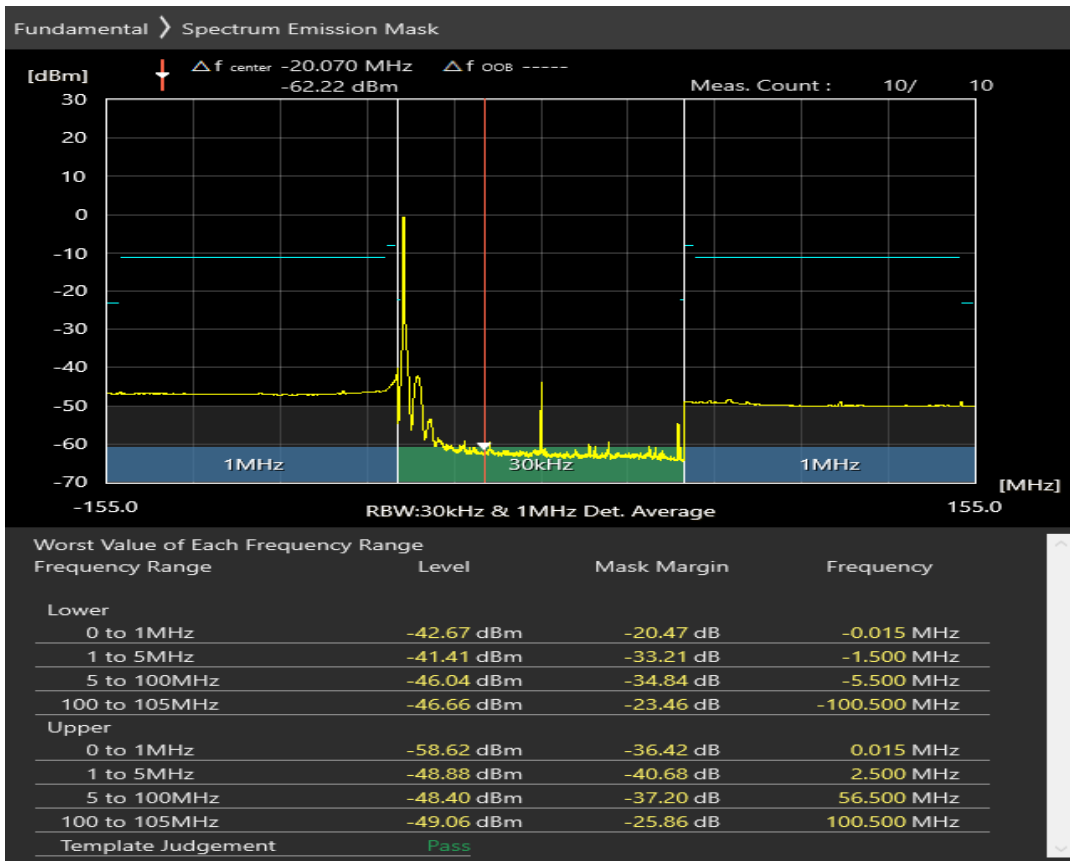
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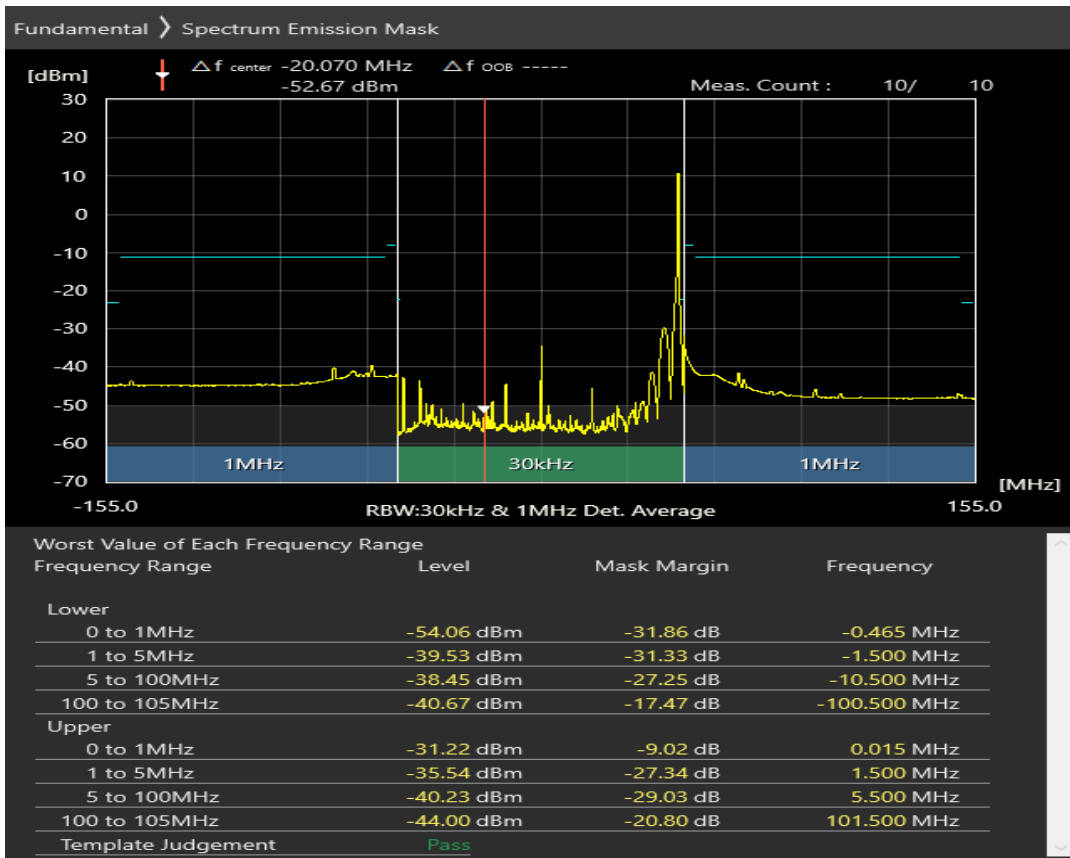
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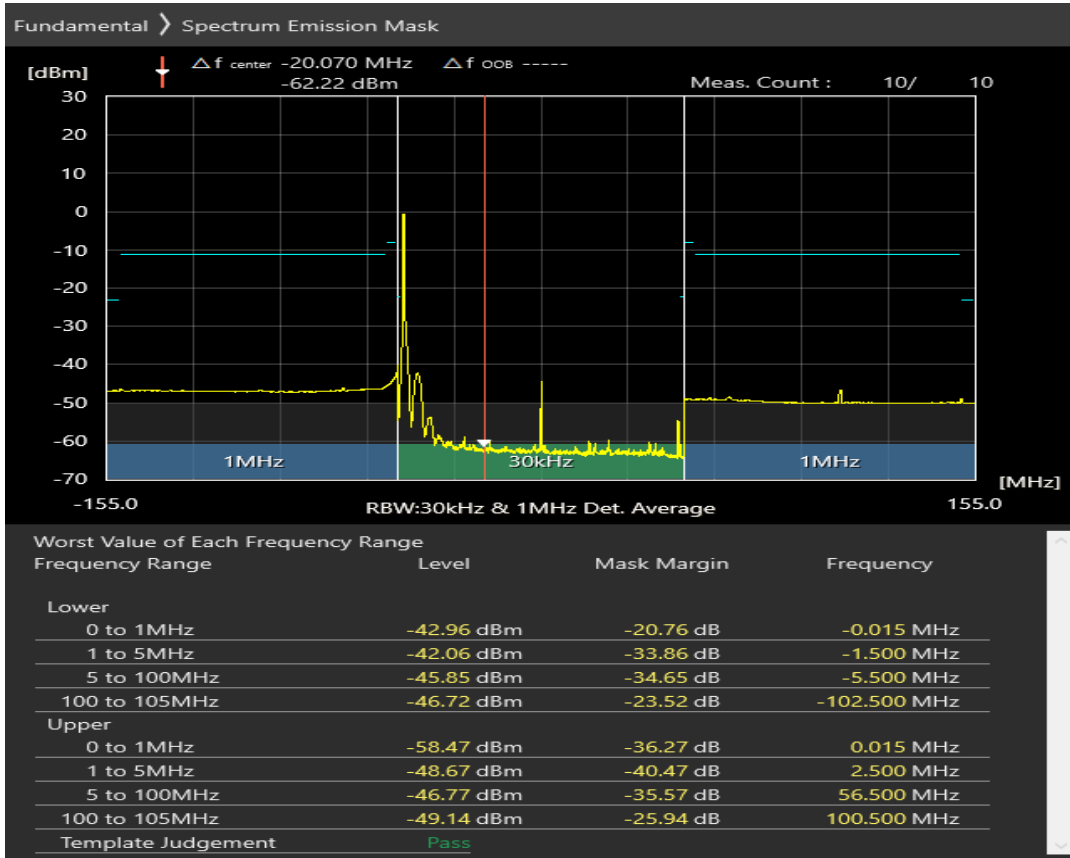
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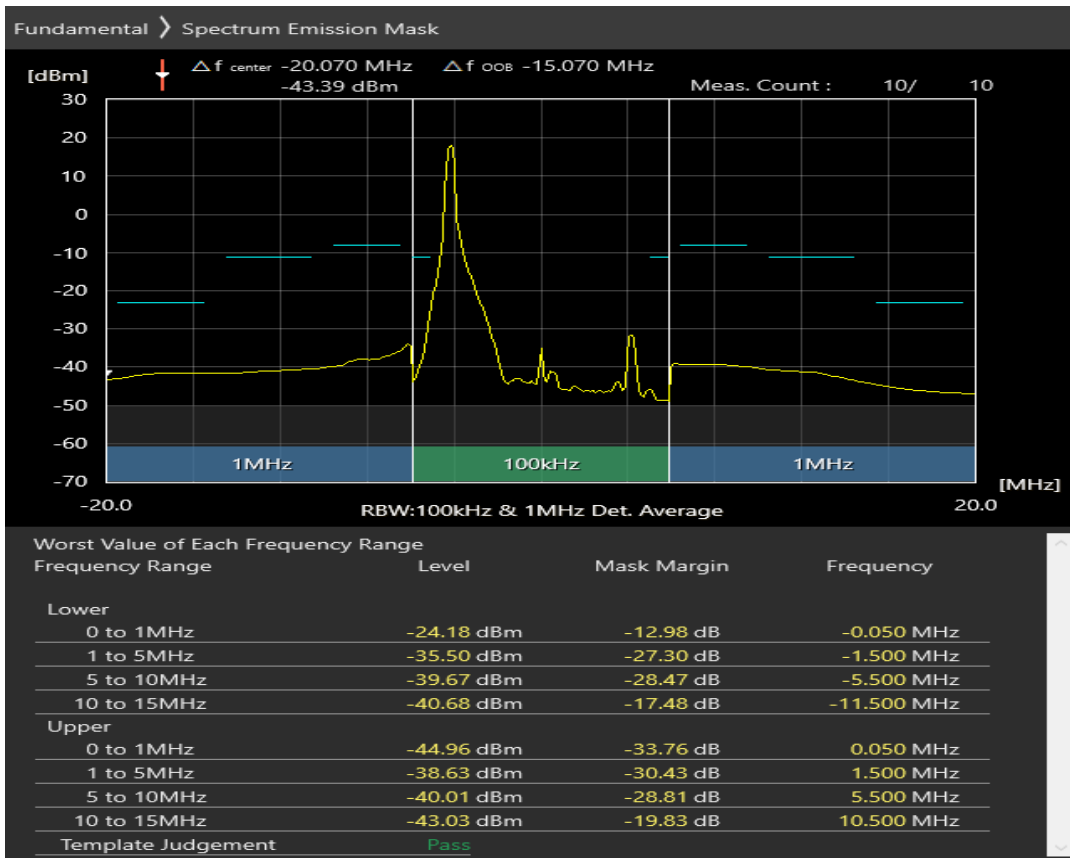
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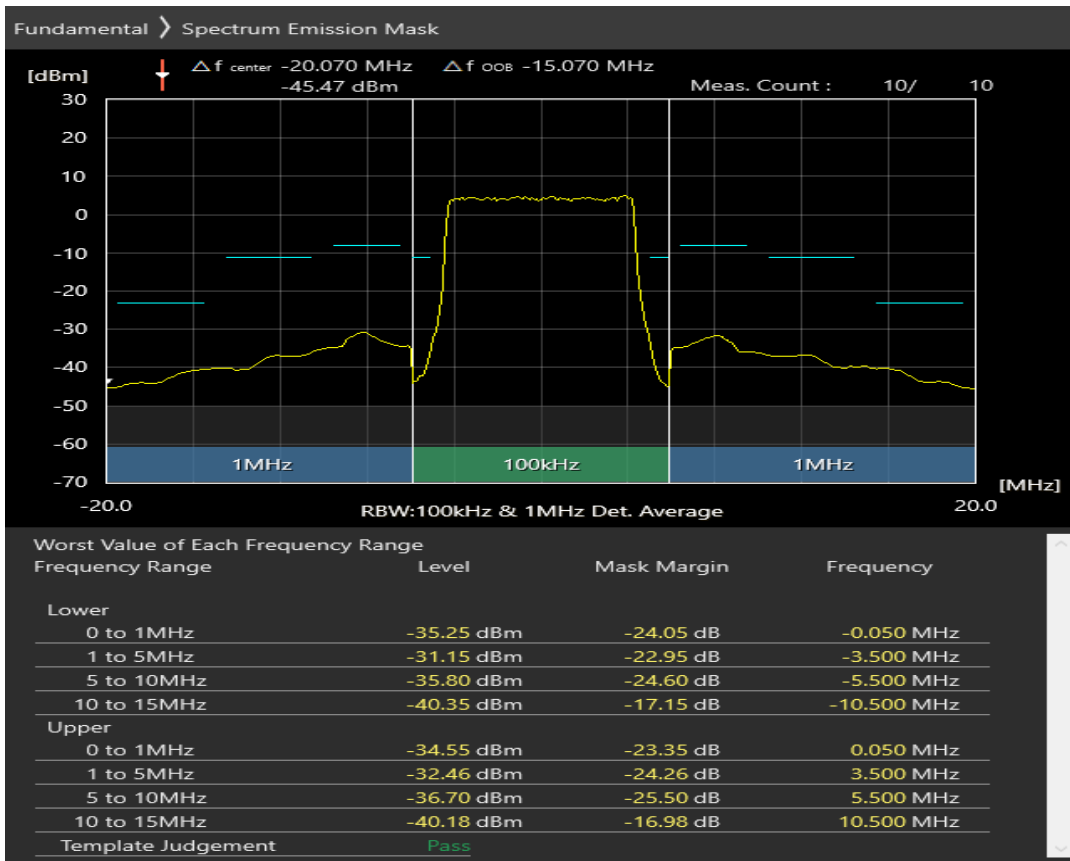
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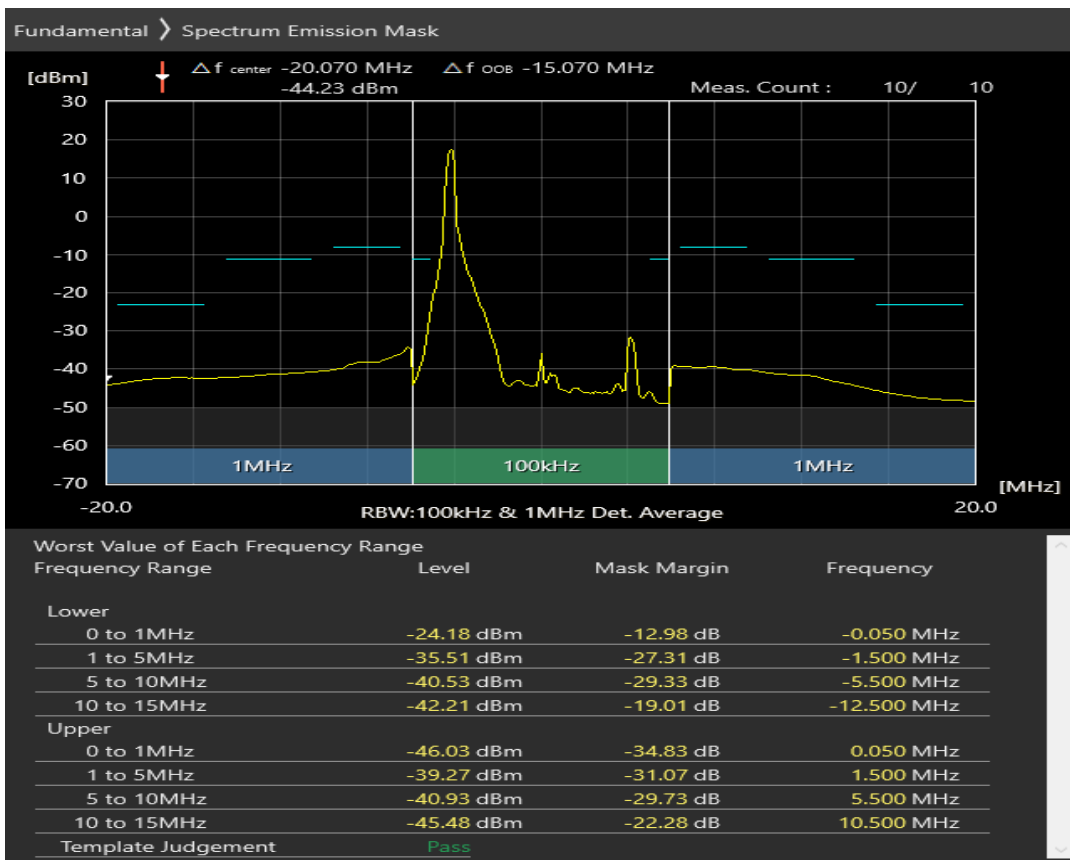
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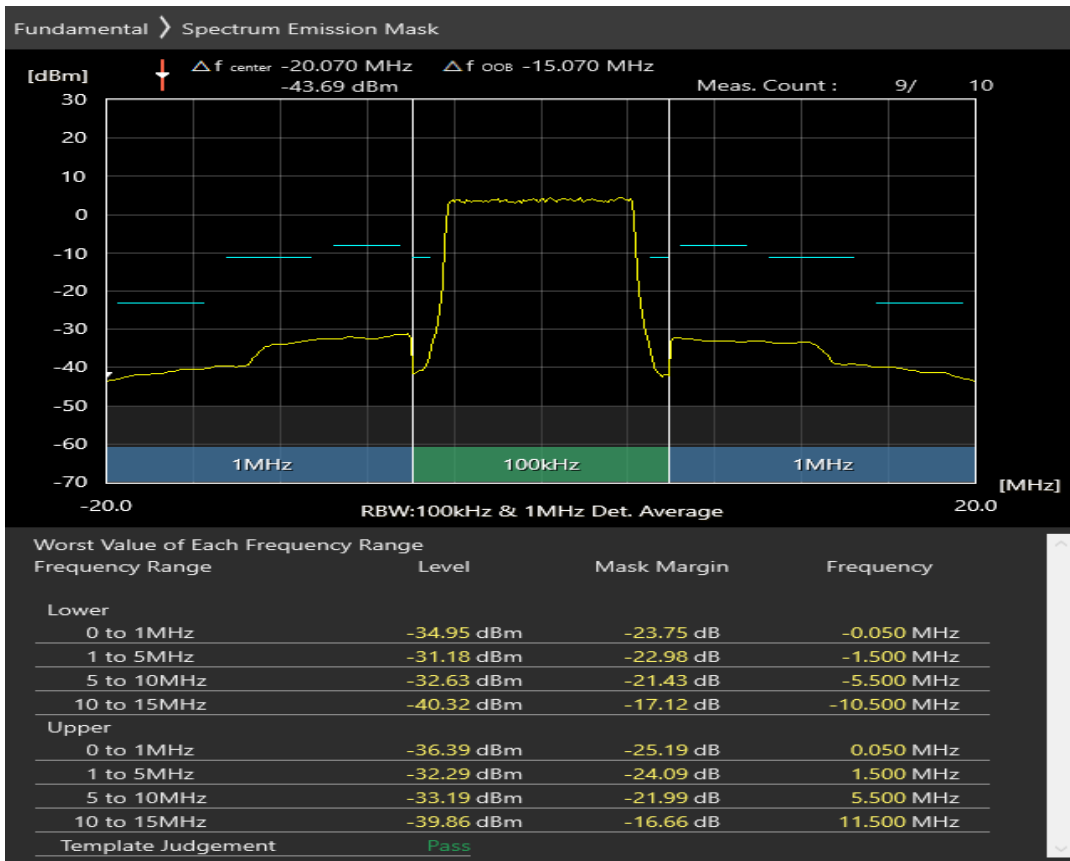
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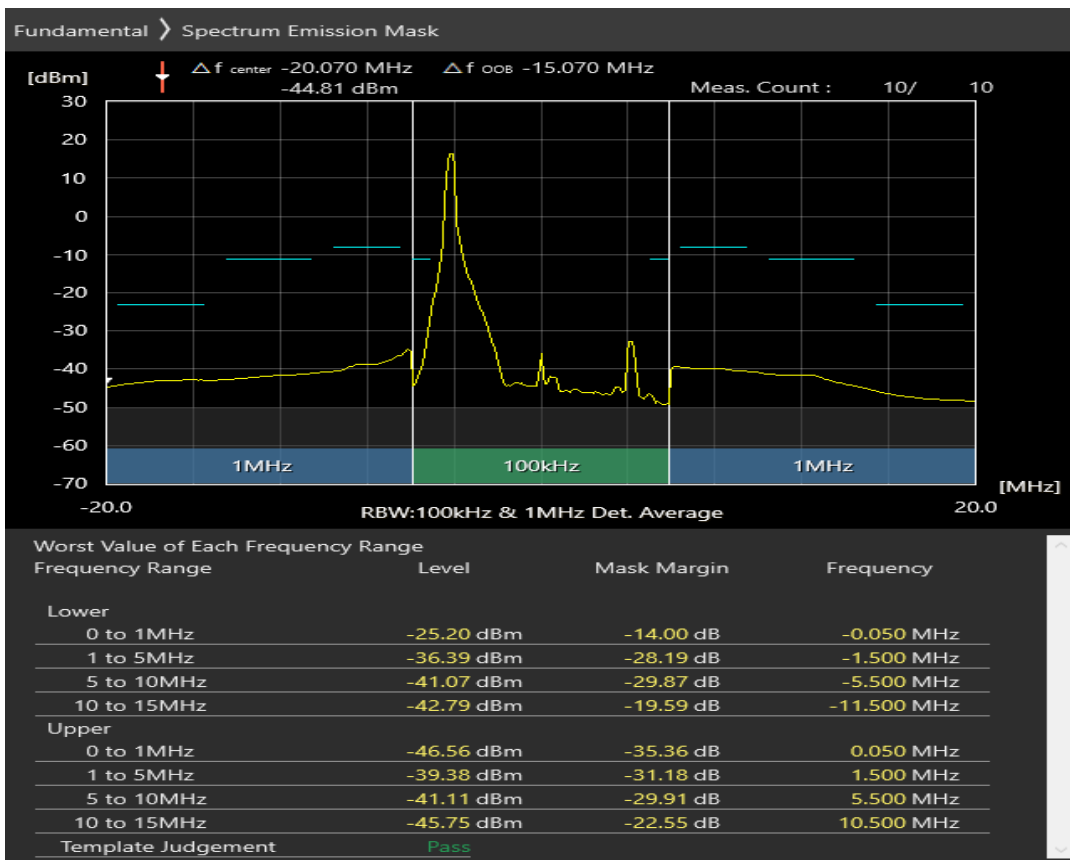
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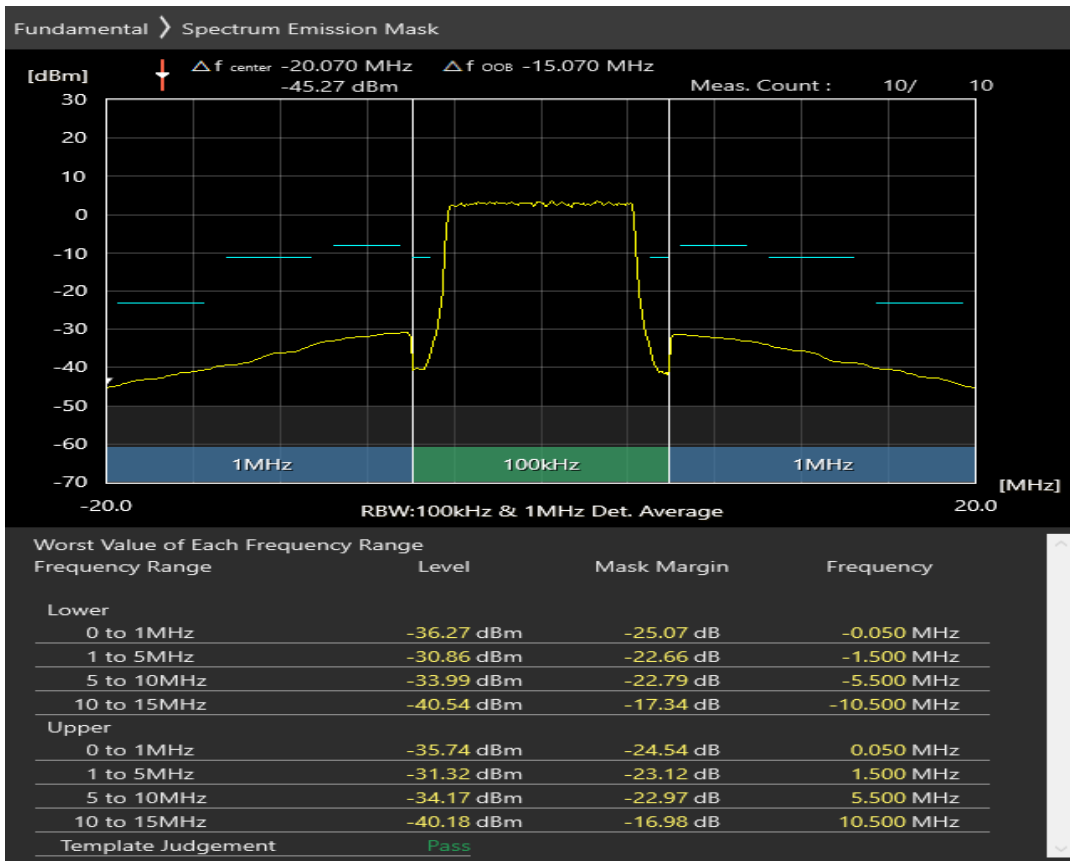
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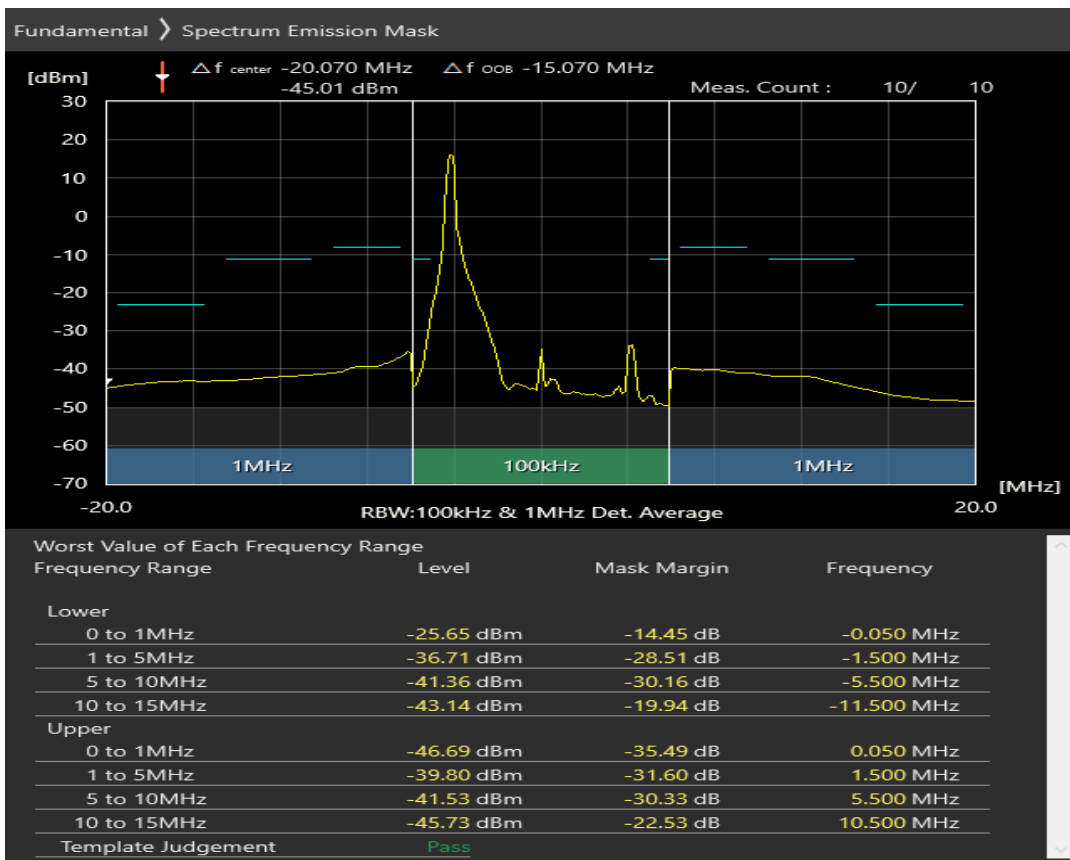
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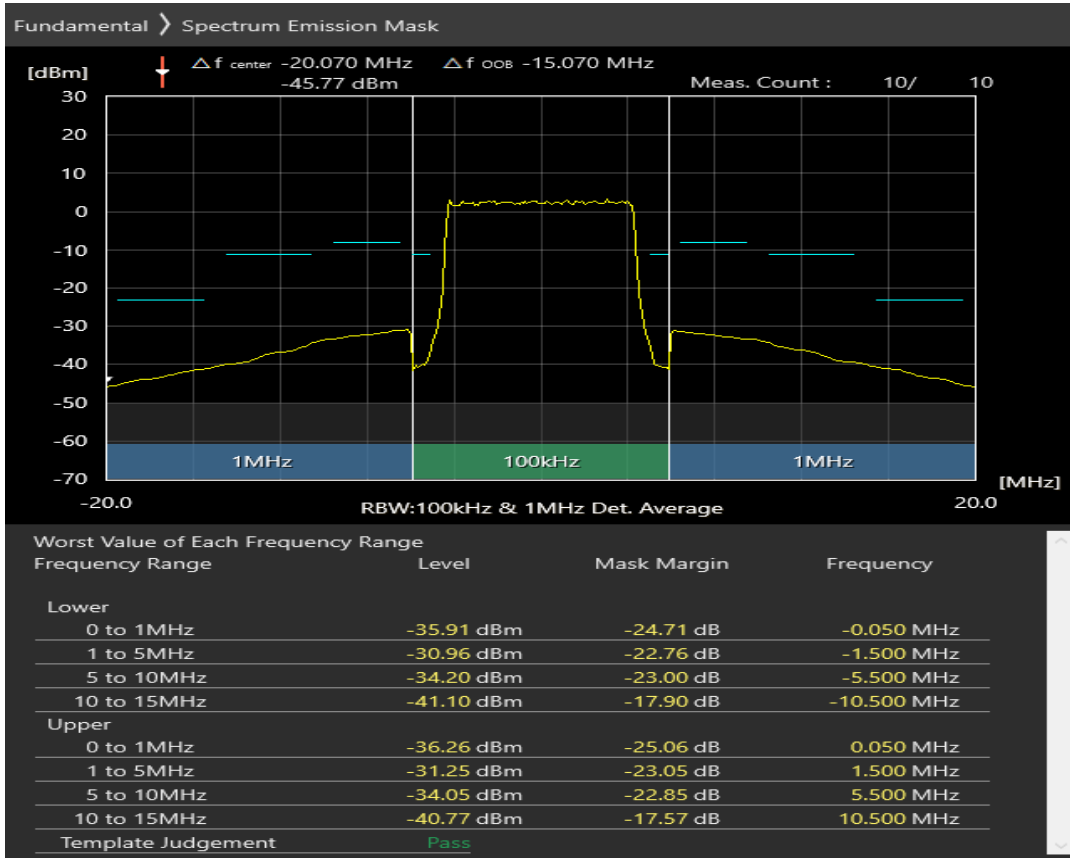
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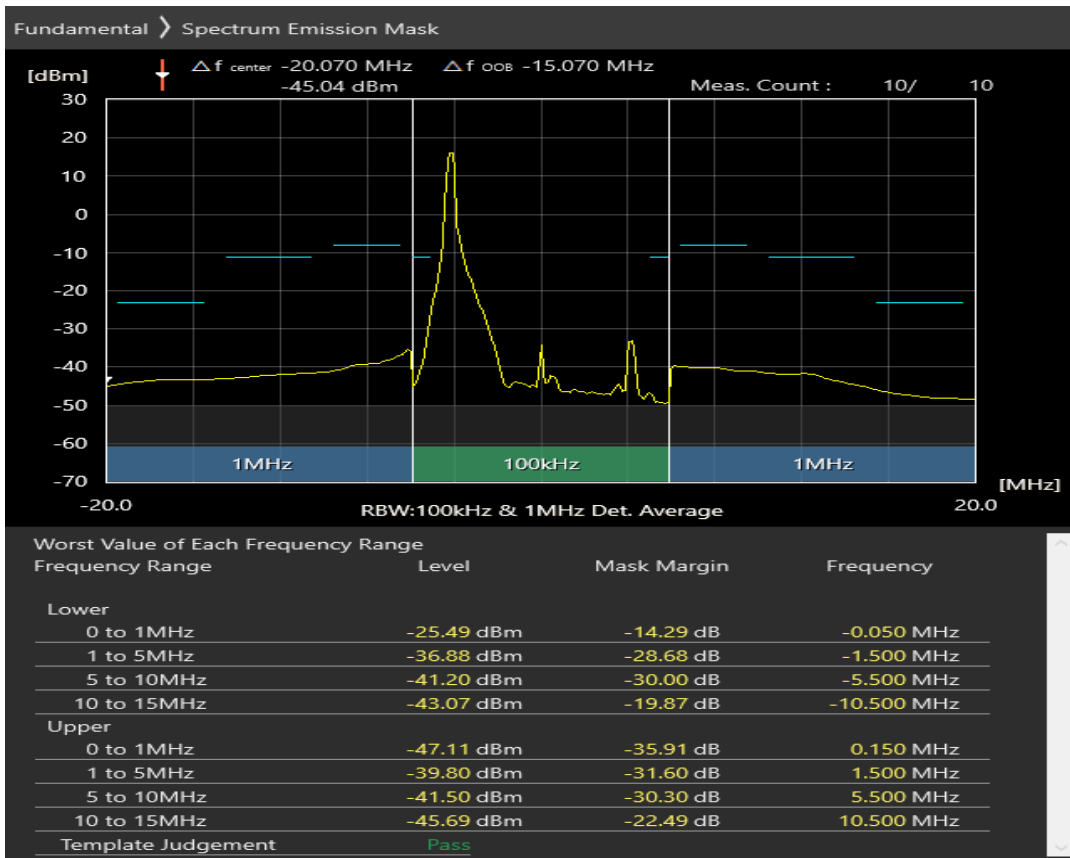
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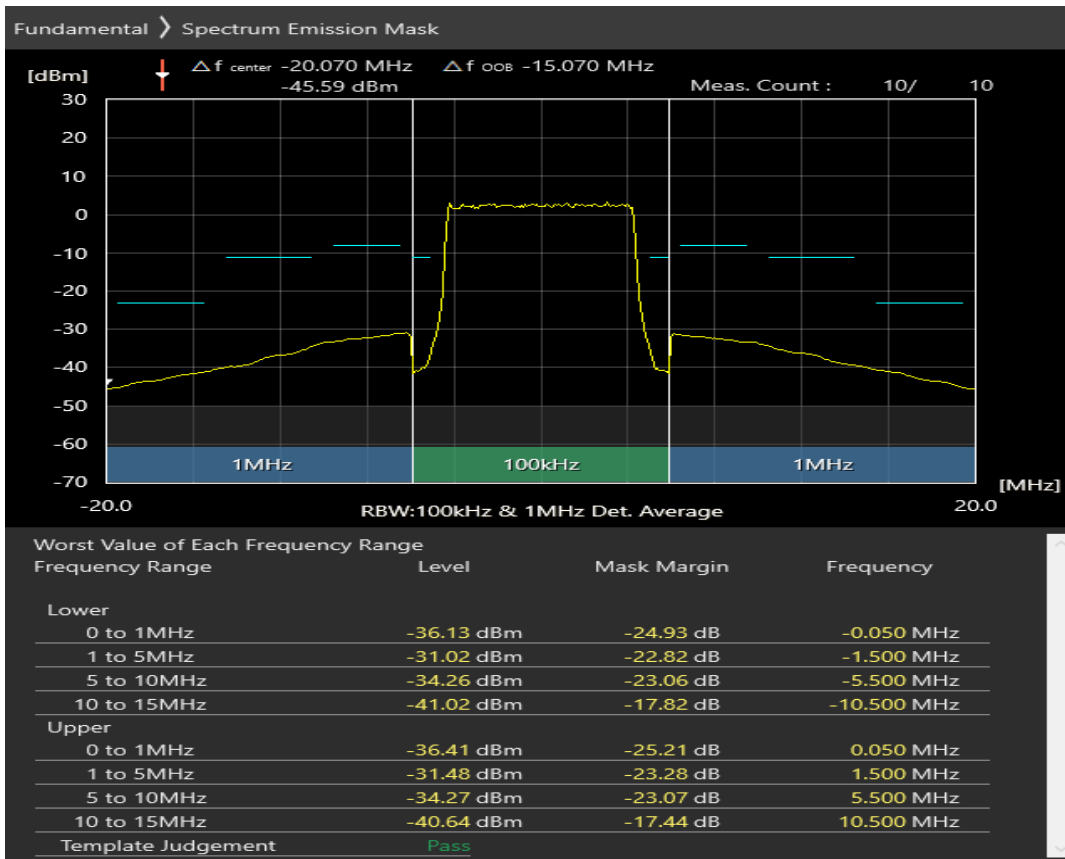
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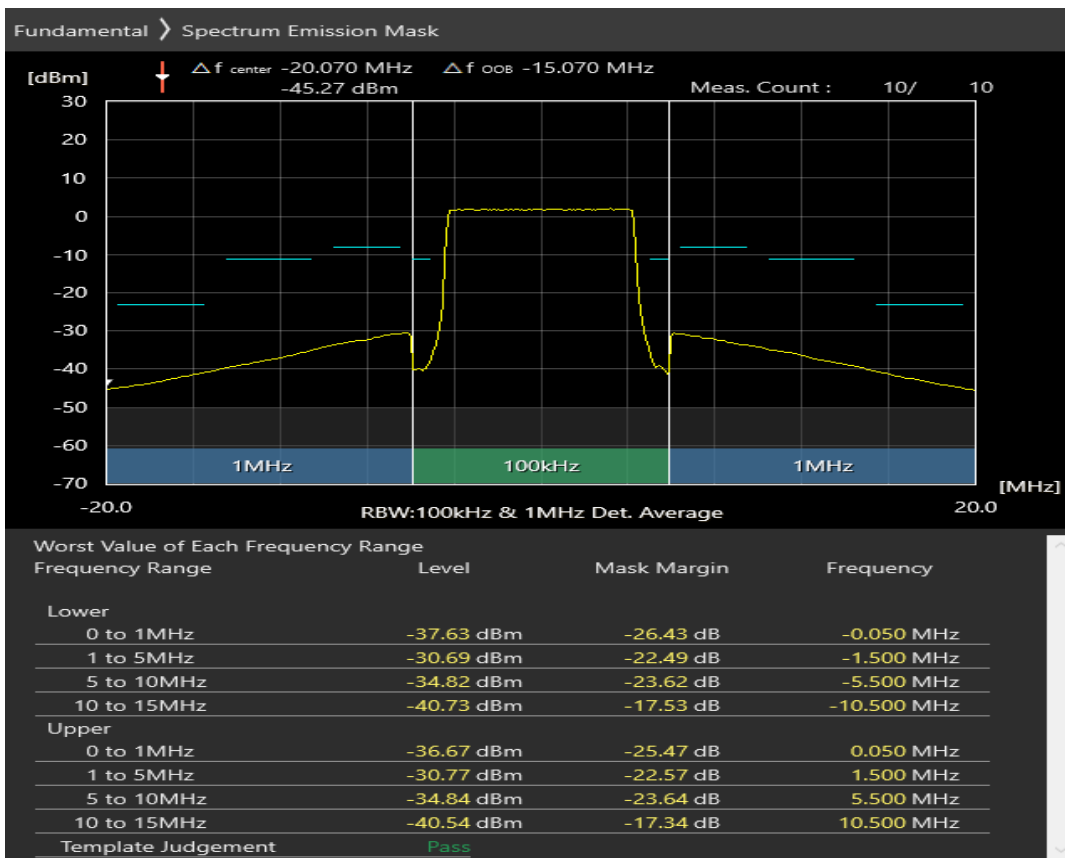
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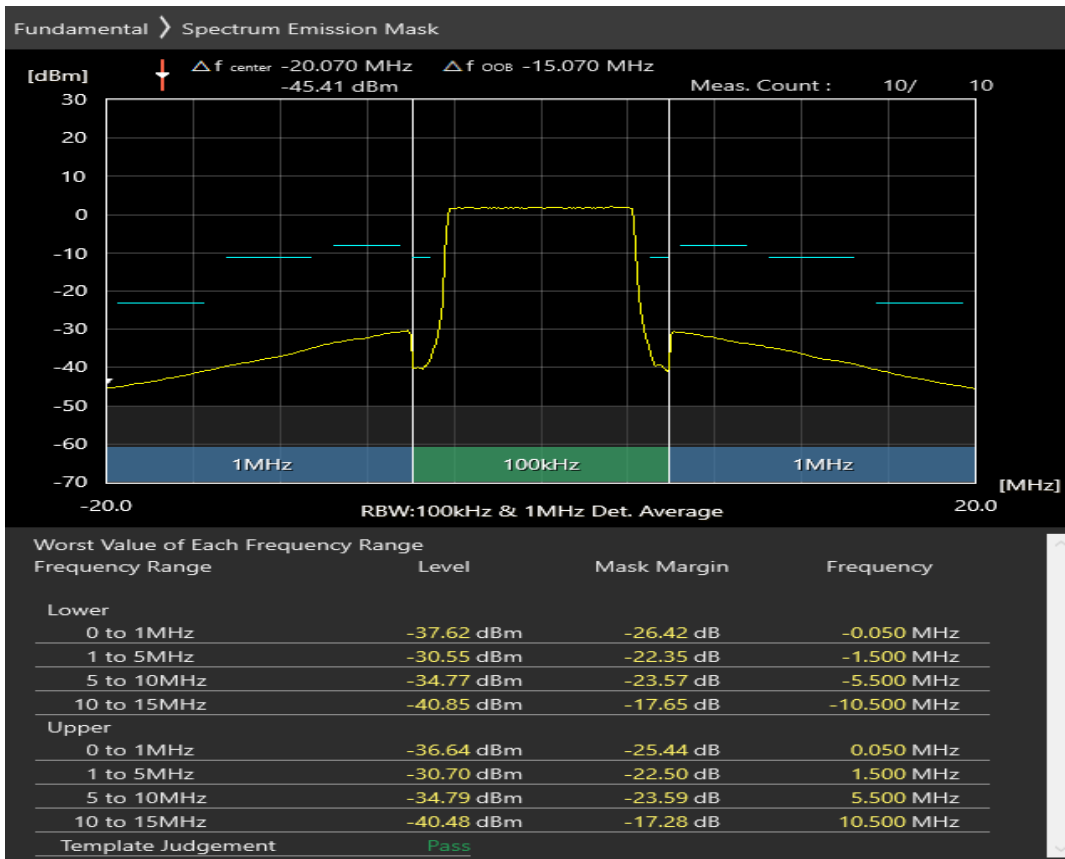
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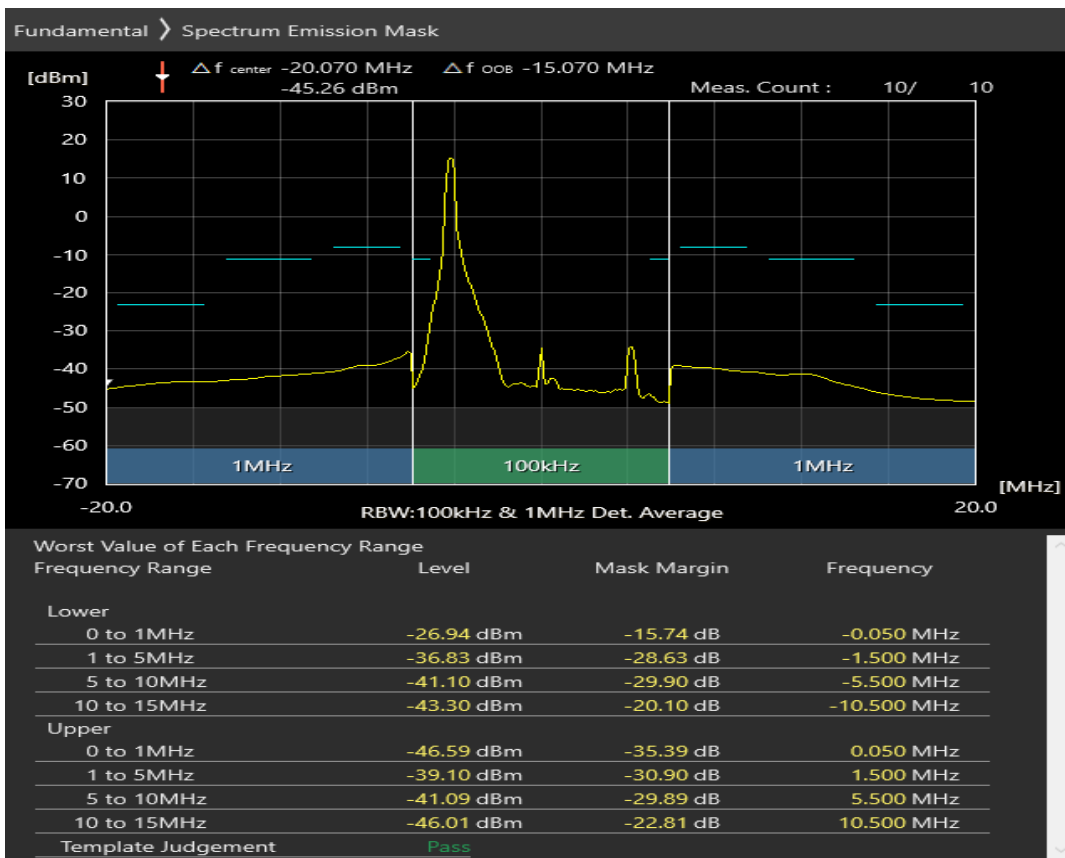
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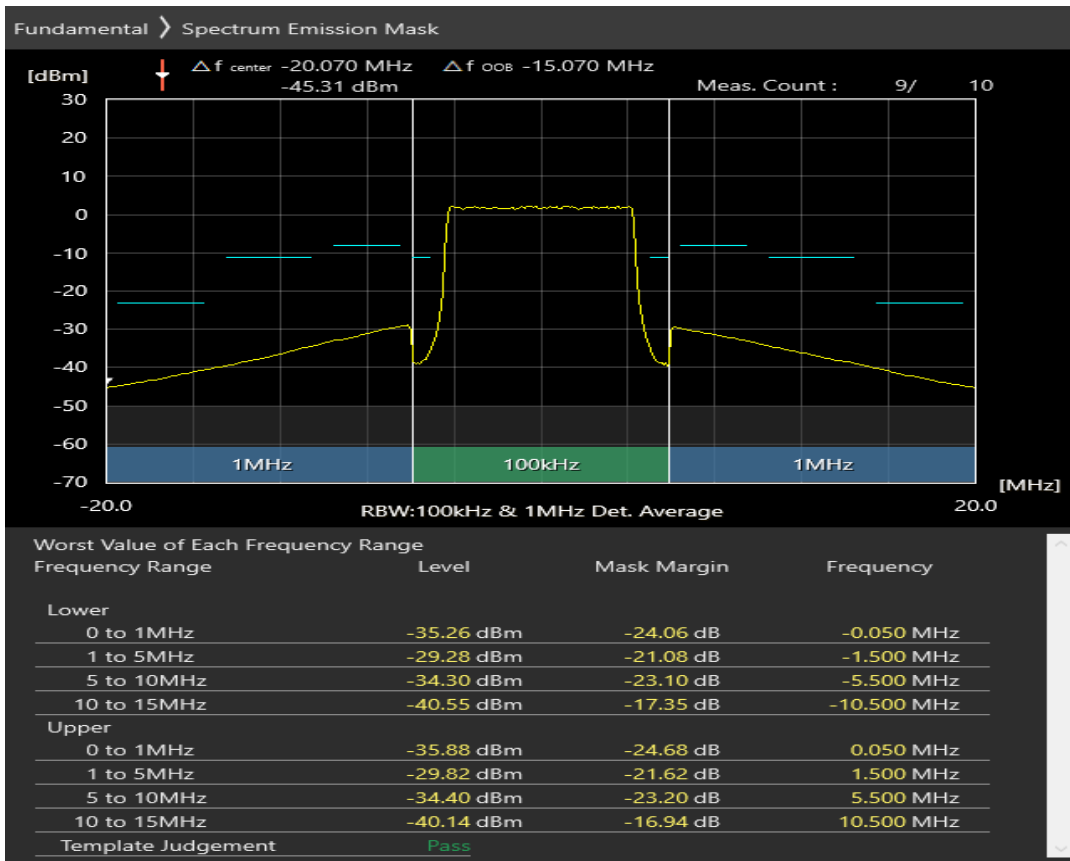
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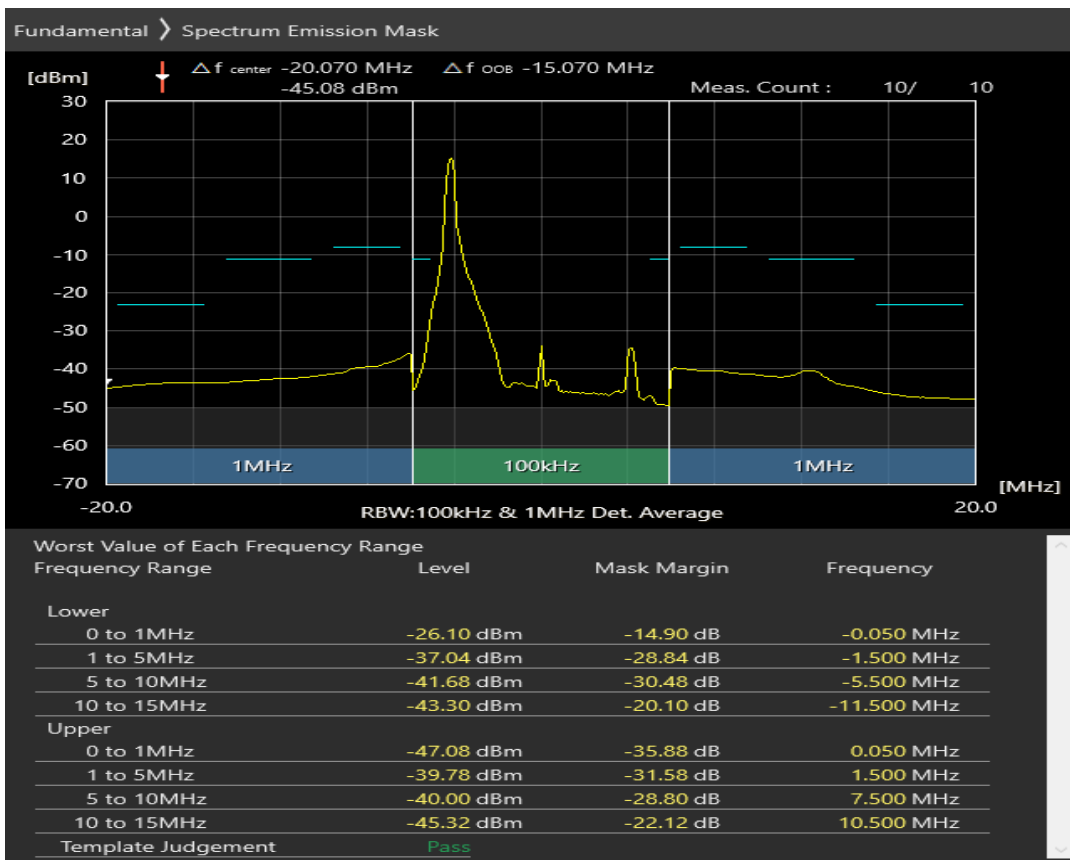
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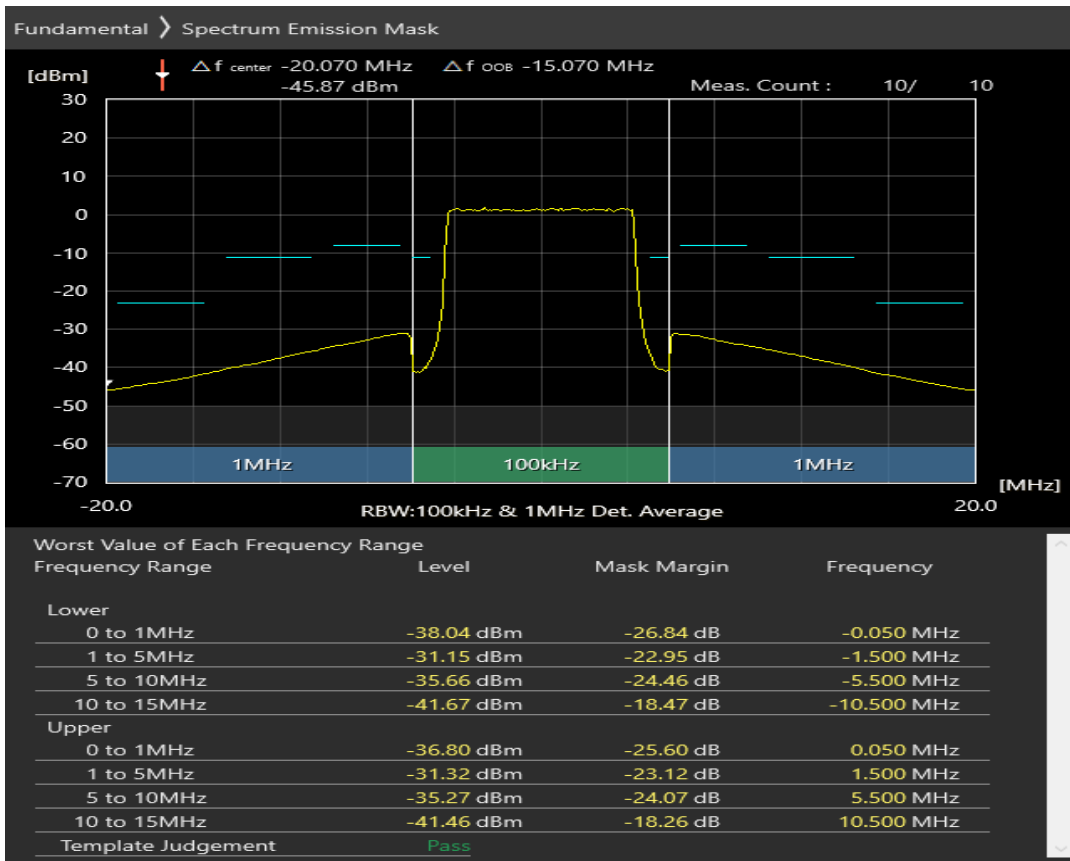
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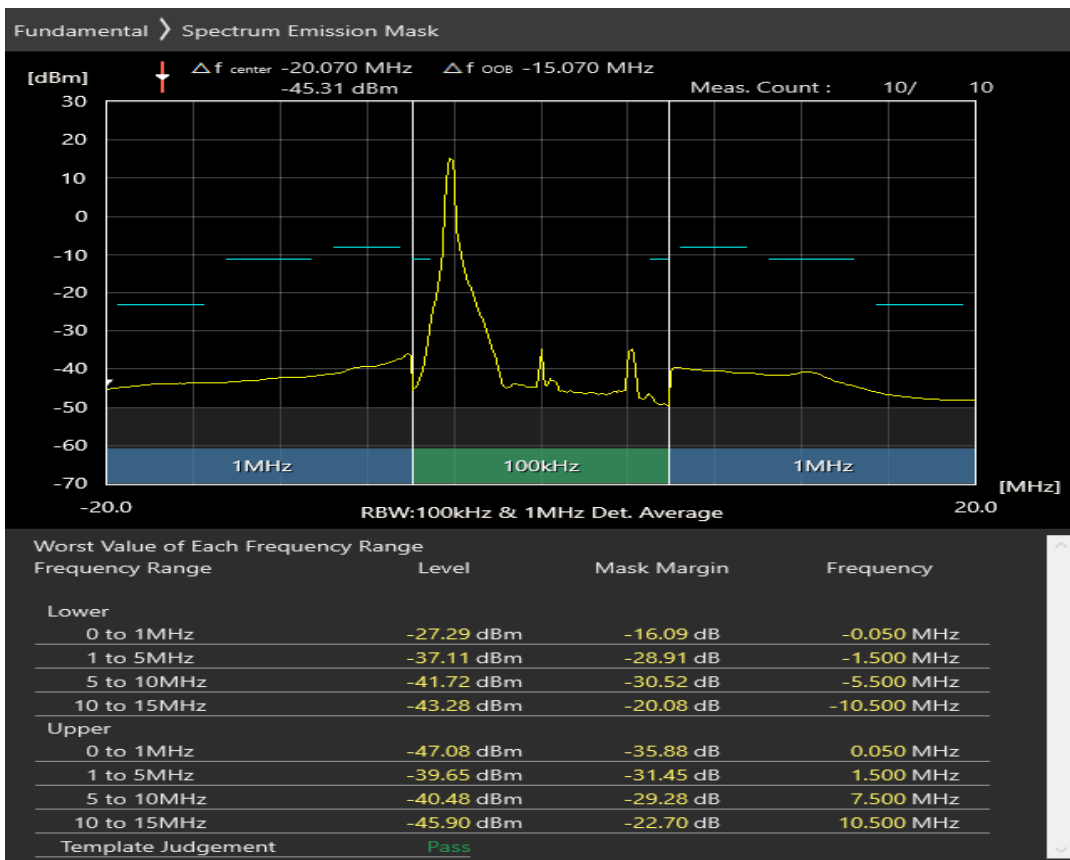
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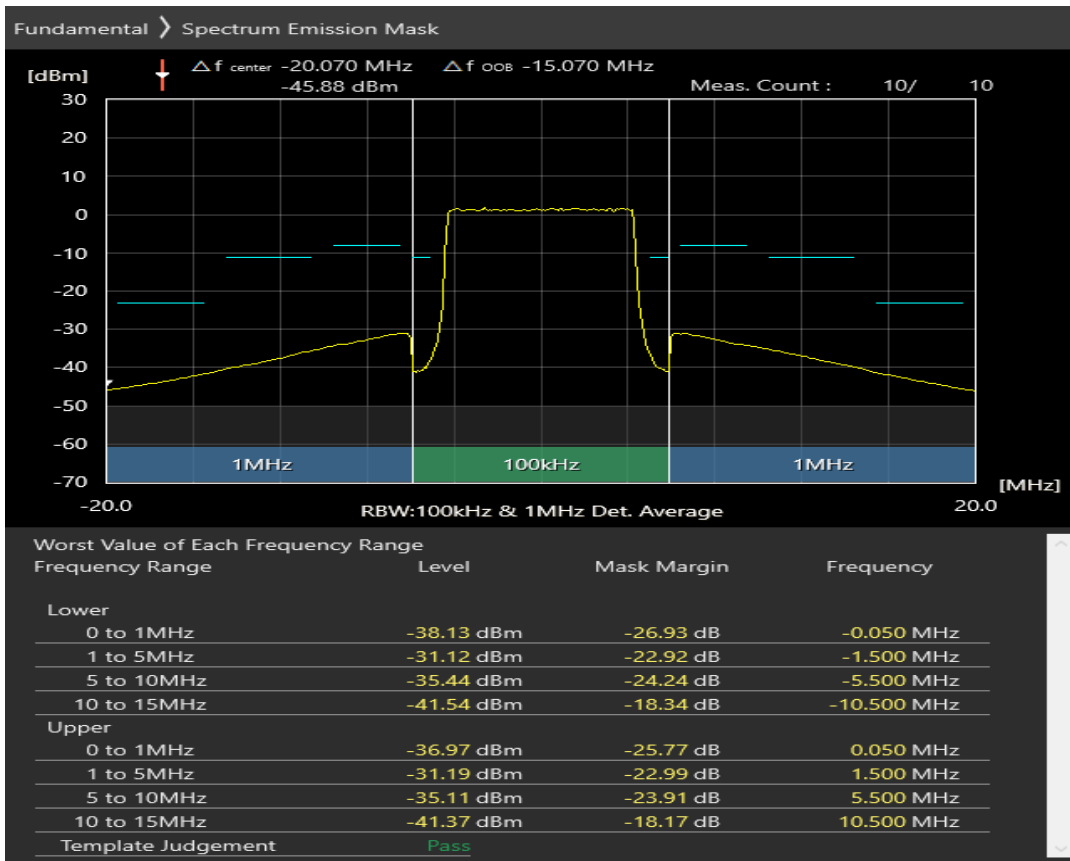
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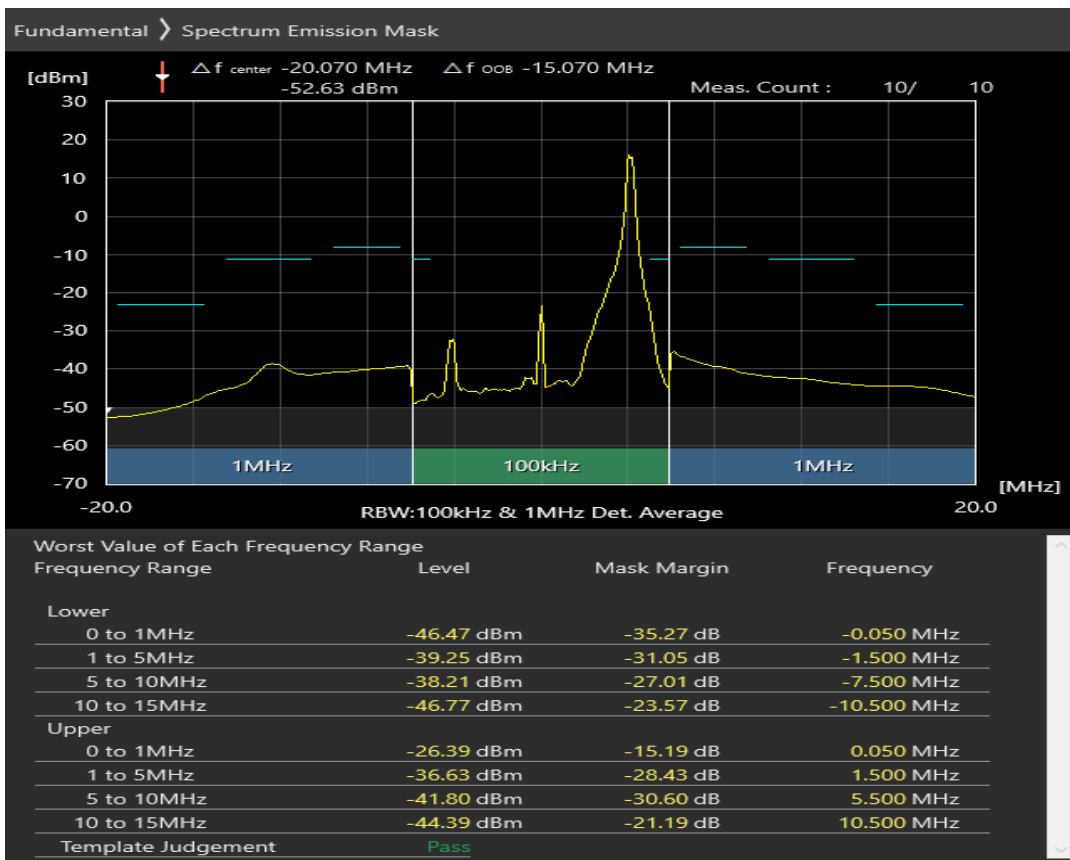
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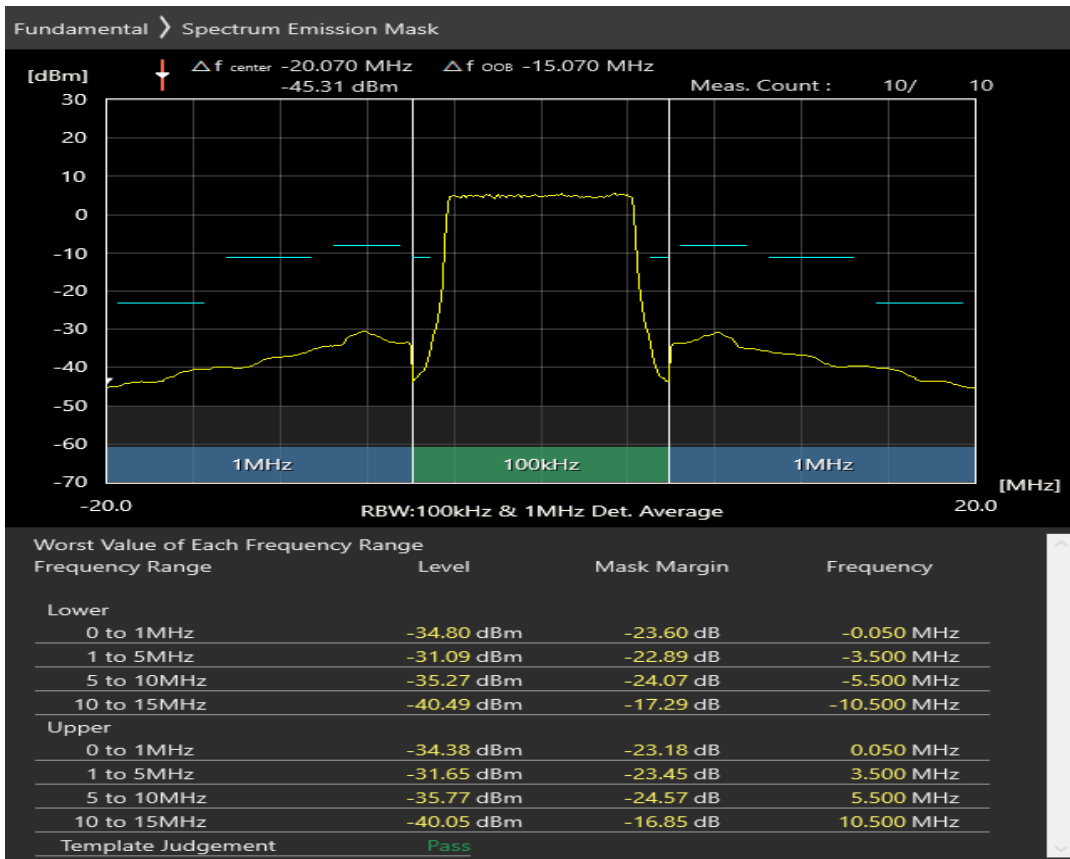
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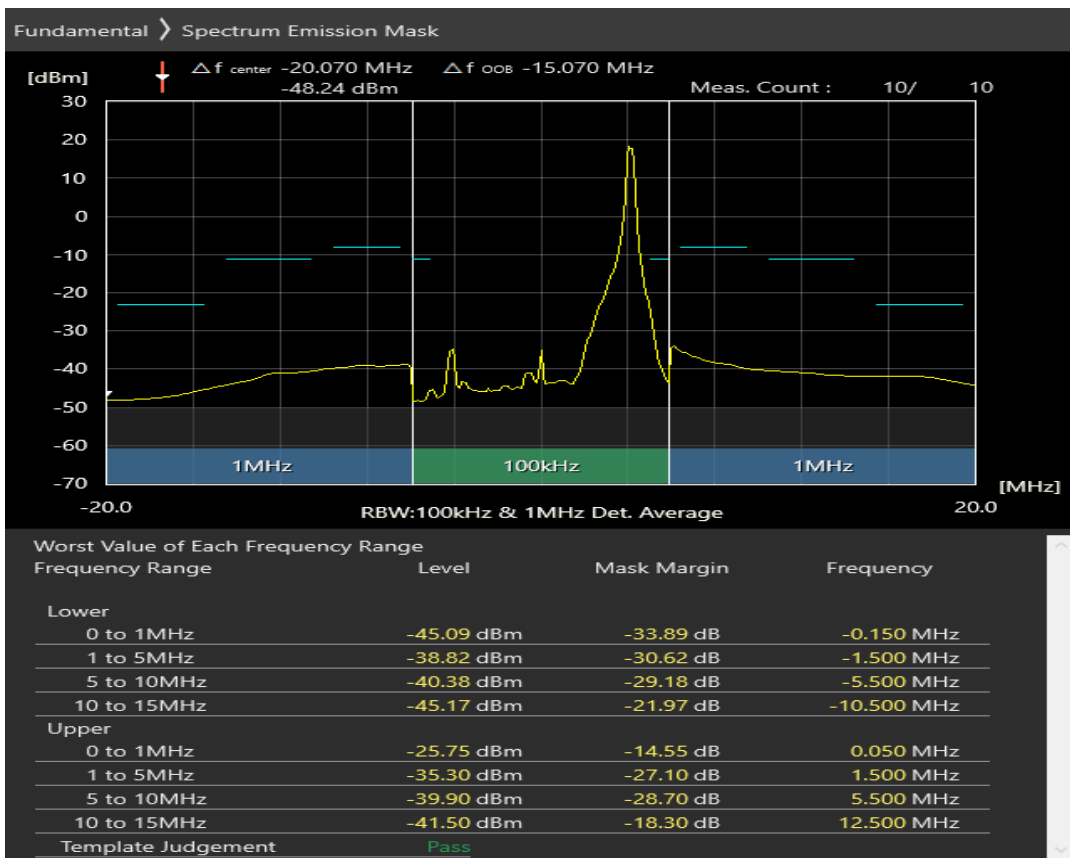
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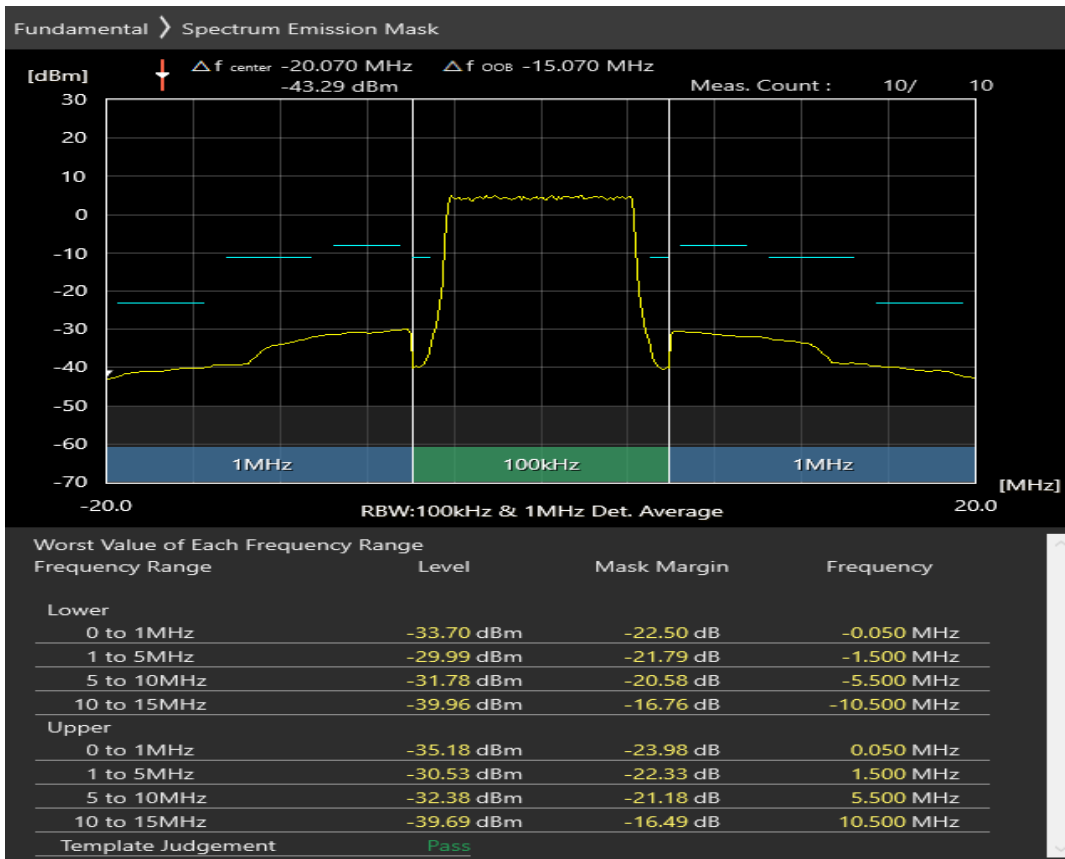
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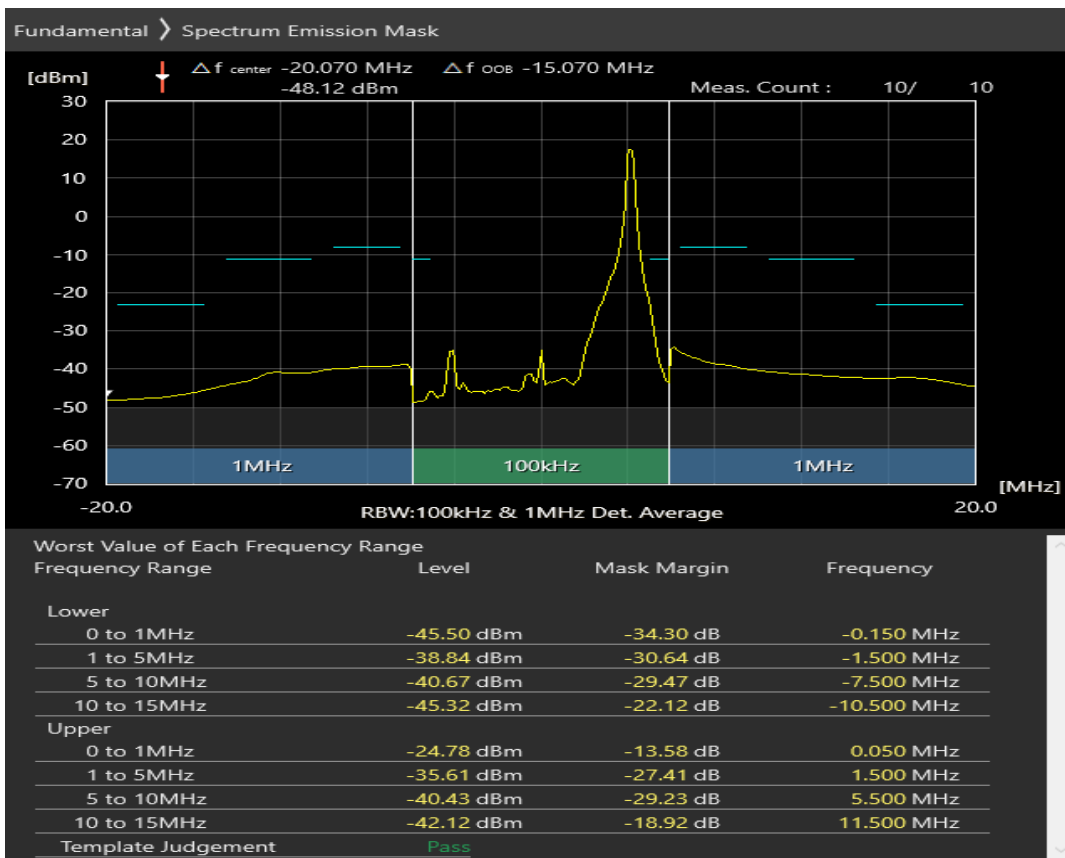
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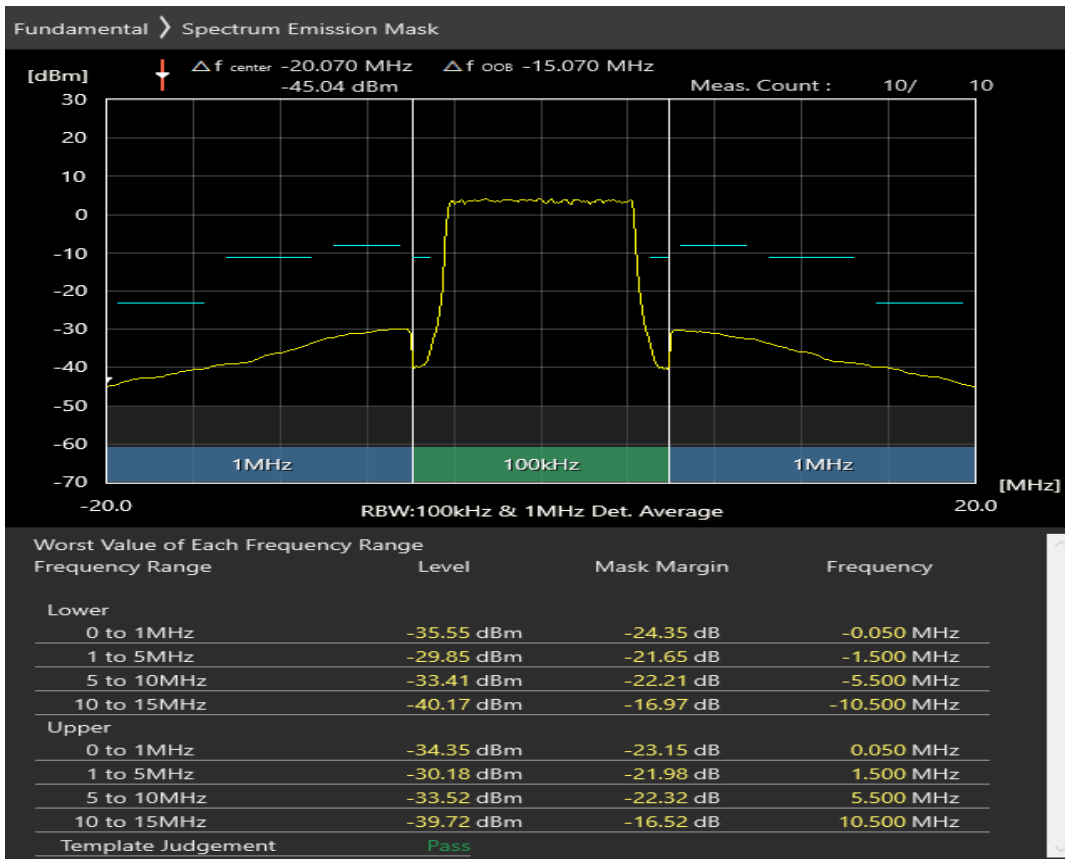
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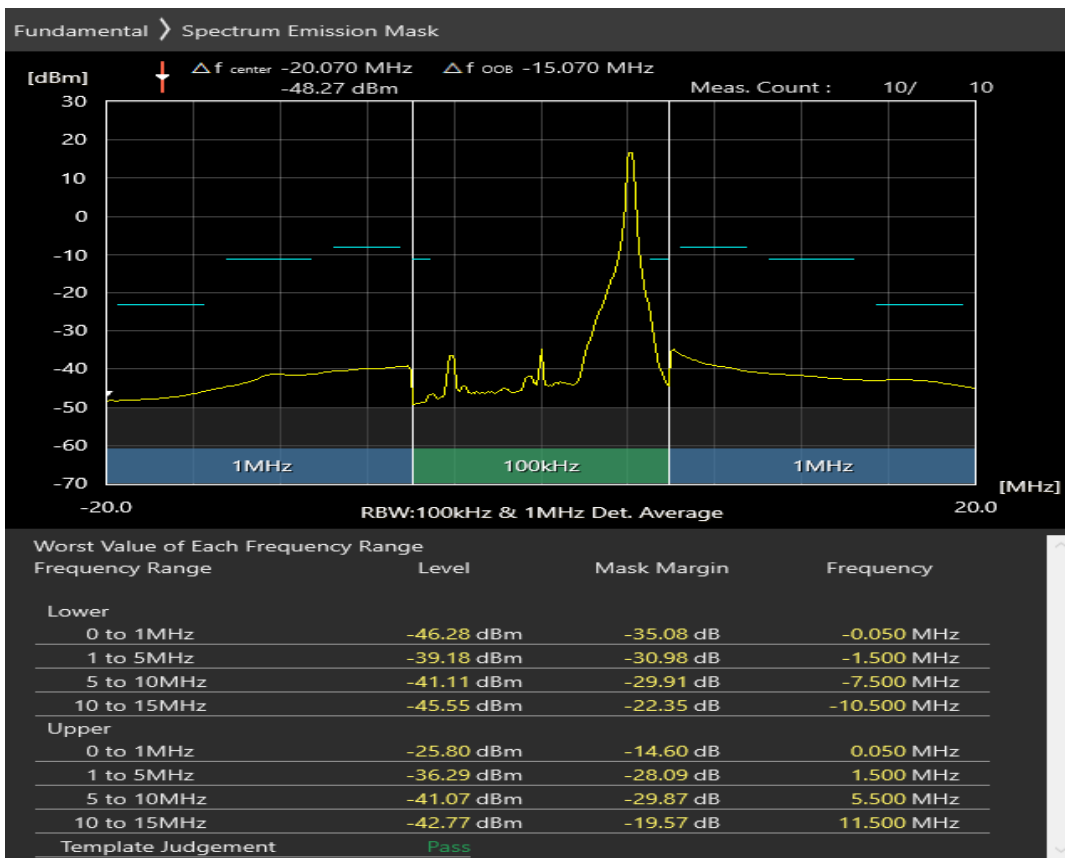
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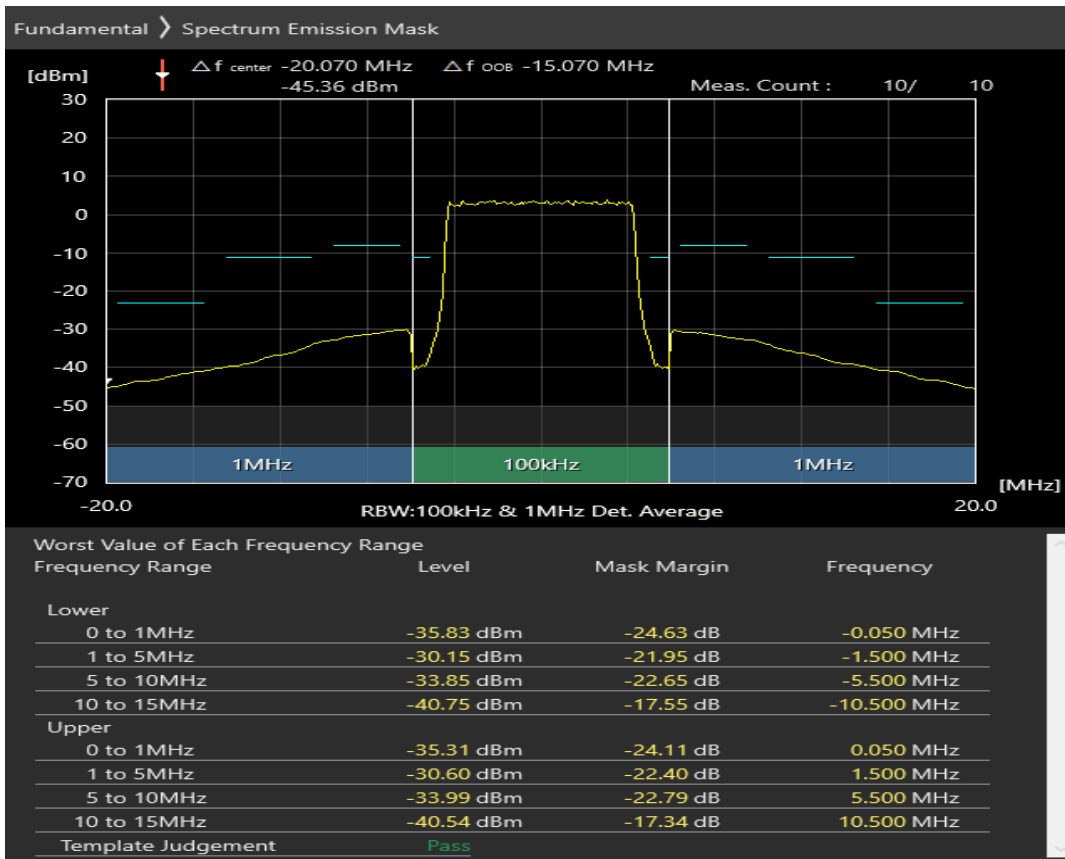
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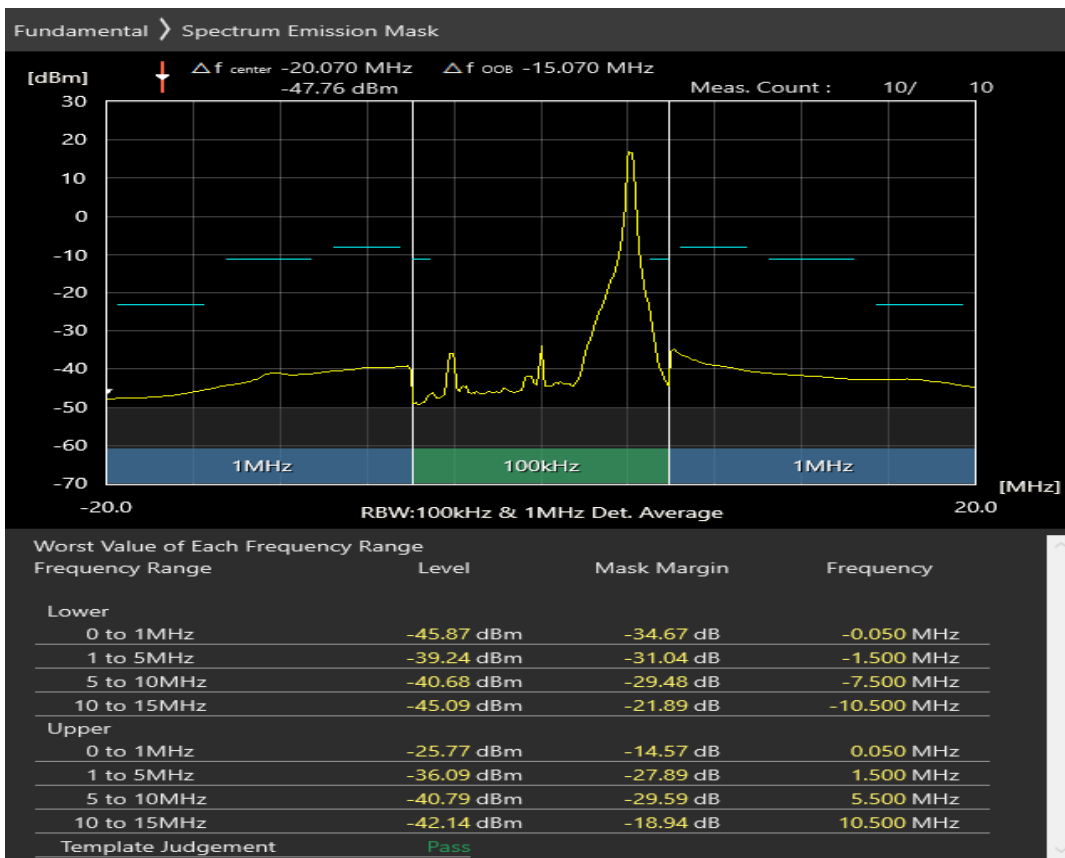
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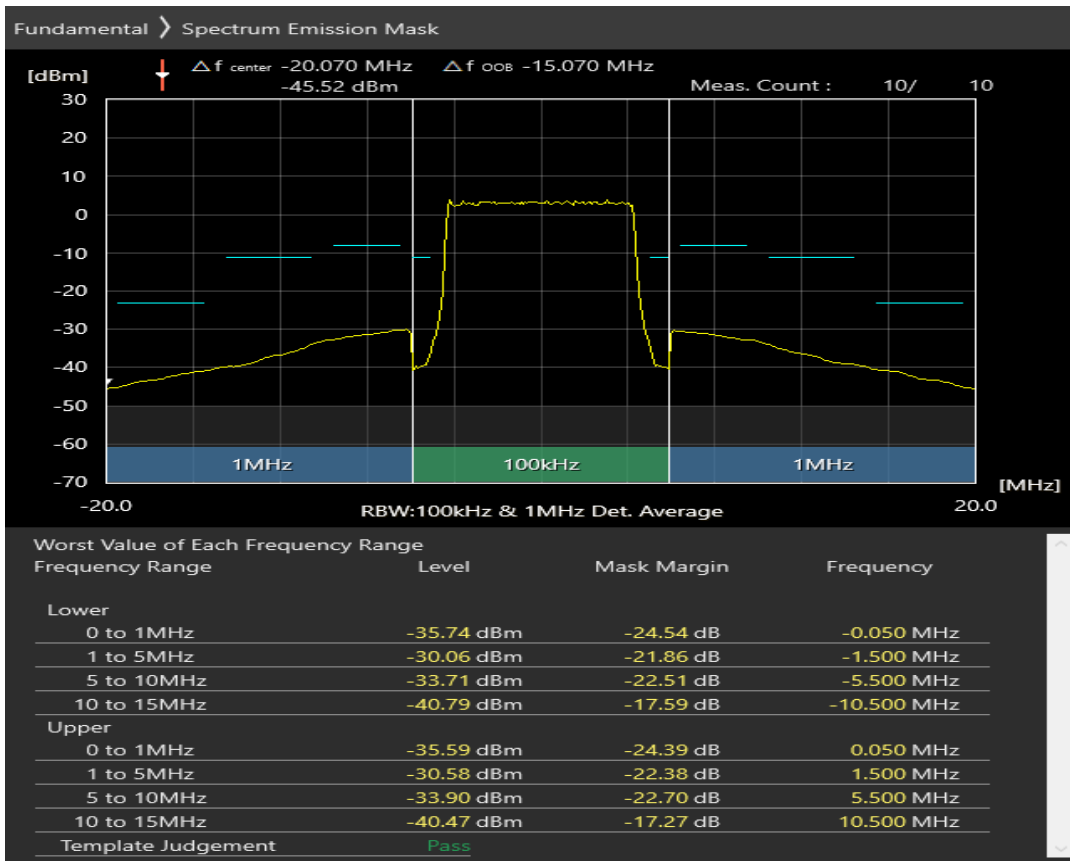
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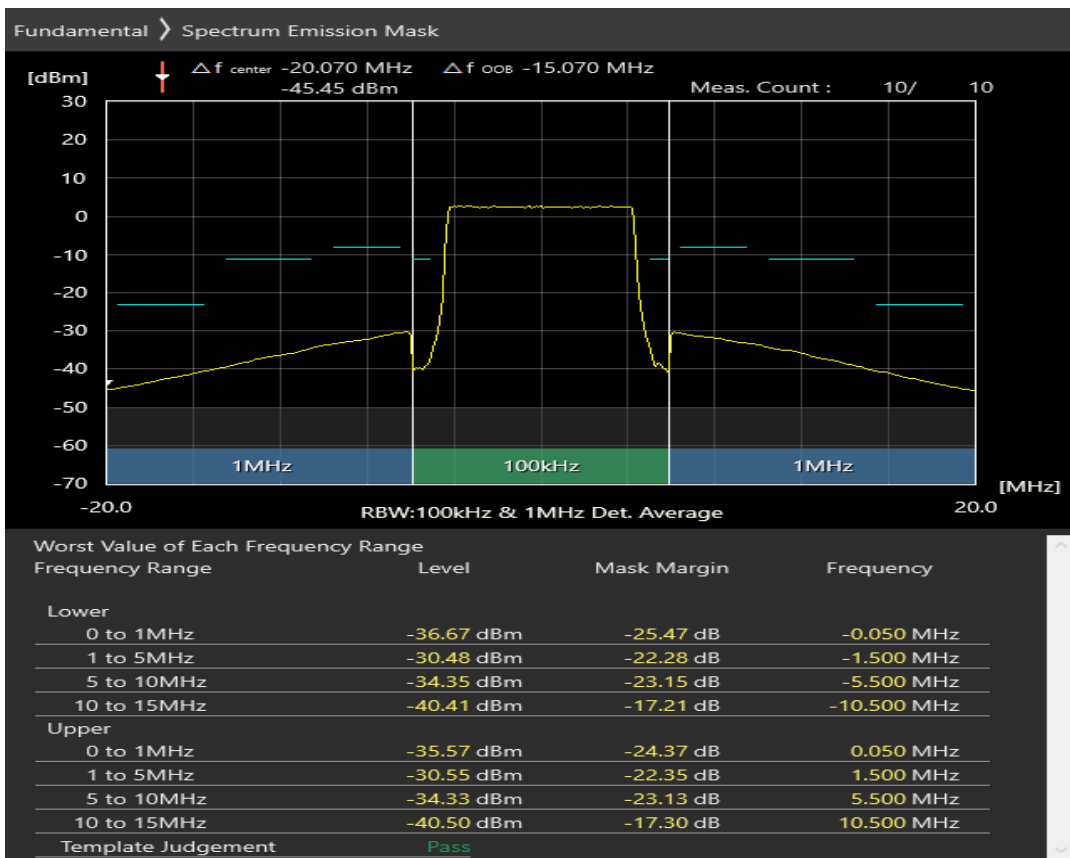
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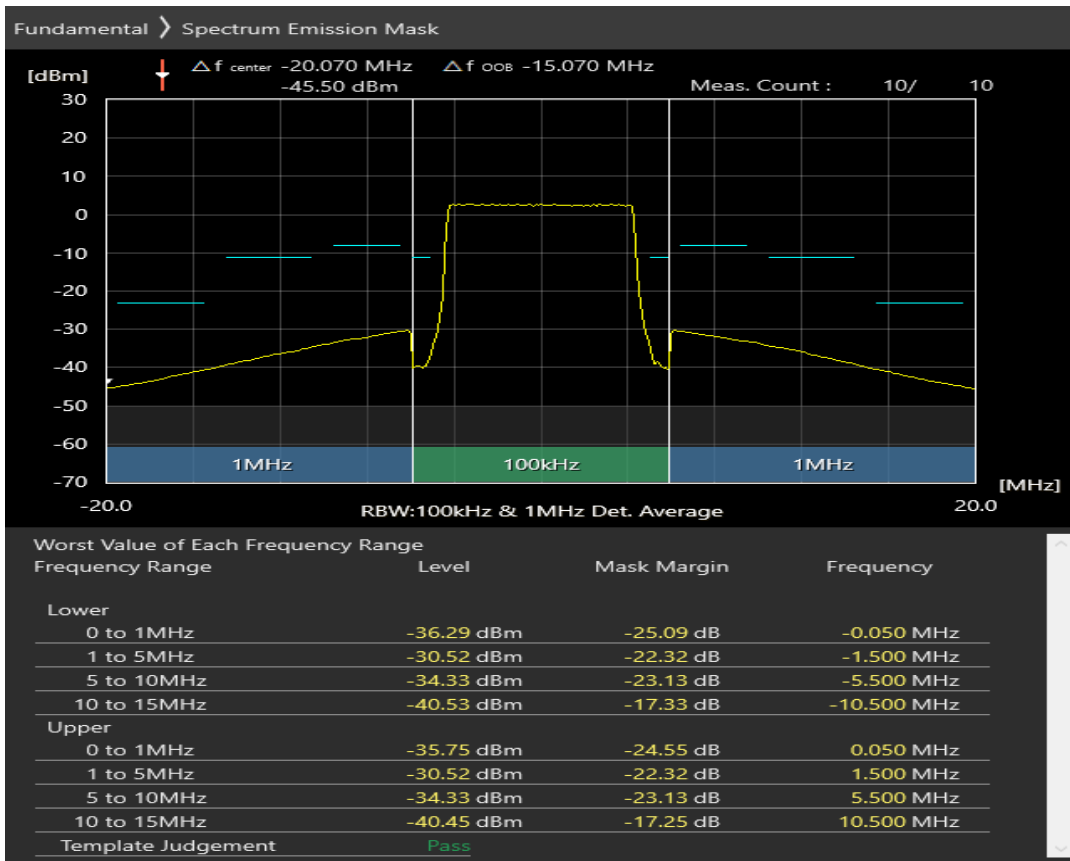
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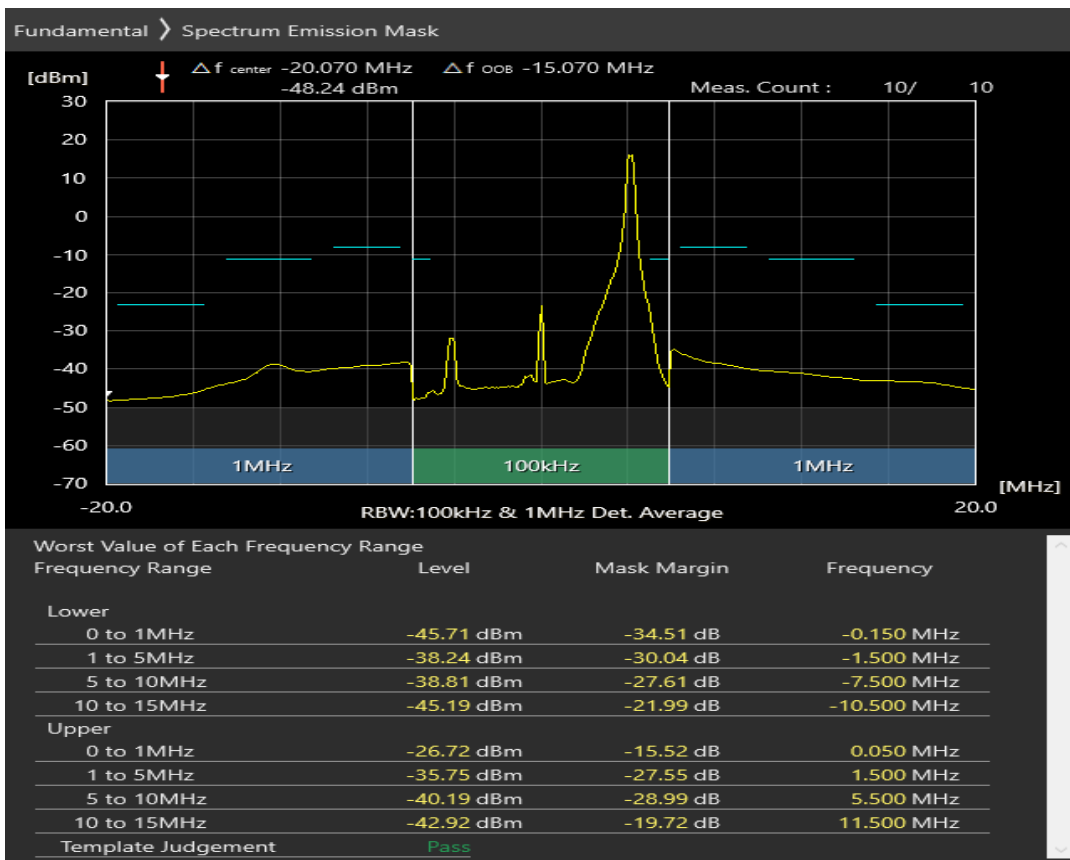
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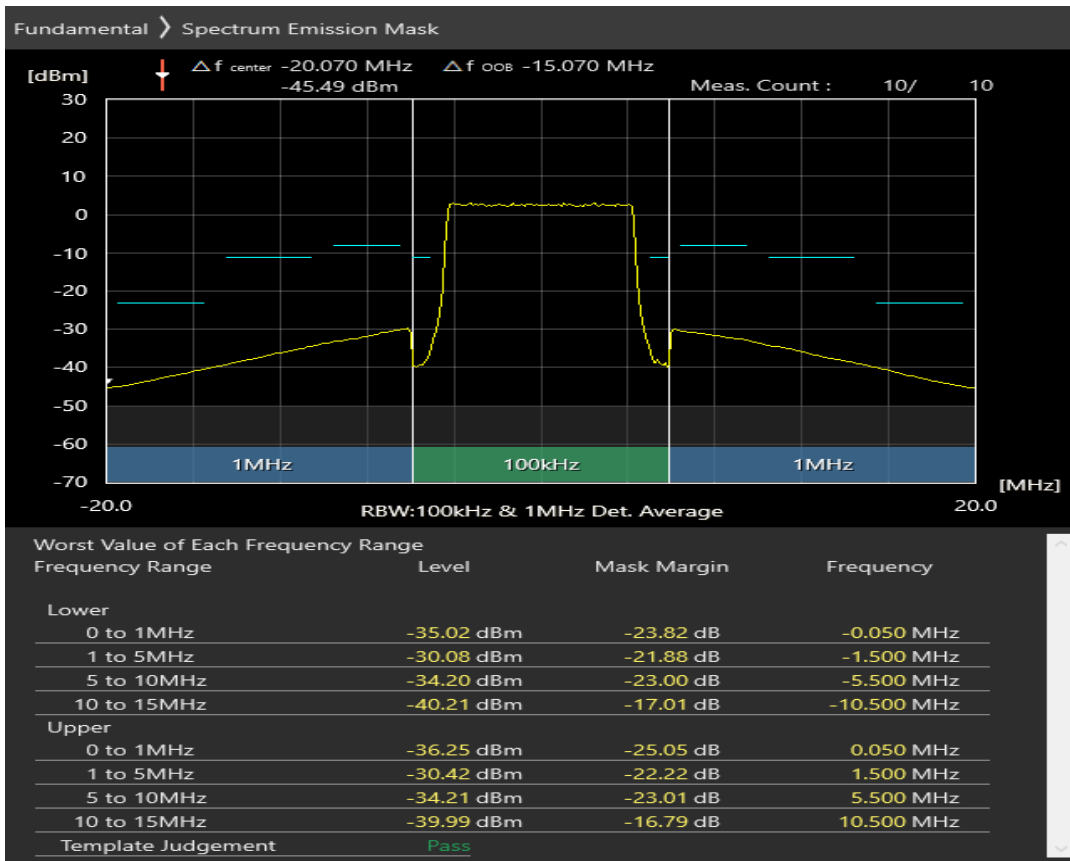
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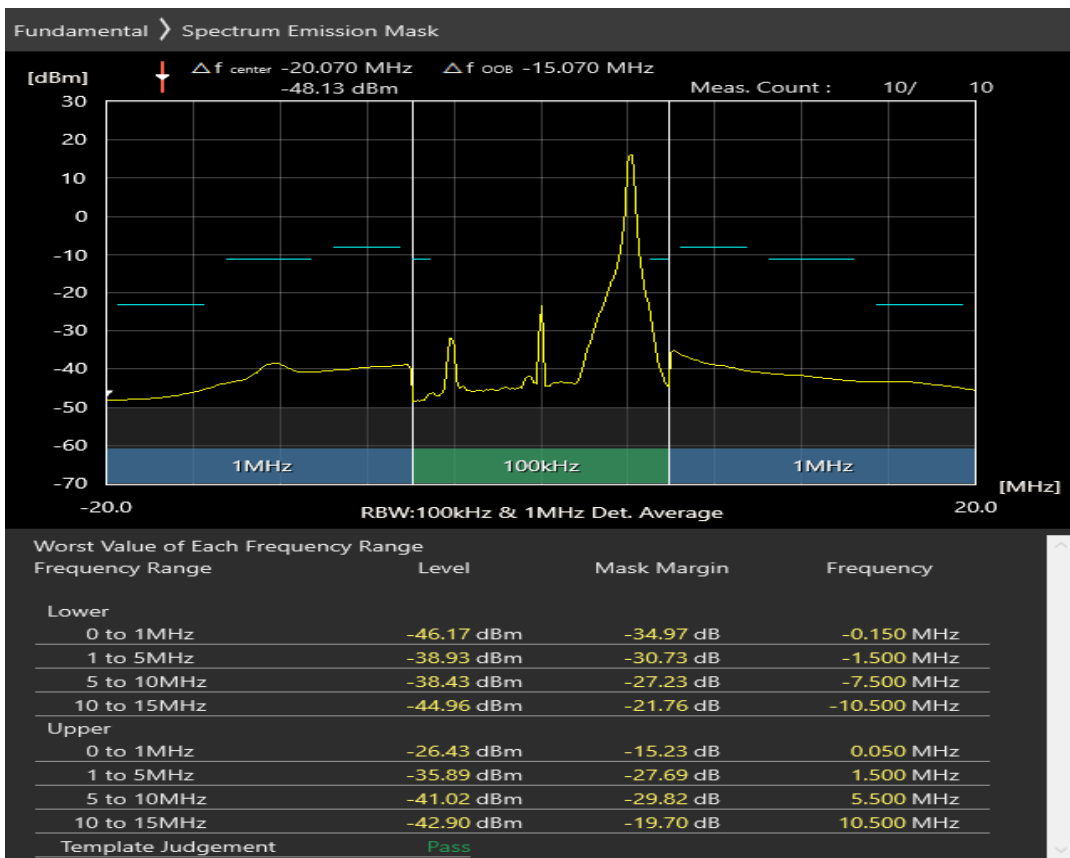
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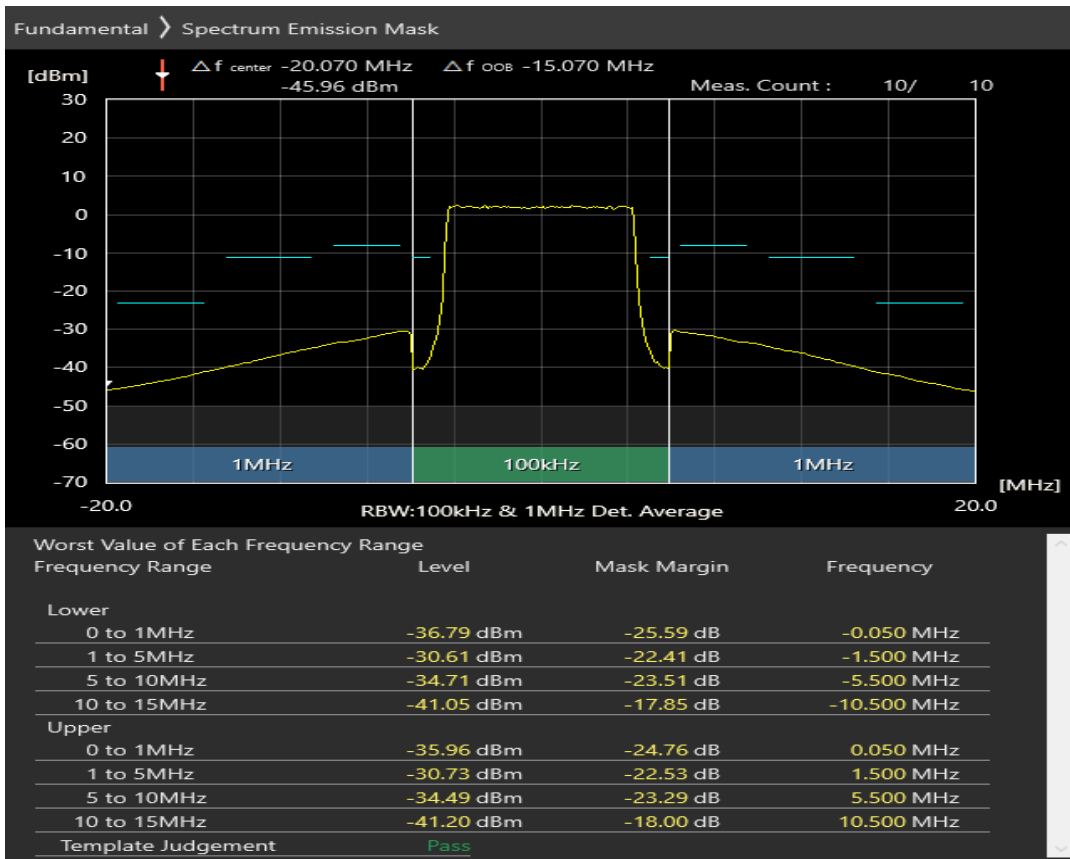
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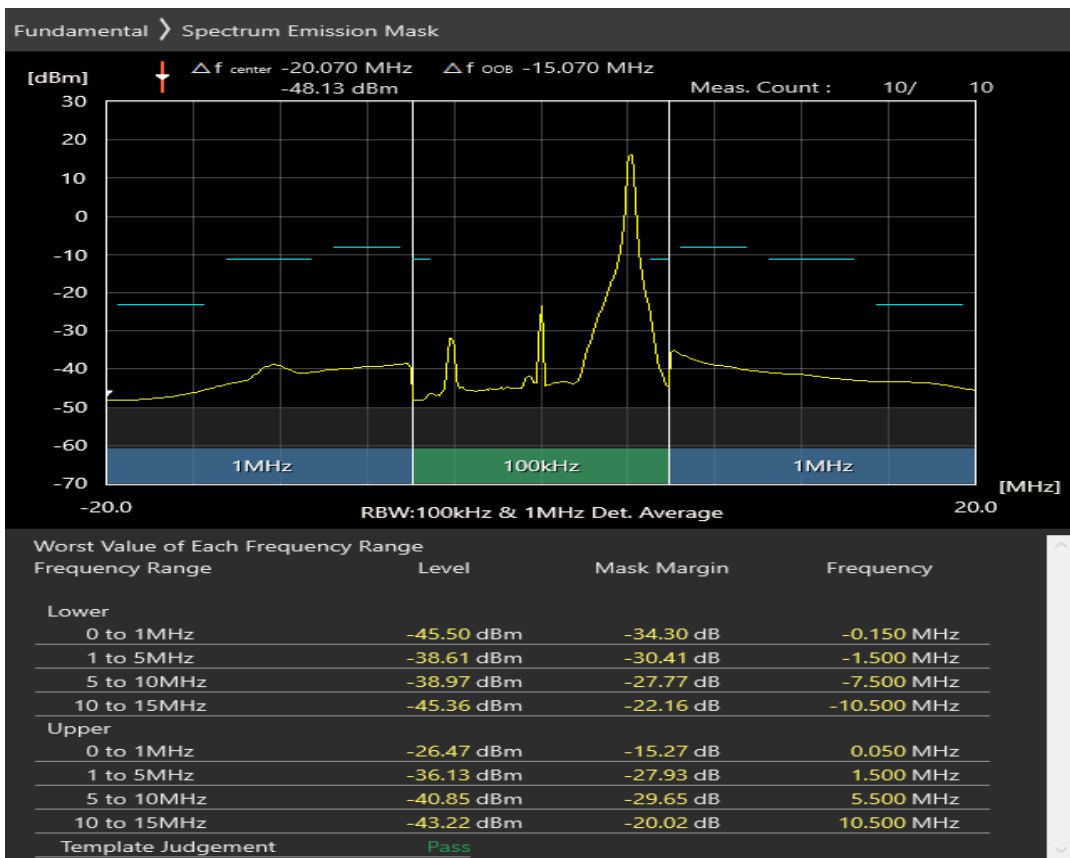
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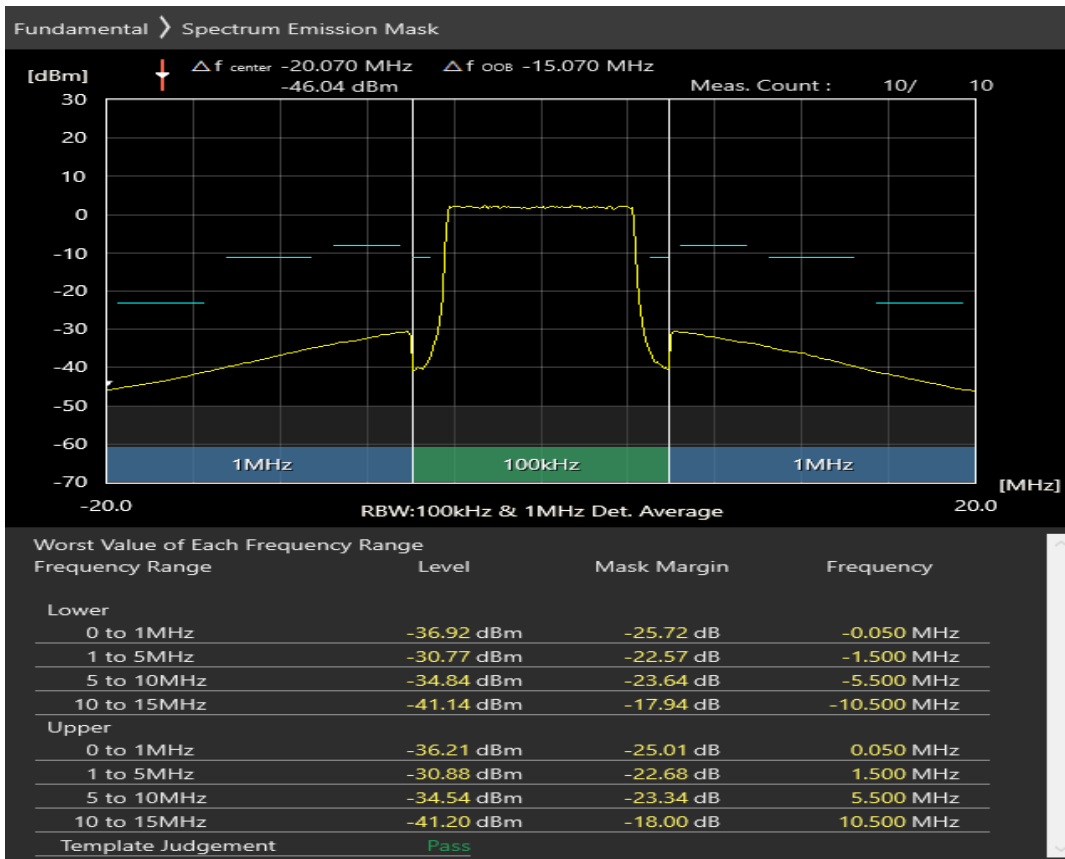
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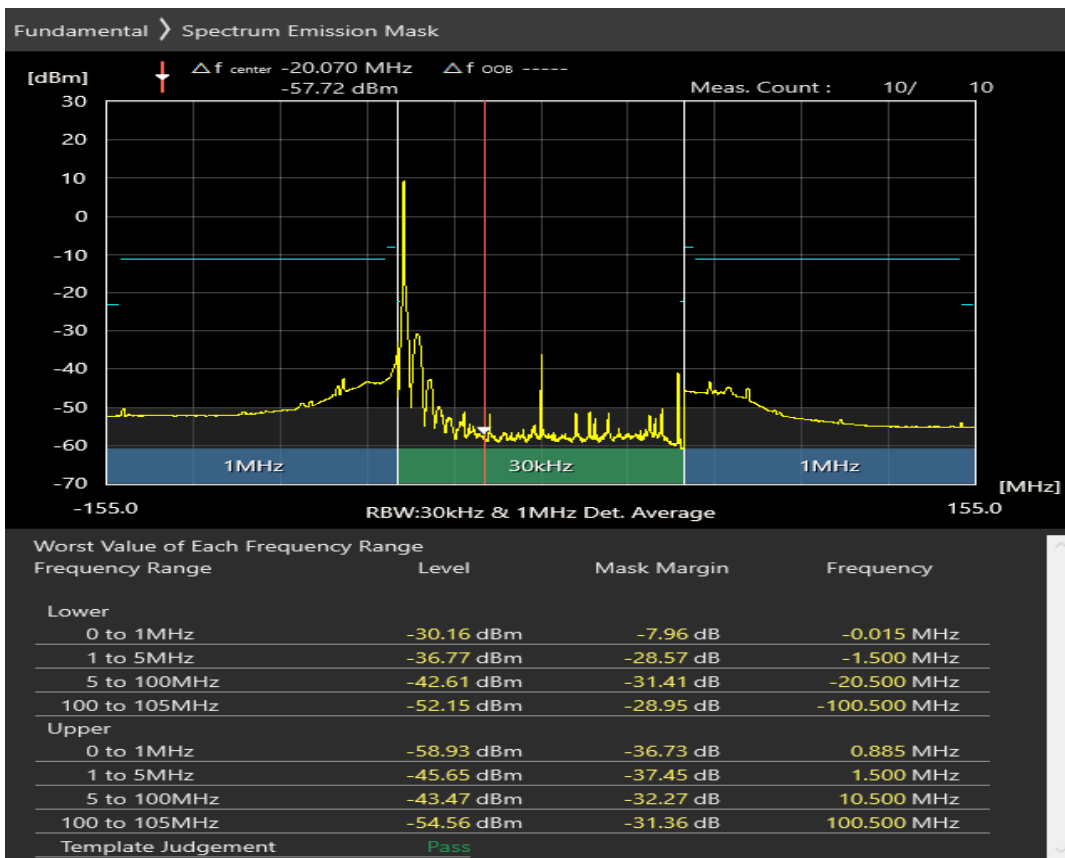
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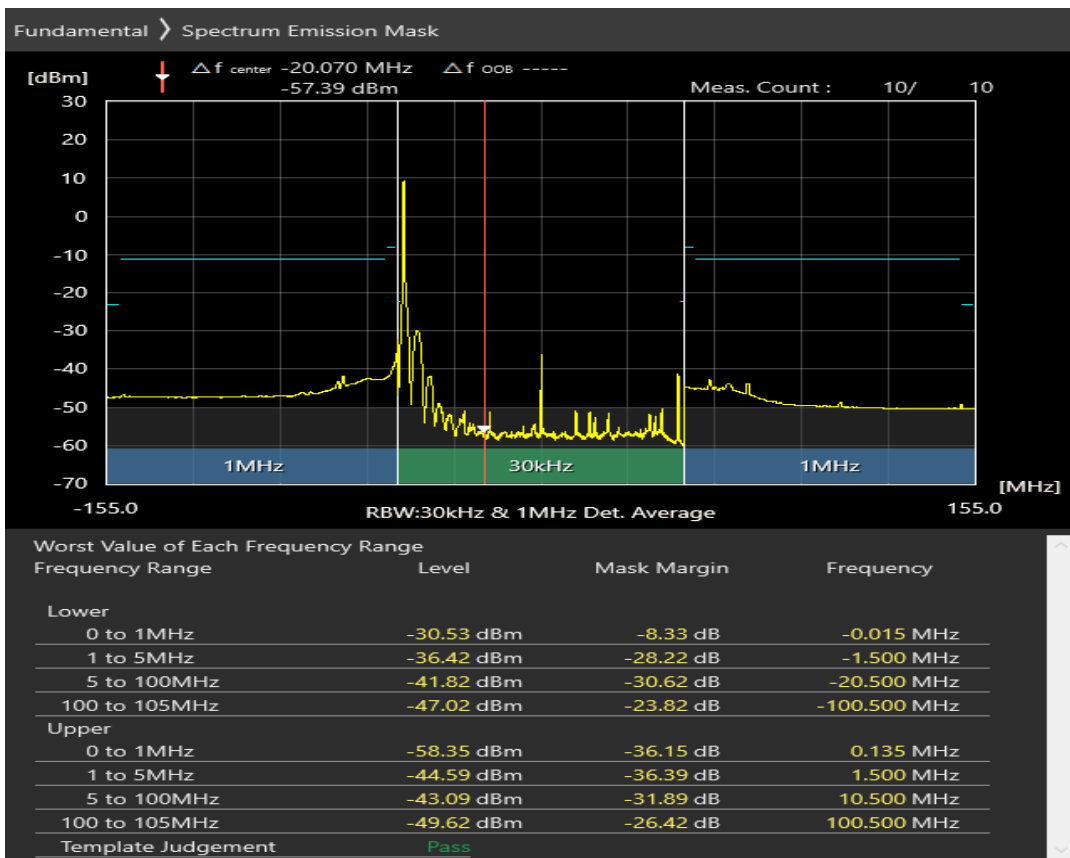
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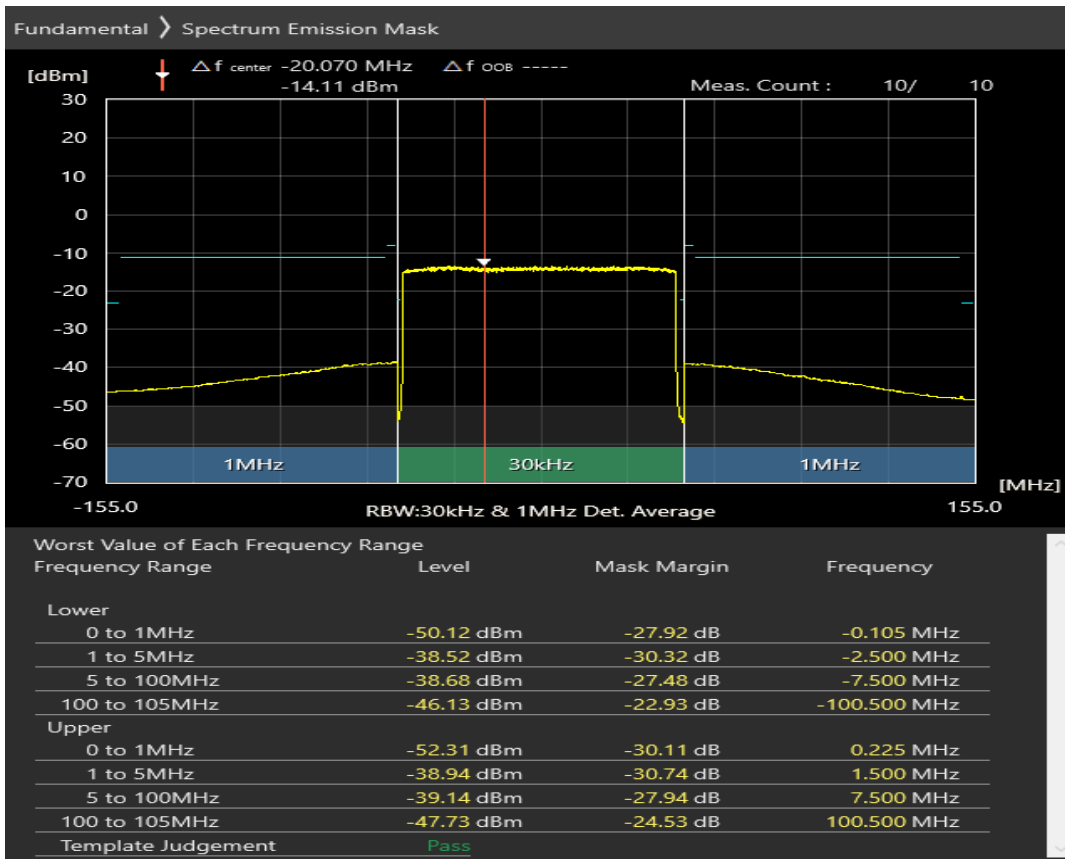
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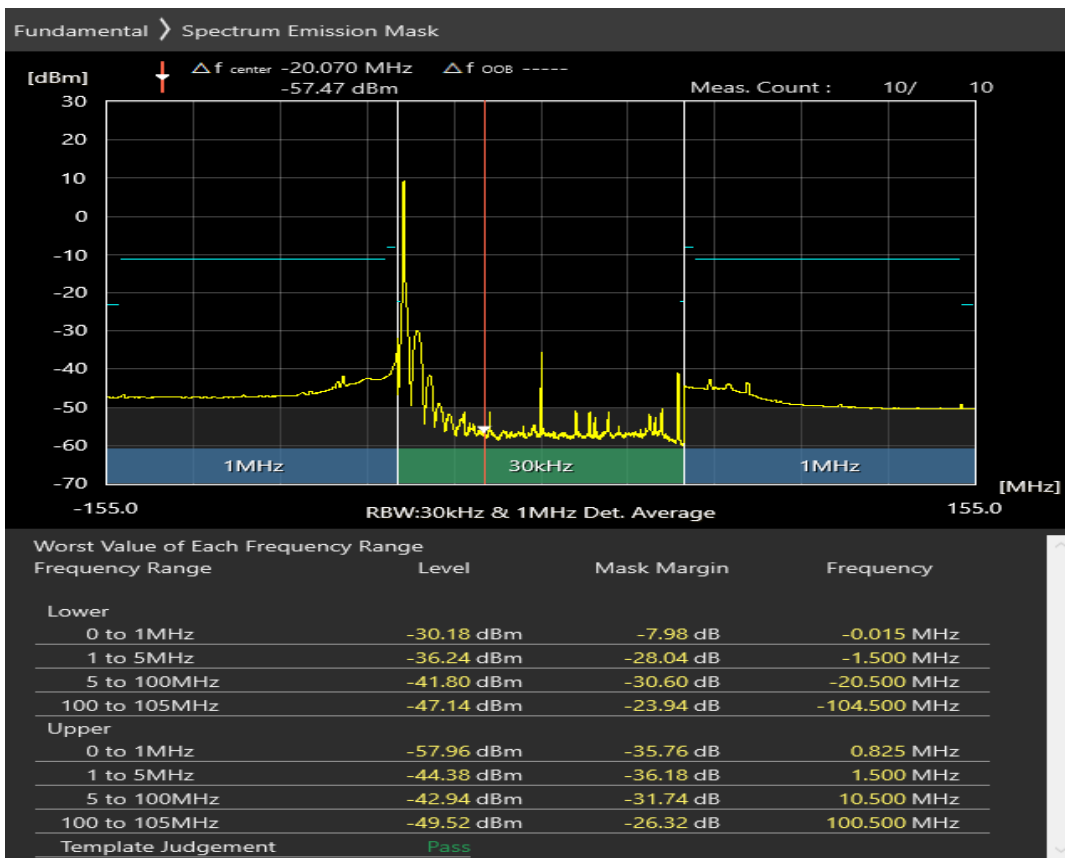
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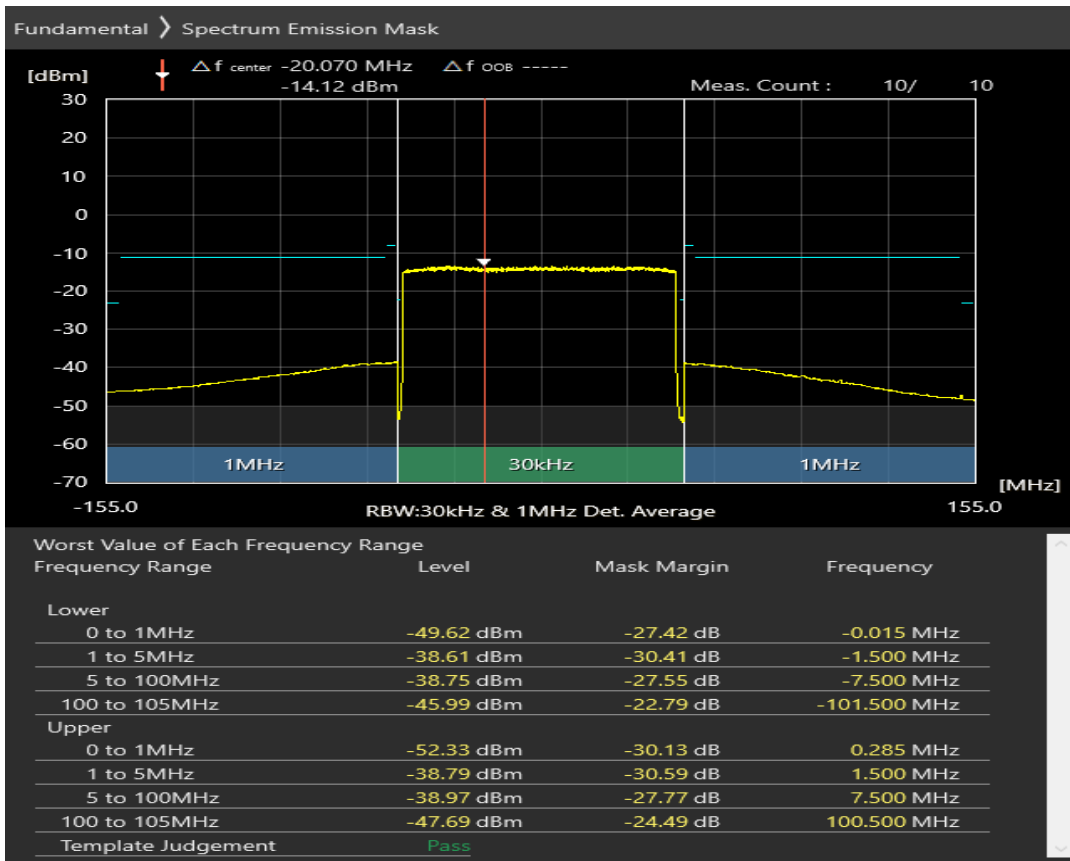
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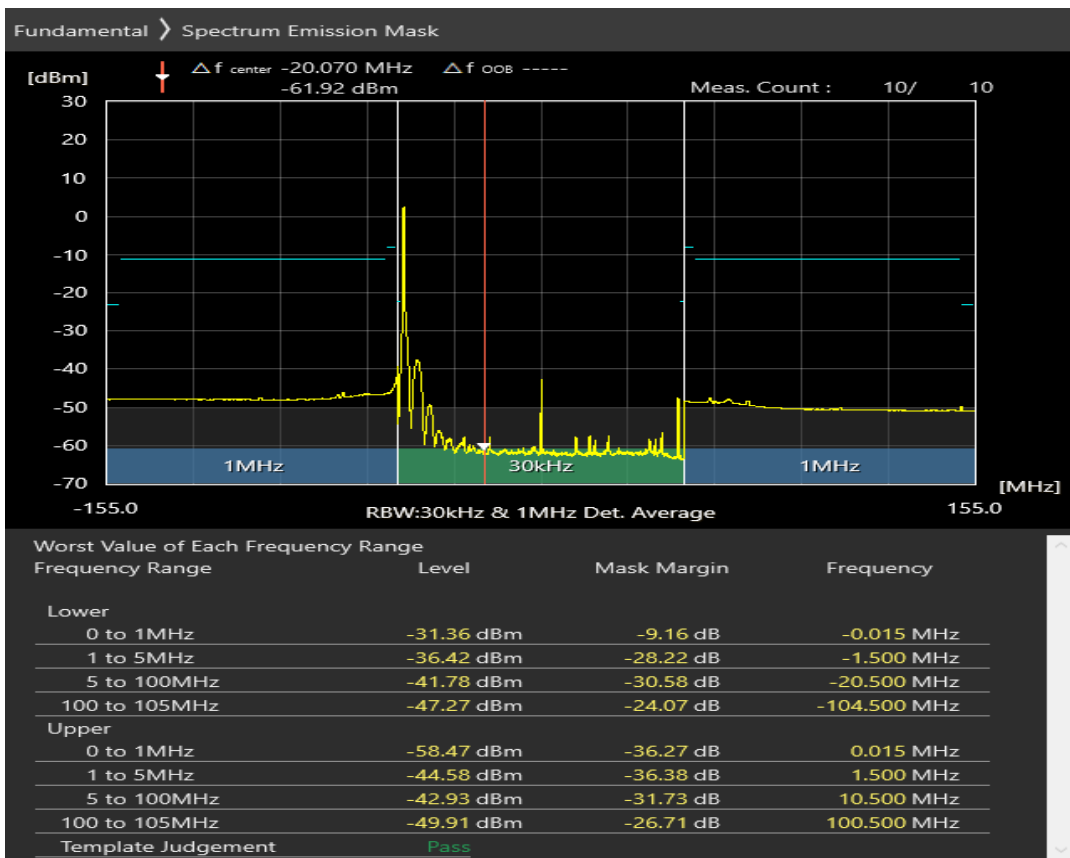
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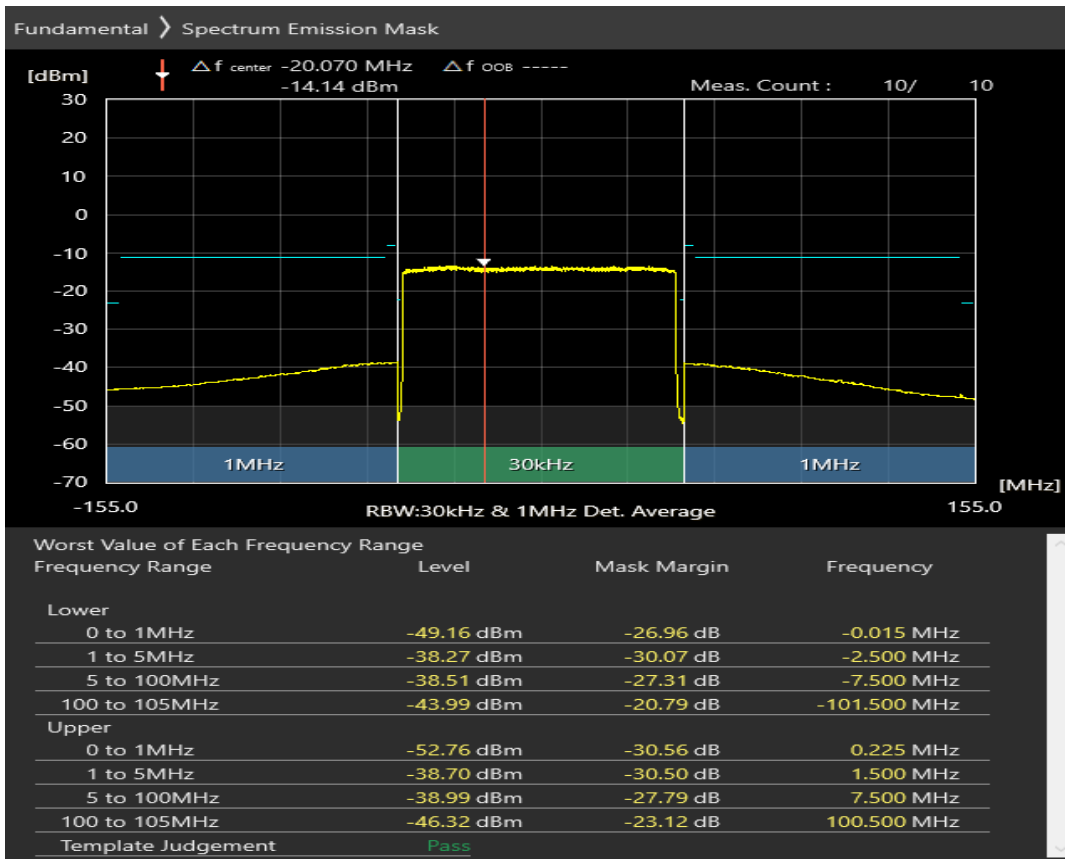
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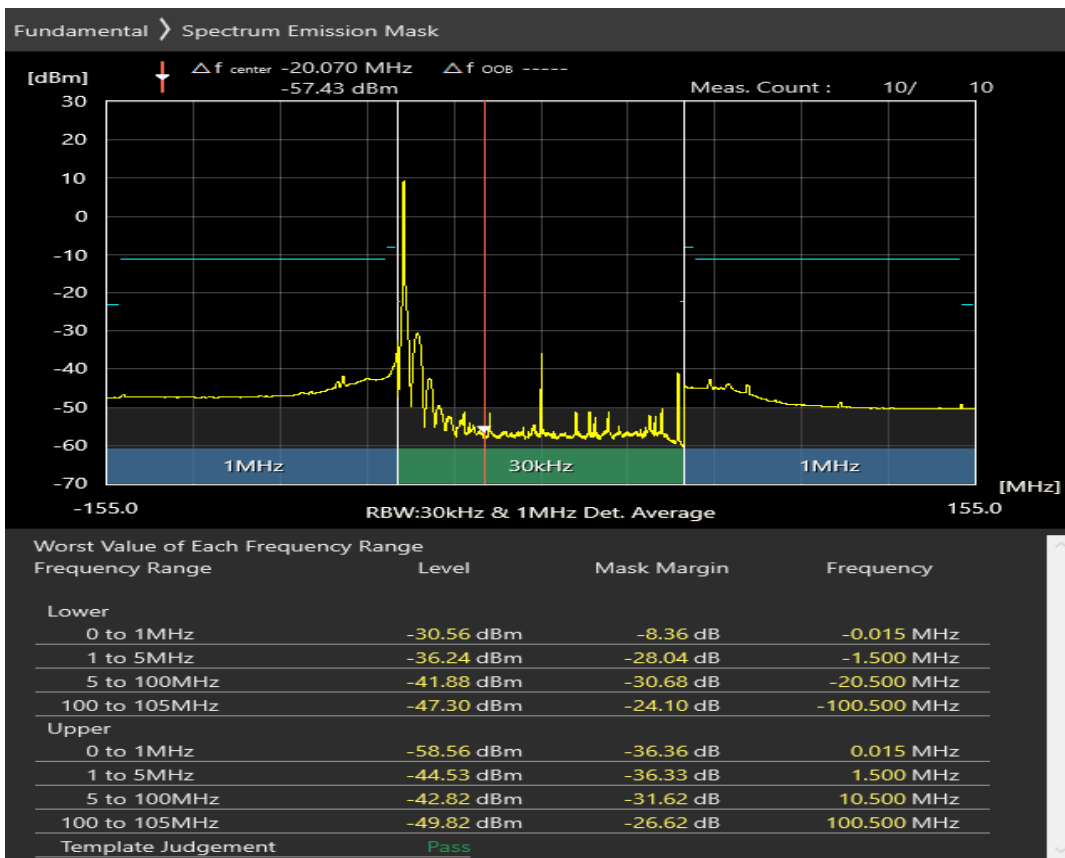
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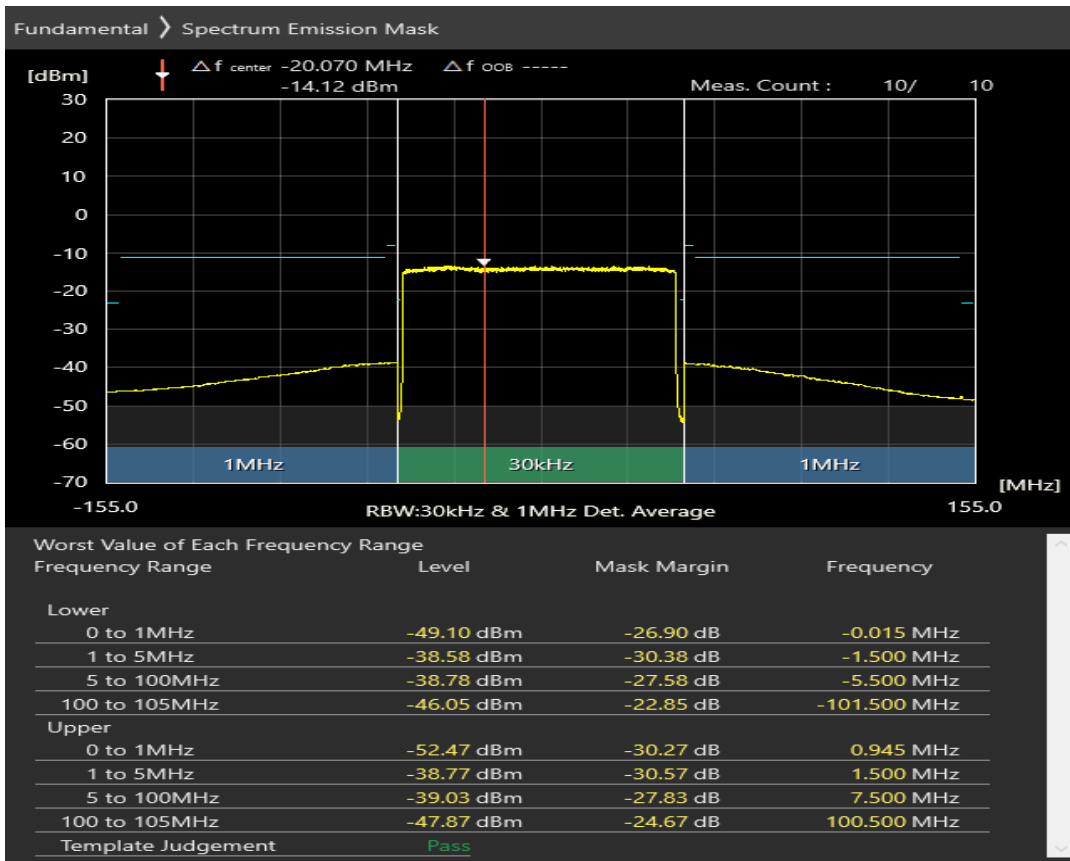
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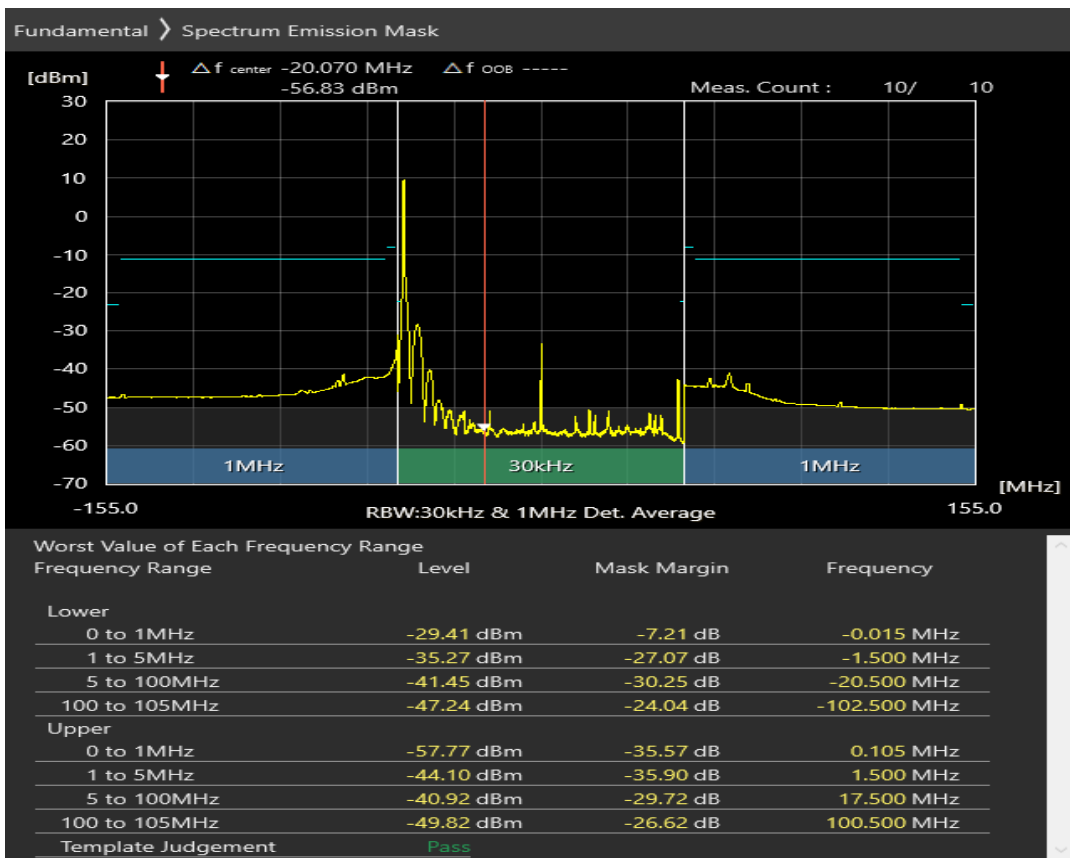
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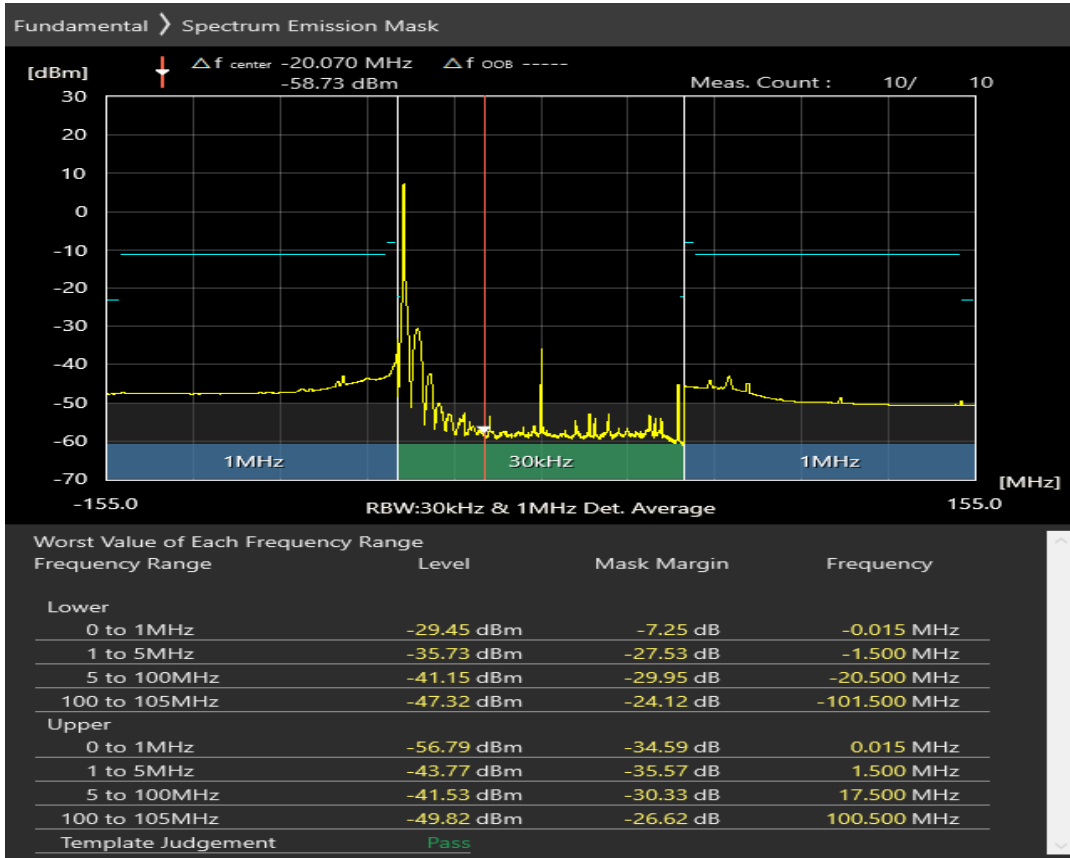
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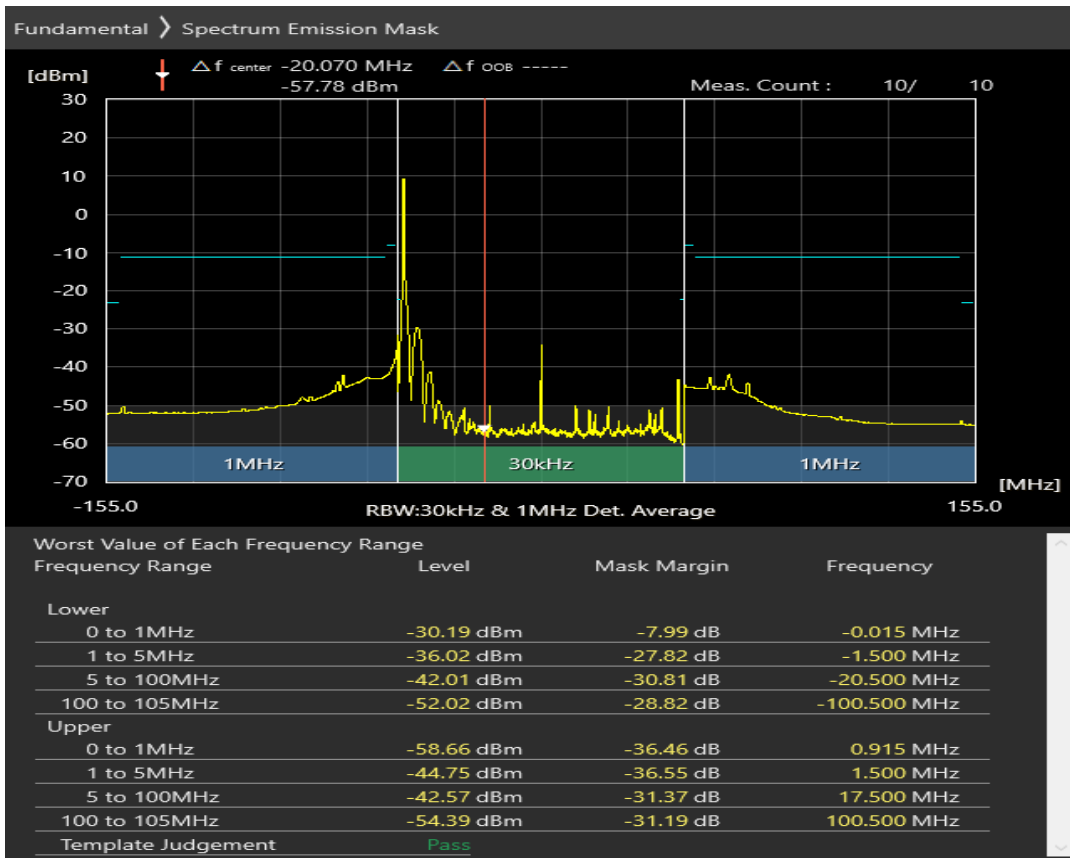
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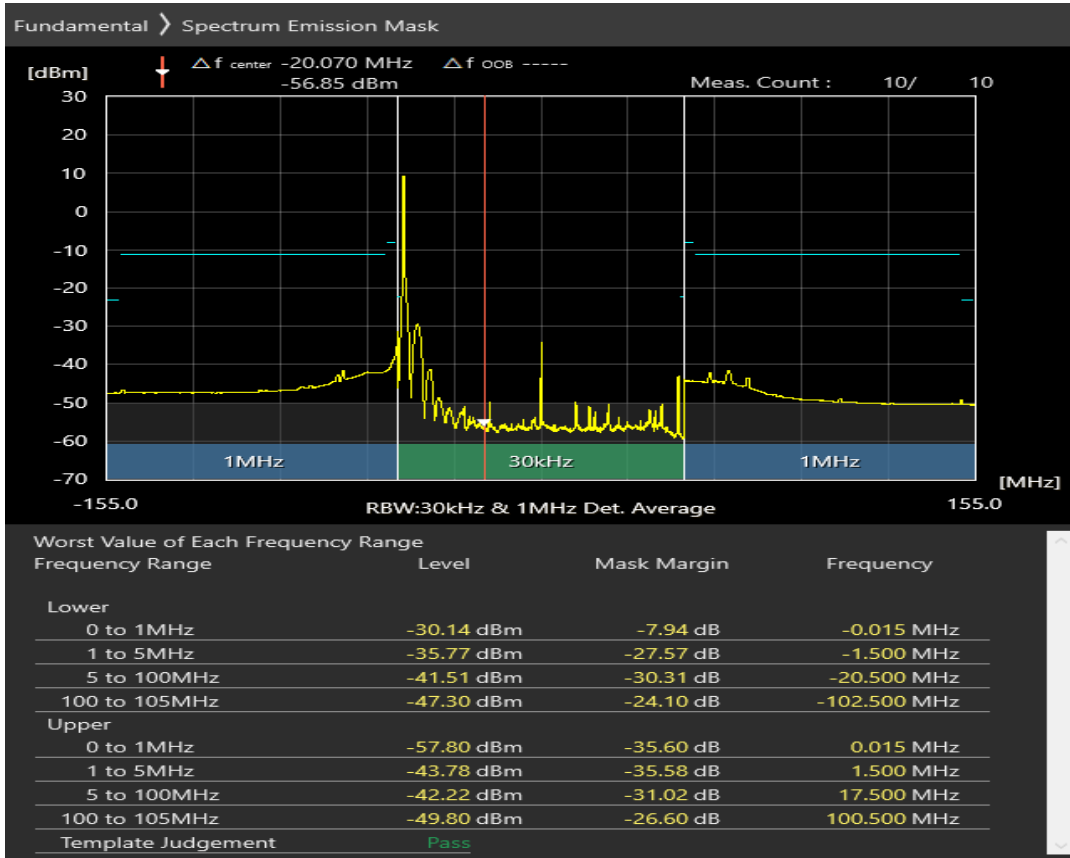
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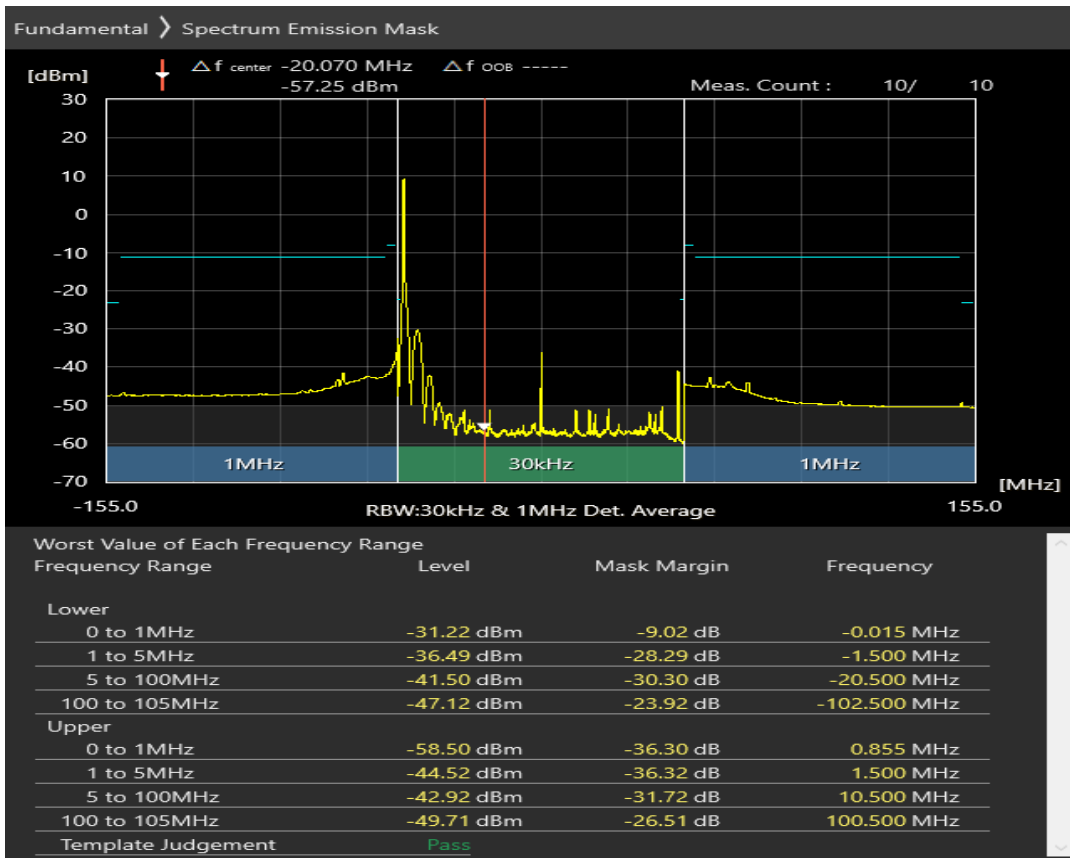
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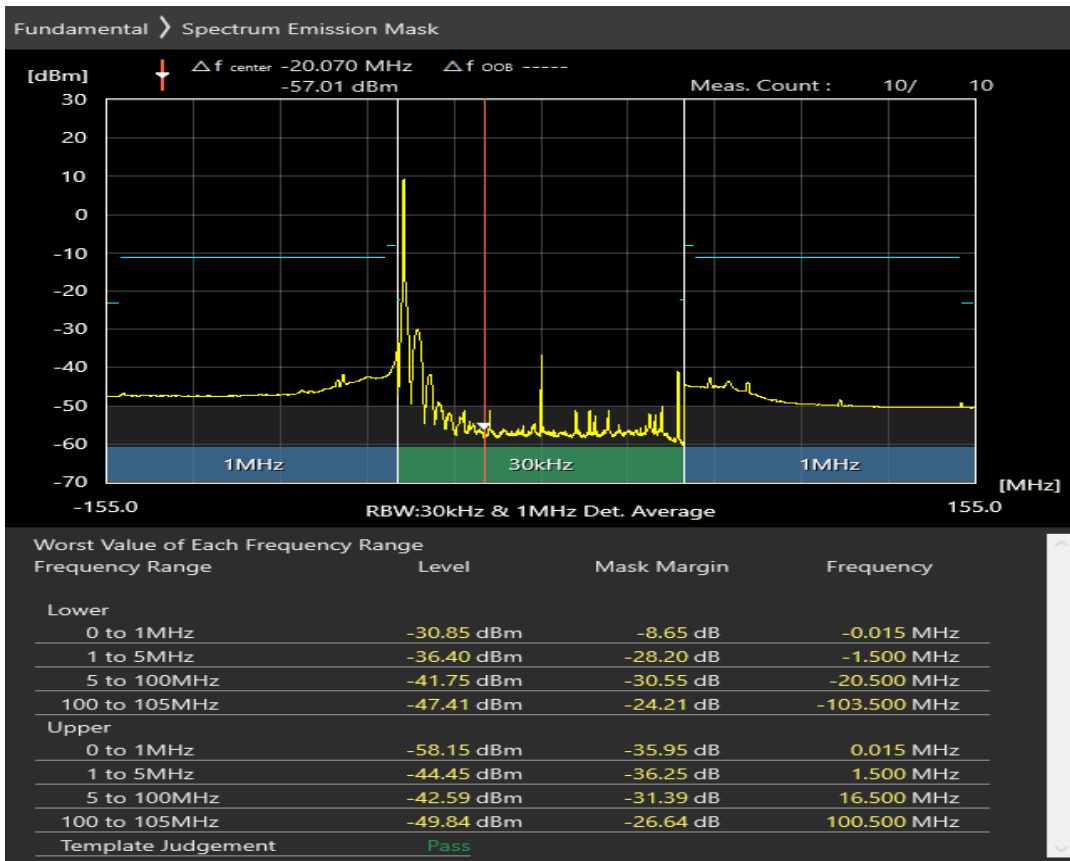
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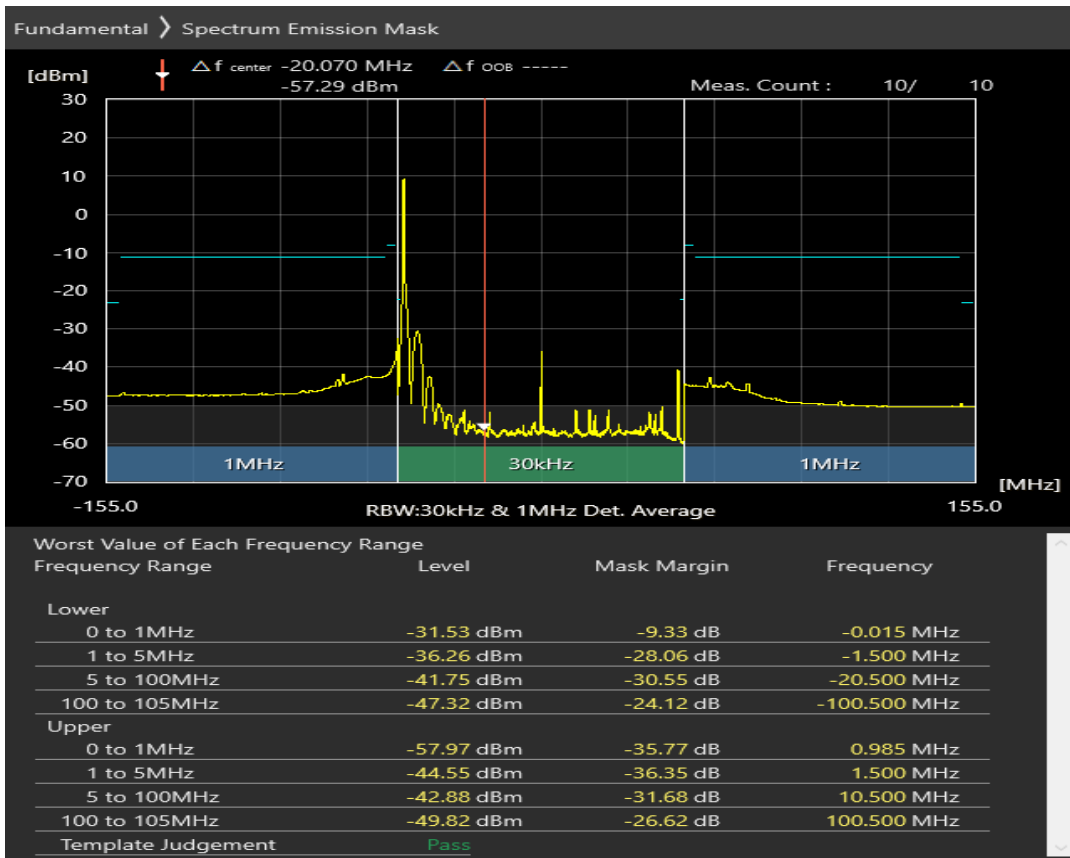
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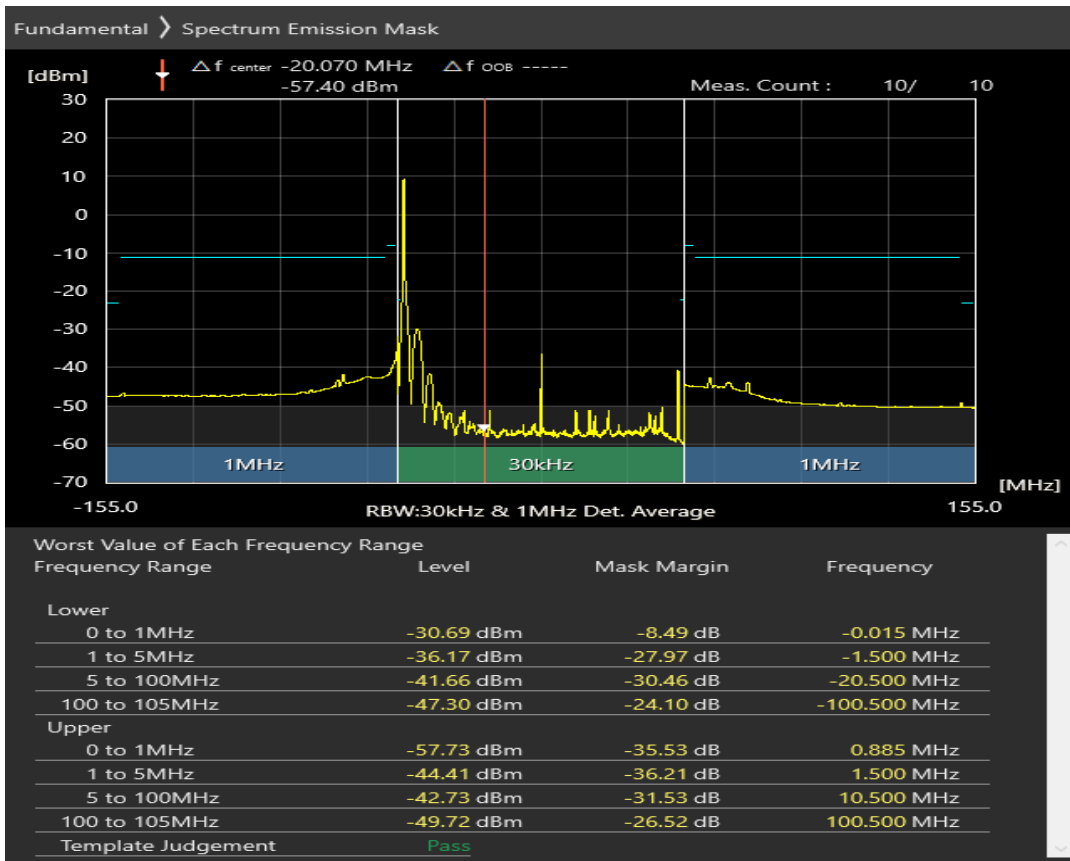
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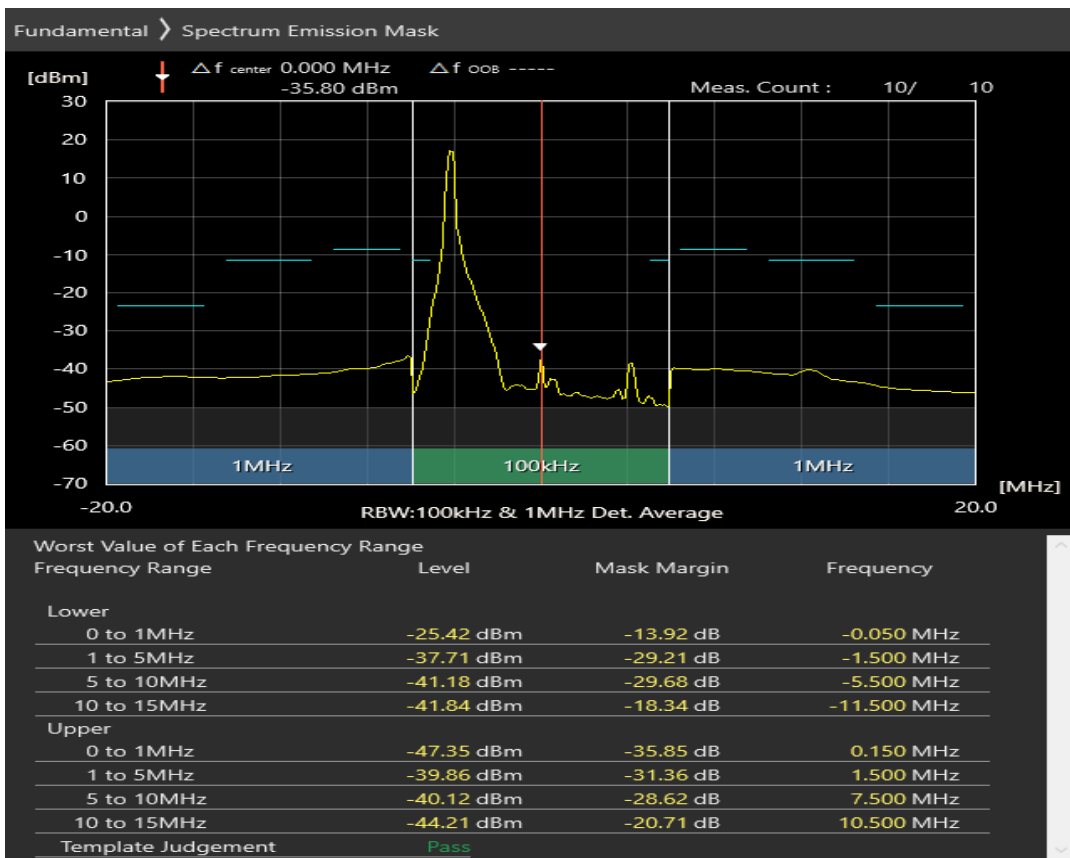
n78 SCS=30kHz CP_QAM256 BW=100MHz Channel=650000 RB=1@0



n78 SCS=30kHz CP_QAM256 BW=100MHz Channel=650000 RB=273@0



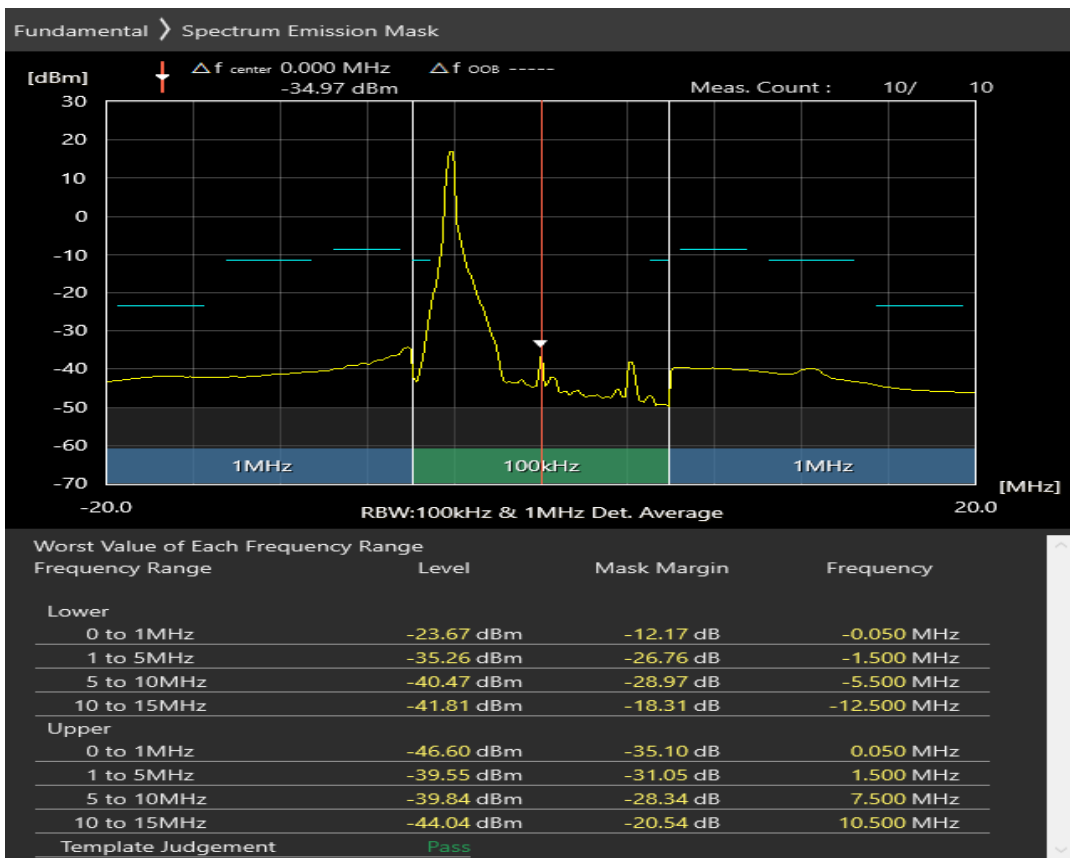
n8 SCS=30kHz DFT_BPSK BW=10MHz Channel=177000 RB=1@0



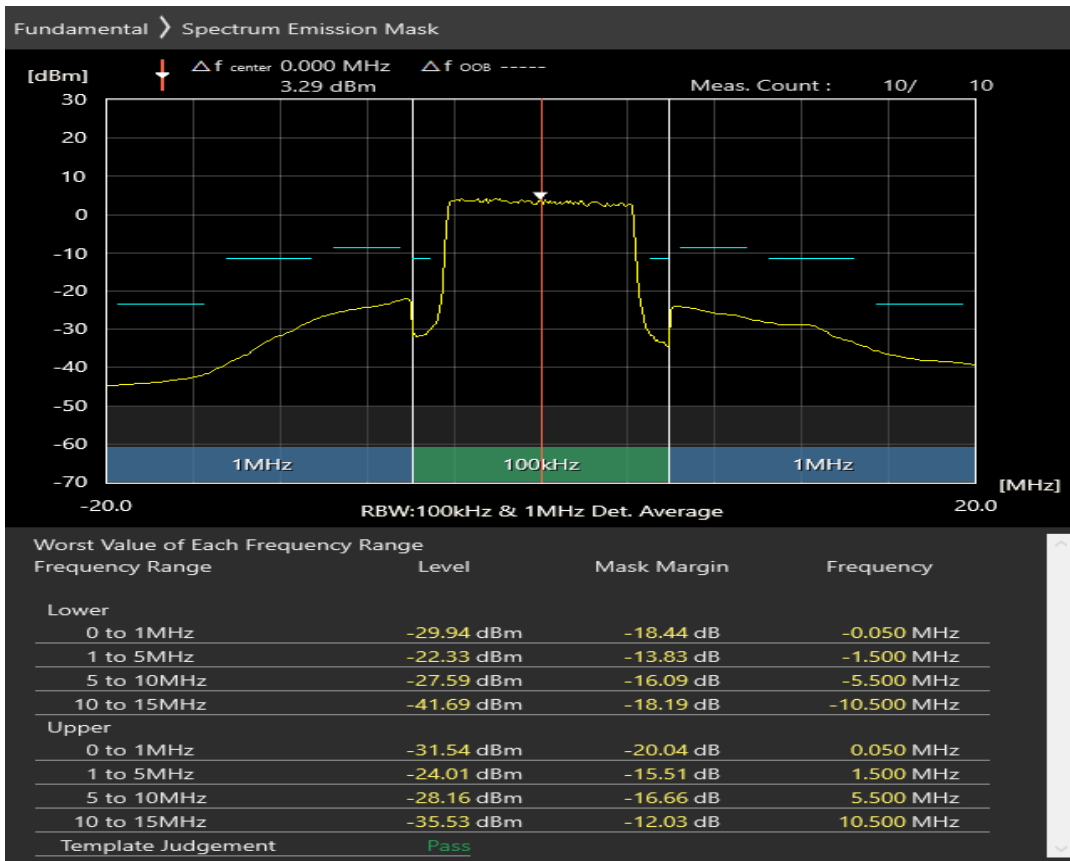
n8 SCS=30kHz DFT_BPSK BW=10MHz Channel=177000 RB=24@0



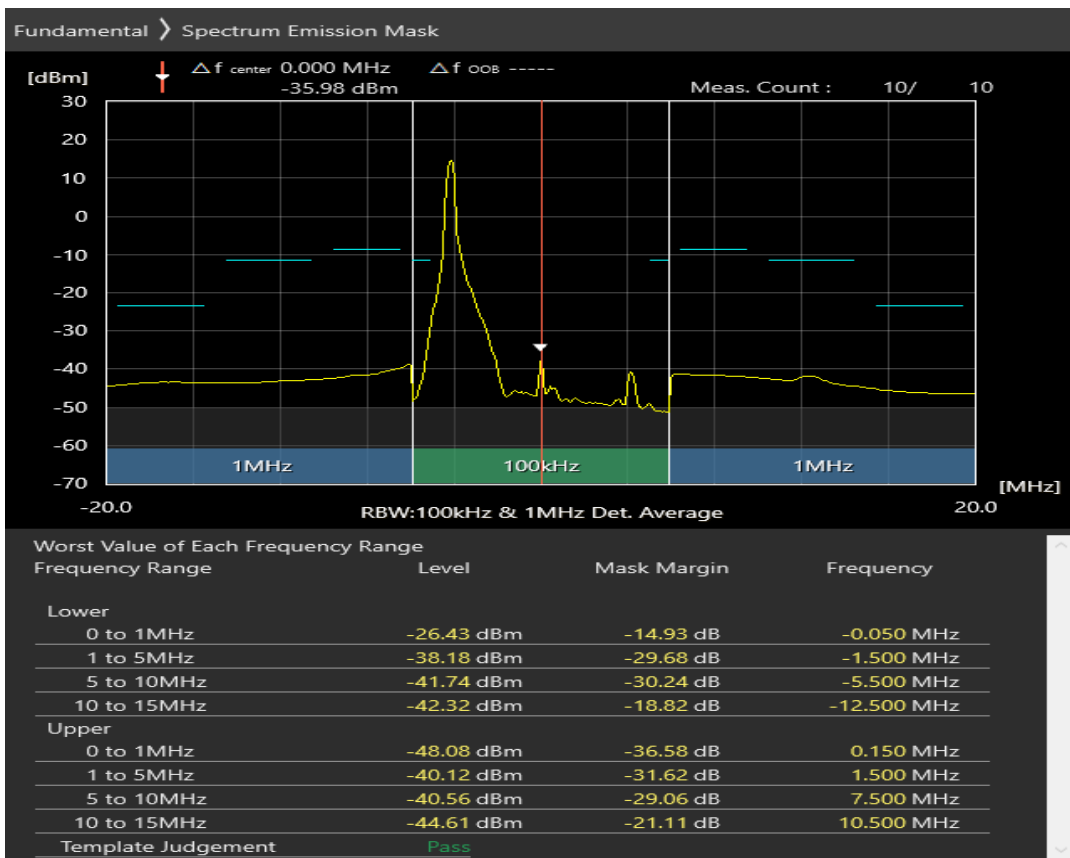
n8 SCS=30kHz DFT_QPSK BW=10MHz Channel=177000 RB=1@0



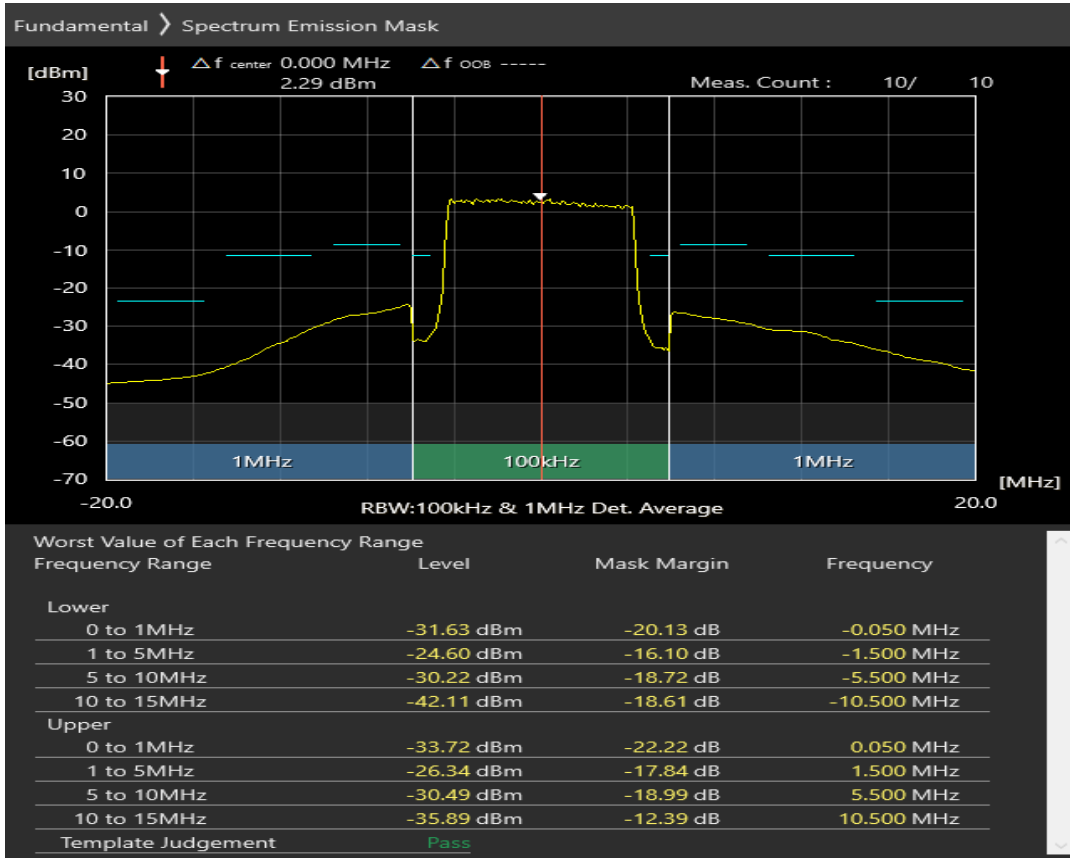
n8 SCS=30kHz DFT_QPSK BW=10MHz Channel=177000 RB=24@0



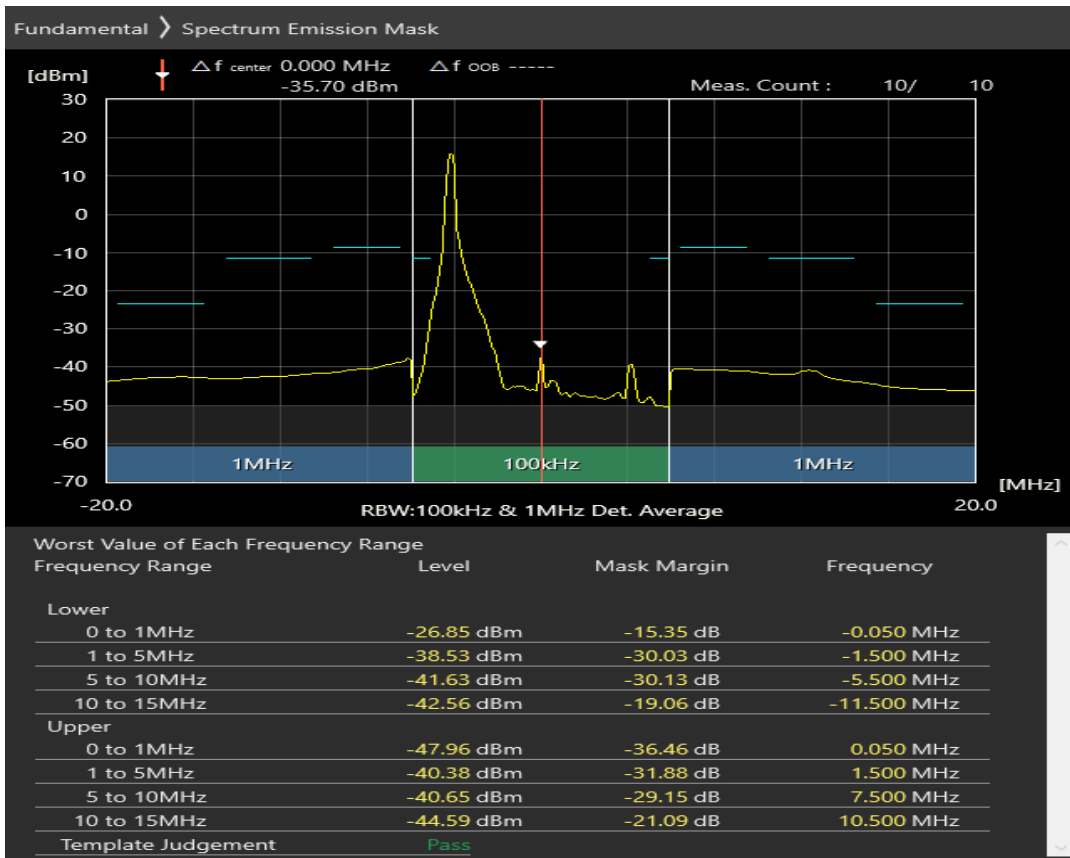
n8 SCS=30kHz DFT_QAM16 BW=10MHz Channel=177000 RB=1@0



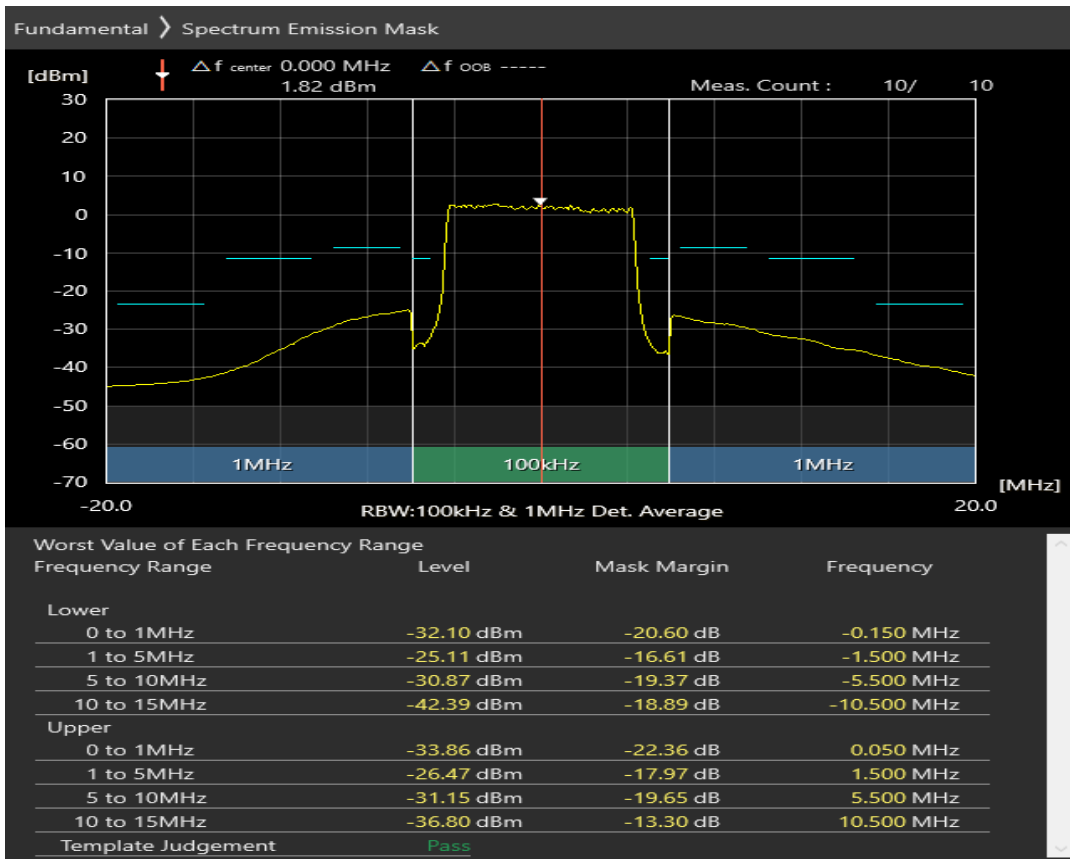
n8 SCS=30kHz DFT_QAM16 BW=10MHz Channel=177000 RB=24@0



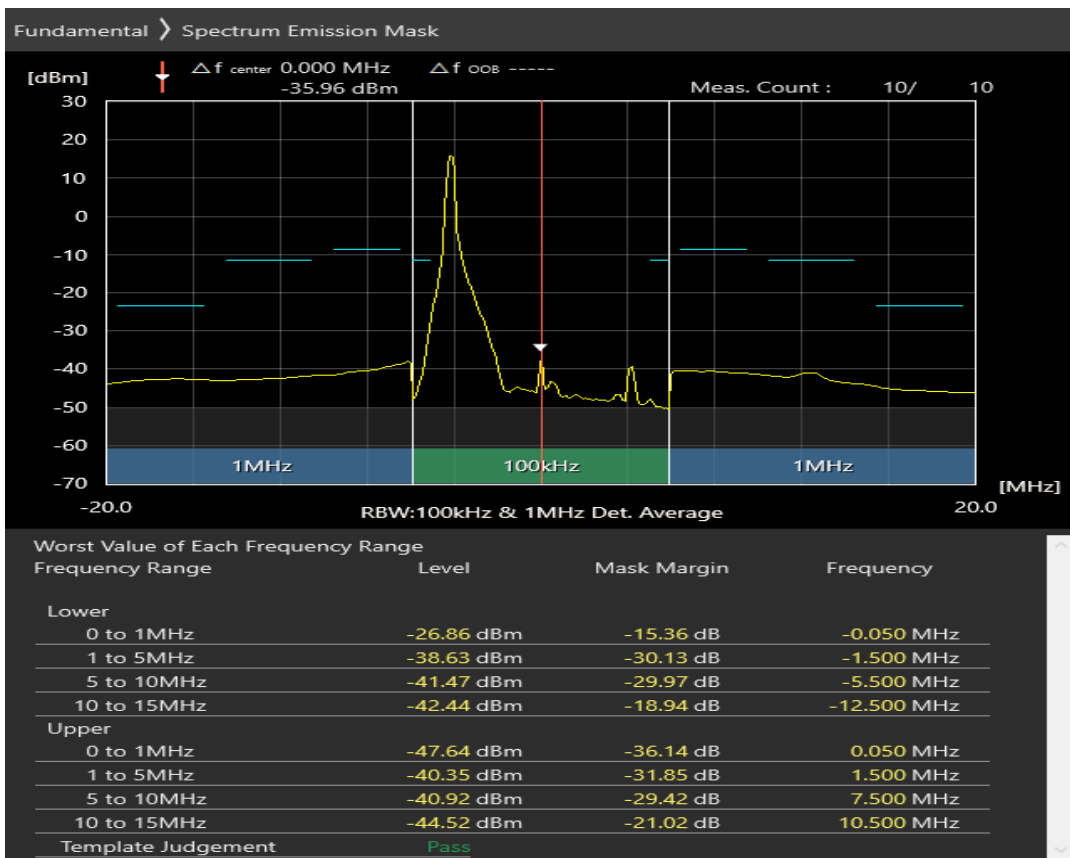
n8 SCS=30kHz DFT_QAM64 BW=10MHz Channel=177000 RB=1@0



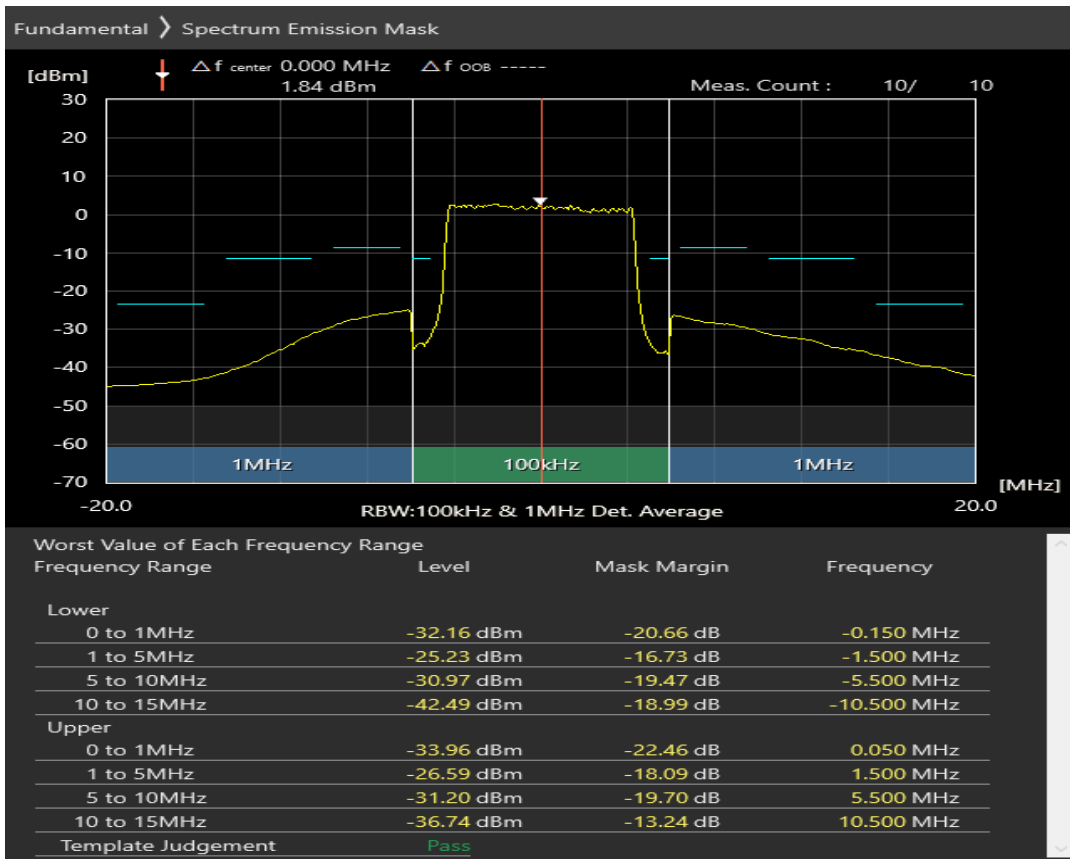
n8 SCS=30kHz DFT_QAM64 BW=10MHz Channel=177000 RB=24@0



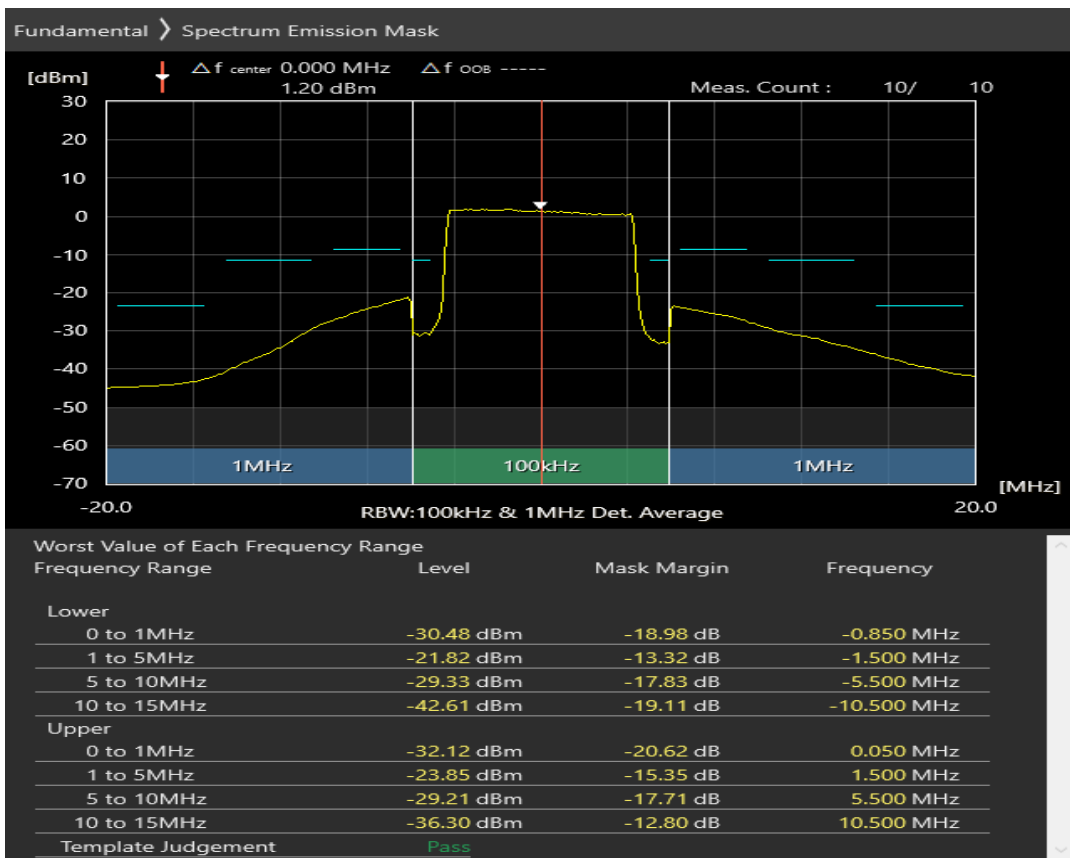
n8 SCS=30kHz DFT_QAM256 BW=10MHz Channel=177000 RB=1@0



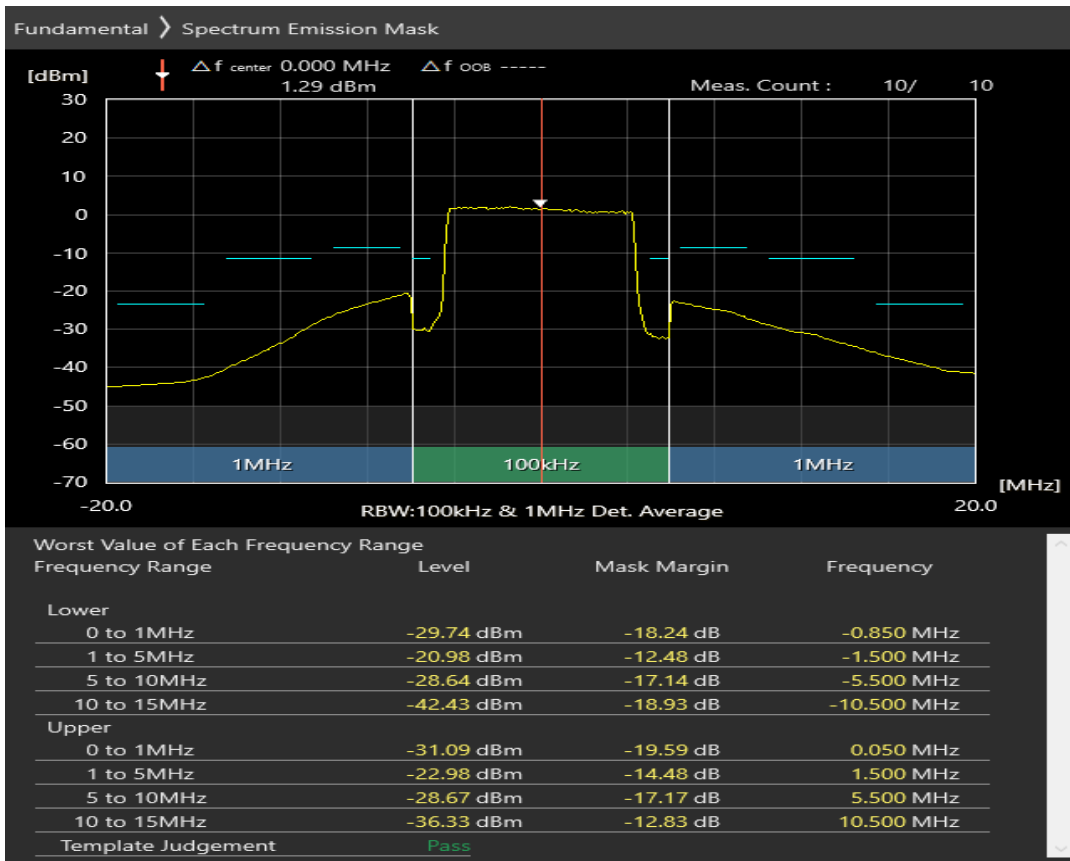
n8 SCS=30kHz DFT_QAM256 BW=10MHz Channel=177000 RB=24@0



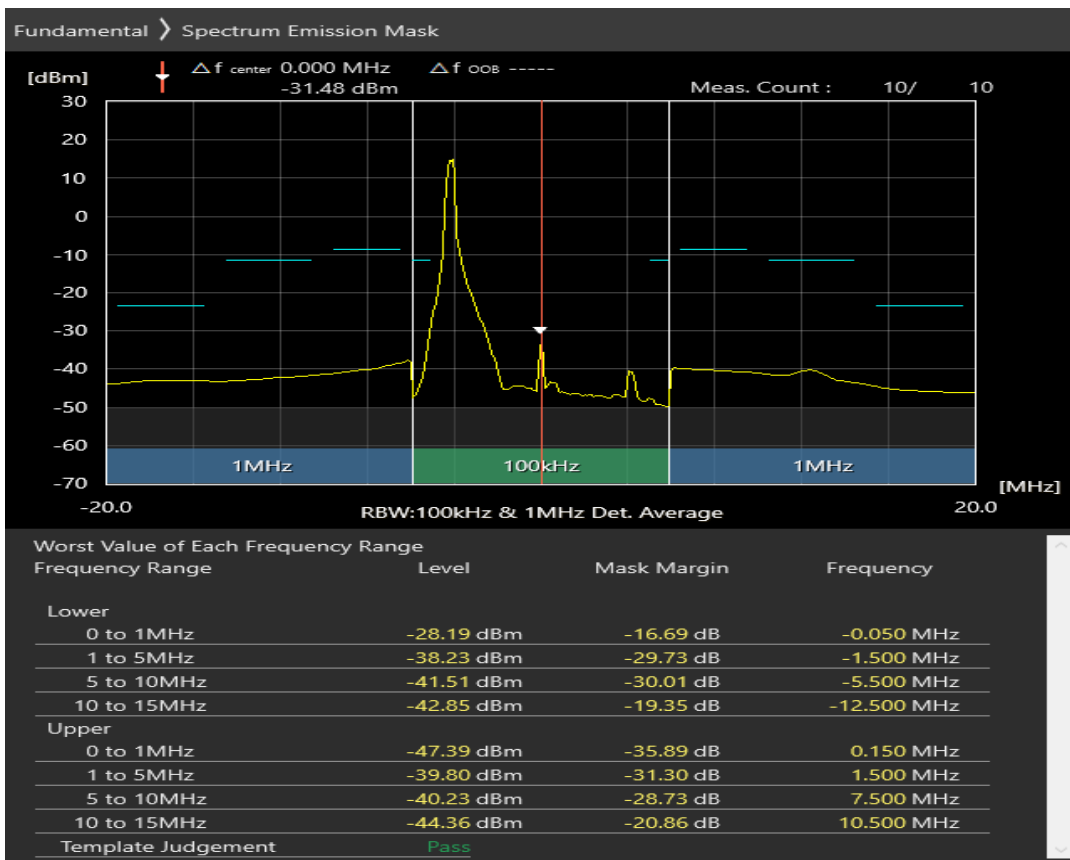
n8 SCS=30kHz CP_QPSK BW=10MHz Channel=177000 RB=1@0



n8 SCS=30kHz CP_QPSK BW=10MHz Channel=177000 RB=24@0



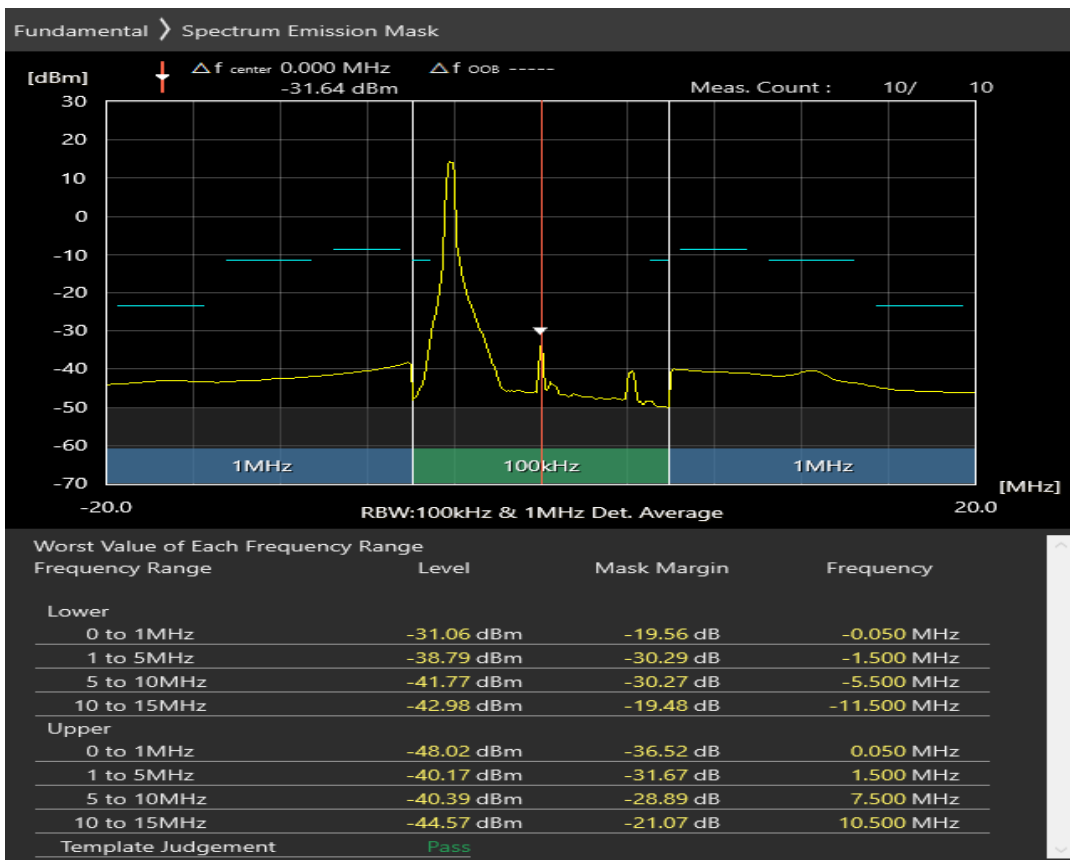
n8 SCS=30kHz CP_QAM16 BW=10MHz Channel=177000 RB=1@0



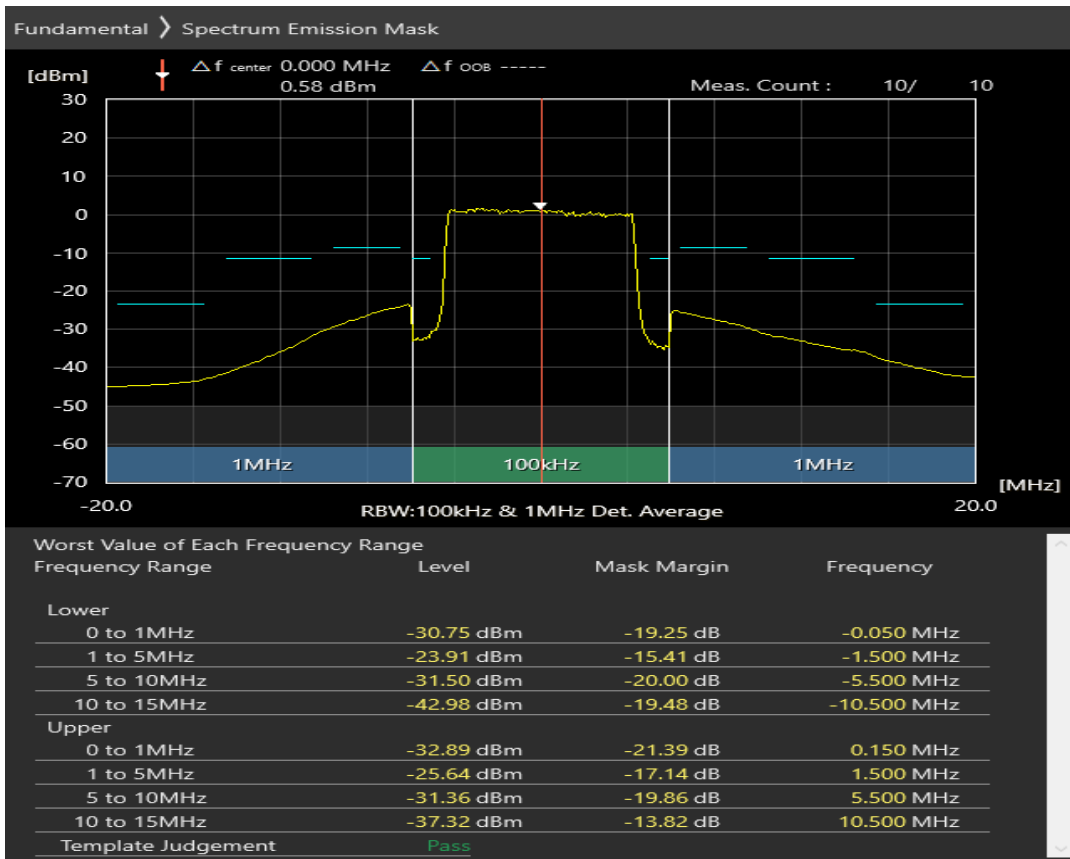
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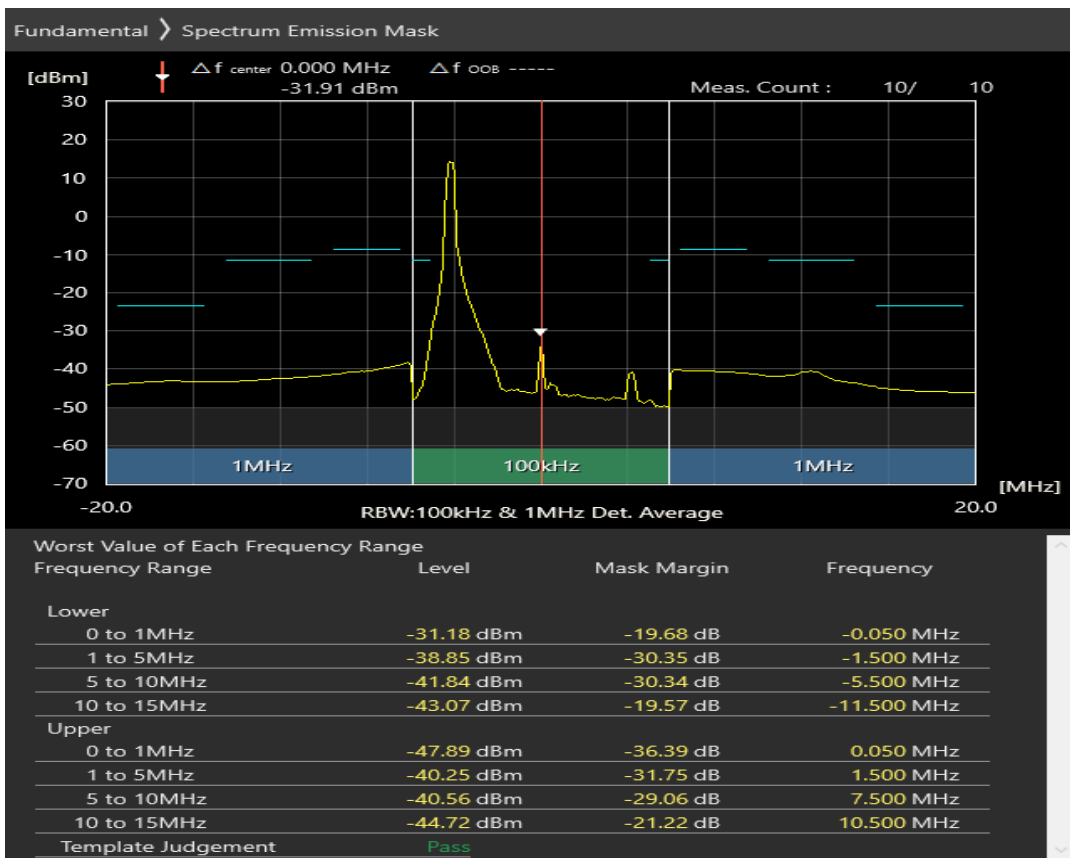
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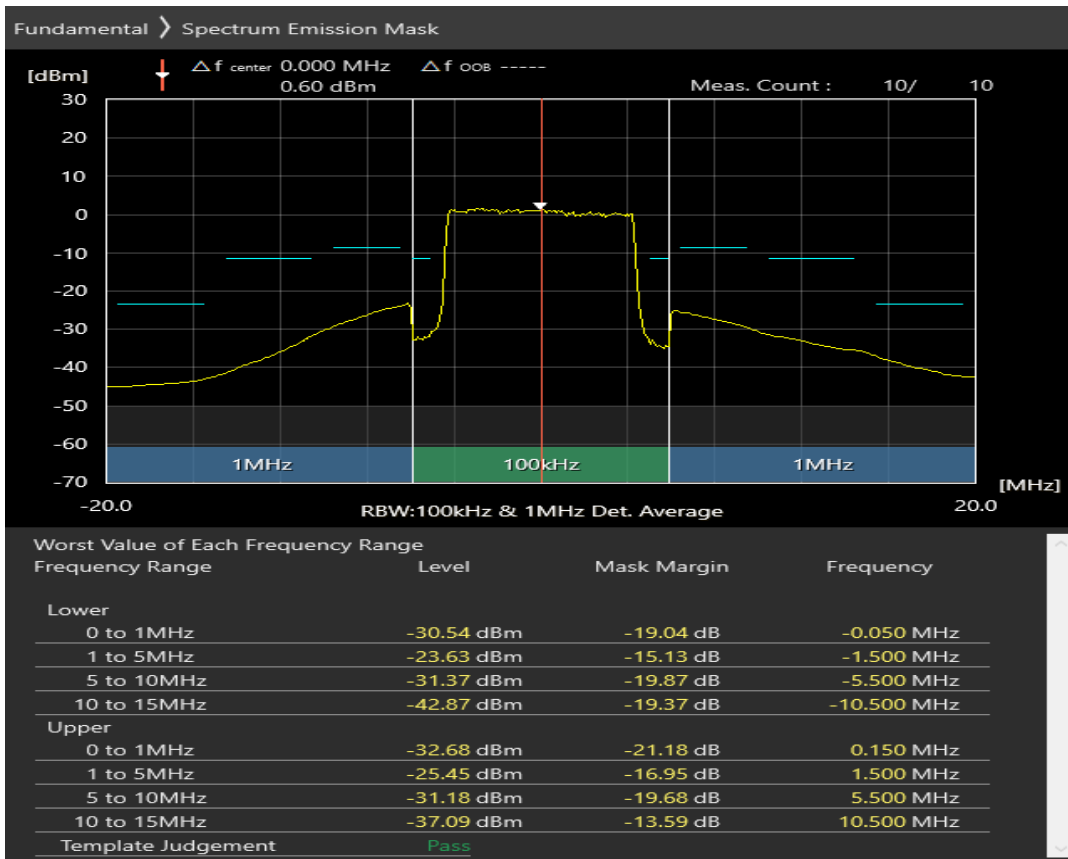
n8 SCS=30kHz CP_QAM64 BW=10MHz Channel=177000 RB=24@0



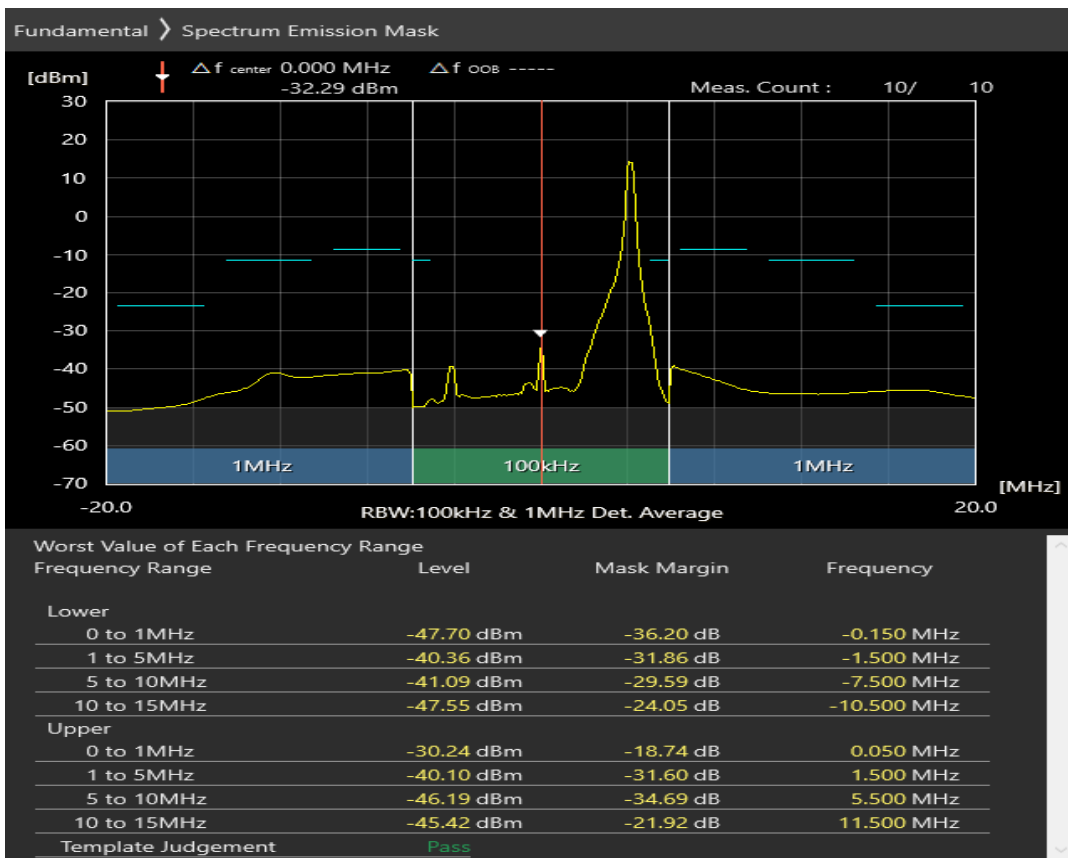
n8 SCS=30kHz CP_QAM256 BW=10MHz Channel=177000 RB=1@0



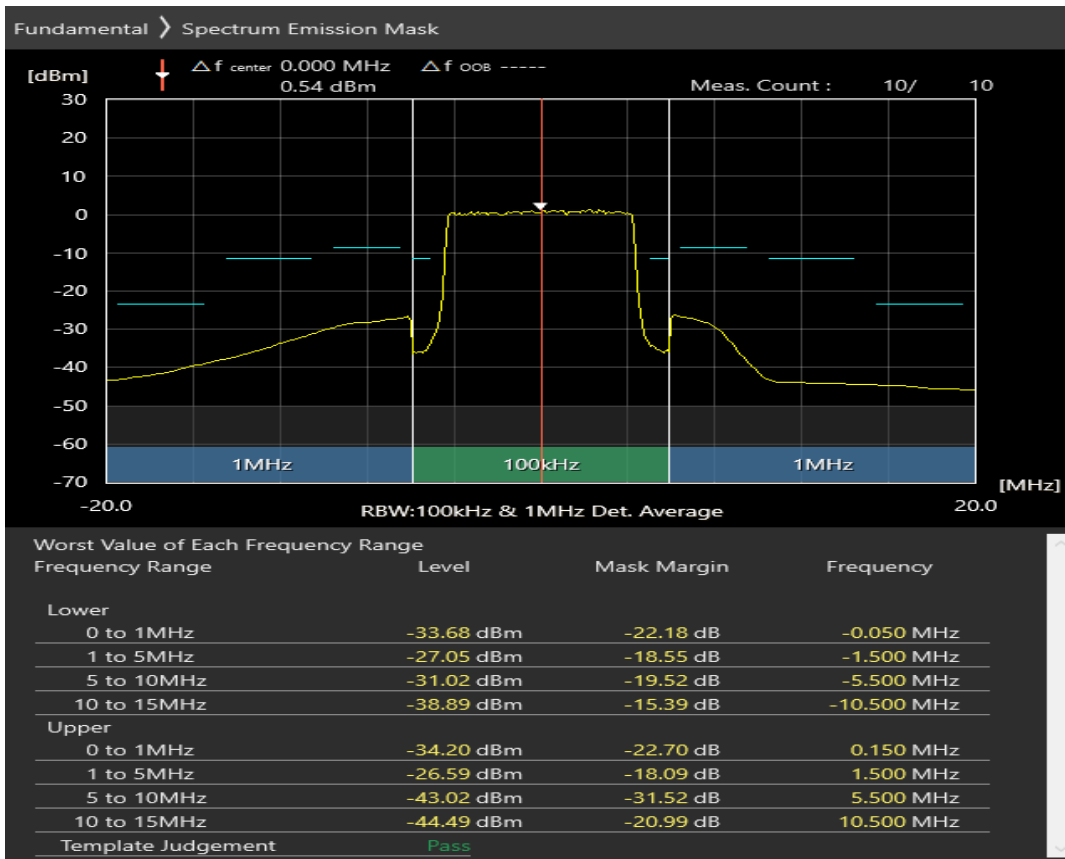
n8 SCS=30kHz CP_QAM256 BW=10MHz Channel=177000 RB=24@0



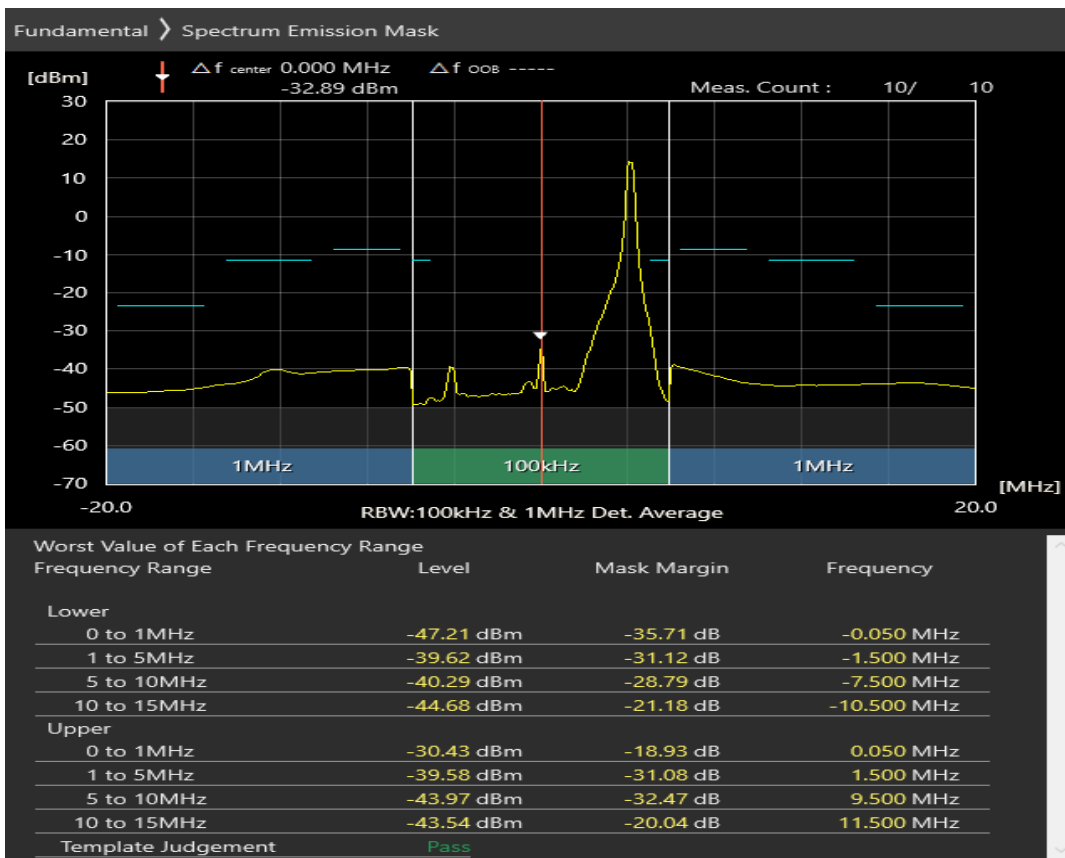
n8 SCS=30kHz DFT_BPSK BW=10MHz Channel=182000 RB=1@23



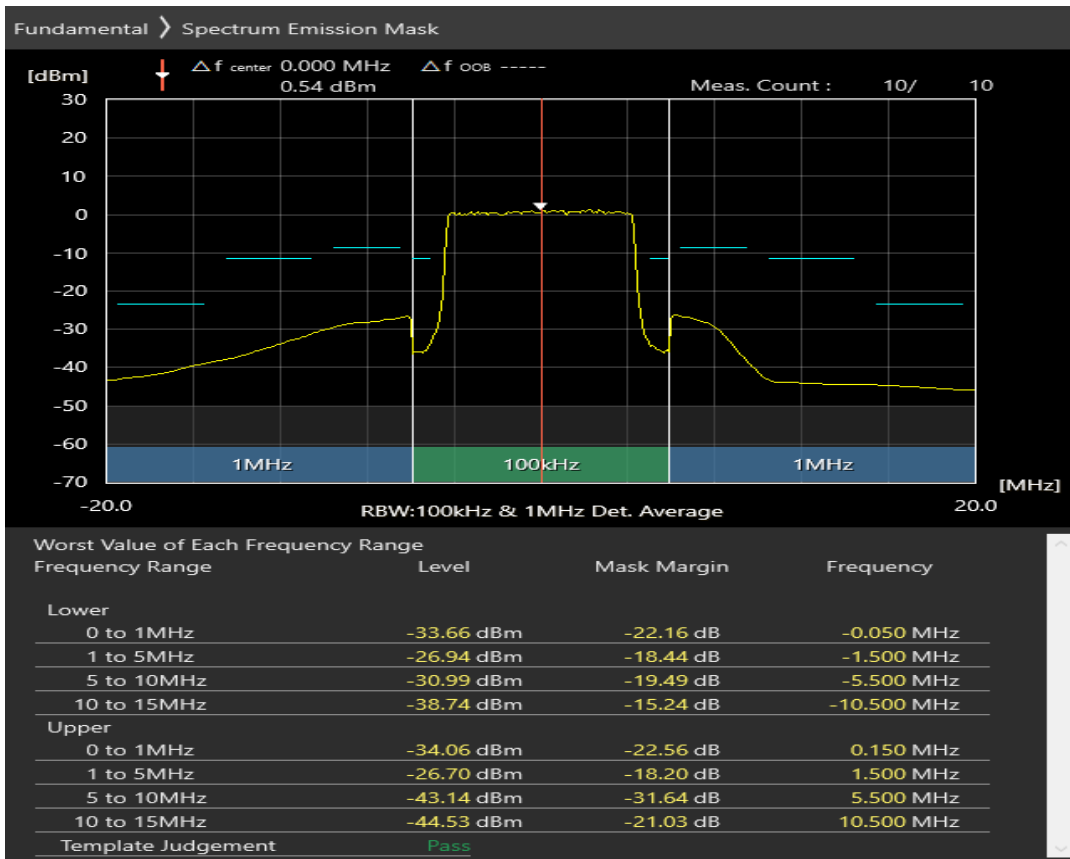
n8 SCS=30kHz DFT_BPSK BW=10MHz Channel=182000 RB=24@0



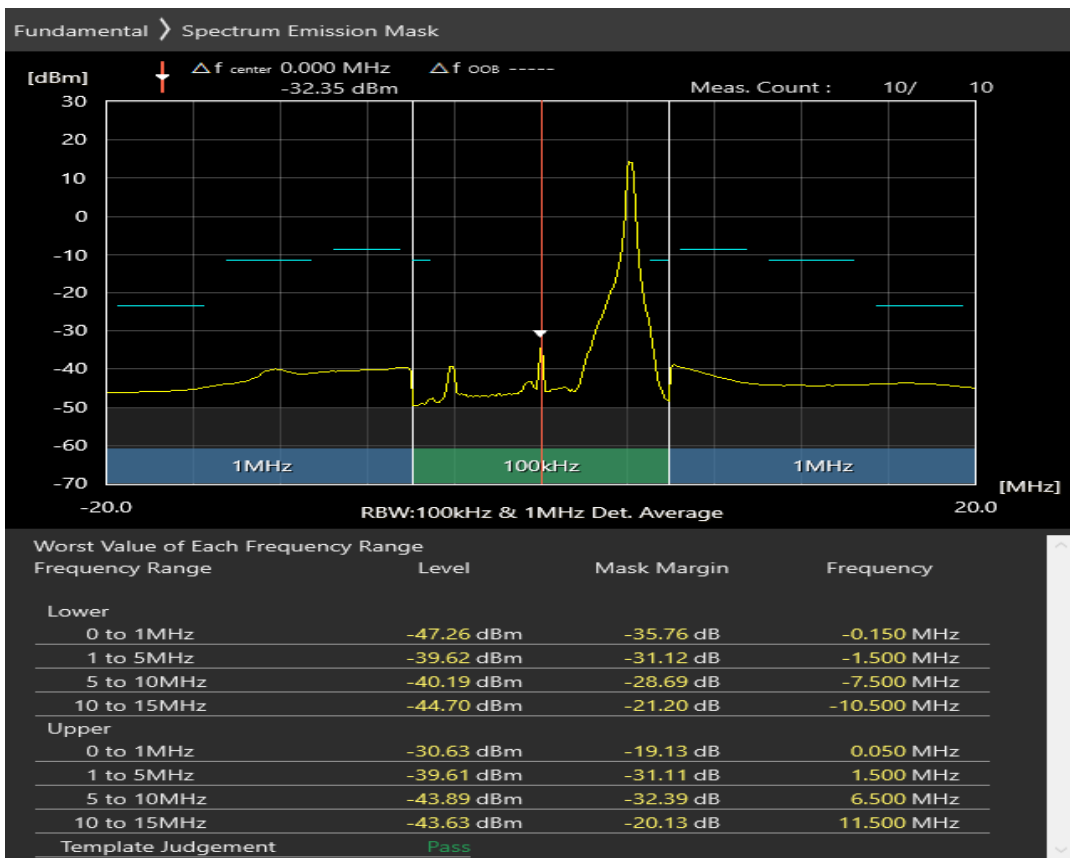
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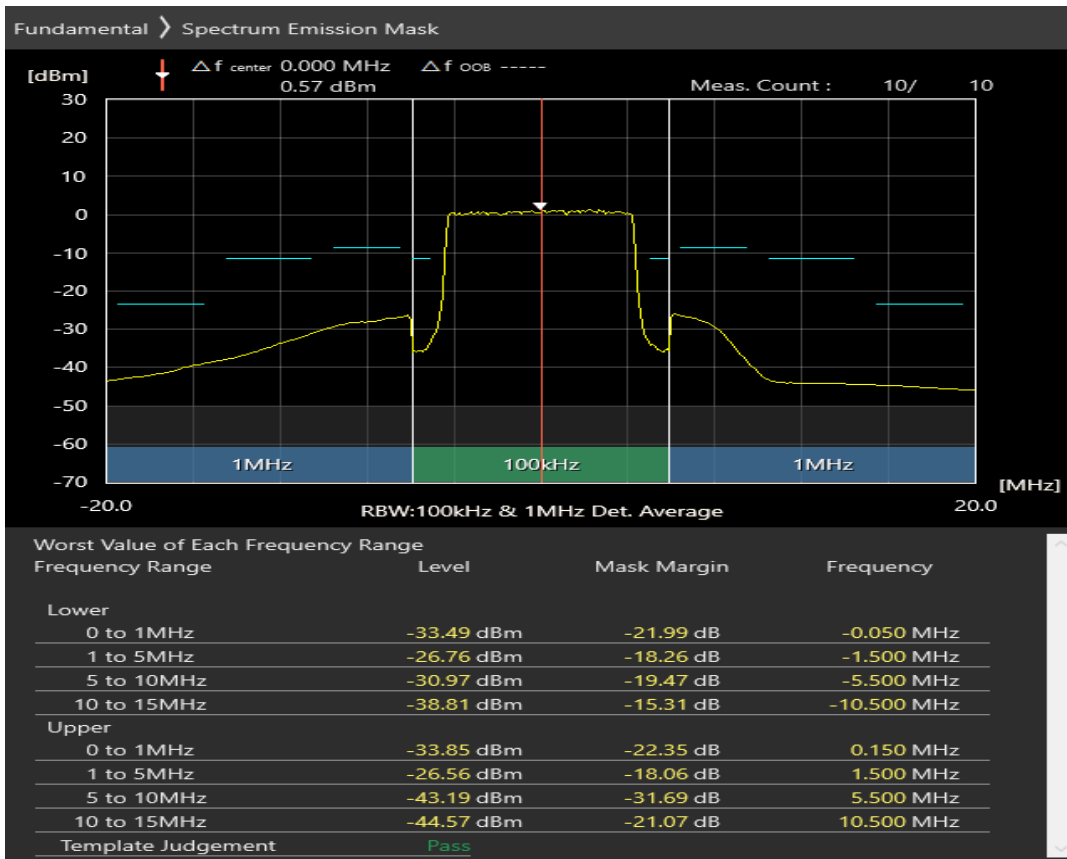
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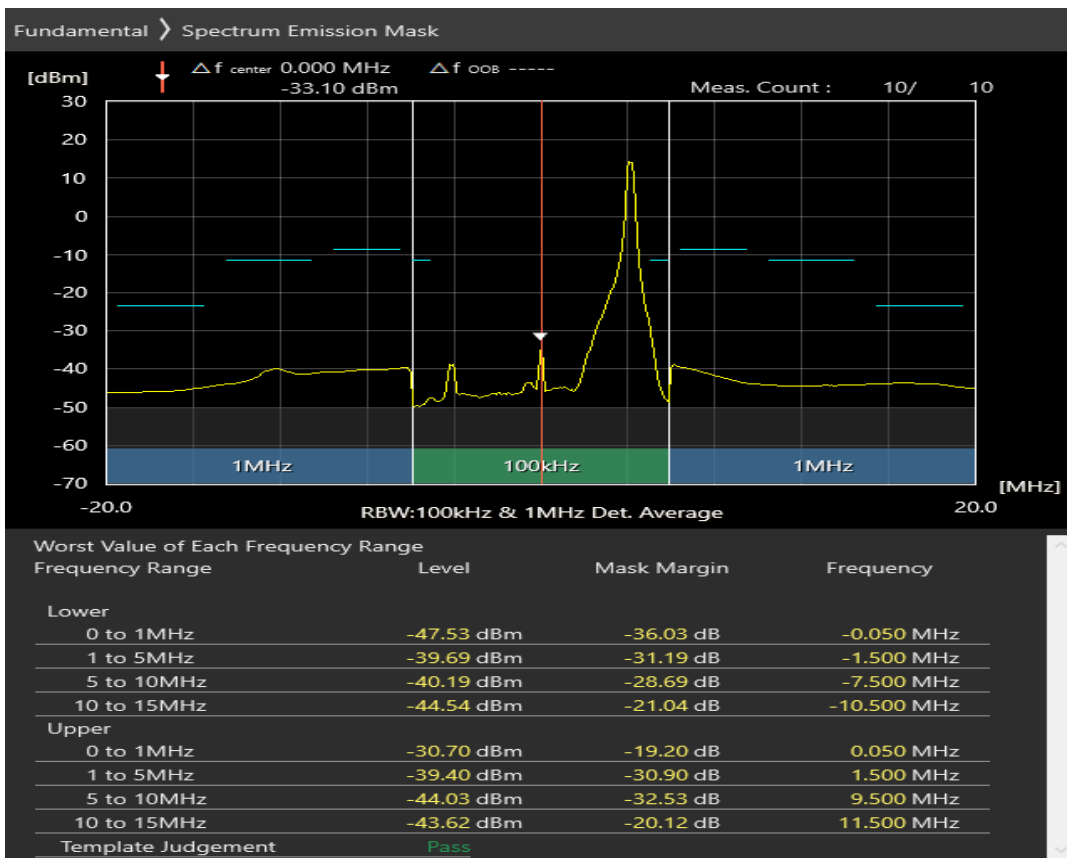
n8 SCS=30kHz DFT_QAM16 BW=10MHz Channel=182000 RB=1@23



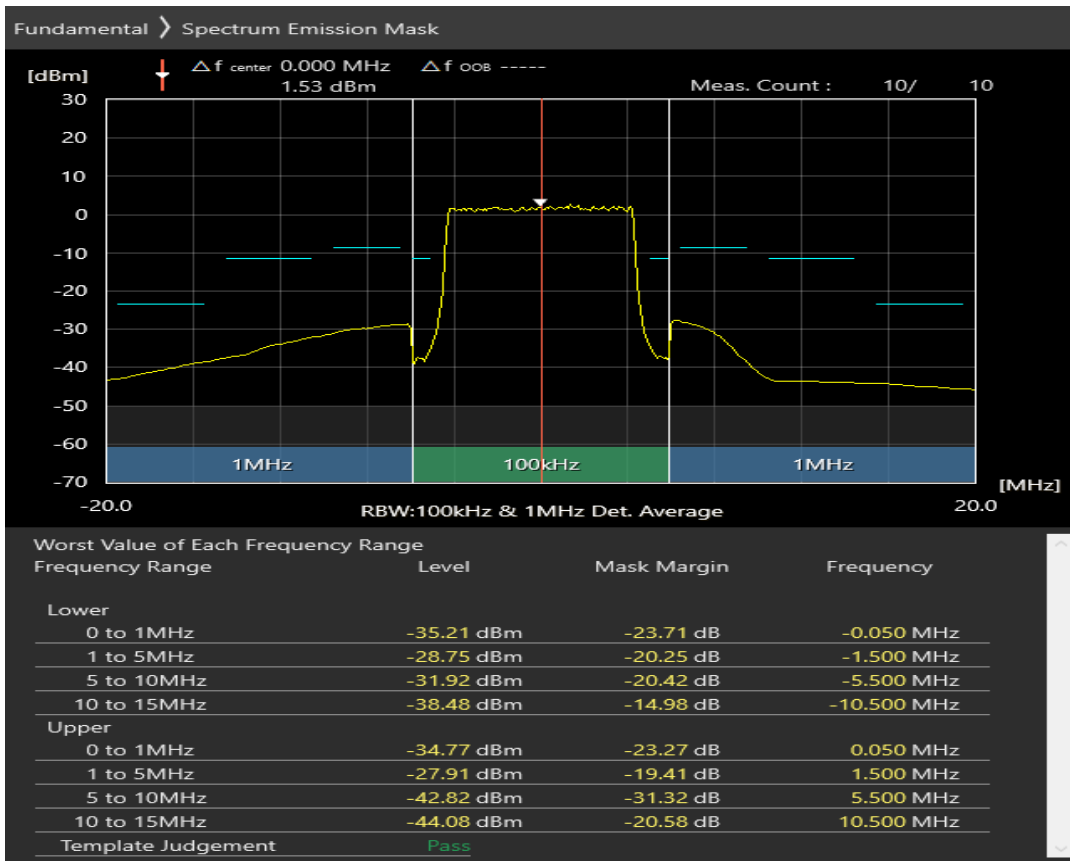
n8 SCS=30kHz DFT_QAM16 BW=10MHz Channel=182000 RB=24@0



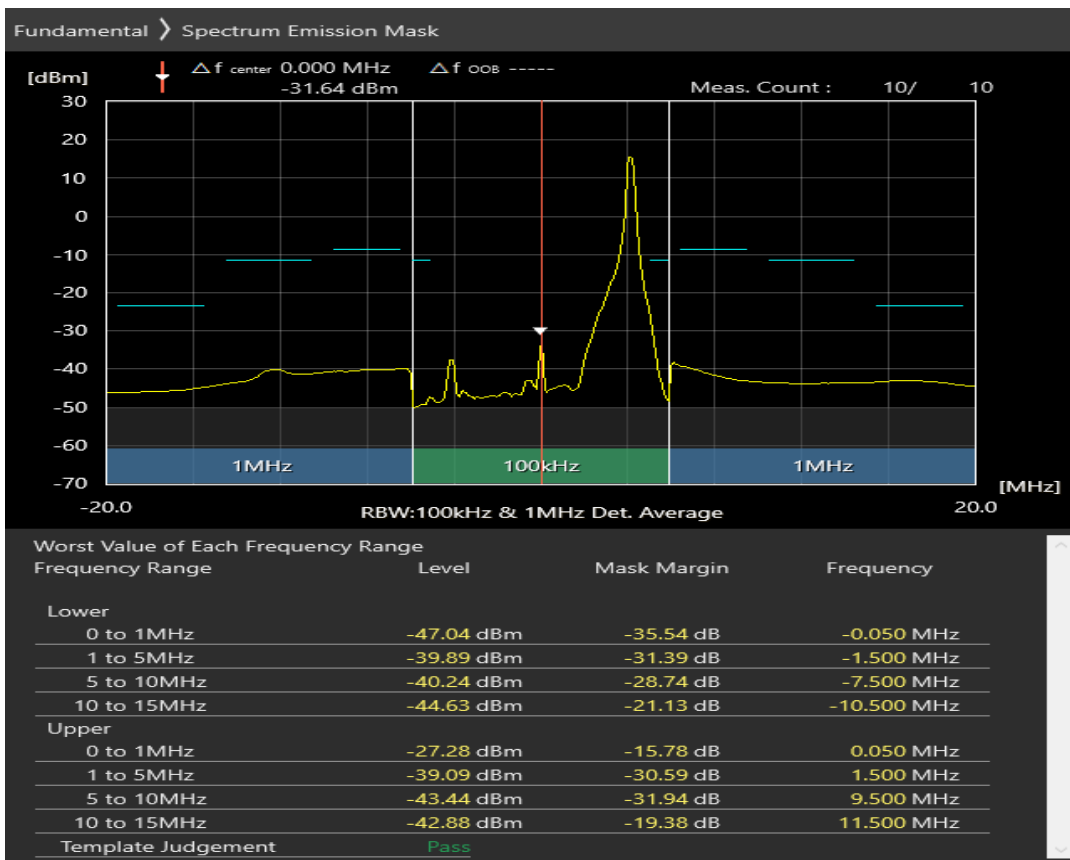
n8 SCS=30kHz DFT_QAM64 BW=10MHz Channel=182000 RB=1@23



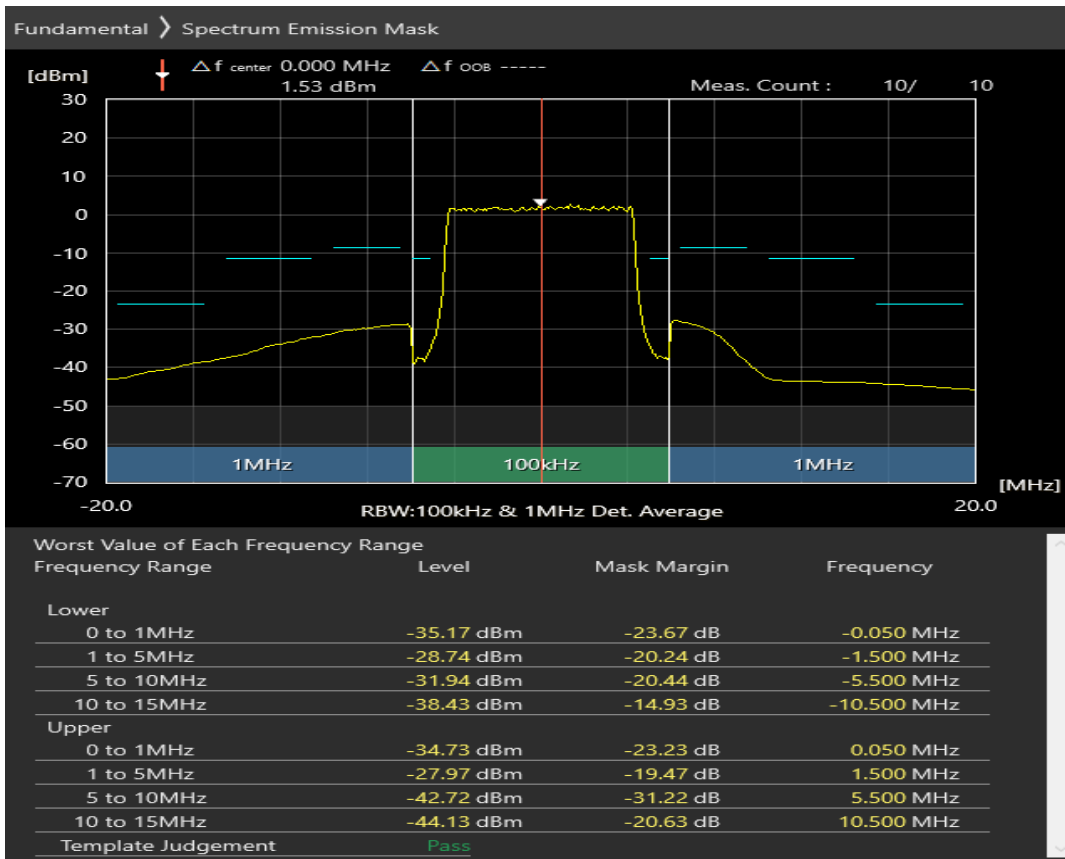
n8 SCS=30kHz DFT_QAM64 BW=10MHz Channel=182000 RB=24@0



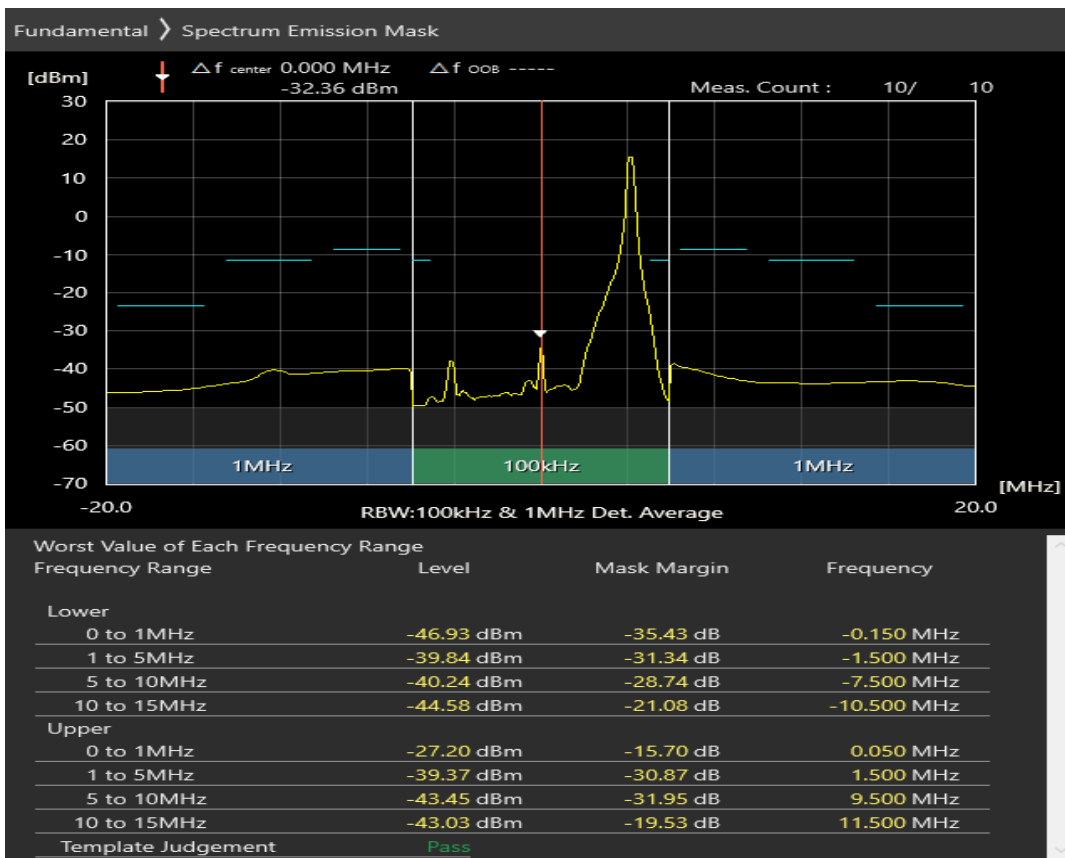
n8 SCS=30kHz DFT_QAM256 BW=10MHz Channel=182000 RB=1@23



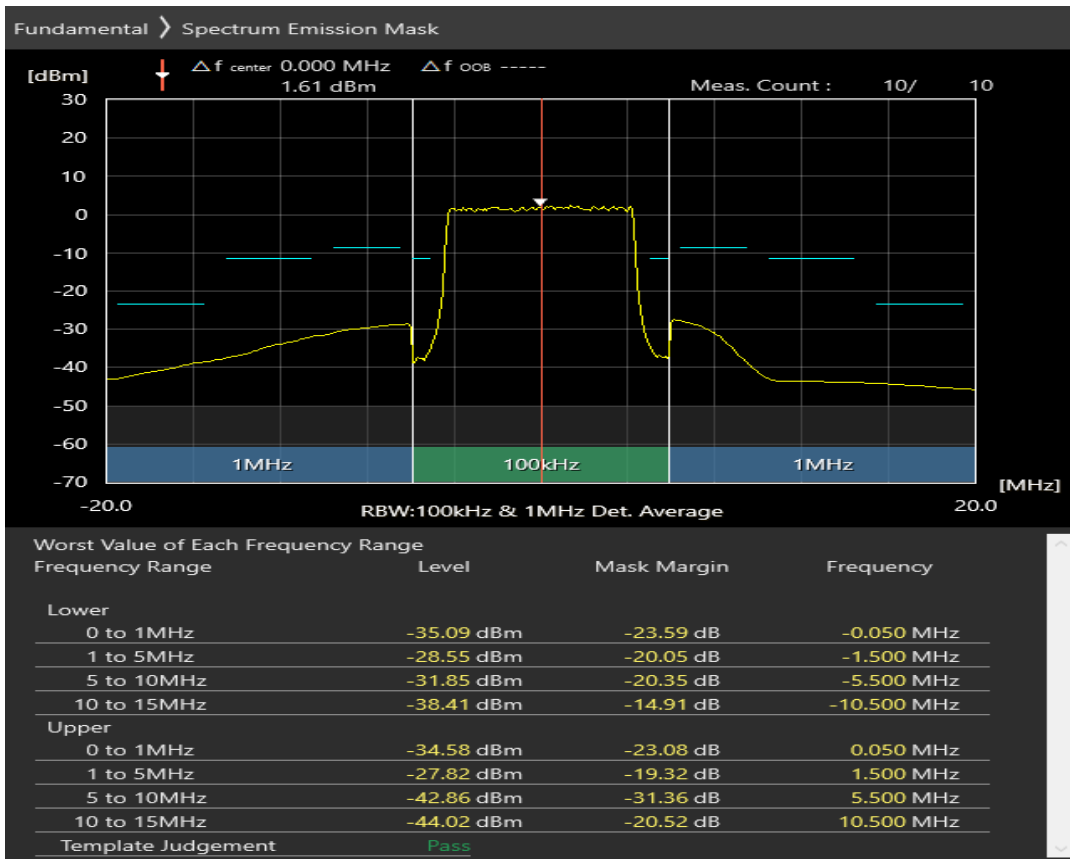
n8 SCS=30kHz DFT_QAM256 BW=10MHz Channel=182000 RB=24@0



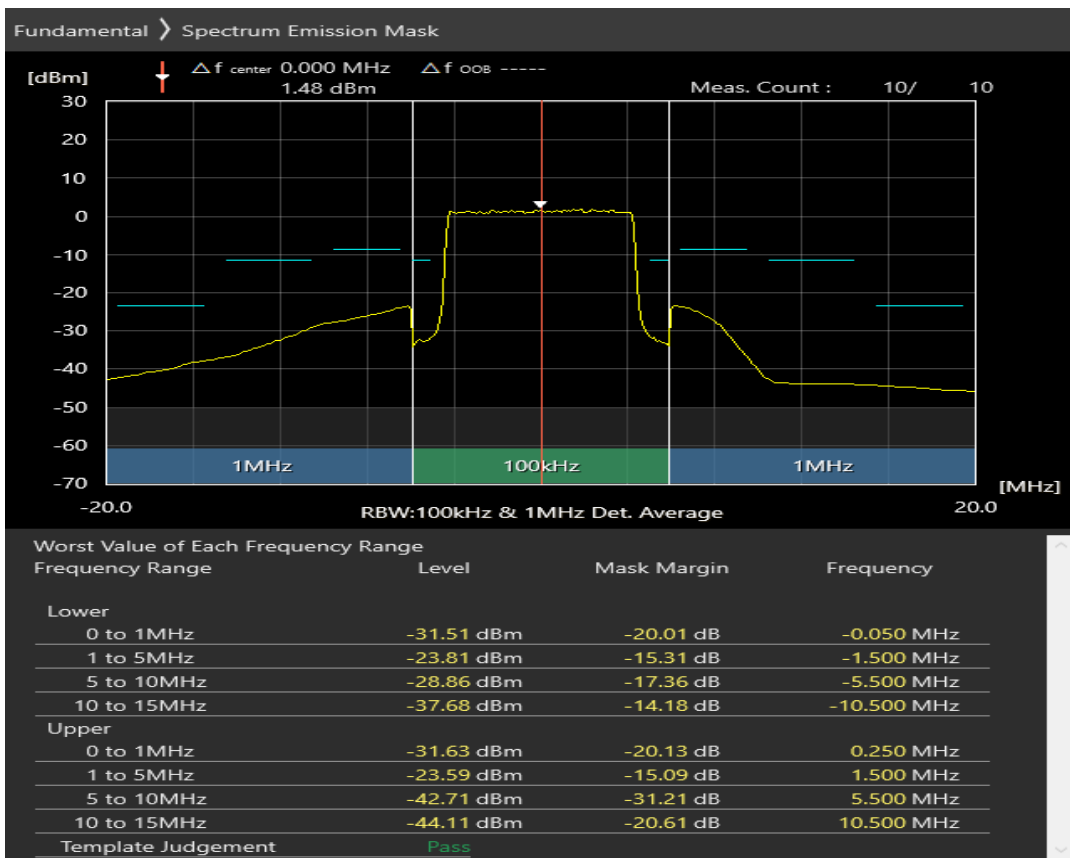
n8 SCS=30kHz CP_QPSK BW=10MHz Channel=182000 RB=1@23



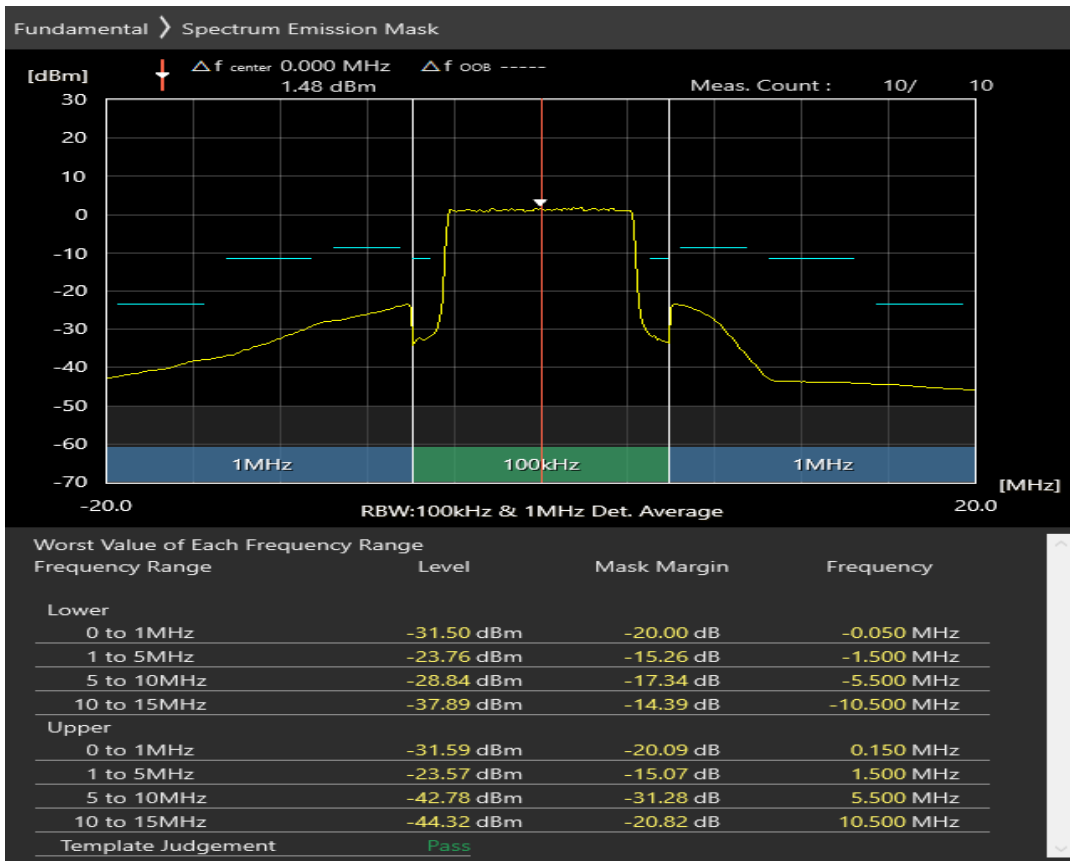
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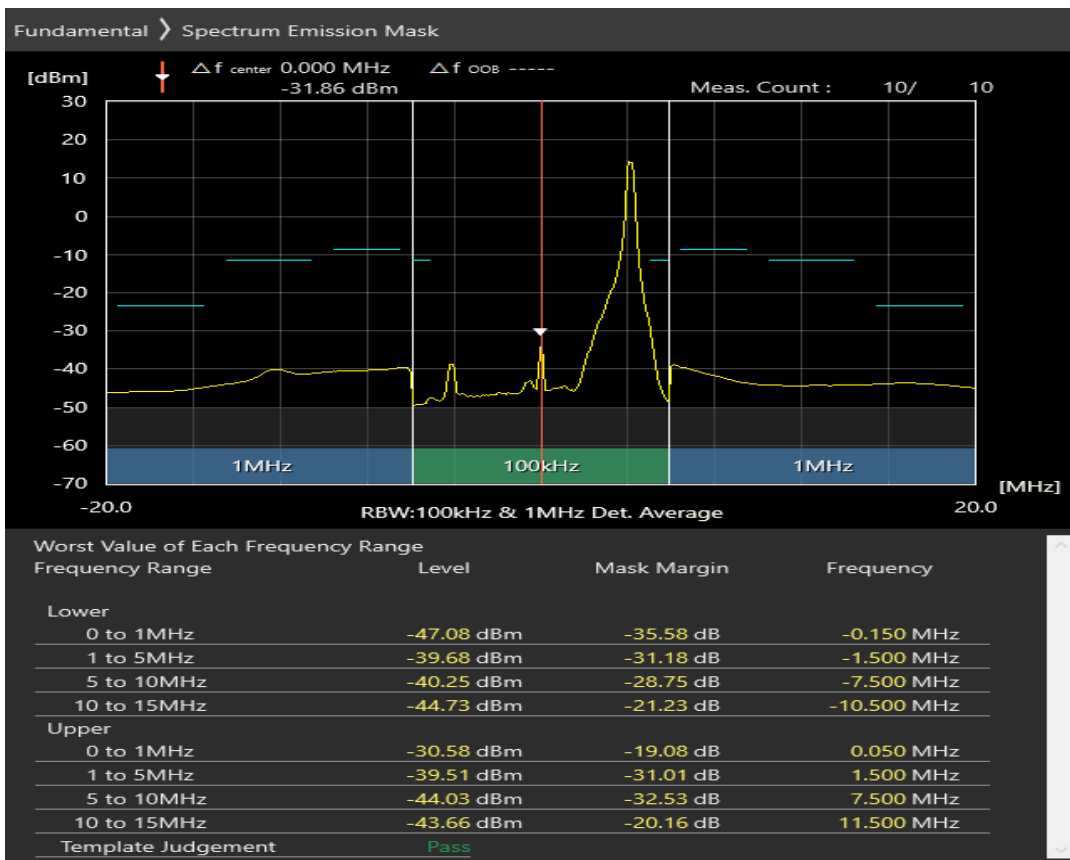
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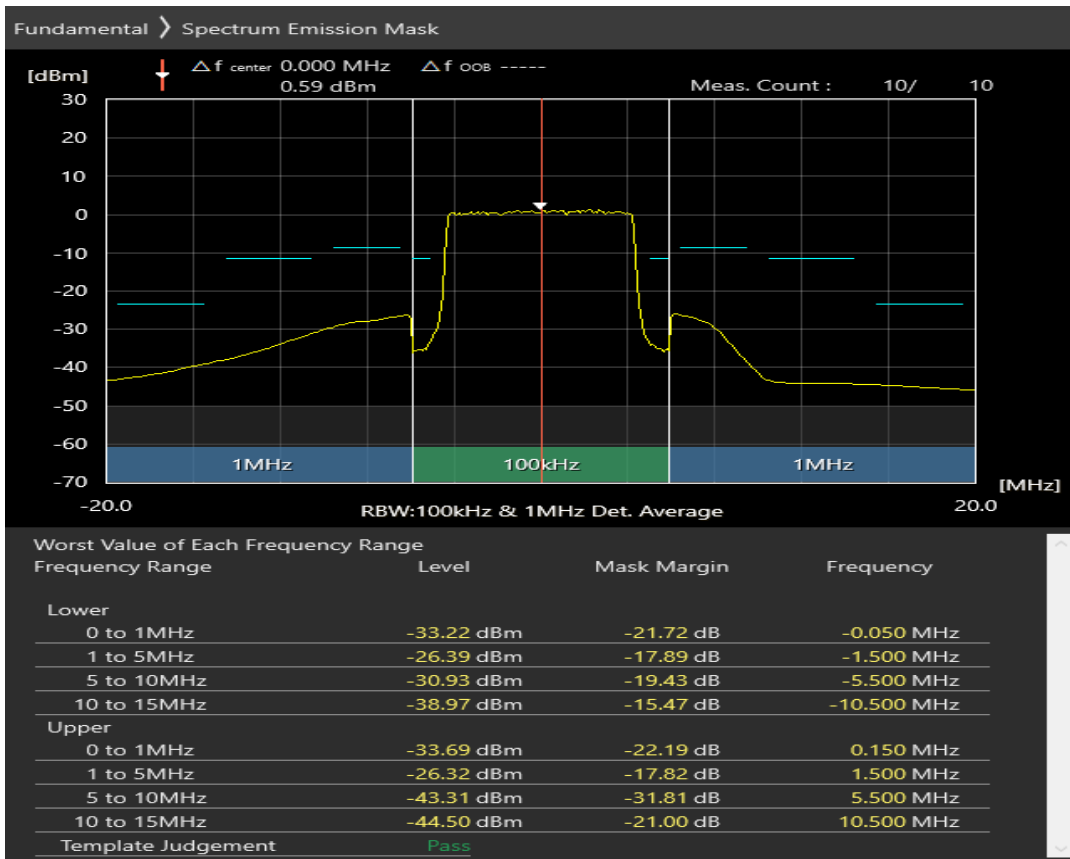
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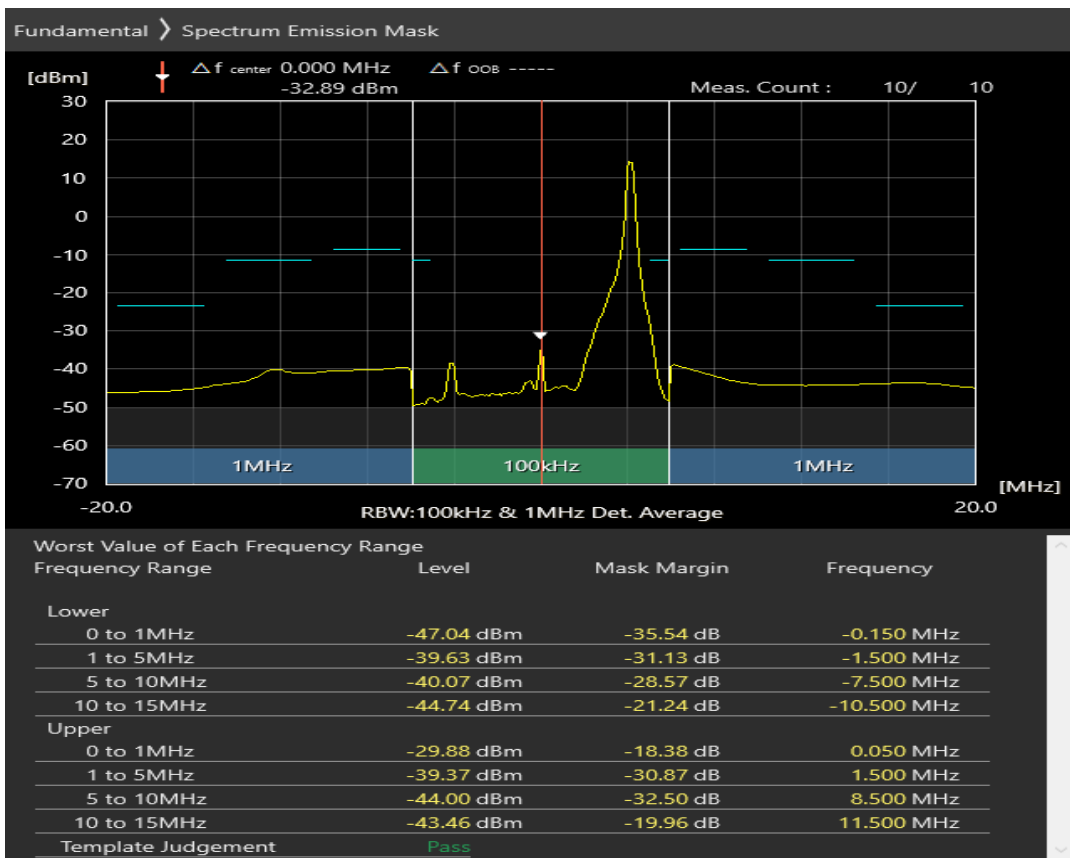
n8 SCS=30kHz CP_QAM64 BW=10MHz Channel=182000 RB=1@23



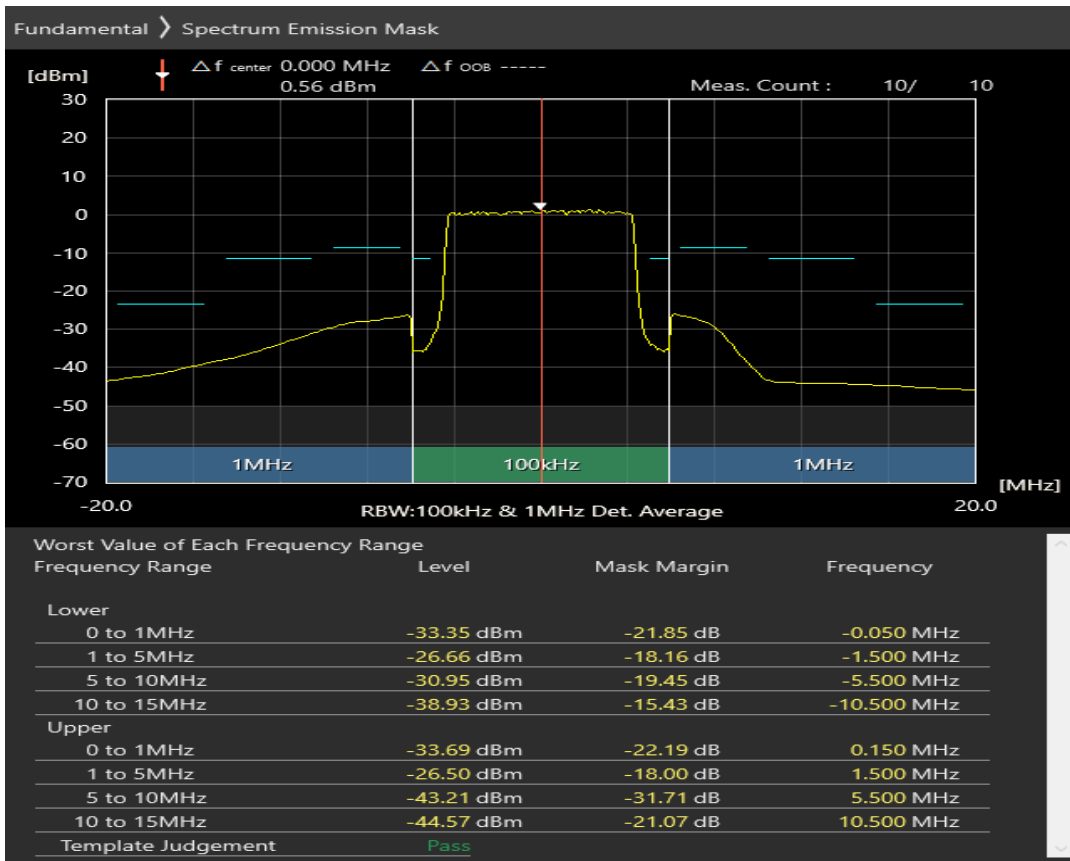
n8 SCS=30kHz CP_QAM64 BW=10MHz Channel=182000 RB=24@0



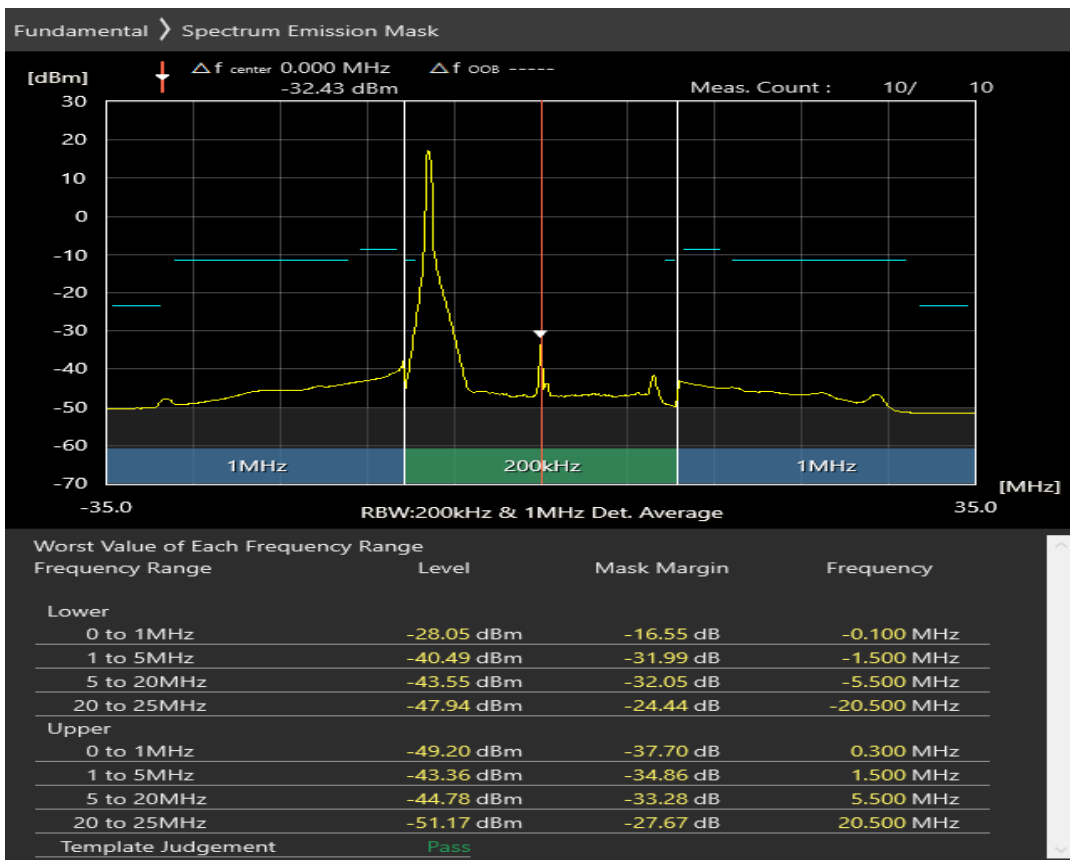
n8 SCS=30kHz CP_QAM256 BW=10MHz Channel=182000 RB=1@23



n8 SCS=30kHz CP_QAM256 BW=10MHz Channel=182000 RB=24@0



n8 SCS=30kHz DFT_BPSK BW=20MHz Channel=178000 RB=1@0



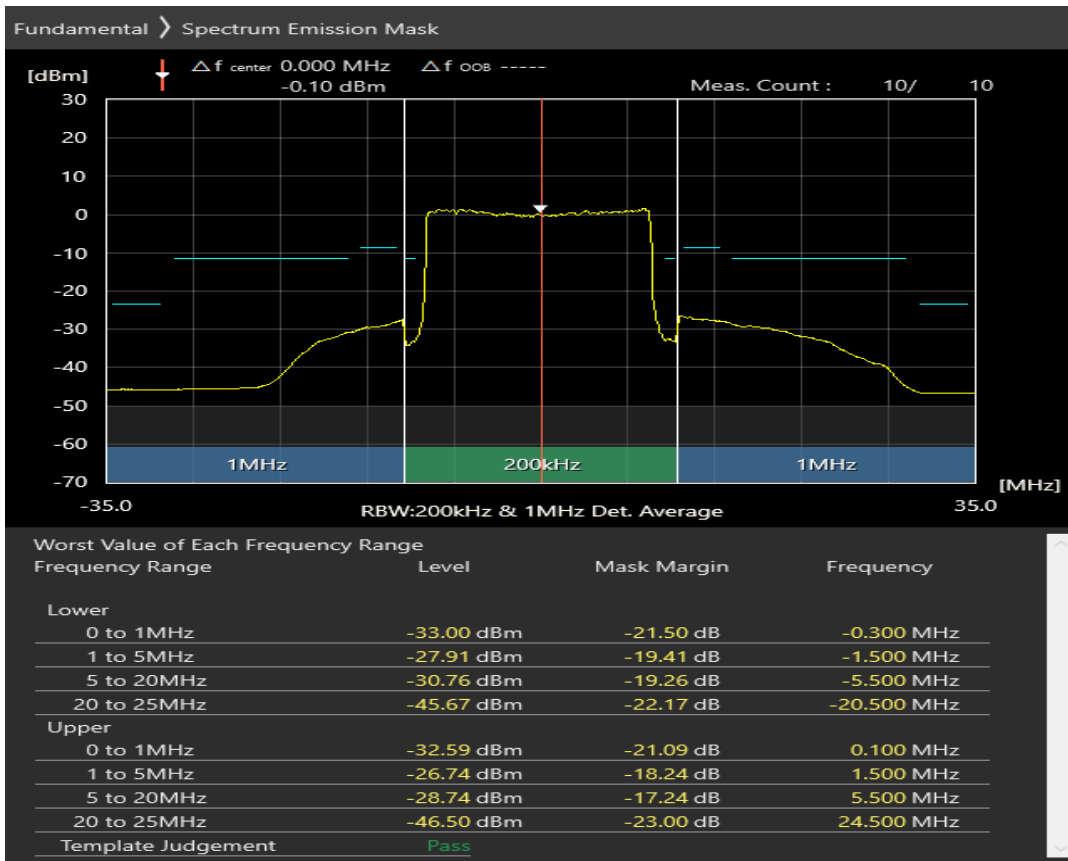
n8 SCS=30kHz DFT_BPSK BW=20MHz Channel=178000 RB=50@0



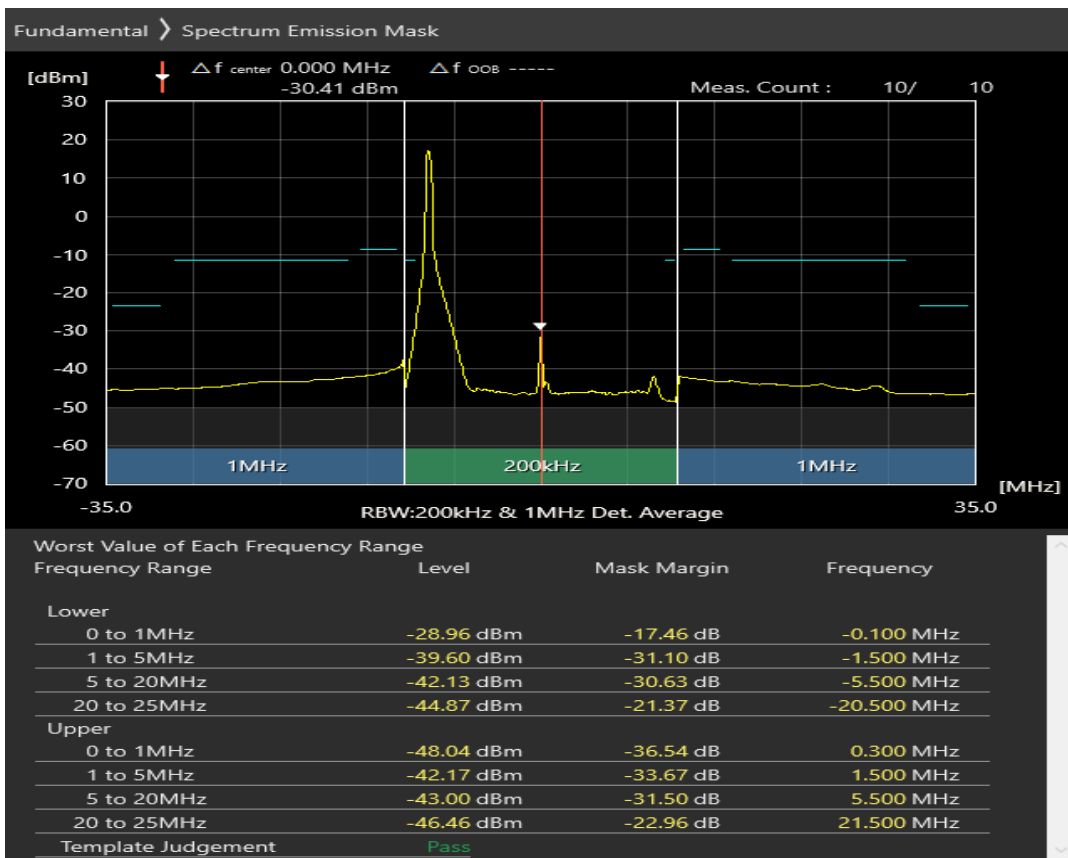
n8 SCS=30kHz DFT_QPSK BW=20MHz Channel=178000 RB=1@0



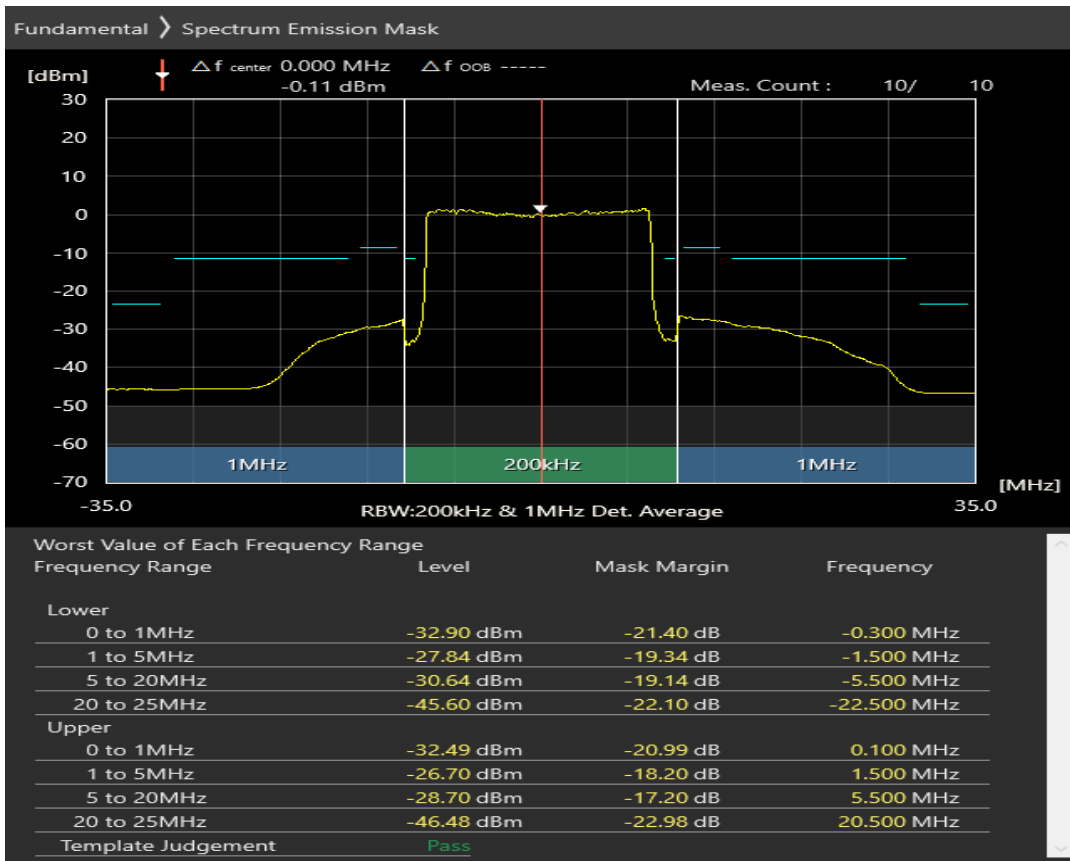
n8 SCS=30kHz DFT_QPSK BW=20MHz Channel=178000 RB=50@0



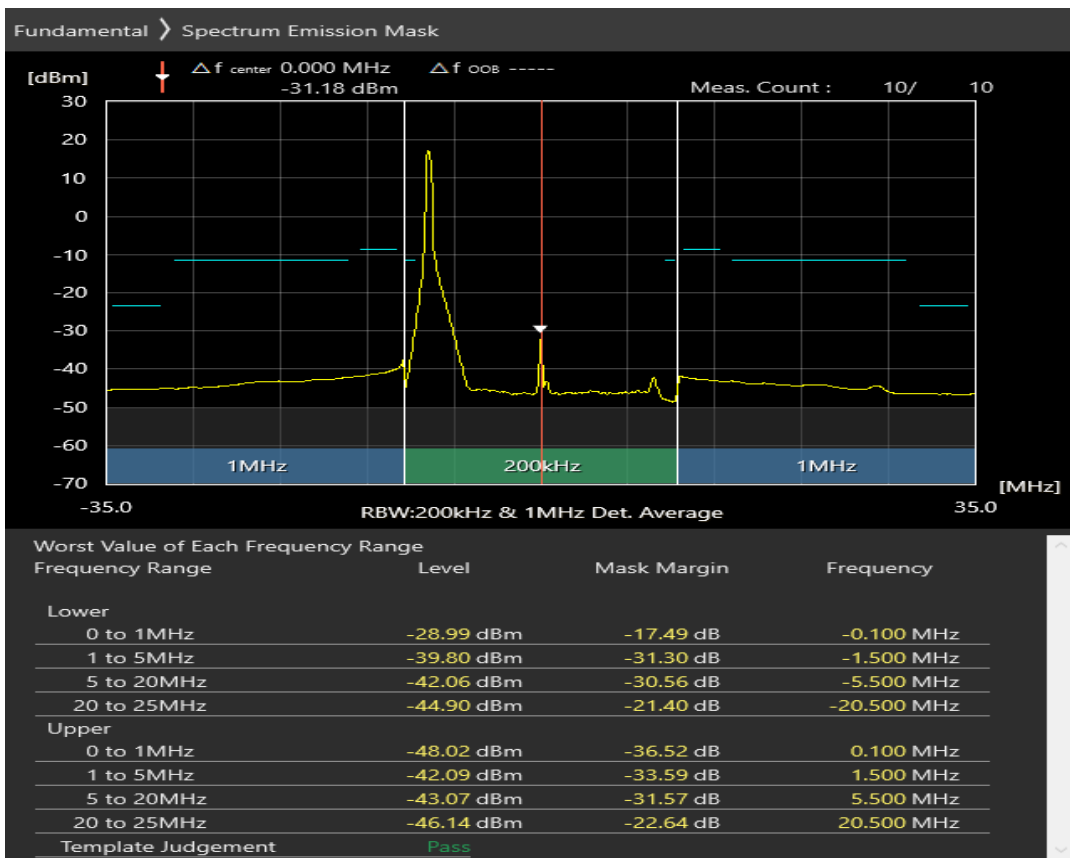
n8 SCS=30kHz DFT_QAM16 BW=20MHz Channel=178000 RB=1@0



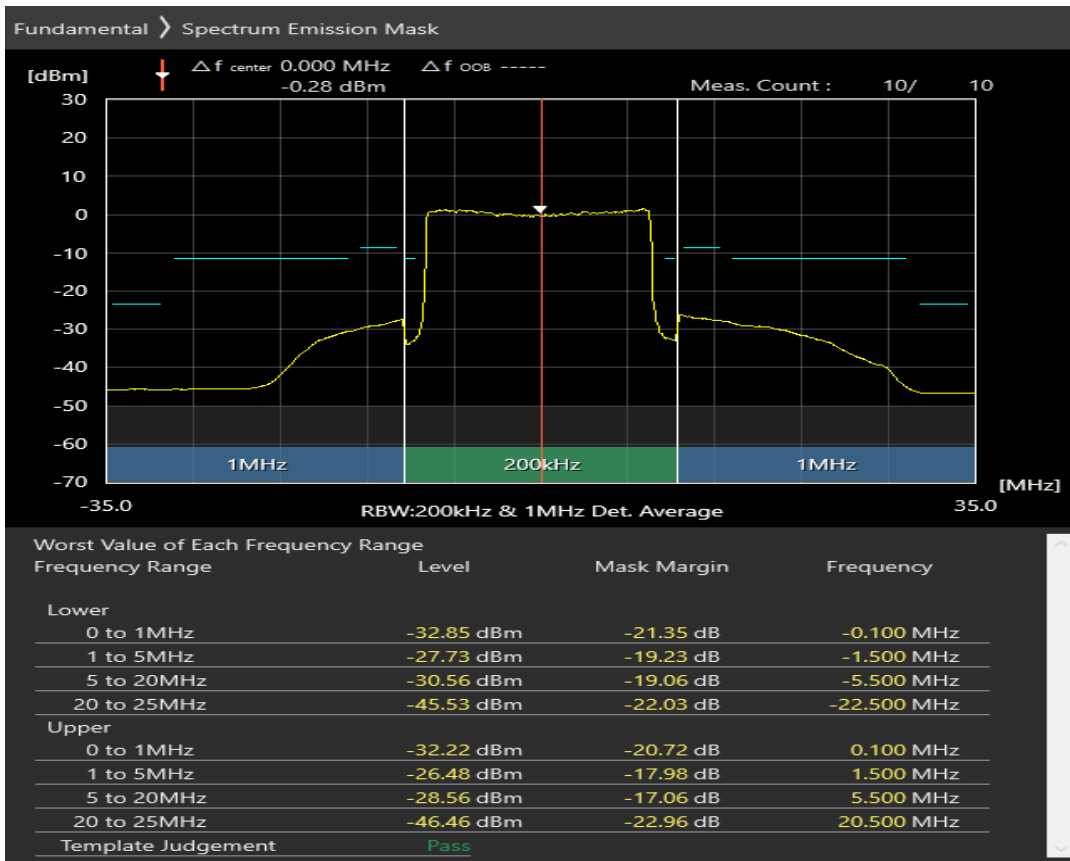
n8 SCS=30kHz DFT_QAM16 BW=20MHz Channel=178000 RB=50@0



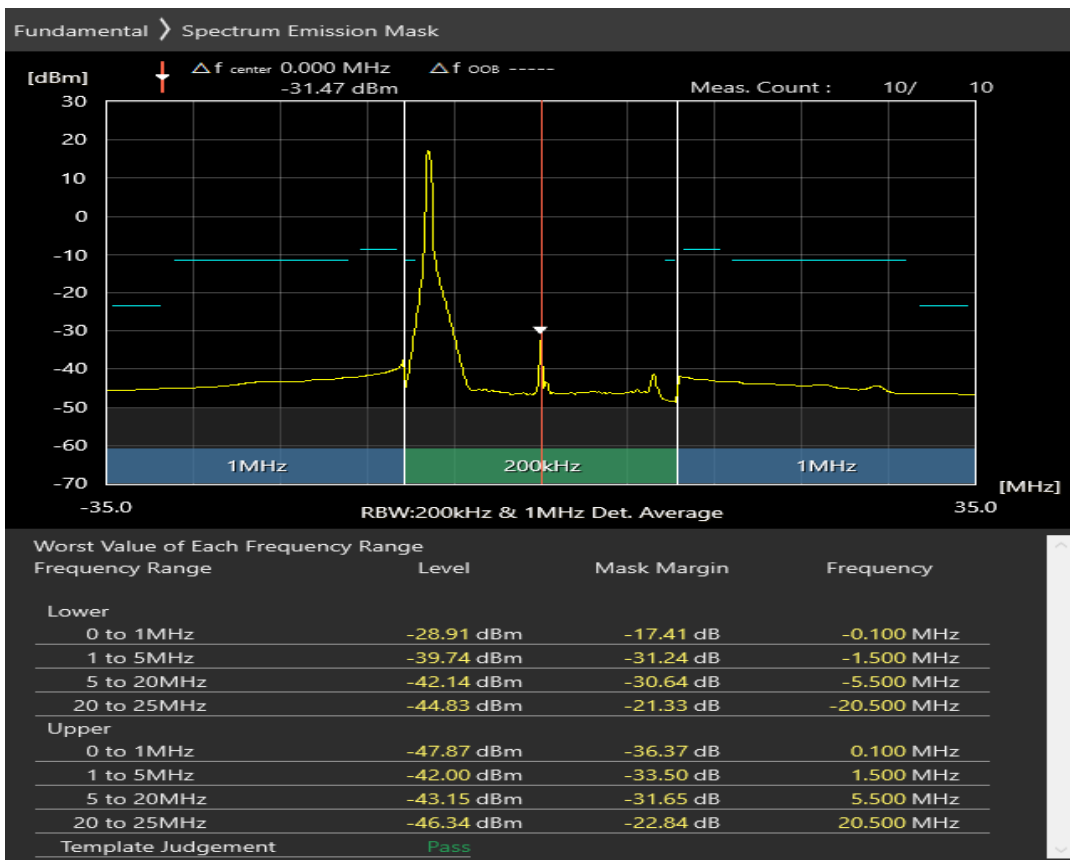
n8 SCS=30kHz DFT_QAM64 BW=20MHz Channel=178000 RB=1@0



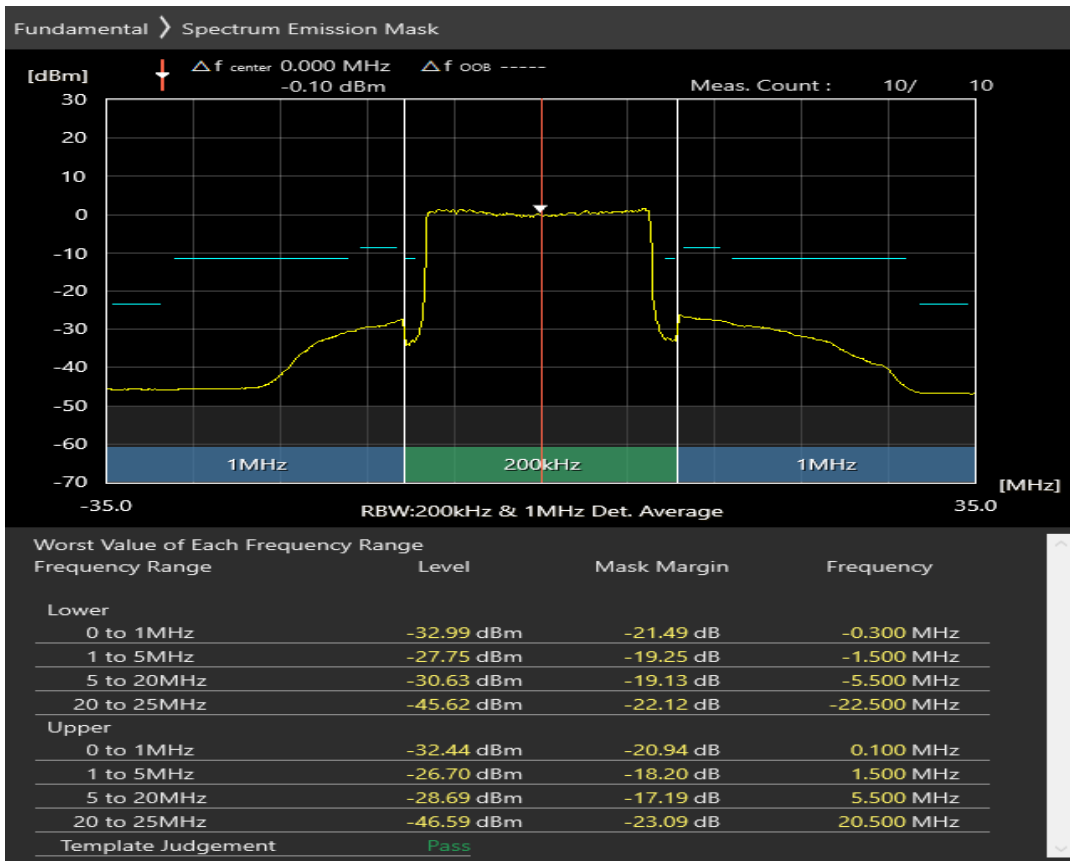
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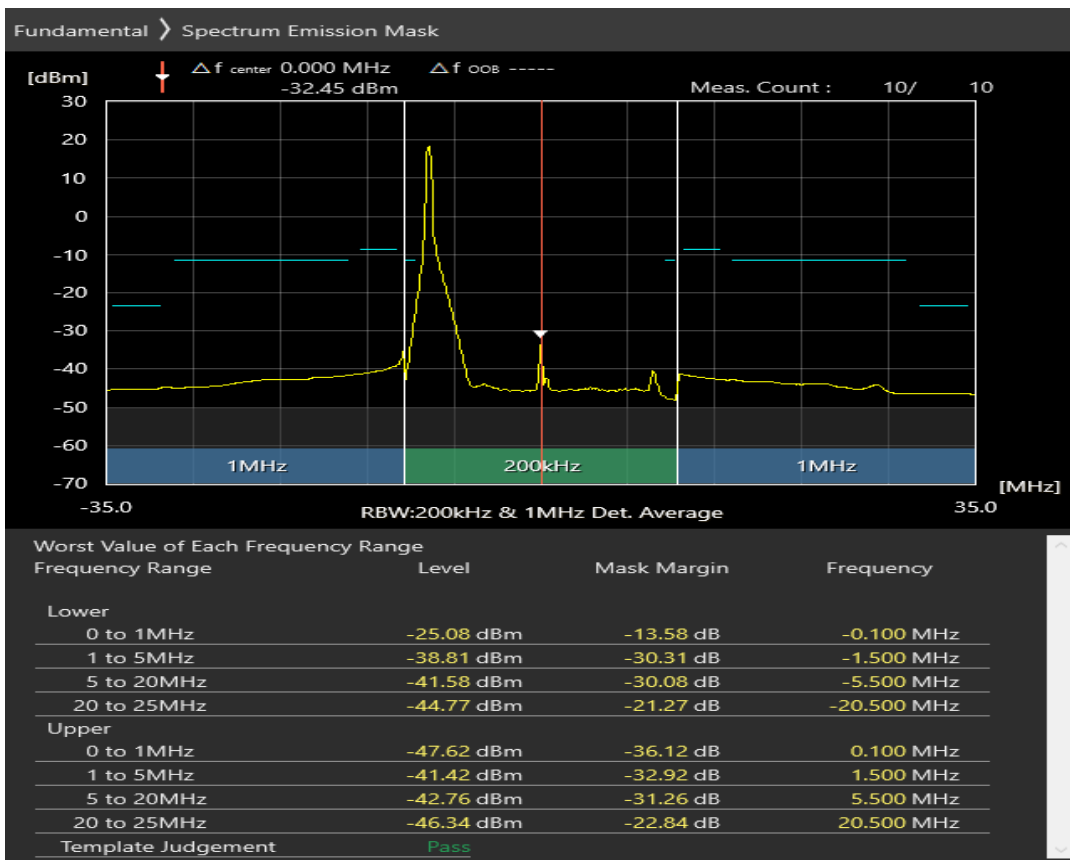
n8 SCS=30kHz DFT_QAM256 BW=20MHz Channel=178000 RB=1@0



n8 SCS=30kHz DFT_QAM256 BW=20MHz Channel=178000 RB=50@0



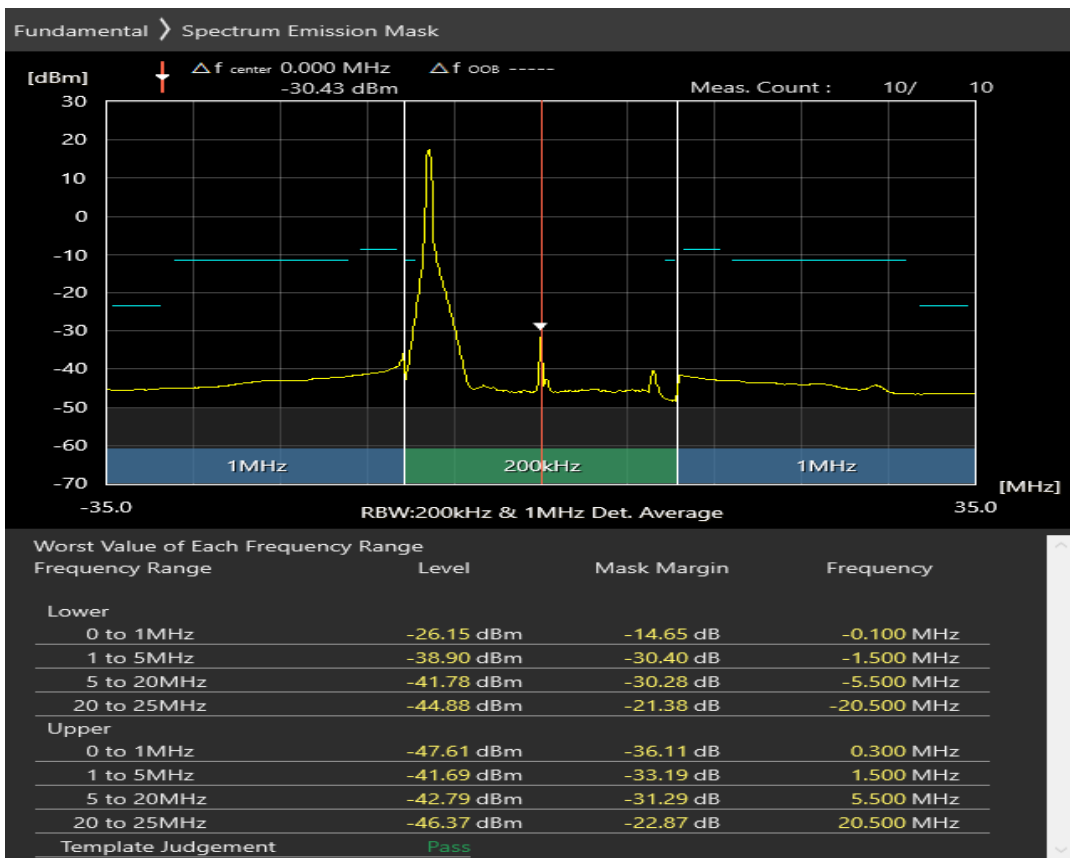
n8 SCS=30kHz CP_QPSK BW=20MHz Channel=178000 RB=1@0



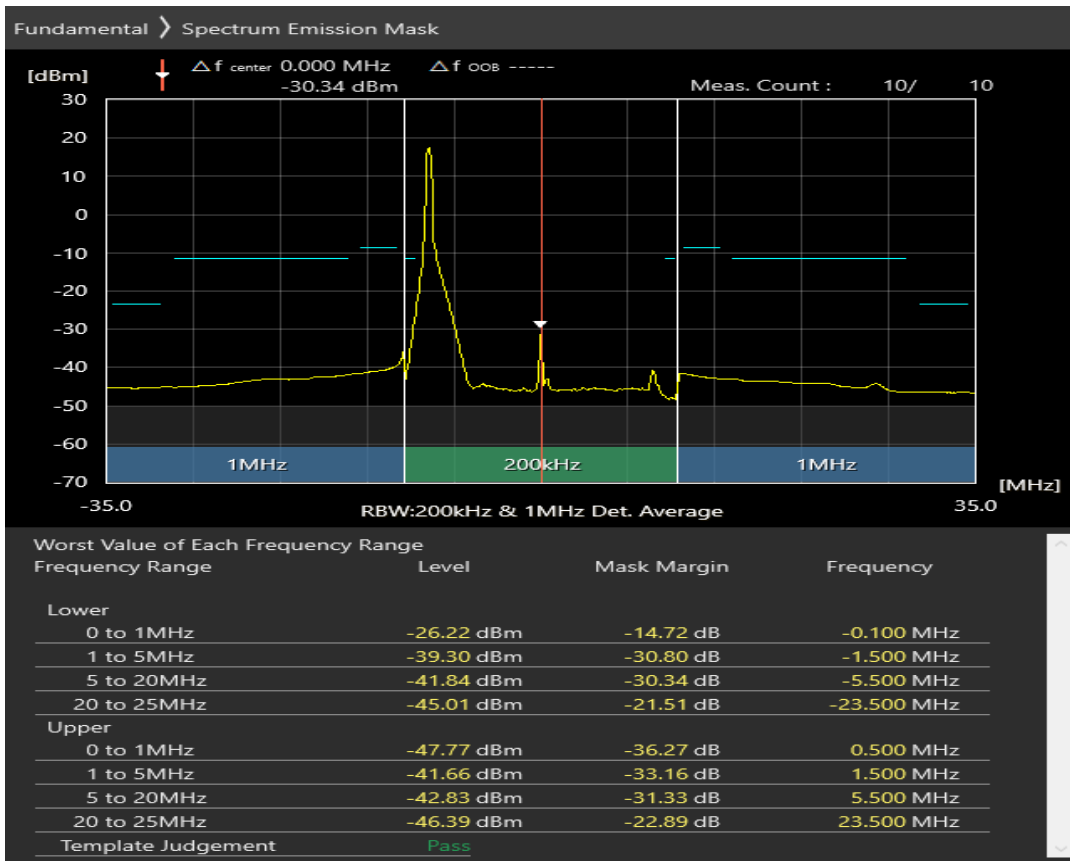
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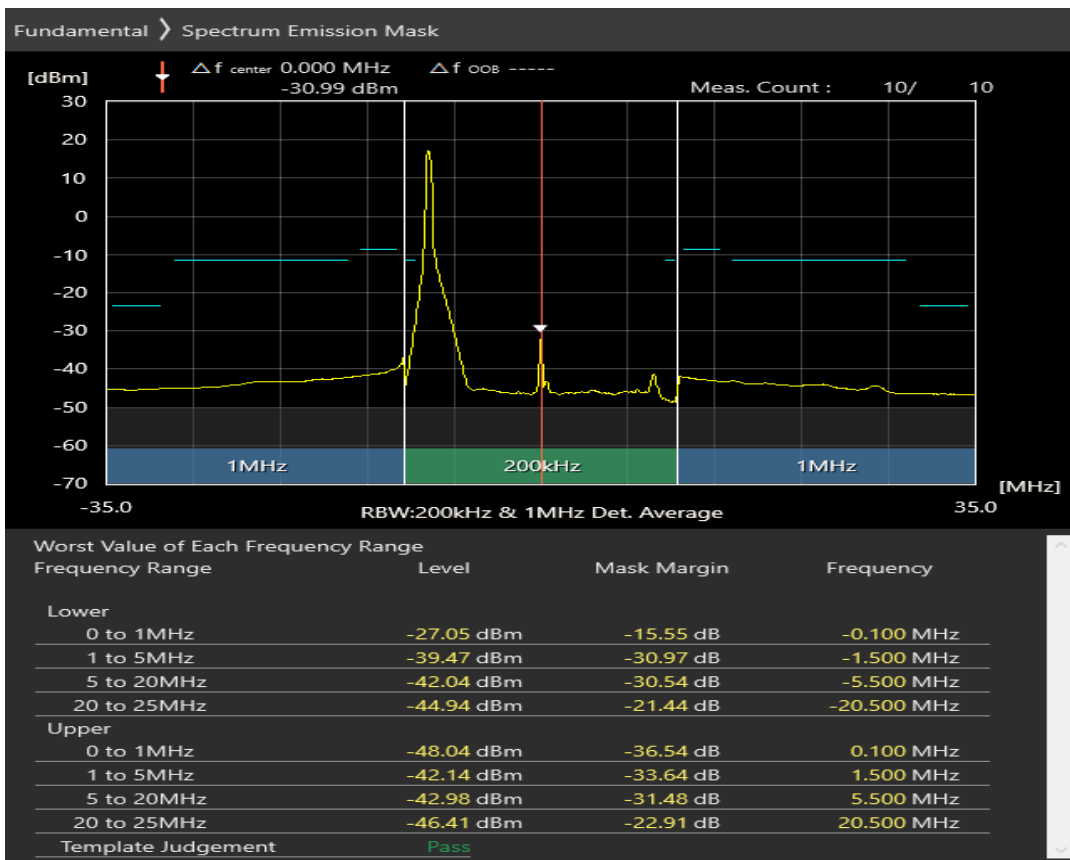
n8 SCS=30kHz CP_QAM16 BW=20MHz Channel=178000 RB=1@0



n8 SCS=30kHz CP_QAM16 BW=20MHz Channel=178000 RB=51@0



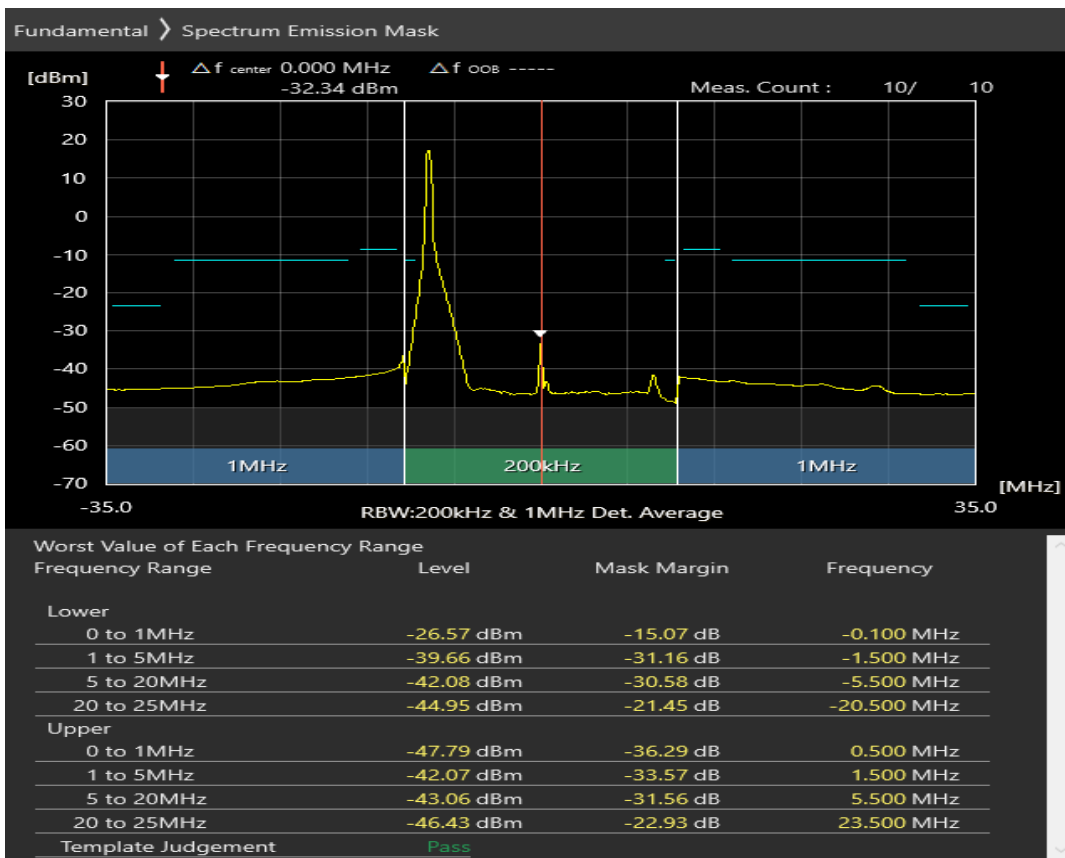
n8 SCS=30kHz CP_QAM64 BW=20MHz Channel=178000 RB=1@0



n8 SCS=30kHz CP_QAM64 BW=20MHz Channel=178000 RB=51@0



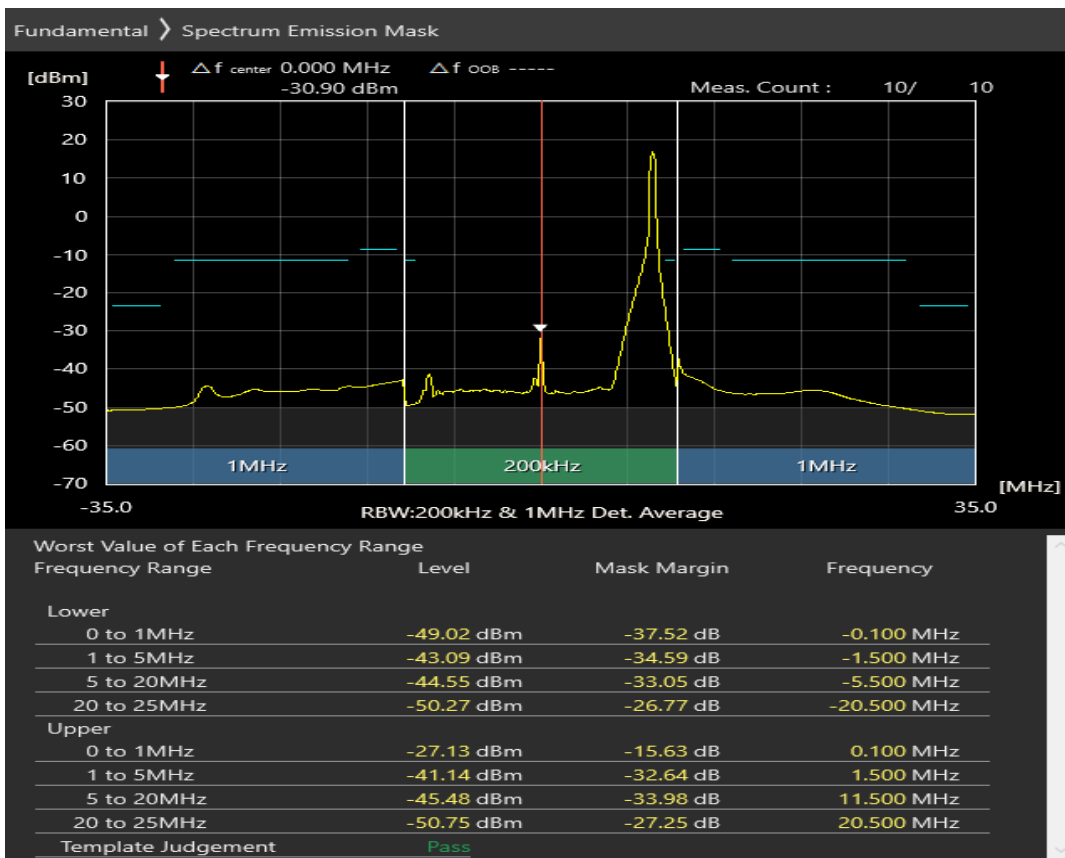
n8 SCS=30kHz CP_QAM256 BW=20MHz Channel=178000 RB=1@0



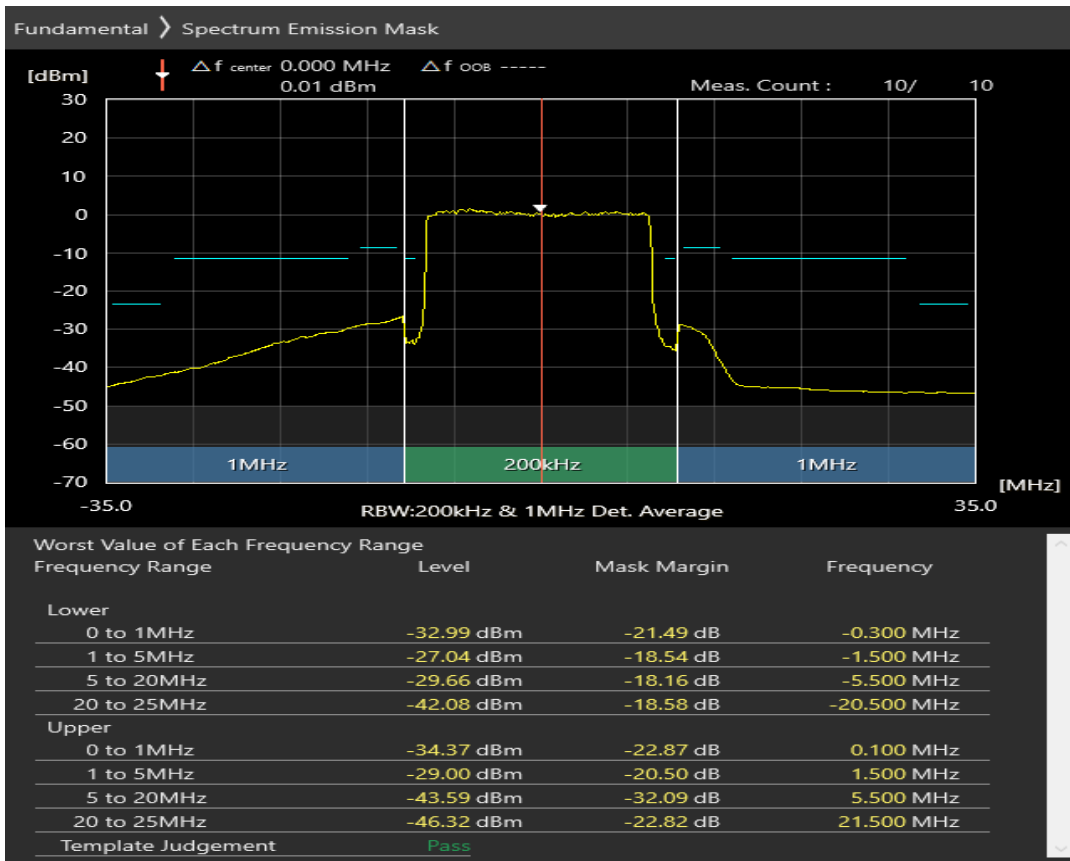
n8 SCS=30kHz CP_QAM256 BW=20MHz Channel=178000 RB=51@0



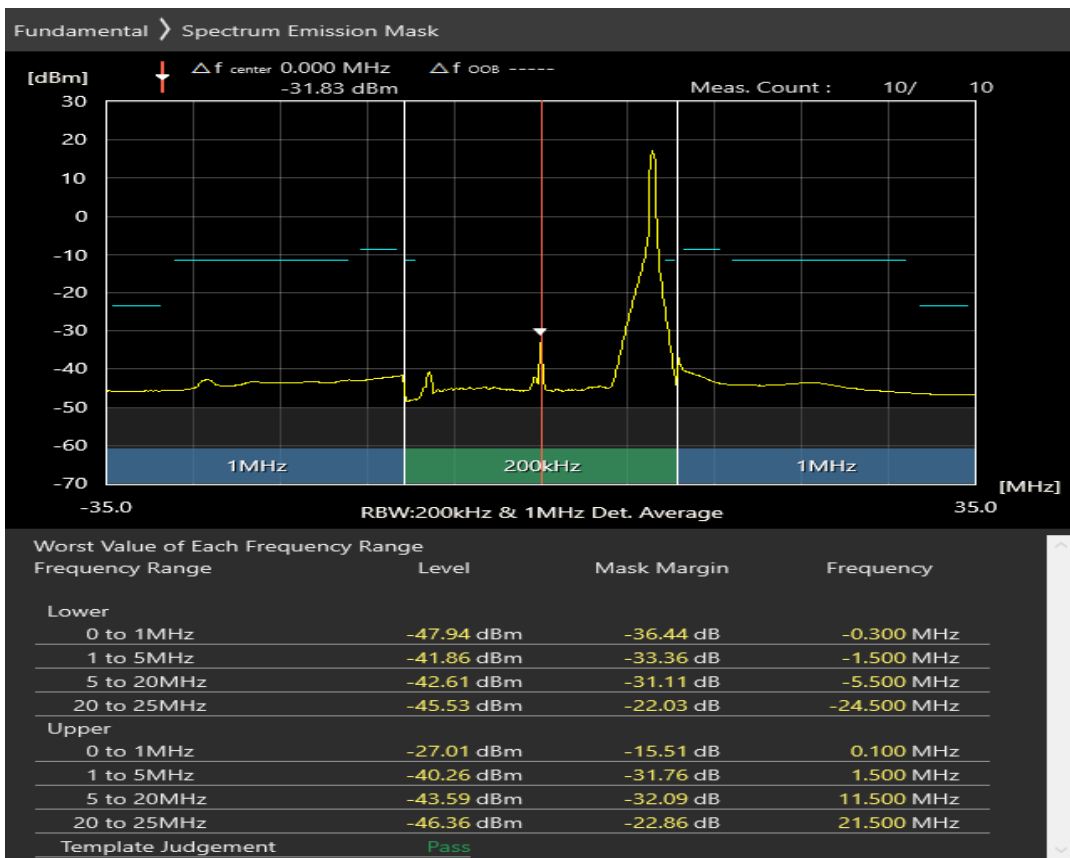
n8 SCS=30kHz DFT_BPSK BW=20MHz Channel=181000 RB=1@50



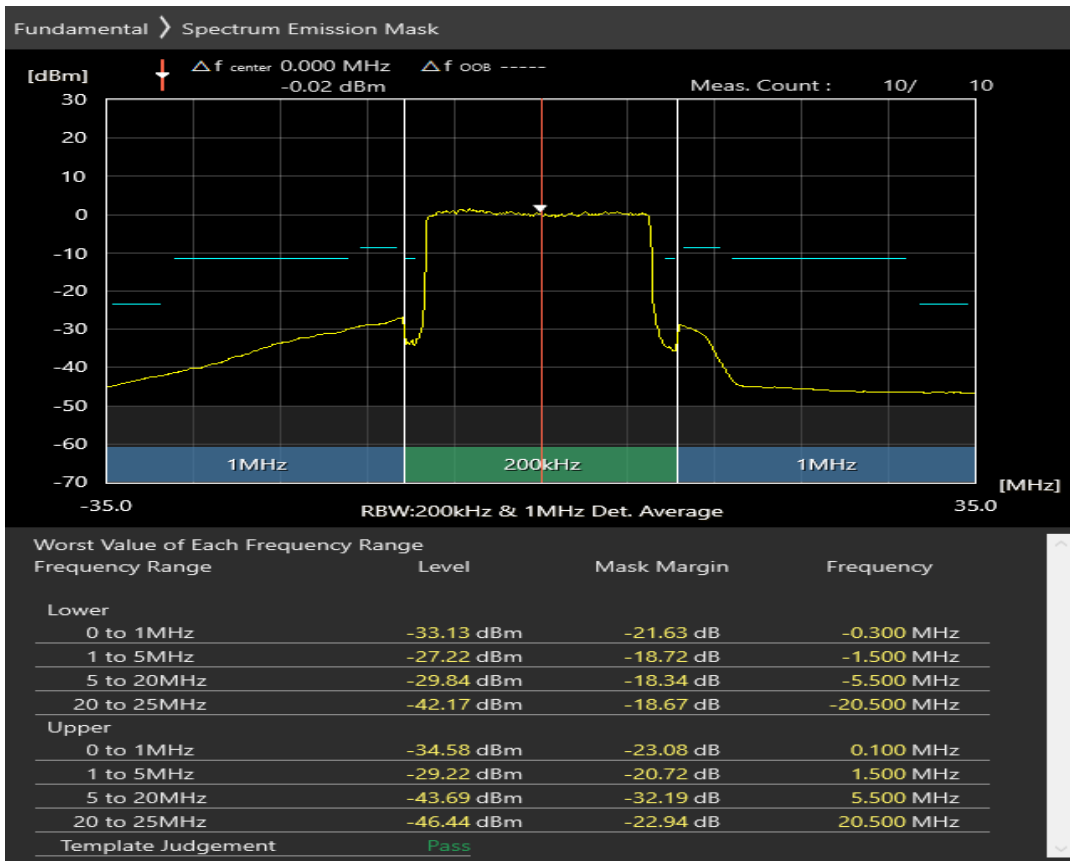
n8 SCS=30kHz DFT_BPSK BW=20MHz Channel=181000 RB=50@0



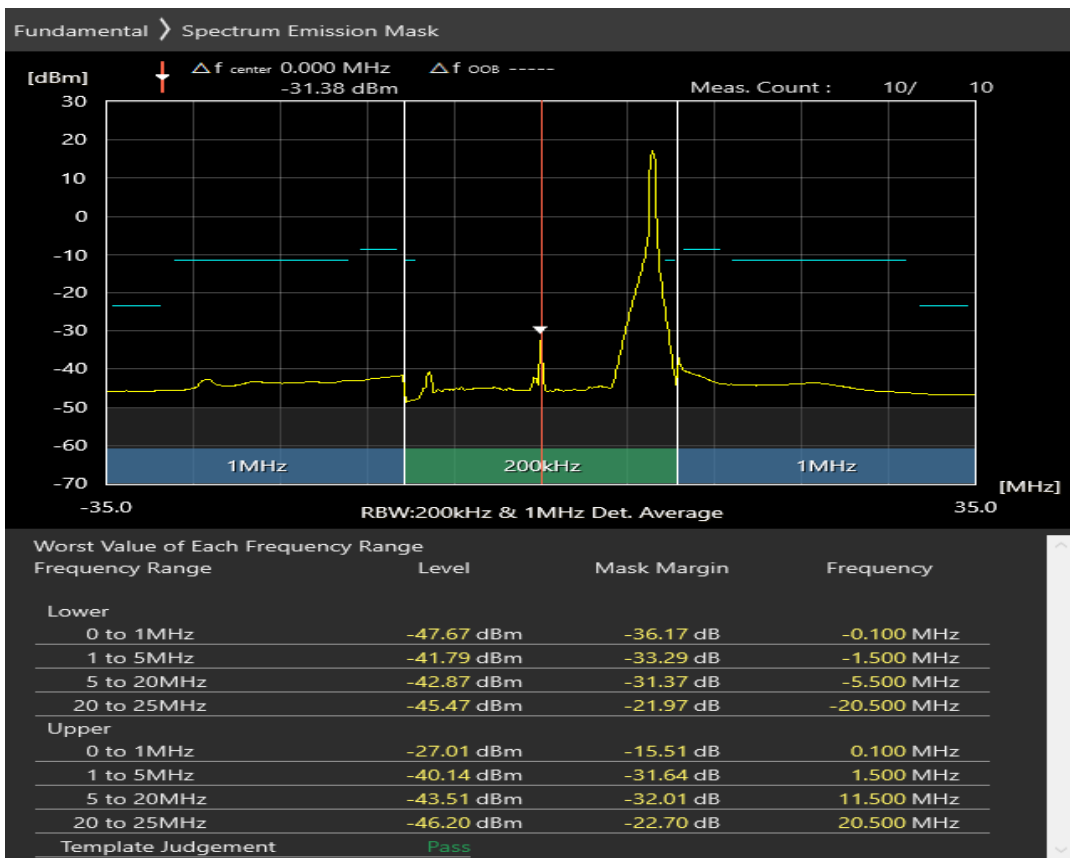
n8 SCS=30kHz DFT_QPSK BW=20MHz Channel=181000 RB=1@50



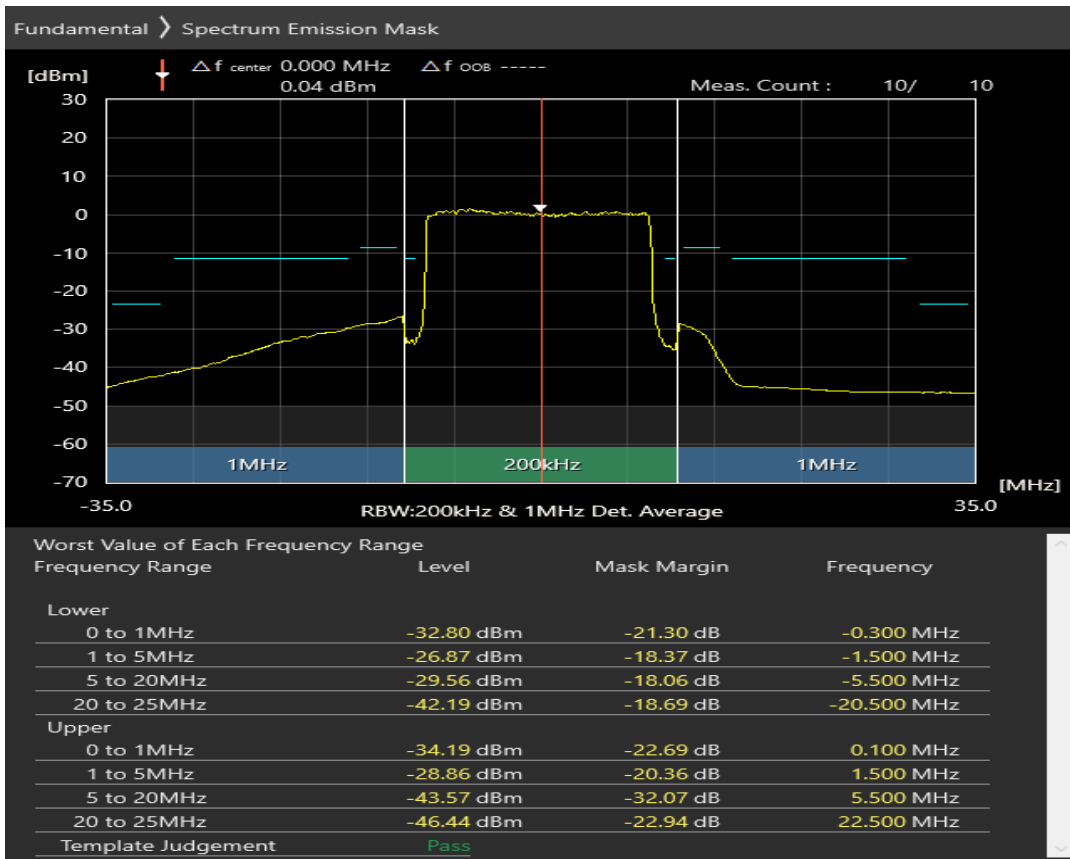
n8 SCS=30kHz DFT_QPSK BW=20MHz Channel=181000 RB=50@0



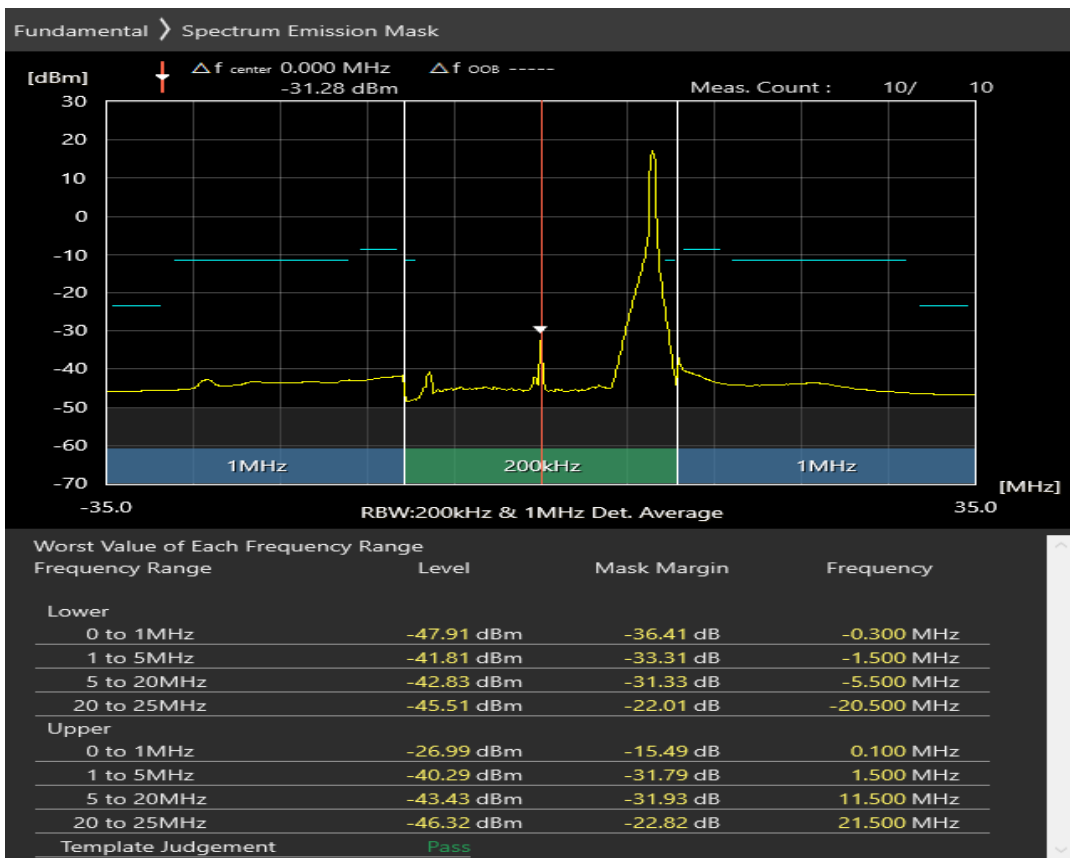
n8 SCS=30kHz DFT_QAM16 BW=20MHz Channel=181000 RB=1@50



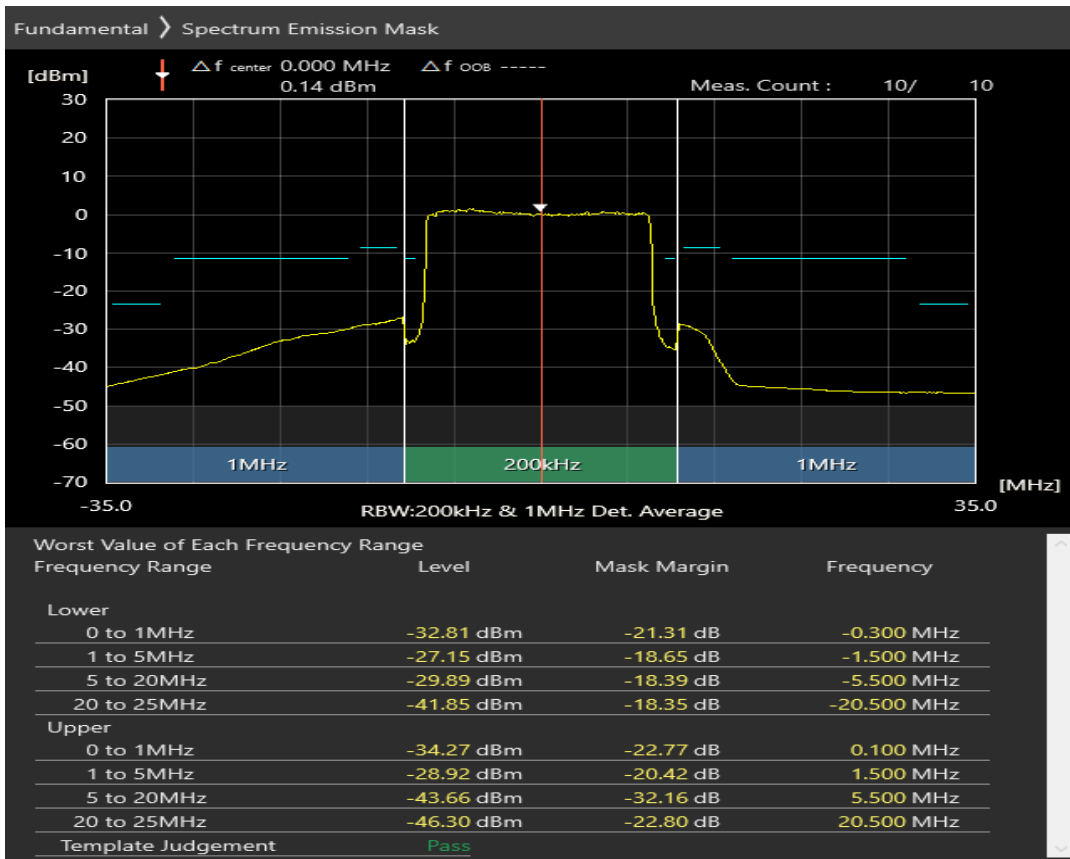
n8 SCS=30kHz DFT_QAM16 BW=20MHz Channel=181000 RB=50@0



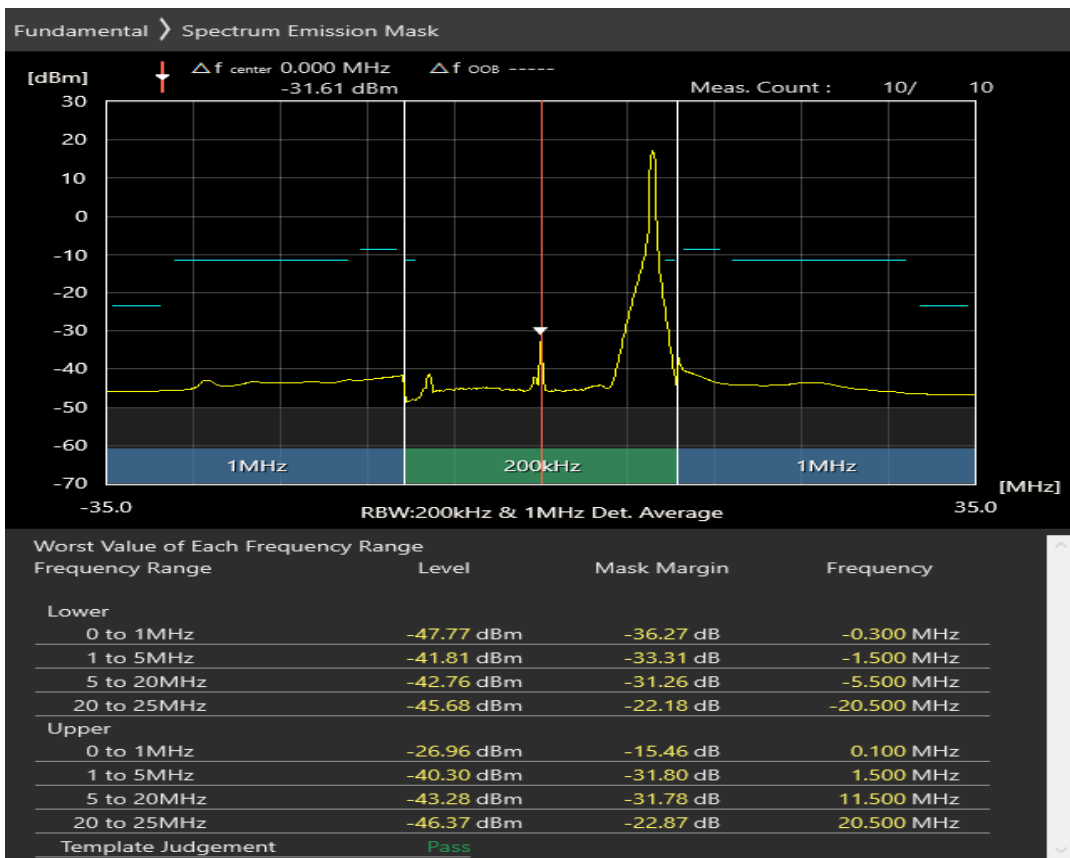
n8 SCS=30kHz DFT_QAM64 BW=20MHz Channel=181000 RB=1@50



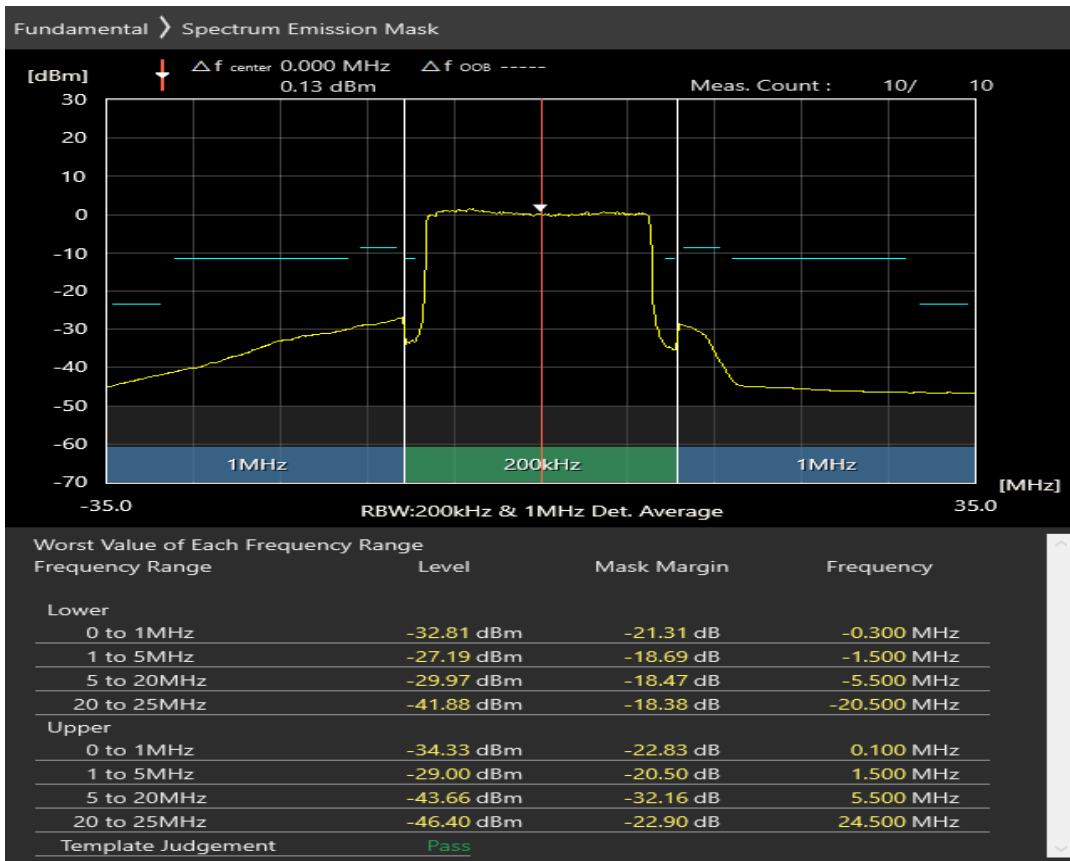
n8 SCS=30kHz DFT_QAM64 BW=20MHz Channel=181000 RB=50@0



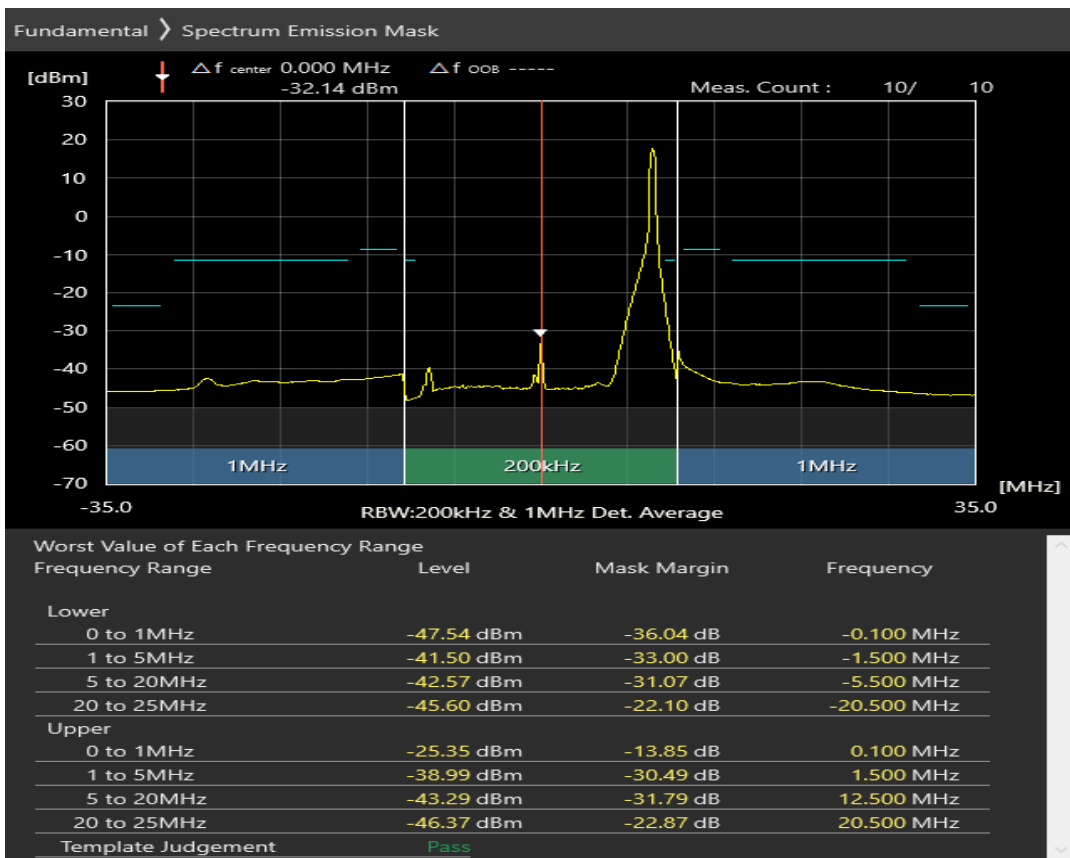
n8 SCS=30kHz DFT_QAM256 BW=20MHz Channel=181000 RB=1@50



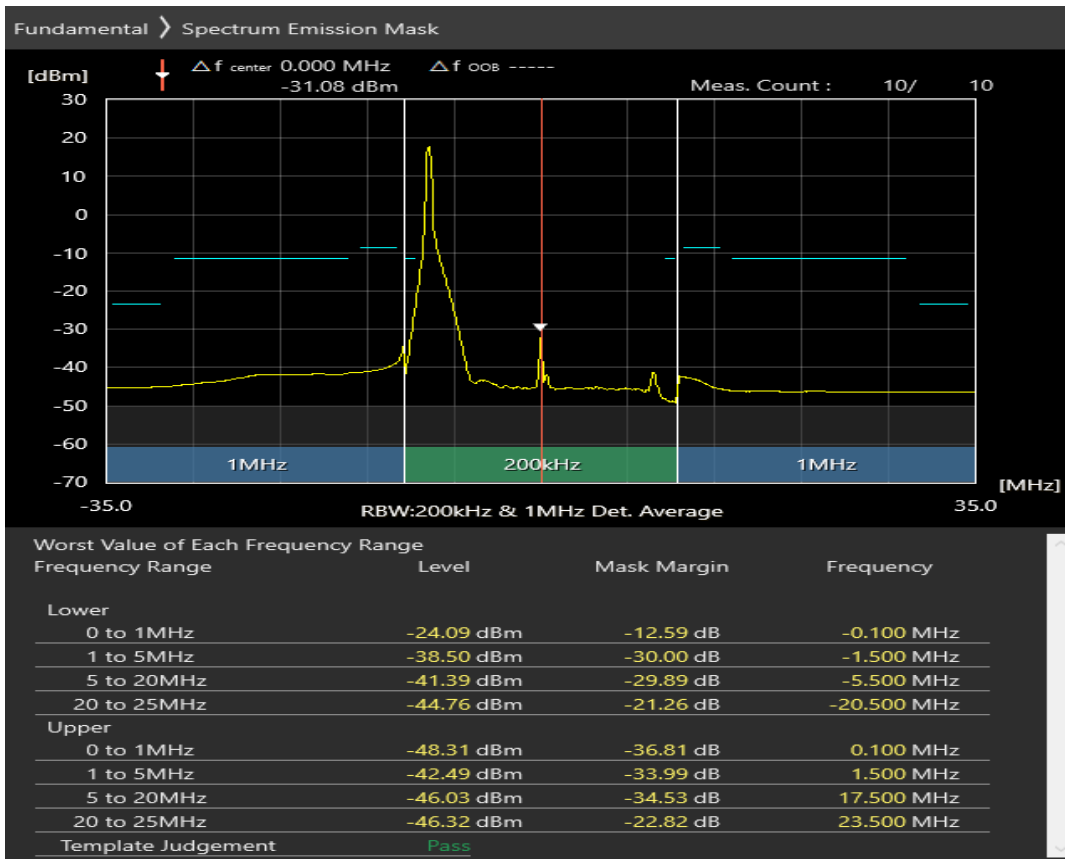
n8 SCS=30kHz DFT_QAM256 BW=20MHz Channel=181000 RB=50@0



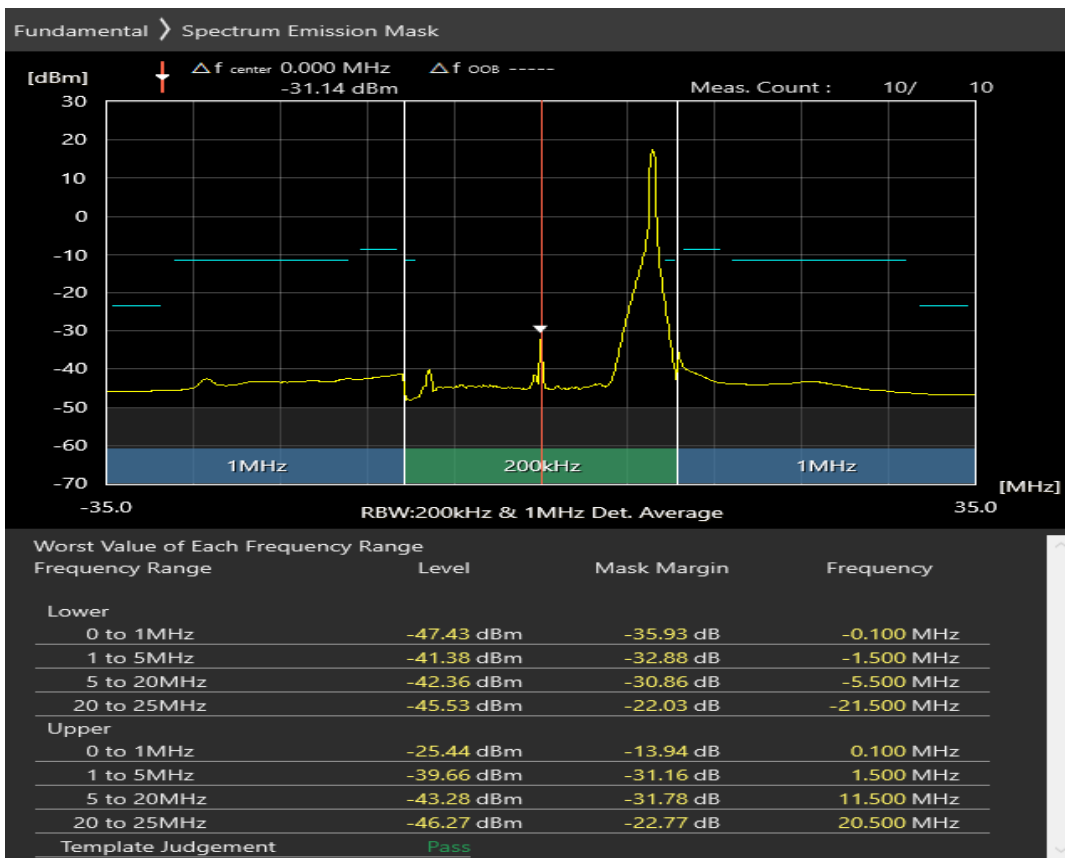
n8 SCS=30kHz CP_QPSK BW=20MHz Channel=181000 RB=1@50



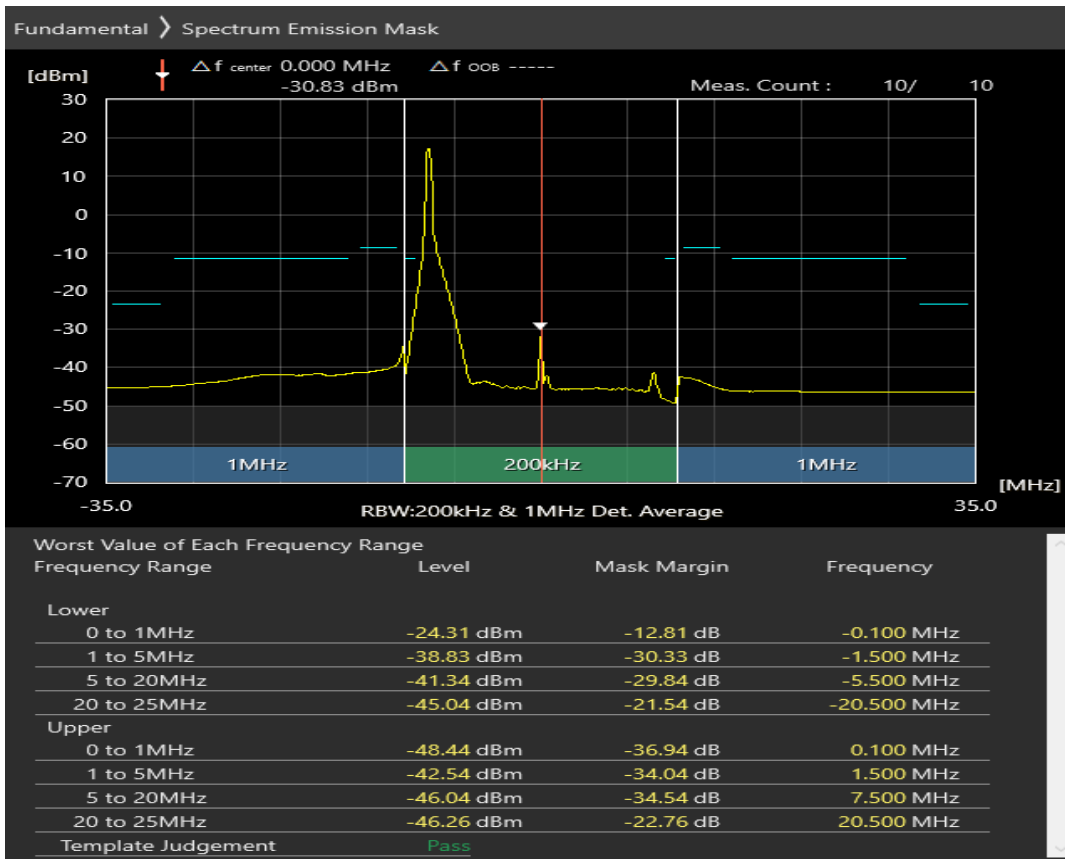
n8 SCS=30kHz CP_QPSK BW=20MHz Channel=181000 RB=51@0



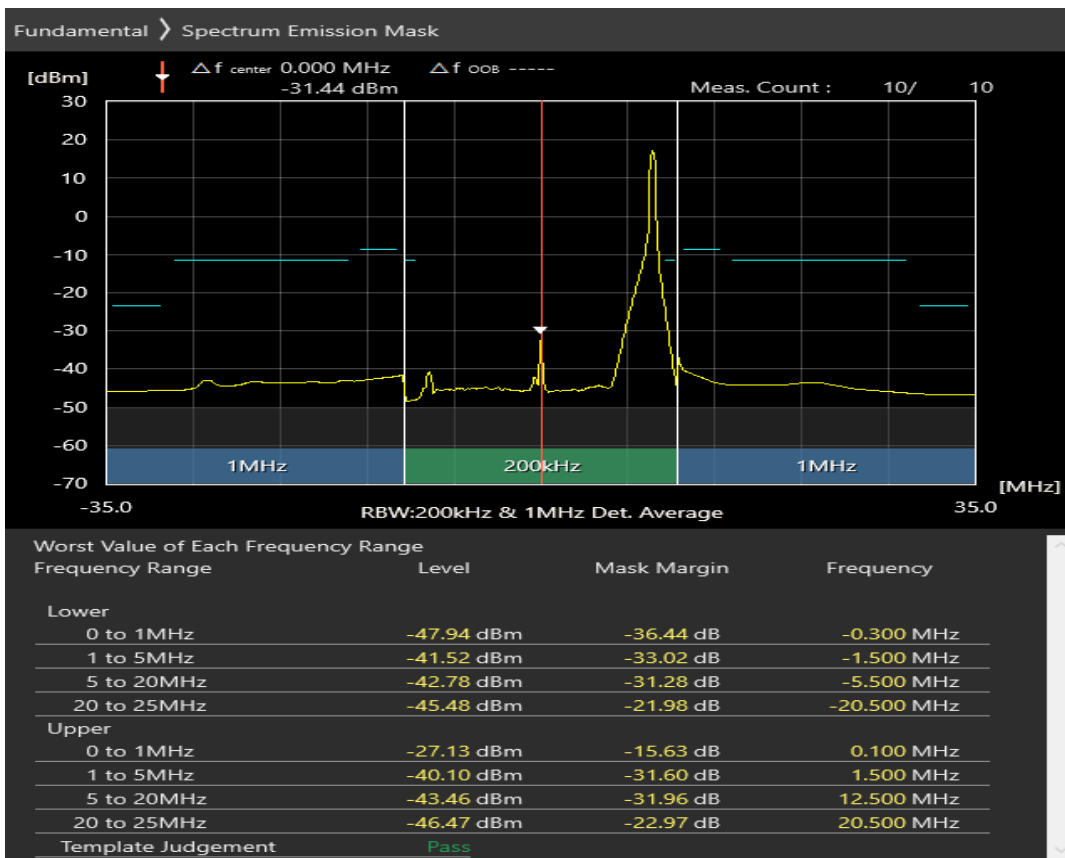
n8 SCS=30kHz CP_QAM16 BW=20MHz Channel=181000 RB=1@50



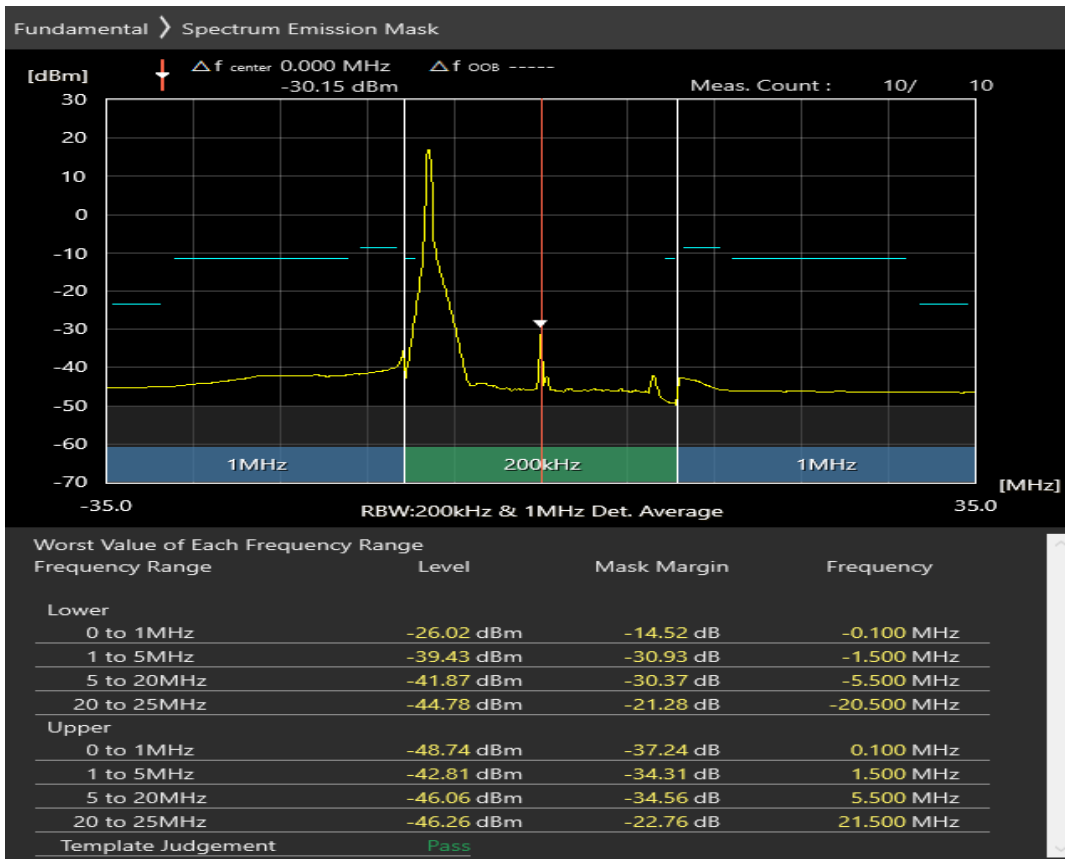
n8 SCS=30kHz CP_QAM16 BW=20MHz Channel=181000 RB=51@0



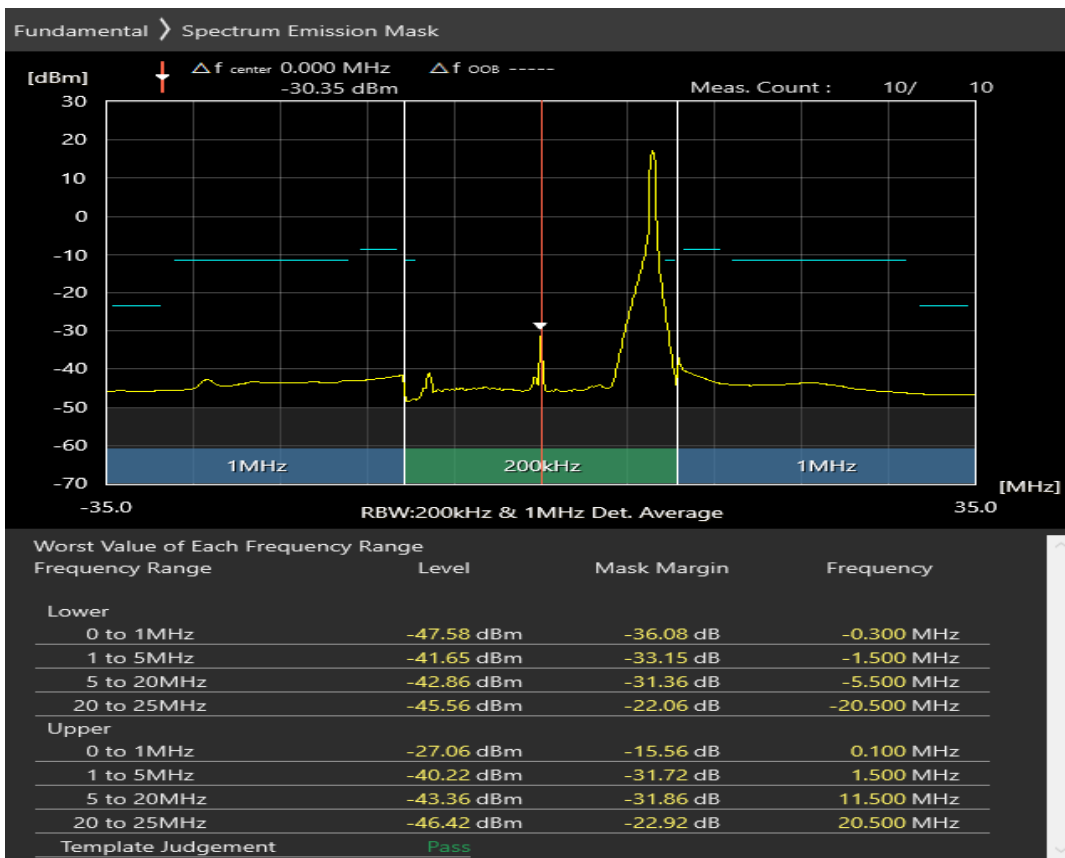
n8 SCS=30kHz CP_QAM64 BW=20MHz Channel=181000 RB=1@50



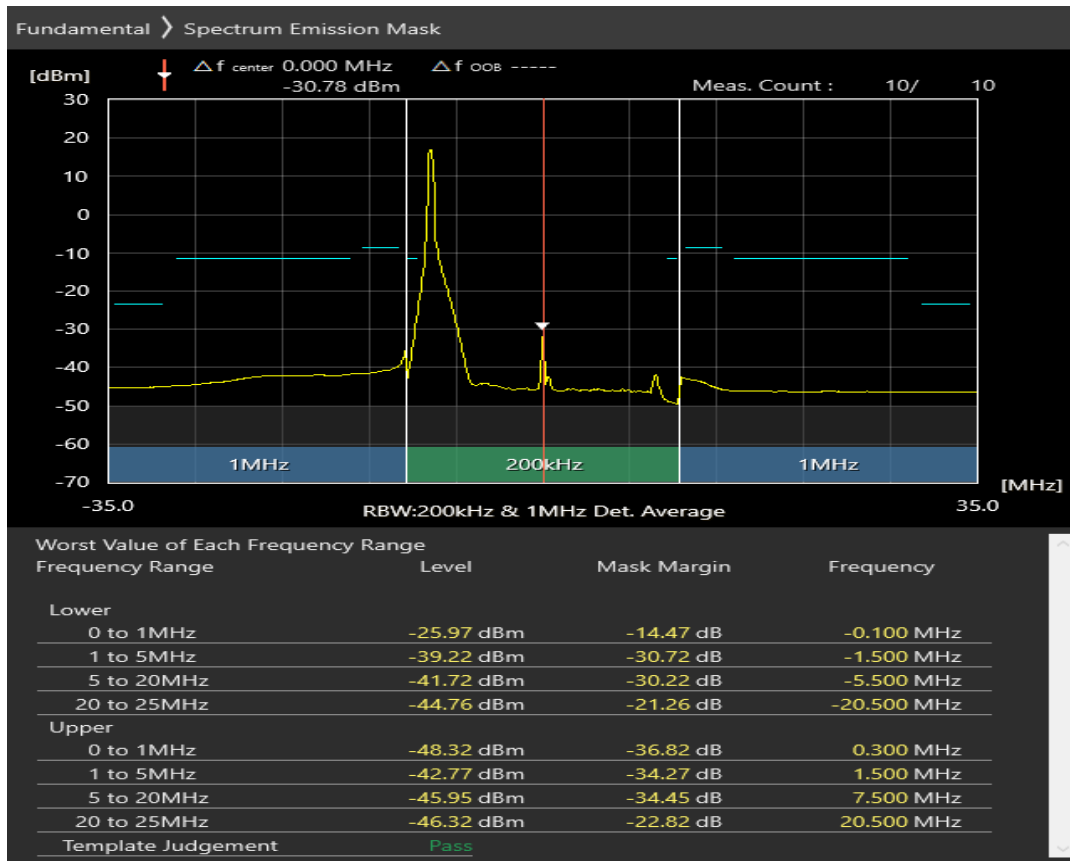
n8 SCS=30kHz CP_QAM64 BW=20MHz Channel=181000 RB=51@0



n8 SCS=30kHz CP_QAM256 BW=20MHz Channel=181000 RB=1@50



n8 SCS=30kHz CP_QAM256 BW=20MHz Channel=181000 RB=51@0



Clause 4.2.4 Transmitter Spurious Emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Range (MHz)	RBW	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n1	30	10	385000	24@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-61.09	-36	PASS
n1	30	10	385000	24@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-66.06	-36	PASS
n1	30	10	385000	24@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-71.01	-36	PASS
n1	30	10	385000	24@0	CP_QPSK	1000 MHz-1905.00 MHz	1 MHz	1904.10	-62.94	-30	PASS
n1	30	10	385000	24@0	CP_QPSK	1945.00 MHz-3000 MHz	1 MHz	2114.68	-56.02	-30	PASS
n1	30	10	385000	24@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12243.81	-55.54	-30	PASS
n1	30	10	385000	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2117.98	-59.28	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	1805	1	1879.63	-61.06	-50	PASS

						MHz-1880 MHz	MHz				
n1	30	10	385000	24@0	CP_QPSK	869 MHz-894 MHz	1 MHz	890.25	-62.00	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2648.84	-59.29	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	925 MHz-960 MHz	1 MHz	930.11	-62.02	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1478.32	-61.66	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	860 MHz-875 MHz	1 MHz	862.84	-61.99	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	875 MHz-890 MHz	1 MHz	883.96	-62.03	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	791 MHz-821 MHz	1 MHz	799.28	-62.01	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1507.12	-61.59	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3586.72	-58.99	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	859 MHz-894 MHz	1 MHz	873.28	-62.07	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	852 MHz-869 MHz	1 MHz	865.72	-62.01	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	758 MHz-803 MHz	1 MHz	798.14	-62.07	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.34	-62.54	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1482.45	-61.70	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2010.14	-60.57	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2612.45	-57.64	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2373.20	-59.71	-50	PASS

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n1	30	10	385000	24@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2643.63	-59.32	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3595.40	-58.80	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3660.40	-60.75	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1454.66	-61.75	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5907.18	-60.24	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1486.66	-61.61	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.76	-61.90	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2117.20	-59.34	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.12	-62.28	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	753 MHz-783 MHz	1 MHz	773.88	-62.11	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2612.65	-53.82	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	461 MHz-466 MHz	1 MHz	465.49	-62.51	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	460 MHz-465 MHz	1 MHz	461.10	-62.50	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1495.60	-61.61	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1489.97	-61.69	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.94	-61.92	-50	PASS

n1	30	10	385000	24@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.90	-58.80	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.50	-58.80	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4989.80	-60.09	-50	PASS
n1	30	10	385000	24@0	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1888.10	-60.92	-40	PASS
n1	30	10	385000	24@0	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1911.68	-36.89	-15.5	PASS
n1	30	10	385000	24@0	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1915.04	-39.65	1.6	PASS
n1	30	10	385000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-61.19	-36	PASS
n1	30	10	385000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.42	-36	PASS
n1	30	10	385000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-70.89	-36	PASS
n1	30	10	385000	1@0	CP_QPSK	1000 MHz-1905.00 MHz	1 MHz	1660.65	-60.11	-30	PASS
n1	30	10	385000	1@0	CP_QPSK	1945.00 MHz-3000 MHz	1 MHz	2118.20	-60.65	-30	PASS
n1	30	10	385000	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12217.00	-55.52	-30	PASS
n1	30	10	385000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2118.04	-59.20	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1875.13	-61.13	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	872.50	-62.00	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2642.75	-59.21	-50	PASS

n1	30	10	385000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	932.28	-61.90	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1483.62	-61.64	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	870.19	-61.95	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	875 MHz-890 MHz	1 MHz	876.85	-61.79	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	797.69	-62.03	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1501.23	-61.63	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3585.04	-58.97	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	872.02	-61.94	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	855.04	-62.00	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	788.33	-62.04	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.55	-62.50	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1492.30	-61.64	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2019.26	-60.57	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.30	-59.58	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2377.20	-59.73	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2648.29	-59.33	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3590.00	-58.77	-50	PASS

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n1	30	10	385000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3646.00	-60.70	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1464.68	-61.69	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5918.80	-60.14	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1485.72	-61.63	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.45	-61.89	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2117.83	-59.27	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	756.40	-62.37	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	782.94	-62.02	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2612.90	-59.53	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	465.04	-62.53	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	463.09	-62.52	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1485.11	-61.64	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1467.36	-61.61	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.01	-61.91	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.00	-58.93	-50	PASS
n1	30	10	385000	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.50	-58.83	-50	PASS

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n1	30	10	385000	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4977.20	-60.11	-50	PASS	
n1	30	10	385000	1@0	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1886.43	-61.05	-40	PASS	
n1	30	10	385000	1@0	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1911.24	-43.20	-15.5	PASS	
n1	30	10	385000	1@0	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1919.95	-43.26	1.6	PASS	
n1	30	10	385000	1@23	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.93	-36	PASS	
n1	30	10	385000	1@23	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-65.19	-36	PASS	
n1	30	10	385000	1@23	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-69.75	-36	PASS	
n1	30	10	385000	1@23	CP_QPSK	1000 MHz-1905.00 MHz	1 MHz	1668.80	-60.51	-30	PASS	
n1	30	10	385000	1@23	CP_QPSK	1945.00 MHz-3000 MHz	1 MHz	1945.88	-59.19	-30	PASS	
n1	30	10	385000	1@23	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12239.75	-55.52	-30	PASS	
n1	30	10	385000	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2118.40	-59.19	-50	PASS	
n1	30	10	385000	1@23	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1871.90	-61.18	-50	PASS	
n1	30	10	385000	1@23	CP_QPSK	869 MHz-894 MHz	1 MHz	876.78	-61.98	-50	PASS	
n1	30	10	385000	1@23	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2640.09	-59.28	-50	PASS	
n1	30	10	385000	1@23	CP_QPSK	925 MHz-960 MHz	1 MHz	935.43	-61.95	-50	PASS	
n1	30	10	385000	1@23	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1486.14	-61.66	-50	PASS	

n1	30	10	385000	1@23	CP_QPSK	860 MHz-875 MHz	1 MHz	872.54	-61.90	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	875 MHz-890 MHz	1 MHz	876.07	-62.02	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	791 MHz-821 MHz	1 MHz	798.02	-61.97	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1497.88	-61.63	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.76	-58.93	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	859 MHz-894 MHz	1 MHz	875.66	-61.90	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	852 MHz-869 MHz	1 MHz	866.65	-62.02	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	758 MHz-803 MHz	1 MHz	789.55	-62.07	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.01	-62.48	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1490.81	-61.64	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2010.63	-60.58	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2614.95	-59.58	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2397.20	-59.65	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2643.05	-59.23	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3600.00	-58.75	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3666.60	-60.65	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1456.42	-61.76	-50	PASS

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n1	30	10	385000	1@23	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5492.55	-60.30	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1491.25	-61.65	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.84	-61.90	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2118.37	-59.24	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	738 MHz-758 MHz	1 MHz	757.32	-62.32	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	753 MHz-783 MHz	1 MHz	774.45	-62.12	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.40	-59.43	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	461 MHz-466 MHz	1 MHz	463.64	-62.47	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	460 MHz-465 MHz	1 MHz	463.64	-62.50	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1500.93	-61.63	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1495.67	-61.68	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.60	-61.94	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.90	-58.89	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3598.00	-58.88	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4973.60	-60.04	-50	PASS
n1	30	10	385000	1@23	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1889.10	-61.03	-40	PASS

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n1	30	10	385000	1@23	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1911.88	-45.21	-15.5	PASS	
n1	30	10	385000	1@23	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1915.02	-47.99	1.6	PASS	
n1	30	10	390000	24@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.15	-36	PASS	
n1	30	10	390000	24@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.19	-65.15	-36	PASS	
n1	30	10	390000	24@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-69.98	-36	PASS	
n1	30	10	390000	24@0	CP_QPSK	1000 MHz-1930.00 MHz	1 MHz	1900.24	-62.82	-30	PASS	
n1	30	10	390000	24@0	CP_QPSK	1970.00 MHz-3000 MHz	1 MHz	2142.53	-61.02	-30	PASS	
n1	30	10	390000	24@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12217.81	-55.54	-30	PASS	
n1	30	10	390000	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2138.50	-58.77	-50	PASS	
n1	30	10	390000	24@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1869.95	-61.17	-50	PASS	
n1	30	10	390000	24@0	CP_QPSK	869 MHz-894 MHz	1 MHz	875.43	-62.00	-50	PASS	
n1	30	10	390000	24@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2644.92	-59.27	-50	PASS	
n1	30	10	390000	24@0	CP_QPSK	925 MHz-960 MHz	1 MHz	934.77	-61.90	-50	PASS	
n1	30	10	390000	24@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1493.56	-61.60	-50	PASS	
n1	30	10	390000	24@0	CP_QPSK	860 MHz-875 MHz	1 MHz	864.43	-62.01	-50	PASS	
n1	30	10	390000	24@0	CP_QPSK	875 MHz-890 MHz	1 MHz	889.88	-61.97	-50	PASS	
n1	30	10	390000	24@0	CP_QPSK	791 MHz-821 MHz	1 MHz	794.21	-62.01	-50	PASS	

n1	30	10	390000	24@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1505.61	-61.51	-50	PASS
n1	30	10	390000	24@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3587.84	-58.90	-50	PASS
n1	30	10	390000	24@0	CP_QPSK	859 MHz-894 MHz	1 MHz	870.31	-61.93	-50	PASS
n1	30	10	390000	24@0	CP_QPSK	852 MHz-869 MHz	1 MHz	864.02	-62.00	-50	PASS
n1	30	10	390000	24@0	CP_QPSK	758 MHz-803 MHz	1 MHz	801.97	-62.01	-50	PASS
n1	30	10	390000	24@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.76	-62.51	-50	PASS
n1	30	10	390000	24@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1492.52	-61.66	-50	PASS
n1	30	10	390000	24@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2014.20	-60.60	-50	PASS
n1	30	10	390000	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.90	-59.50	-50	PASS
n1	30	10	390000	24@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2374.30	-59.67	-50	PASS
n1	30	10	390000	24@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2642.47	-59.27	-50	PASS
n1	30	10	390000	24@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.20	-58.70	-50	PASS
n1	30	10	390000	24@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3648.60	-60.70	-50	PASS
n1	30	10	390000	24@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1462.62	-61.75	-50	PASS
n1	30	10	390000	24@0	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5909.50	-60.21	-50	PASS
n1	30	10	390000	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1492.44	-61.66	-50	PASS

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n1	30	10	390000	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.47	-61.90	-50	PASS	
n1	30	10	390000	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2139.97	-58.78	-50	PASS	
n1	30	10	390000	24@0	CP_QPSK	738 MHz-758 MHz	1 MHz	755.62	-62.36	-50	PASS	
n1	30	10	390000	24@0	CP_QPSK	753 MHz-783 MHz	1 MHz	782.28	-62.11	-50	PASS	
n1	30	10	390000	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2612.80	-59.53	-50	PASS	
n1	30	10	390000	24@0	CP_QPSK	461 MHz-466 MHz	1 MHz	464.20	-62.43	-50	PASS	
n1	30	10	390000	24@0	CP_QPSK	460 MHz-465 MHz	1 MHz	462.81	-62.53	-50	PASS	
n1	30	10	390000	24@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1476.42	-61.62	-50	PASS	
n1	30	10	390000	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1480.71	-61.58	-50	PASS	
n1	30	10	390000	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.61	-61.92	-50	PASS	
n1	30	10	390000	24@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.90	-58.73	-50	PASS	
n1	30	10	390000	24@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.50	-58.77	-50	PASS	
n1	30	10	390000	24@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4980.80	-60.08	-50	PASS	
n1	30	10	390000	24@0	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1880.83	-61.08	-40	PASS	
n1	30	10	390000	24@0	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1914.70	-54.39	-15.5	PASS	
n1	30	10	390000	24@0	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1918.04	-54.39	1.6	PASS	

						MHz					
n1	30	10	390000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.42	-36	PASS
n1	30	10	390000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-66.41	-36	PASS
n1	30	10	390000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-70.52	-36	PASS
n1	30	10	390000	1@0	CP_QPSK	1000 MHz-1930.00 MHz	1 MHz	1929.07	-59.58	-30	PASS
n1	30	10	390000	1@0	CP_QPSK	1970.00 MHz-3000 MHz	1 MHz	2137.38	-60.20	-30	PASS
n1	30	10	390000	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12309.63	-55.49	-30	PASS
n1	30	10	390000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2137.48	-58.71	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1874.15	-61.11	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	879.75	-61.99	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2657.31	-59.26	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	932.46	-61.89	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1493.68	-61.60	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	871.99	-61.98	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	875 MHz-890 MHz	1 MHz	876.11	-61.88	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	806.93	-61.99	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1499.44	-61.57	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3587.20	-58.91	-50	PASS

n1	30	10	390000	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	876.71	-61.99	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	860.59	-62.00	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	802.10	-62.01	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.56	-62.53	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1464.85	-61.66	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2014.88	-60.52	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.85	-59.51	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2383.00	-59.70	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2646.16	-59.28	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3600.00	-58.75	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3639.20	-60.75	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1466.64	-61.69	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5924.23	-60.14	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1495.92	-61.66	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.11	-61.87	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2139.79	-58.66	-50	PASS

n1	30	10	390000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	754.46	-62.35	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	775.65	-61.96	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.55	-59.58	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	465.06	-62.46	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	464.19	-62.55	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1484.03	-61.68	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1498.47	-61.60	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.60	-61.93	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.90	-58.83	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3594.00	-58.81	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4988.60	-60.13	-50	PASS
n1	30	10	390000	1@0	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1882.98	-61.05	-40	PASS
n1	30	10	390000	1@0	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1911.54	-54.30	-15.5	PASS
n1	30	10	390000	1@0	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1915.67	-54.37	1.6	PASS
n1	30	10	390000	1@23	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.39	-36	PASS
n1	30	10	390000	1@23	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-65.24	-36	PASS
n1	30	10	390000	1@23	CP_QPSK	30 MHz-1000	100	965.66	-71.04	-36	PASS

						MHz	kHz				
n1	30	10	390000	1@23	CP_QPSK	1000 MHz-1930.00 MHz	1 MHz	1921.63	-59.53	-30	PASS
n1	30	10	390000	1@23	CP_QPSK	1970.00 MHz-3000 MHz	1 MHz	1970.86	-59.40	-30	PASS
n1	30	10	390000	1@23	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12209.69	-55.49	-30	PASS
n1	30	10	390000	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2142.82	-58.41	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1868.90	-61.18	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	869 MHz-894 MHz	1 MHz	884.03	-62.03	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2642.26	-59.23	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	925 MHz-960 MHz	1 MHz	929.59	-61.98	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1490.94	-61.60	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	860 MHz-875 MHz	1 MHz	860.17	-62.03	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	875 MHz-890 MHz	1 MHz	884.03	-62.00	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	791 MHz-821 MHz	1 MHz	805.82	-62.02	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1505.79	-61.63	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3586.00	-58.97	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	859 MHz-894 MHz	1 MHz	889.52	-62.02	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	852 MHz-869 MHz	1 MHz	858.41	-62.03	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	758 MHz-803 MHz	1 MHz	789.10	-62.00	-50	PASS

n1	30	10	390000	1@23	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.89	-62.49	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1482.84	-61.65	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2015.33	-60.53	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.50	-59.56	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2370.00	-59.73	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2640.92	-59.28	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3596.40	-58.76	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3607.60	-60.72	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1463.44	-61.72	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5538.28	-60.22	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1493.03	-61.67	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.70	-61.86	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2139.61	-58.69	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	738 MHz-758 MHz	1 MHz	757.44	-62.34	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	753 MHz-783 MHz	1 MHz	780.99	-62.14	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	2570	1	2617.25	-59.53	-50	PASS

						MHz-2620 MHz	MHz				
n1	30	10	390000	1@23	CP_QPSK	461 MHz-466 MHz	1 MHz	463.65	-62.52	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	460 MHz-465 MHz	1 MHz	460.06	-62.50	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1503.98	-61.61	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1501.96	-61.66	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.00	-61.90	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-58.91	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3598.00	-58.77	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4998.20	-60.09	-50	PASS
n1	30	10	390000	1@23	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1889.54	-61.05	-40	PASS
n1	30	10	390000	1@23	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1905.70	-54.42	-15.5	PASS
n1	30	10	390000	1@23	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1917.24	-54.37	1.6	PASS
n1	30	10	395000	24@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.51	-36	PASS
n1	30	10	395000	24@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-65.14	-36	PASS
n1	30	10	395000	24@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-70.25	-36	PASS
n1	30	10	395000	24@0	CP_QPSK	1000 MHz-1955.00 MHz	1 MHz	1925.40	-62.68	-30	PASS
n1	30	10	395000	24@0	CP_QPSK	1995.00 MHz-3000 MHz	1 MHz	2162.50	-57.74	-30	PASS

						MHz					
n1	30	10	395000	24@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12222.69	-55.44	-30	PASS
n1	30	10	395000	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2164.42	-56.56	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1872.05	-61.12	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	869 MHz-894 MHz	1 MHz	885.25	-61.94	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2655.77	-59.20	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	925 MHz-960 MHz	1 MHz	927.59	-61.94	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1487.82	-61.56	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	860 MHz-875 MHz	1 MHz	871.72	-61.90	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	875 MHz-890 MHz	1 MHz	878.87	-61.89	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	791 MHz-821 MHz	1 MHz	803.24	-61.93	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1505.02	-61.55	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.76	-58.86	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	859 MHz-894 MHz	1 MHz	859.25	-61.98	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	852 MHz-869 MHz	1 MHz	855.28	-61.96	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	758 MHz-803 MHz	1 MHz	795.89	-61.92	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	466.74	-62.44	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1483.64	-61.63	-50	PASS

n1	30	10	395000	24@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2011.31	-60.52	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.65	-59.52	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2378.90	-59.64	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2644.99	-59.19	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3597.40	-58.70	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3644.60	-60.66	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1464.34	-61.68	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5908.73	-60.19	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1488.78	-61.58	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.50	-61.72	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2163.37	-56.12	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	738 MHz-758 MHz	1 MHz	750.24	-62.30	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	753 MHz-783 MHz	1 MHz	772.53	-62.02	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2608.80	-59.45	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	461 MHz-466 MHz	1 MHz	465.45	-62.35	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	460 MHz-465 MHz	1 MHz	460.20	-62.37	-50	PASS

n1	30	10	395000	24@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1481.11	-61.54	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1483.00	-61.53	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.95	-61.76	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-58.75	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3594.50	-58.70	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4987.40	-59.95	-50	PASS
n1	30	10	395000	24@0	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1886.90	-60.99	-40	PASS
n1	30	10	395000	24@0	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1910.30	-54.27	-15.5	PASS
n1	30	10	395000	24@0	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1915.32	-54.29	1.6	PASS
n1	30	10	395000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.57	-36	PASS
n1	30	10	395000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.54	-36	PASS
n1	30	10	395000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-69.43	-36	PASS
n1	30	10	395000	1@0	CP_QPSK	1000 MHz-1955.00 MHz	1 MHz	1951.18	-62.60	-30	PASS
n1	30	10	395000	1@0	CP_QPSK	1995.00 MHz-3000 MHz	1 MHz	2165.01	-59.55	-30	PASS
n1	30	10	395000	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12306.38	-55.45	-30	PASS
n1	30	10	395000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2165.02	-56.30	-50	PASS

						MHz					
n1	30	10	395000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1877.90	-61.11	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	882.18	-61.90	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2647.79	-59.16	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	932.18	-61.89	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1491.98	-61.55	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	871.70	-61.95	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	875 MHz-890 MHz	1 MHz	876.82	-61.88	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	807.86	-61.92	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1500.94	-61.54	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.32	-58.81	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	871.36	-61.94	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	856.57	-61.97	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	797.96	-61.93	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.74	-62.42	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1495.60	-61.49	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2012.90	-60.48	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.35	-59.36	-50	PASS

n1	30	10	395000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2376.60	-59.58	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2653.33	-59.13	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.80	-58.69	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3657.00	-60.70	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1458.70	-61.63	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5484.80	-60.21	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1493.80	-61.59	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.45	-61.66	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2164.81	-57.71	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.64	-62.20	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	780.09	-61.95	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2616.10	-59.46	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	465.00	-62.40	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	461.10	-62.46	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1498.01	-61.53	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1501.19	-61.51	-50	PASS

n1	30	10	395000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.65	-61.83	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3595.20	-58.75	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3597.00	-58.74	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4985.60	-59.94	-50	PASS
n1	30	10	395000	1@0	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1885.35	-60.99	-40	PASS
n1	30	10	395000	1@0	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1908.34	-54.24	-15.5	PASS
n1	30	10	395000	1@0	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1918.99	-54.27	1.6	PASS
n1	30	10	395000	1@23	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.76	-36	PASS
n1	30	10	395000	1@23	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.80	-36	PASS
n1	30	10	395000	1@23	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-70.58	-36	PASS
n1	30	10	395000	1@23	CP_QPSK	1000 MHz-1955.00 MHz	1 MHz	1946.41	-59.39	-30	PASS
n1	30	10	395000	1@23	CP_QPSK	1995.00 MHz-3000 MHz	1 MHz	2167.53	-58.97	-30	PASS
n1	30	10	395000	1@23	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12224.31	-55.32	-30	PASS
n1	30	10	395000	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2165.44	-57.73	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1879.25	-61.06	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	869 MHz-894 MHz	1 MHz	873.43	-61.84	-50	PASS

n1	30	10	395000	1@23	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2649.47	-59.14	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	925 MHz-960 MHz	1 MHz	928.78	-61.91	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1484.12	-61.55	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	860 MHz-875 MHz	1 MHz	869.29	-61.88	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	875 MHz-890 MHz	1 MHz	876.16	-61.88	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	791 MHz-821 MHz	1 MHz	802.31	-61.88	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1501.59	-61.53	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3590.00	-58.75	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	859 MHz-894 MHz	1 MHz	868.03	-61.88	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	852 MHz-869 MHz	1 MHz	868.78	-61.89	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	758 MHz-803 MHz	1 MHz	798.55	-61.95	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.88	-62.41	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1495.52	-61.53	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2020.25	-60.48	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.55	-59.49	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2372.00	-59.61	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2647.90	-59.10	-50	PASS

n1	30	10	395000	1@23	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.80	-58.70	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3635.80	-60.68	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1464.14	-61.66	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5460.78	-60.23	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1504.42	-61.49	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.33	-61.79	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2168.50	-57.77	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	738 MHz-758 MHz	1 MHz	757.60	-62.16	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	753 MHz-783 MHz	1 MHz	778.02	-62.01	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.50	-59.45	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	461 MHz-466 MHz	1 MHz	464.07	-62.43	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	460 MHz-465 MHz	1 MHz	460.32	-62.40	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1496.84	-61.47	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1516.07	-61.47	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.84	-61.86	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.00	-58.67	-50	PASS

n1	30	10	395000	1@23	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3598.00	-58.71	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4997.00	-59.95	-50	PASS
n1	30	10	395000	1@23	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1880.08	-60.94	-40	PASS
n1	30	10	395000	1@23	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1910.18	-54.28	-15.5	PASS
n1	30	10	395000	1@23	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1915.88	-54.31	1.6	PASS
n1	30	15	385500	38@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-61.03	-36	PASS
n1	30	15	385500	38@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.47	-36	PASS
n1	30	15	385500	38@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-69.46	-36	PASS
n1	30	15	385500	38@0	CP_QPSK	1000 MHz-1900.00 MHz	1 MHz	1900.00	-54.07	-30	PASS
n1	30	15	385500	38@0	CP_QPSK	1955.00 MHz-3000 MHz	1 MHz	1956.74	-45.82	-30	PASS
n1	30	15	385500	38@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12243.00	-55.45	-30	PASS
n1	30	15	385500	38@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2115.34	-59.53	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1878.50	-61.11	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	869 MHz-894 MHz	1 MHz	871.68	-61.96	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2640.16	-59.19	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	925 MHz-960 MHz	1 MHz	927.21	-61.97	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	1475.9	1	1495.28	-61.64	-50	PASS

						MHz-1495.9 MHz	MHz				
n1	30	15	385500	38@0	CP_QPSK	860 MHz-875 MHz	1 MHz	871.49	-61.95	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	875 MHz-890 MHz	1 MHz	889.78	-61.90	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	791 MHz-821 MHz	1 MHz	791.90	-61.99	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1504.00	-61.59	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3586.88	-58.88	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	859 MHz-894 MHz	1 MHz	870.34	-61.97	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	852 MHz-869 MHz	1 MHz	861.52	-62.03	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	758 MHz-803 MHz	1 MHz	784.69	-61.97	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.15	-62.48	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1494.55	-61.62	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2015.37	-60.54	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2615.05	-59.56	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2381.00	-59.69	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2641.69	-59.30	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.20	-58.69	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3626.40	-60.76	-50	PASS

n1	30	15	385500	38@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1459.88	-61.74	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5919.58	-60.11	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1507.99	-61.57	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.58	-61.84	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2121.52	-59.58	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	738 MHz-758 MHz	1 MHz	751.00	-62.36	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	753 MHz-783 MHz	1 MHz	779.07	-62.01	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2615.75	-59.54	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	461 MHz-466 MHz	1 MHz	461.87	-62.49	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	460 MHz-465 MHz	1 MHz	464.34	-62.48	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1484.03	-61.59	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1505.78	-61.65	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.14	-61.90	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-58.81	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3598.00	-58.73	-50	PASS
n1	30	15	385500	38@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4977.80	-60.06	-50	PASS

n1	30	15	385500	38@0	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1889.87	-60.77	-40	PASS
n1	30	15	385500	38@0	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1911.62	-35.05	-15.5	PASS
n1	30	15	385500	38@0	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1915.04	-39.04	1.6	PASS
n1	30	15	385500	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.55	-36	PASS
n1	30	15	385500	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-62.56	-36	PASS
n1	30	15	385500	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-70.63	-36	PASS
n1	30	15	385500	1@0	CP_QPSK	1000 MHz-1900.00 MHz	1 MHz	1660.60	-60.10	-30	PASS
n1	30	15	385500	1@0	CP_QPSK	1955.00 MHz-3000 MHz	1 MHz	1955.87	-58.76	-30	PASS
n1	30	15	385500	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12267.38	-55.47	-30	PASS
n1	30	15	385500	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2118.94	-59.52	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1874.98	-61.14	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	872.10	-61.98	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2641.00	-59.19	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	929.38	-62.00	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1489.76	-61.65	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	868.45	-62.00	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	875 MHz-890 MHz	1 MHz	885.20	-61.98	-50	PASS

n1	30	15	385500	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	799.25	-61.94	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1508.71	-61.62	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3587.76	-58.84	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	862.78	-62.00	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	864.43	-62.02	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	791.08	-62.00	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.70	-62.49	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1462.03	-61.65	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2020.56	-60.57	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.10	-59.49	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2376.20	-59.68	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2644.60	-59.31	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3600.00	-58.70	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3664.00	-60.73	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1462.82	-61.71	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5924.23	-60.19	-50	PASS

n1	30	15	385500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1510.20	-61.56	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.76	-61.88	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2116.57	-59.55	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	752.30	-62.29	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	782.49	-62.09	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2615.15	-59.56	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	462.08	-62.53	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	463.07	-62.48	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1501.79	-61.63	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1481.81	-61.63	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.07	-61.86	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-58.77	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3596.50	-58.85	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4968.80	-60.08	-50	PASS
n1	30	15	385500	1@0	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1880.41	-61.00	-40	PASS
n1	30	15	385500	1@0	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1911.08	-43.16	-15.5	PASS

n1	30	15	385500	1@0	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1919.98	-42.54	1.6	PASS
n1	30	15	385500	1@37	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.34	-36	PASS
n1	30	15	385500	1@37	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.02	-36	PASS
n1	30	15	385500	1@37	CP_QPSK	30 MHz-1000 MHz	100 kHz	932.97	-71.13	-36	PASS
n1	30	15	385500	1@37	CP_QPSK	1000 MHz-1900.00 MHz	1 MHz	1899.10	-62.93	-30	PASS
n1	30	15	385500	1@37	CP_QPSK	1955.00 MHz-3000 MHz	1 MHz	2114.36	-61.37	-30	PASS
n1	30	15	385500	1@37	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12225.13	-55.45	-30	PASS
n1	30	15	385500	1@37	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2118.40	-59.47	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1876.18	-61.16	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	869 MHz-894 MHz	1 MHz	872.60	-62.02	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2655.49	-59.28	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	925 MHz-960 MHz	1 MHz	935.92	-61.92	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1489.12	-61.61	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	860 MHz-875 MHz	1 MHz	866.14	-62.02	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	875 MHz-890 MHz	1 MHz	879.53	-61.99	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	791 MHz-821 MHz	1 MHz	800.33	-61.89	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1504.84	-61.61	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	3510	1	3587.76	-58.72	-50	PASS

						MHz-3590 MHz	MHz				
n1	30	15	385500	1@37	CP_QPSK	859 MHz-894 MHz	1 MHz	875.31	-62.00	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	852 MHz-869 MHz	1 MHz	852.58	-62.02	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	758 MHz-803 MHz	1 MHz	793.42	-61.98	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	466.17	-62.49	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1467.84	-61.66	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2019.59	-60.52	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.10	-59.55	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2368.50	-59.69	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2641.11	-59.26	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.00	-58.66	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3645.20	-60.73	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1466.34	-61.69	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5913.38	-60.13	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1512.33	-61.61	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.74	-61.84	-50	PASS

n1	30	15	385500	1@37	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2115.49	-59.55	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	738 MHz-758 MHz	1 MHz	756.62	-62.31	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	753 MHz-783 MHz	1 MHz	780.81	-62.07	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2608.75	-59.51	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	461 MHz-466 MHz	1 MHz	464.08	-62.52	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	460 MHz-465 MHz	1 MHz	462.68	-62.48	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1506.82	-61.63	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1514.45	-61.59	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.75	-61.85	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3595.20	-58.84	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3594.50	-58.81	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4982.60	-60.06	-50	PASS
n1	30	15	385500	1@37	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1883.54	-61.05	-40	PASS
n1	30	15	385500	1@37	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1906.70	-48.61	-15.5	PASS
n1	30	15	385500	1@37	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1919.65	-54.33	1.6	PASS
n1	30	15	390000	38@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.38	-36	PASS
n1	30	15	390000	38@0	CP_QPSK	150 kHz-30	10	0.17	-64.54	-36	PASS

						MHz	kHz				
n1	30	15	390000	38@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	926.09	-70.86	-36	PASS
n1	30	15	390000	38@0	CP_QPSK	1000 MHz-1922.50 MHz	1 MHz	1922.50	-44.87	-30	PASS
n1	30	15	390000	38@0	CP_QPSK	1977.50 MHz-3000 MHz	1 MHz	1978.35	-45.89	-30	PASS
n1	30	15	390000	38@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12229.19	-55.48	-30	PASS
n1	30	15	390000	38@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2134.12	-59.17	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1879.70	-61.10	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	869 MHz-894 MHz	1 MHz	872.58	-61.91	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2654.09	-59.20	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	925 MHz-960 MHz	1 MHz	936.03	-61.90	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1494.98	-61.55	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	860 MHz-875 MHz	1 MHz	872.05	-61.87	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	875 MHz-890 MHz	1 MHz	879.88	-61.98	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	791 MHz-821 MHz	1 MHz	798.35	-61.93	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1496.62	-61.59	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.96	-58.90	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	859 MHz-894 MHz	1 MHz	870.03	-61.95	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	852 MHz-869 MHz	1 MHz	854.94	-61.93	-50	PASS

n1	30	15	390000	38@0	CP_QPSK	758 MHz-803 MHz	1 MHz	778.61	-62.00	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.40	-62.47	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1473.16	-61.64	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2019.39	-60.54	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.05	-59.44	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2379.70	-59.63	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2648.48	-59.21	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.40	-58.77	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3632.60	-60.69	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1465.88	-61.66	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5920.35	-60.18	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1499.41	-61.61	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.66	-61.79	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2138.89	-59.65	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	738 MHz-758 MHz	1 MHz	756.42	-62.32	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	753 MHz-783 MHz	1 MHz	777.42	-62.07	-50	PASS

						MHz	MHz				
n1	30	15	390000	38@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.40	-59.53	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	461 MHz-466 MHz	1 MHz	462.72	-62.47	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	460 MHz-465 MHz	1 MHz	460.62	-62.46	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1491.04	-61.55	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1507.82	-61.62	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.75	-61.87	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3594.30	-58.82	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3597.00	-58.79	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4992.20	-60.03	-50	PASS
n1	30	15	390000	38@0	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1881.48	-61.01	-40	PASS
n1	30	15	390000	38@0	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1911.38	-50.75	-15.5	PASS
n1	30	15	390000	38@0	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1915.03	-52.57	1.6	PASS
n1	30	15	390000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.87	-36	PASS
n1	30	15	390000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-63.36	-36	PASS
n1	30	15	390000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	910.37	-71.24	-36	PASS
n1	30	15	390000	1@0	CP_QPSK	1000 MHz-1922.50 MHz	1 MHz	1922.50	-57.23	-30	PASS

n1	30	15	390000	1@0	CP_QPSK	1977.50 MHz-3000 MHz	1 MHz	1978.35	-59.13	-30	PASS
n1	30	15	390000	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12271.44	-55.39	-30	PASS
n1	30	15	390000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2144.68	-58.24	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1868.68	-61.09	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	876.68	-61.90	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2643.10	-59.18	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	932.53	-61.90	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1487.08	-61.57	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	860.30	-61.95	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	875 MHz-890 MHz	1 MHz	884.44	-61.97	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	800.42	-61.97	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1508.46	-61.53	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.60	-58.87	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	872.41	-61.94	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	852.49	-61.94	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	799.54	-62.02	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.57	-62.50	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	1452	1	1474.00	-61.64	-50	PASS

						MHz-1496 MHz	MHz				
n1	30	15	390000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2014.11	-60.54	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2609.60	-59.54	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2394.00	-59.56	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2651.39	-59.23	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.20	-58.67	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3672.80	-60.68	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1452.40	-61.69	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5473.95	-60.19	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1509.44	-61.63	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.33	-61.85	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2137.09	-59.89	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	756.02	-62.30	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	781.02	-62.03	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2613.15	-59.53	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.01	-62.44	-50	PASS

n1	30	15	390000	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	463.51	-62.43	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1490.44	-61.53	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1500.09	-61.61	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.88	-61.80	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.90	-58.77	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.00	-58.82	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4997.00	-59.98	-50	PASS
n1	30	15	390000	1@0	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1887.74	-60.98	-40	PASS
n1	30	15	390000	1@0	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1910.28	-54.21	-15.5	PASS
n1	30	15	390000	1@0	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1915.09	-54.33	1.6	PASS
n1	30	15	390000	1@37	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.31	-36	PASS
n1	30	15	390000	1@37	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-62.71	-36	PASS
n1	30	15	390000	1@37	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-69.81	-36	PASS
n1	30	15	390000	1@37	CP_QPSK	1000 MHz-1922.50 MHz	1 MHz	1922.50	-56.81	-30	PASS
n1	30	15	390000	1@37	CP_QPSK	1977.50 MHz-3000 MHz	1 MHz	2143.66	-61.18	-30	PASS
n1	30	15	390000	1@37	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12261.69	-55.42	-30	PASS

n1	30	15	390000	1@37	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2136.28	-59.68	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1875.80	-61.15	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	869 MHz-894 MHz	1 MHz	878.33	-61.87	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2655.70	-59.21	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	925 MHz-960 MHz	1 MHz	926.75	-61.96	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1483.20	-61.61	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	860 MHz-875 MHz	1 MHz	872.32	-61.87	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	875 MHz-890 MHz	1 MHz	875.77	-61.94	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	791 MHz-821 MHz	1 MHz	795.14	-61.98	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1504.74	-61.58	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.52	-58.77	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	859 MHz-894 MHz	1 MHz	884.83	-61.99	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	852 MHz-869 MHz	1 MHz	867.93	-61.97	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	758 MHz-803 MHz	1 MHz	782.89	-61.94	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.41	-62.49	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1492.35	-61.64	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2018.19	-60.51	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	2570	1 MHz	2618.70	-59.47	-50	PASS

						MHz-2620 MHz	MHz				
n1	30	15	390000	1@37	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2379.10	-59.69	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2644.02	-59.29	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.40	-58.68	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3630.20	-60.69	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1465.58	-61.70	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5909.50	-60.26	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1510.54	-61.63	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.55	-61.87	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2135.02	-59.49	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	738 MHz-758 MHz	1 MHz	756.90	-62.32	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	753 MHz-783 MHz	1 MHz	779.28	-62.01	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.40	-59.55	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	461 MHz-466 MHz	1 MHz	465.22	-62.44	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	460 MHz-465 MHz	1 MHz	464.01	-62.41	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1483.51	-61.57	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	1432	1	1507.82	-61.58	-50	PASS

						MHz-1517 MHz	MHz				
n1	30	15	390000	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.57	-61.89	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-58.73	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3598.00	-58.74	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4998.80	-60.01	-50	PASS
n1	30	15	390000	1@37	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1888.91	-61.02	-40	PASS
n1	30	15	390000	1@37	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1910.16	-54.24	-15.5	PASS
n1	30	15	390000	1@37	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1918.38	-54.32	1.6	PASS
n1	30	15	394500	38@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.38	-36	PASS
n1	30	15	394500	38@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-65.61	-36	PASS
n1	30	15	394500	38@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-69.62	-36	PASS
n1	30	15	394500	38@0	CP_QPSK	1000 MHz-1945.00 MHz	1 MHz	1945.00	-43.97	-30	PASS
n1	30	15	394500	38@0	CP_QPSK	2000.00 MHz-3000 MHz	1 MHz	2000.83	-51.91	-30	PASS
n1	30	15	394500	38@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12197.50	-55.45	-30	PASS
n1	30	15	394500	38@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2162.56	-59.17	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1874.68	-60.98	-50	PASS

n1	30	15	394500	38@0	CP_QPSK	869 MHz-894 MHz	1 MHz	875.40	-61.87	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2641.56	-59.15	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	925 MHz-960 MHz	1 MHz	930.85	-61.84	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1478.90	-61.43	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	860 MHz-875 MHz	1 MHz	871.16	-61.88	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	875 MHz-890 MHz	1 MHz	886.28	-61.84	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	791 MHz-821 MHz	1 MHz	800.21	-61.85	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1500.69	-61.46	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3586.72	-58.86	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	859 MHz-894 MHz	1 MHz	874.09	-61.91	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	852 MHz-869 MHz	1 MHz	865.19	-61.91	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	758 MHz-803 MHz	1 MHz	781.45	-61.94	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.53	-62.39	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1492.08	-61.58	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2019.84	-60.46	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.15	-59.44	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2380.00	-59.57	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	2496 MHz	1 MHz	2642.86	-59.20	-50	PASS

						MHz-2690 MHz	MHz				
n1	30	15	394500	38@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.20	-58.72	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3632.60	-60.68	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1463.50	-61.65	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5475.50	-60.19	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1502.81	-61.51	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.32	-61.79	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2158.78	-59.22	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	738 MHz-758 MHz	1 MHz	751.08	-62.25	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	753 MHz-783 MHz	1 MHz	778.02	-61.99	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.00	-59.42	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	461 MHz-466 MHz	1 MHz	461.75	-62.38	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	460 MHz-465 MHz	1 MHz	460.25	-62.39	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1512.54	-61.55	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1481.64	-61.54	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.92	-61.80	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	3300	1	3598.80	-58.80	-50	PASS

						MHz-4200 MHz	MHz				
n1	30	15	394500	38@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.50	-58.70	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4993.40	-59.96	-50	PASS
n1	30	15	394500	38@0	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1889.07	-60.97	-40	PASS
n1	30	15	394500	38@0	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1910.48	-53.93	-15.5	PASS
n1	30	15	394500	38@0	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1915.47	-54.21	1.6	PASS
n1	30	15	394500	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.30	-36	PASS
n1	30	15	394500	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.96	-36	PASS
n1	30	15	394500	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-69.82	-36	PASS
n1	30	15	394500	1@0	CP_QPSK	1000 MHz-1945.00 MHz	1 MHz	1945.00	-56.29	-30	PASS
n1	30	15	394500	1@0	CP_QPSK	2000.00 MHz-3000 MHz	1 MHz	2162.50	-60.73	-30	PASS
n1	30	15	394500	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12219.44	-55.42	-30	PASS
n1	30	15	394500	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2160.34	-57.05	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1879.10	-61.11	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	892.03	-61.92	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2658.36	-59.03	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	925 MHz-960	1	931.41	-61.87	-50	PASS

						MHz	MHz				
n1	30	15	394500	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1481.62	-61.51	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	874.04	-61.89	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	875 MHz-890 MHz	1 MHz	875.63	-61.90	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	800.09	-61.93	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1499.85	-61.54	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.88	-58.85	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	871.39	-61.90	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	859.63	-61.97	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	779.65	-61.98	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	466.95	-62.48	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1492.74	-61.58	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2022.72	-60.47	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.20	-59.49	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2378.50	-59.70	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2639.17	-59.24	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.60	-58.71	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	3600	1	3619.40	-60.73	-50	PASS

						MHz-3800 MHz	MHz				
n1	30	15	394500	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1462.10	-61.68	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5490.23	-60.26	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1504.93	-61.53	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.05	-61.84	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2159.59	-59.54	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.10	-62.22	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	777.39	-61.90	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.00	-59.54	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.24	-62.43	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	462.69	-62.44	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1481.06	-61.52	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1510.63	-61.56	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.17	-61.87	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-58.79	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.00	-58.77	-50	PASS
n1	30	15	394500	1@0	CP_QPSK	4400	1	4992.80	-59.97	-50	PASS

						MHz-5000 MHz	MHz				
n1	30	15	394500	1@0	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1886.12	-61.00	-40	PASS
n1	30	15	394500	1@0	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1911.62	-54.21	-15.5	PASS
n1	30	15	394500	1@0	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1917.05	-54.30	1.6	PASS
n1	30	15	394500	1@37	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.09	-36	PASS
n1	30	15	394500	1@37	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.59	-36	PASS
n1	30	15	394500	1@37	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-69.37	-36	PASS
n1	30	15	394500	1@37	CP_QPSK	1000 MHz-1945.00 MHz	1 MHz	1945.00	-56.29	-30	PASS
n1	30	15	394500	1@37	CP_QPSK	2000.00 MHz-3000 MHz	1 MHz	2163.33	-60.72	-30	PASS
n1	30	15	394500	1@37	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12224.31	-55.43	-30	PASS
n1	30	15	394500	1@37	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2157.16	-59.20	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1879.03	-61.05	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	869 MHz-894 MHz	1 MHz	871.65	-61.93	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2648.98	-59.21	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	925 MHz-960 MHz	1 MHz	930.74	-61.95	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1487.78	-61.56	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	860 MHz-875 MHz	1 MHz	860.36	-61.93	-50	PASS

n1	30	15	394500	1@37	CP_QPSK	875 MHz-890 MHz	1 MHz	889.01	-61.90	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	791 MHz-821 MHz	1 MHz	805.85	-61.89	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1504.57	-61.55	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.44	-58.78	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	859 MHz-894 MHz	1 MHz	881.44	-61.99	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	852 MHz-869 MHz	1 MHz	865.21	-61.99	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	758 MHz-803 MHz	1 MHz	793.33	-61.96	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.54	-62.44	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1495.30	-61.57	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2012.88	-60.51	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2620.00	-59.45	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2393.10	-59.59	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2646.35	-59.17	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.80	-58.75	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3635.60	-60.72	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1459.26	-61.67	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	5150	1	5501.85	-60.22	-50	PASS

						MHz-5925 MHz	MHz				
n1	30	15	394500	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1476.37	-61.60	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.93	-61.87	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2161.30	-58.87	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	738 MHz-758 MHz	1 MHz	757.38	-62.18	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	753 MHz-783 MHz	1 MHz	779.46	-61.99	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.90	-59.44	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	461 MHz-466 MHz	1 MHz	463.95	-62.45	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	460 MHz-465 MHz	1 MHz	463.79	-62.39	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1475.77	-61.51	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1516.66	-61.61	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.84	-61.79	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3591.60	-58.80	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3598.50	-58.63	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4958.60	-60.03	-50	PASS
n1	30	15	394500	1@37	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1887.71	-61.03	-40	PASS
n1	30	15	394500	1@37	CP_QPSK	1895	5	1909.90	-54.25	-15.5	PASS

						MHz-1915 MHz	MHz				
n1	30	15	394500	1@37	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1915.32	-54.32	1.6	PASS
n1	30	20	386000	51@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.66	-36	PASS
n1	30	20	386000	51@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.18	-66.84	-36	PASS
n1	30	20	386000	51@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-69.94	-36	PASS
n1	30	20	386000	51@0	CP_QPSK	1000 MHz-1895.00 MHz	1 MHz	1895.00	-60.34	-30	PASS
n1	30	20	386000	51@0	CP_QPSK	1965.00 MHz-3000 MHz	1 MHz	1965.86	-45.21	-30	PASS
n1	30	20	386000	51@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12246.25	-55.50	-30	PASS
n1	30	20	386000	51@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2119.12	-59.72	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1879.55	-61.04	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	869 MHz-894 MHz	1 MHz	883.78	-62.01	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2650.52	-59.31	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	925 MHz-960 MHz	1 MHz	936.55	-62.00	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1491.74	-61.63	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	860 MHz-875 MHz	1 MHz	873.40	-61.94	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	875 MHz-890 MHz	1 MHz	878.69	-62.03	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	791 MHz-821 MHz	1 MHz	804.86	-62.03	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1497.43	-61.60	-50	PASS

						MHz					
n1	30	20	386000	51@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.08	-58.97	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	859 MHz-894 MHz	1 MHz	873.04	-61.87	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	852 MHz-869 MHz	1 MHz	859.94	-62.03	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	758 MHz-803 MHz	1 MHz	796.70	-62.04	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.27	-62.51	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1495.38	-61.65	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2016.00	-60.63	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2614.60	-59.59	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2366.60	-59.72	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2655.08	-59.34	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3596.40	-58.77	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3634.40	-60.79	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1457.38	-61.79	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5494.88	-60.21	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1517.00	-61.69	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	1427	1	1431.18	-61.91	-50	PASS

						MHz-1432 MHz	MHz				
n1	30	20	386000	51@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2118.64	-59.82	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	738 MHz-758 MHz	1 MHz	755.70	-62.33	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	753 MHz-783 MHz	1 MHz	779.43	-62.05	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.60	-59.54	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	461 MHz-466 MHz	1 MHz	461.77	-62.53	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	460 MHz-465 MHz	1 MHz	464.48	-62.49	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1498.87	-61.64	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1494.22	-61.63	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.32	-61.91	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.00	-58.83	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.50	-58.84	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4990.40	-60.07	-50	PASS
n1	30	20	386000	51@0	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1889.50	-60.28	-40	PASS
n1	30	20	386000	51@0	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1910.86	-33.43	-15.5	PASS
n1	30	20	386000	51@0	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1915.03	-37.62	1.6	PASS
n1	30	20	386000	1@0	CP_QPSK	9 kHz-150	1	0.01	-60.32	-36	PASS

						kHz	kHz				
n1	30	20	386000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.98	-36	PASS
n1	30	20	386000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	873.61	-70.55	-36	PASS
n1	30	20	386000	1@0	CP_QPSK	1000 MHz-1895.00 MHz	1 MHz	1660.51	-61.05	-30	PASS
n1	30	20	386000	1@0	CP_QPSK	1965.00 MHz-3000 MHz	1 MHz	2117.66	-61.38	-30	PASS
n1	30	20	386000	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12237.31	-55.56	-30	PASS
n1	30	20	386000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2116.84	-58.84	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1863.13	-61.13	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	872.45	-61.88	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2654.93	-59.28	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	933.12	-61.97	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1482.20	-61.64	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	872.21	-62.02	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	875 MHz-890 MHz	1 MHz	876.37	-61.97	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	801.23	-62.03	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1503.69	-61.65	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.48	-58.96	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	870.80	-62.04	-50	PASS

n1	30	20	386000	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	860.43	-62.02	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	799.76	-62.06	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.77	-62.46	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1488.70	-61.67	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2016.33	-60.63	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2615.85	-59.53	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2395.30	-59.71	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2641.11	-59.27	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.60	-58.80	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3651.00	-60.77	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1458.46	-61.72	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5915.70	-60.29	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1467.02	-61.68	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.73	-61.93	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2115.22	-59.74	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	752.68	-62.30	-50	PASS

						MHz	MHz				
n1	30	20	386000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	777.36	-62.13	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.05	-59.58	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	461.03	-62.51	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	462.61	-62.51	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1477.67	-61.62	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1466.09	-61.64	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.19	-61.94	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3595.20	-58.81	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3597.00	-58.86	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4986.80	-60.17	-50	PASS
n1	30	20	386000	1@0	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1882.05	-61.07	-40	PASS
n1	30	20	386000	1@0	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1911.86	-41.32	-15.5	PASS
n1	30	20	386000	1@0	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1919.94	-43.75	1.6	PASS
n1	30	20	386000	1@50	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.26	-36	PASS
n1	30	20	386000	1@50	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.93	-36	PASS
n1	30	20	386000	1@50	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-70.96	-36	PASS
n1	30	20	386000	1@50	CP_QPSK	1000 MHz	1 MHz	1679.31	-62.06	-30	PASS

						MHz-1895.00 MHz	MHz				
n1	30	20	386000	1@50	CP_QPSK	1965.00 MHz-3000 MHz	1 MHz	2123.70	-61.20	-30	PASS
n1	30	20	386000	1@50	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12233.25	-55.48	-30	PASS
n1	30	20	386000	1@50	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2125.06	-59.80	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1874.60	-61.18	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	869 MHz-894 MHz	1 MHz	870.50	-61.93	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2642.61	-59.32	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	925 MHz-960 MHz	1 MHz	928.19	-62.02	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1489.04	-61.64	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	860 MHz-875 MHz	1 MHz	871.63	-61.96	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	875 MHz-890 MHz	1 MHz	882.41	-62.06	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	791 MHz-821 MHz	1 MHz	814.94	-61.99	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1509.37	-61.64	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.68	-58.96	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	859 MHz-894 MHz	1 MHz	880.35	-62.02	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	852 MHz-869 MHz	1 MHz	853.46	-62.07	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	758 MHz-803 MHz	1 MHz	788.60	-62.07	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.19	-62.52	-50	PASS

						MHz					
n1	30	20	386000	1@50	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1484.56	-61.63	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2024.37	-60.54	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.90	-59.56	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2388.60	-59.68	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2639.17	-59.30	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3597.20	-58.81	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3631.60	-60.80	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1467.00	-61.71	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5924.23	-60.20	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1496.52	-61.68	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.02	-61.94	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2123.95	-59.83	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	738 MHz-758 MHz	1 MHz	756.78	-62.39	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	753 MHz-783 MHz	1 MHz	772.56	-62.05	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.00	-59.57	-50	PASS

n1	30	20	386000	1@50	CP_QPSK	461 MHz-466 MHz	1 MHz	465.19	-62.52	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	460 MHz-465 MHz	1 MHz	462.76	-62.53	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1505.10	-61.65	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1514.96	-61.63	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.80	-61.98	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-58.87	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3597.50	-58.70	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4991.60	-60.10	-50	PASS
n1	30	20	386000	1@50	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1886.58	-61.11	-40	PASS
n1	30	20	386000	1@50	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1910.20	-44.61	-15.5	PASS
n1	30	20	386000	1@50	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1915.01	-48.70	1.6	PASS
n1	30	20	390000	51@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.74	-36	PASS
n1	30	20	390000	51@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.19	-66.98	-36	PASS
n1	30	20	390000	51@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-69.02	-36	PASS
n1	30	20	390000	51@0	CP_QPSK	1000 MHz-1915.00 MHz	1 MHz	1915.00	-45.96	-30	PASS
n1	30	20	390000	51@0	CP_QPSK	1985.00 MHz-3000 MHz	1 MHz	1985.85	-47.13	-30	PASS
n1	30	20	390000	51@0	CP_QPSK	3000 MHz	1 MHz	12231.63	-55.45	-30	PASS

						MHz-12.75 GHz	MHz				
n1	30	20	390000	51@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2135.26	-59.81	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1874.30	-61.17	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	869 MHz-894 MHz	1 MHz	875.85	-61.88	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2646.04	-59.26	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	925 MHz-960 MHz	1 MHz	937.32	-61.96	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1488.12	-61.64	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	860 MHz-875 MHz	1 MHz	873.65	-62.02	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	875 MHz-890 MHz	1 MHz	884.78	-62.00	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	791 MHz-821 MHz	1 MHz	797.39	-62.03	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1498.81	-61.62	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.32	-58.96	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	859 MHz-894 MHz	1 MHz	877.38	-62.01	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	852 MHz-869 MHz	1 MHz	863.49	-62.03	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	758 MHz-803 MHz	1 MHz	801.65	-62.02	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.10	-62.53	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1491.56	-61.65	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2017.05	-60.57	-50	PASS

						MHz					
n1	30	20	390000	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.85	-59.56	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2369.90	-59.66	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2641.89	-59.29	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.80	-58.72	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3635.20	-60.80	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1456.40	-61.65	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5911.05	-60.27	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1510.63	-61.62	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.65	-61.82	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2133.58	-59.88	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	738 MHz-758 MHz	1 MHz	755.10	-62.30	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	753 MHz-783 MHz	1 MHz	780.33	-62.05	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2613.55	-59.58	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	461 MHz-466 MHz	1 MHz	462.41	-62.49	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	460 MHz-465 MHz	1 MHz	463.04	-62.53	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1498.39	-61.60	-50	PASS

						MHz					
n1	30	20	390000	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1500.09	-61.68	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.59	-61.91	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.90	-58.92	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.00	-58.80	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4993.40	-60.07	-50	PASS
n1	30	20	390000	51@0	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1889.39	-61.04	-40	PASS
n1	30	20	390000	51@0	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1910.74	-45.81	-15.5	PASS
n1	30	20	390000	51@0	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1915.04	-49.28	1.6	PASS
n1	30	20	390000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.09	-36	PASS
n1	30	20	390000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.34	-36	PASS
n1	30	20	390000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-69.32	-36	PASS
n1	30	20	390000	1@0	CP_QPSK	1000 MHz-1915.00 MHz	1 MHz	1680.76	-60.49	-30	PASS
n1	30	20	390000	1@0	CP_QPSK	1985.00 MHz-3000 MHz	1 MHz	2132.18	-61.63	-30	PASS
n1	30	20	390000	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12269.00	-55.50	-30	PASS
n1	30	20	390000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2134.96	-58.79	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	1805	1	1877.98	-61.17	-50	PASS

						MHz-1880 MHz	MHz				
n1	30	20	390000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	873.15	-62.00	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2646.95	-59.23	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	926.26	-61.91	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1483.54	-61.63	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	871.91	-61.98	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	875 MHz-890 MHz	1 MHz	876.28	-61.92	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	802.43	-61.96	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1496.76	-61.61	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3590.00	-58.95	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	876.96	-61.93	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	862.23	-62.03	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	801.70	-62.01	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.75	-62.47	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1493.32	-61.65	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2024.33	-60.53	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.15	-59.62	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2371.60	-59.68	-50	PASS

						MHz					
n1	30	20	390000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2654.50	-59.25	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.80	-58.73	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3646.40	-60.77	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1463.60	-61.66	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5521.23	-60.23	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1480.96	-61.65	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.77	-61.89	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2133.67	-58.61	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	753.82	-62.34	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	773.85	-62.12	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2615.55	-59.53	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.86	-62.50	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	461.71	-62.54	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1508.80	-61.63	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1492.27	-61.63	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.51	-61.87	-50	PASS

						MHz					
n1	30	20	390000	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3595.20	-58.86	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.00	-58.76	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4995.20	-60.04	-50	PASS
n1	30	20	390000	1@0	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1884.86	-61.04	-40	PASS
n1	30	20	390000	1@0	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1909.98	-54.18	-15.5	PASS
n1	30	20	390000	1@0	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1915.05	-54.35	1.6	PASS
n1	30	20	390000	1@50	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.43	-36	PASS
n1	30	20	390000	1@50	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.06	-36	PASS
n1	30	20	390000	1@50	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-71.27	-36	PASS
n1	30	20	390000	1@50	CP_QPSK	1000 MHz-1915.00 MHz	1 MHz	1699.06	-60.66	-30	PASS
n1	30	20	390000	1@50	CP_QPSK	1985.00 MHz-3000 MHz	1 MHz	2998.31	-61.52	-30	PASS
n1	30	20	390000	1@50	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12245.44	-55.53	-30	PASS
n1	30	20	390000	1@50	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2135.32	-59.79	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1879.63	-61.17	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	869 MHz-894 MHz	1 MHz	873.65	-61.96	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2639.95	-59.25	-50	PASS

						MHz					
n1	30	20	390000	1@50	CP_QPSK	925 MHz-960 MHz	1 MHz	926.47	-61.97	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1486.22	-61.59	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	860 MHz-875 MHz	1 MHz	871.84	-61.91	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	875 MHz-890 MHz	1 MHz	875.53	-61.93	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	791 MHz-821 MHz	1 MHz	796.31	-62.02	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1505.20	-61.62	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.96	-58.88	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	859 MHz-894 MHz	1 MHz	871.60	-61.98	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	852 MHz-869 MHz	1 MHz	868.10	-62.04	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	758 MHz-803 MHz	1 MHz	780.41	-62.03	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.54	-62.50	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1483.68	-61.65	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2022.41	-60.58	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2616.80	-59.53	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2378.10	-59.68	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2658.38	-59.32	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.40	-58.71	-50	PASS

						MHz					
n1	30	20	390000	1@50	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3643.20	-60.76	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1465.44	-61.74	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5900.20	-60.24	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1505.10	-61.61	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.99	-61.90	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2131.69	-59.81	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	738 MHz-758 MHz	1 MHz	753.02	-62.35	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	753 MHz-783 MHz	1 MHz	780.57	-62.00	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2612.45	-59.57	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	461 MHz-466 MHz	1 MHz	464.16	-62.53	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	460 MHz-465 MHz	1 MHz	462.55	-62.49	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1479.73	-61.66	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1509.61	-61.67	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.94	-61.91	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3596.10	-58.85	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3598.50	-58.65	-50	PASS

						MHz					
n1	30	20	390000	1@50	CP_QPSK	4400 MHz-5000 MHz	1 MHz	5000.00	-60.11	-50	PASS
n1	30	20	390000	1@50	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1889.72	-61.02	-40	PASS
n1	30	20	390000	1@50	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1911.38	-54.26	-15.5	PASS
n1	30	20	390000	1@50	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1915.86	-54.37	1.6	PASS
n1	30	20	394000	51@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.26	-36	PASS
n1	30	20	394000	51@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.50	-36	PASS
n1	30	20	394000	51@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-70.63	-36	PASS
n1	30	20	394000	51@0	CP_QPSK	1000 MHz-1935.00 MHz	1 MHz	1934.07	-45.14	-30	PASS
n1	30	20	394000	51@0	CP_QPSK	2005.00 MHz-3000 MHz	1 MHz	2005.83	-53.59	-30	PASS
n1	30	20	394000	51@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12221.06	-55.50	-30	PASS
n1	30	20	394000	51@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2156.80	-59.52	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1873.70	-61.12	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	869 MHz-894 MHz	1 MHz	874.38	-61.85	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2642.47	-59.20	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	925 MHz-960 MHz	1 MHz	932.81	-61.89	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1478.42	-61.63	-50	PASS

n1	30	20	394000	51@0	CP_QPSK	860 MHz-875 MHz	1 MHz	872.62	-61.84	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	875 MHz-890 MHz	1 MHz	876.55	-61.80	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	791 MHz-821 MHz	1 MHz	804.65	-61.92	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1507.08	-61.59	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.44	-58.88	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	859 MHz-894 MHz	1 MHz	870.34	-61.87	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	852 MHz-869 MHz	1 MHz	852.19	-61.94	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	758 MHz-803 MHz	1 MHz	782.89	-61.97	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.98	-62.45	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1493.54	-61.50	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2013.41	-60.39	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.20	-59.49	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2378.80	-59.63	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2648.48	-59.19	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.40	-58.75	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3639.80	-60.67	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1452.14	-61.70	-50	PASS

						MHz					
n1	30	20	394000	51@0	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5481.70	-60.21	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1481.73	-61.59	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.00	-61.80	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2168.50	-59.51	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.38	-62.17	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	753 MHz-783 MHz	1 MHz	780.24	-62.05	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.55	-59.42	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	461 MHz-466 MHz	1 MHz	465.21	-62.44	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	460 MHz-465 MHz	1 MHz	463.04	-62.47	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1500.93	-61.56	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1499.66	-61.61	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.69	-61.85	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-58.82	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.00	-58.77	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4998.80	-60.00	-50	PASS
n1	30	20	394000	51@0	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1888.74	-61.00	-40	PASS

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n1	30	20	394000	51@0	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1910.26	-51.79	-15.5	PASS	
n1	30	20	394000	51@0	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1915.01	-53.29	1.6	PASS	
n1	30	20	394000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.11	-36	PASS	
n1	30	20	394000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.18	-67.05	-36	PASS	
n1	30	20	394000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-69.62	-36	PASS	
n1	30	20	394000	1@0	CP_QPSK	1000 MHz-1935.00 MHz	1 MHz	1701.25	-60.50	-30	PASS	
n1	30	20	394000	1@0	CP_QPSK	2005.00 MHz-3000 MHz	1 MHz	2167.52	-61.19	-30	PASS	
n1	30	20	394000	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12224.31	-55.47	-30	PASS	
n1	30	20	394000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2163.52	-58.45	-50	PASS	
n1	30	20	394000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1870.93	-61.07	-50	PASS	
n1	30	20	394000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	879.13	-61.92	-50	PASS	
n1	30	20	394000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2640.72	-59.21	-50	PASS	
n1	30	20	394000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	929.06	-61.88	-50	PASS	
n1	30	20	394000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1494.52	-61.60	-50	PASS	
n1	30	20	394000	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	872.15	-61.81	-50	PASS	
n1	30	20	394000	1@0	CP_QPSK	875 MHz-890 MHz	1 MHz	879.83	-61.96	-50	PASS	
n1	30	20	394000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	806.75	-61.96	-50	PASS	

n1	30	20	394000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1509.09	-61.50	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3584.56	-58.83	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	870.45	-61.85	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	861.42	-61.97	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	791.89	-62.02	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.82	-62.40	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1474.48	-61.59	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2012.99	-60.49	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.80	-59.49	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2378.40	-59.64	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2641.69	-59.21	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3596.60	-58.65	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3677.40	-60.70	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1466.40	-61.64	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5549.90	-60.17	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1511.22	-61.55	-50	PASS

						MHz					
n1	30	20	394000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.53	-61.82	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2154.10	-59.59	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	755.30	-62.28	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	778.80	-61.97	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2615.55	-59.45	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	465.58	-62.45	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	460.12	-62.42	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1490.65	-61.61	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1480.11	-61.61	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.56	-61.87	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-58.89	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3598.00	-58.71	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4979.60	-59.94	-50	PASS
n1	30	20	394000	1@0	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1889.25	-61.02	-40	PASS
n1	30	20	394000	1@0	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1909.08	-54.22	-15.5	PASS
n1	30	20	394000	1@0	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1915.04	-54.33	1.6	PASS

						MHz					
n1	30	20	394000	1@50	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-61.68	-36	PASS
n1	30	20	394000	1@50	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-64.88	-36	PASS
n1	30	20	394000	1@50	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-70.20	-36	PASS
n1	30	20	394000	1@50	CP_QPSK	1000 MHz-1935.00 MHz	1 MHz	1719.02	-60.61	-30	PASS
n1	30	20	394000	1@50	CP_QPSK	2005.00 MHz-3000 MHz	1 MHz	2157.57	-61.11	-30	PASS
n1	30	20	394000	1@50	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12224.31	-55.43	-30	PASS
n1	30	20	394000	1@50	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2156.38	-59.48	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1872.35	-61.03	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	869 MHz-894 MHz	1 MHz	875.43	-61.80	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2645.34	-59.22	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	925 MHz-960 MHz	1 MHz	929.41	-61.88	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1476.68	-61.58	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	860 MHz-875 MHz	1 MHz	874.85	-61.69	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	875 MHz-890 MHz	1 MHz	875.12	-61.53	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	791 MHz-821 MHz	1 MHz	805.73	-61.94	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1509.58	-61.49	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3581.28	-58.88	-50	PASS

n1	30	20	394000	1@50	CP_QPSK	859 MHz-894 MHz	1 MHz	874.23	-61.73	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	852 MHz-869 MHz	1 MHz	853.33	-61.97	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	758 MHz-803 MHz	1 MHz	780.37	-61.93	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.69	-62.44	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1489.36	-61.54	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2023.91	-60.52	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.80	-59.49	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2396.40	-59.61	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2645.38	-59.23	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.40	-58.64	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3631.20	-60.71	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1463.32	-61.66	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	5150 MHz-5925 MHz	1 MHz	5539.05	-60.21	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1495.16	-61.60	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.21	-61.89	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2167.15	-59.54	-50	PASS

						MHz					
n1	30	20	394000	1@50	CP_QPSK	738 MHz-758 MHz	1 MHz	757.36	-62.27	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	753 MHz-783 MHz	1 MHz	776.58	-62.02	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.10	-59.47	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	461 MHz-466 MHz	1 MHz	465.34	-62.44	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	460 MHz-465 MHz	1 MHz	462.36	-62.47	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1505.62	-61.53	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1507.23	-61.56	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.26	-61.86	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.00	-58.70	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3596.00	-58.73	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4985.00	-60.02	-50	PASS
n1	30	20	394000	1@50	CP_QPSK	1880 MHz-1890 MHz	1 MHz	1883.64	-60.97	-40	PASS
n1	30	20	394000	1@50	CP_QPSK	1895 MHz-1915 MHz	5 MHz	1908.50	-54.08	-15.5	PASS
n1	30	20	394000	1@50	CP_QPSK	1915 MHz-1920 MHz	5 MHz	1919.46	-54.31	1.6	PASS
n20	30	10	167400	24@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-43.44	-36	PASS
n20	30	10	167400	24@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-47.17	-36	PASS
n20	30	10	167400	24@0	CP_QPSK	30	100	259.96	-53.46	-36	PASS

						MHz-817.00 MHz	kHz				
n20	30	10	167400	24@0	CP_QPSK	857.00 MHz-1000 MHz	100 kHz	929.07	-55.72	-30	PASS
n20	30	10	167400	24@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1466.00	-45.52	-30	PASS
n20	30	10	167400	24@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12223.85	-58.16	-30	PASS
n20	30	10	167400	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2136.34	-62.21	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1876.18	-62.91	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2638.06	-61.06	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	925 MHz-960 MHz	1 MHz	927.07	-63.77	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	791 MHz-821 MHz	1 MHz	795.23	-63.83	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.16	-60.71	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.41	-64.28	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1468.85	-63.48	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1918.52	-62.74	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2013.62	-62.38	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.65	-61.32	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2381.80	-61.49	-50	PASS

						MHz					
n20	30	10	167400	24@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.20	-60.52	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3631.00	-62.60	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1493.63	-63.44	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.50	-63.68	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2139.97	-62.19	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	738 MHz-758 MHz	1 MHz	754.42	-64.13	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	753 MHz-783 MHz	1 MHz	779.10	-63.86	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.15	-61.32	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	461 MHz-466 MHz	1 MHz	461.36	-64.31	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1494.44	-63.45	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1500.34	-63.44	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.34	-63.72	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.90	-60.52	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3596.50	-60.55	-50	PASS
n20	30	10	167400	24@0	CP_QPSK	758 MHz-788 MHz	1 MHz	787.85	-63.87	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.01	-36	PASS

n20	30	10	167400	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-47.21	-36	PASS
n20	30	10	167400	1@0	CP_QPSK	30 MHz-817.00 MHz	100 kHz	259.96	-52.96	-36	PASS
n20	30	10	167400	1@0	CP_QPSK	857.00 MHz-1000 MHz	100 kHz	910.20	-55.74	-30	PASS
n20	30	10	167400	1@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1497.50	-45.49	-30	PASS
n20	30	10	167400	1@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12229.90	-58.24	-30	PASS
n20	30	10	167400	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2130.40	-62.17	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1878.28	-62.96	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2646.11	-61.02	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	934.31	-63.77	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	809.42	-63.83	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.80	-60.71	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.87	-64.31	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1493.01	-63.43	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1916.70	-62.74	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2013.24	-62.38	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.80	-61.27	-50	PASS

						MHz					
n20	30	10	167400	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2388.90	-61.49	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3595.60	-60.55	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3634.60	-62.58	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1513.52	-63.43	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.28	-63.72	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2125.30	-62.19	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	754.78	-64.15	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	779.97	-63.88	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.35	-61.28	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	462.70	-64.33	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1491.60	-63.43	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1511.05	-63.44	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.83	-63.71	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.00	-60.58	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.00	-60.55	-50	PASS
n20	30	10	167400	1@0	CP_QPSK	758 MHz-788	1	786.47	-63.86	-50	PASS

						MHz	MHz				
n20	30	10	167400	1@23	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-43.07	-36	PASS
n20	30	10	167400	1@23	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-48.44	-36	PASS
n20	30	10	167400	1@23	CP_QPSK	30 MHz-817.00 MHz	100 kHz	259.96	-52.79	-36	PASS
n20	30	10	167400	1@23	CP_QPSK	857.00 MHz-1000 MHz	100 kHz	933.79	-55.70	-30	PASS
n20	30	10	167400	1@23	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1476.00	-45.45	-30	PASS
n20	30	10	167400	1@23	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12230.77	-58.20	-30	PASS
n20	30	10	167400	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2130.16	-62.21	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1877.53	-62.89	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2647.37	-61.06	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	925 MHz-960 MHz	1 MHz	928.78	-63.79	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	791 MHz-821 MHz	1 MHz	797.66	-63.81	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.68	-60.65	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.00	-64.33	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1484.74	-63.39	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1912.98	-62.73	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2013.98	-62.38	-50	PASS

						MHz					
n20	30	10	167400	1@23	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.15	-61.32	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2386.70	-61.48	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.00	-60.46	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3642.40	-62.57	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1502.47	-63.44	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.66	-63.70	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2147.08	-62.21	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	738 MHz-758 MHz	1 MHz	756.98	-64.11	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	753 MHz-783 MHz	1 MHz	776.55	-63.87	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2616.10	-61.33	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	461 MHz-466 MHz	1 MHz	461.85	-64.32	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1501.49	-63.42	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1506.80	-63.44	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.98	-63.67	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3599.70	-60.55	-50	PASS
n20	30	10	167400	1@23	CP_QPSK	3300	1	3597.50	-60.53	-50	PASS

						MHz-3800 MHz	MHz				
n20	30	10	167400	1@23	CP_QPSK	758 MHz-788 MHz	1 MHz	781.76	-63.84	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-43.21	-36	PASS
n20	30	10	169400	24@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-45.77	-36	PASS
n20	30	10	169400	24@0	CP_QPSK	30 MHz-827.00 MHz	100 kHz	260.01	-52.90	-36	PASS
n20	30	10	169400	24@0	CP_QPSK	867.00 MHz-1000 MHz	100 kHz	913.95	-55.71	-30	PASS
n20	30	10	169400	24@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1484.00	-45.47	-30	PASS
n20	30	10	169400	24@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12251.54	-58.19	-30	PASS
n20	30	10	169400	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2133.76	-62.18	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1875.95	-62.93	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2646.88	-61.04	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	925 MHz-960 MHz	1 MHz	925.95	-63.72	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	791 MHz-821 MHz	1 MHz	807.14	-63.79	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3587.60	-60.66	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.39	-64.31	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1493.62	-63.44	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1917.54	-62.73	-50	PASS

						MHz					
n20	30	10	169400	24@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2017.55	-62.37	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.00	-61.27	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2375.60	-61.50	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.40	-60.50	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3635.40	-62.60	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1495.24	-63.43	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.82	-63.70	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2146.45	-62.20	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.82	-64.09	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	753 MHz-783 MHz	1 MHz	779.91	-63.85	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.25	-61.32	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	461 MHz-466 MHz	1 MHz	465.15	-64.28	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1478.70	-63.39	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1513.26	-63.42	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.21	-63.68	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	3300	1	3598.80	-60.56	-50	PASS

						MHz-4200 MHz	MHz				
n20	30	10	169400	24@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3595.00	-60.58	-50	PASS
n20	30	10	169400	24@0	CP_QPSK	758 MHz-788 MHz	1 MHz	784.22	-63.82	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-41.64	-36	PASS
n20	30	10	169400	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-46.63	-36	PASS
n20	30	10	169400	1@0	CP_QPSK	30 MHz-827.00 MHz	100 kHz	260.01	-53.01	-36	PASS
n20	30	10	169400	1@0	CP_QPSK	867.00 MHz-1000 MHz	100 kHz	929.64	-55.67	-30	PASS
n20	30	10	169400	1@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1494.50	-45.49	-30	PASS
n20	30	10	169400	1@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12216.92	-58.18	-30	PASS
n20	30	10	169400	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2125.06	-62.19	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1871.68	-62.93	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2649.89	-61.01	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	929.83	-63.77	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	798.05	-63.79	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.40	-60.67	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.90	-64.29	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1488.04	-63.40	-50	PASS

						MHz					
n20	30	10	169400	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1918.26	-62.71	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2013.45	-62.37	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.35	-61.30	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2372.60	-61.49	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.60	-60.47	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3643.60	-62.57	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1501.53	-63.42	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.10	-63.69	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2145.64	-62.18	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.72	-64.08	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	780.12	-63.81	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.20	-61.33	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	462.28	-64.28	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1502.52	-63.39	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1512.16	-63.41	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	1427	1	1429.28	-63.66	-50	PASS

						MHz-1432 MHz	MHz				
n20	30	10	169400	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-60.48	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.50	-60.51	-50	PASS
n20	30	10	169400	1@0	CP_QPSK	758 MHz-788 MHz	1 MHz	784.55	-63.87	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.25	-36	PASS
n20	30	10	169400	1@23	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-46.08	-36	PASS
n20	30	10	169400	1@23	CP_QPSK	30 MHz-827.00 MHz	100 kHz	260.01	-52.58	-36	PASS
n20	30	10	169400	1@23	CP_QPSK	867.00 MHz-1000 MHz	100 kHz	913.28	-55.69	-30	PASS
n20	30	10	169400	1@23	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1499.50	-45.49	-30	PASS
n20	30	10	169400	1@23	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12255.00	-58.21	-30	PASS
n20	30	10	169400	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2130.64	-62.17	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1875.13	-62.94	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2648.84	-61.05	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	925 MHz-960 MHz	1 MHz	930.57	-63.74	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	791 MHz-821 MHz	1 MHz	804.65	-63.79	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3585.52	-60.72	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.05	-64.30	-50	PASS

						MHz					
n20	30	10	169400	1@23	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1491.60	-63.44	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1911.78	-62.71	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2016.65	-62.39	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.95	-61.32	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2393.00	-61.49	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.00	-60.47	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3626.60	-62.56	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1509.35	-63.44	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.64	-63.71	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2132.95	-62.17	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	738 MHz-758 MHz	1 MHz	754.22	-64.13	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	753 MHz-783 MHz	1 MHz	780.27	-63.86	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2616.45	-61.33	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	461 MHz-466 MHz	1 MHz	461.91	-64.30	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1504.11	-63.39	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	1432	1	1492.95	-63.43	-50	PASS

						MHz-1517 MHz	MHz				
n20	30	10	169400	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.89	-63.71	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3599.70	-60.55	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3596.50	-60.53	-50	PASS
n20	30	10	169400	1@23	CP_QPSK	758 MHz-788 MHz	1 MHz	783.62	-63.84	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-41.46	-36	PASS
n20	30	10	171400	24@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-49.07	-36	PASS
n20	30	10	171400	24@0	CP_QPSK	30 MHz-837.00 MHz	100 kHz	260.00	-51.97	-36	PASS
n20	30	10	171400	24@0	CP_QPSK	877.00 MHz-1000 MHz	100 kHz	923.74	-55.68	-30	PASS
n20	30	10	171400	24@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1499.00	-45.45	-30	PASS
n20	30	10	171400	24@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12302.60	-58.22	-30	PASS
n20	30	10	171400	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2134.12	-62.18	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1879.63	-62.89	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2644.43	-61.02	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	925 MHz-960 MHz	1 MHz	937.08	-63.74	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	791 MHz-821 MHz	1 MHz	808.91	-63.80	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3586.88	-60.70	-50	PASS

						MHz					
n20	30	10	171400	24@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.54	-64.27	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1482.67	-63.43	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1908.20	-62.69	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2012.00	-62.38	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.30	-61.28	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2372.90	-61.49	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.40	-60.49	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3634.60	-62.58	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1494.48	-63.44	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.45	-63.67	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2127.73	-62.21	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	738 MHz-758 MHz	1 MHz	753.10	-64.12	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	753 MHz-783 MHz	1 MHz	780.21	-63.85	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2616.20	-61.31	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.55	-64.27	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	1475	1	1475.73	-63.38	-50	PASS

						MHz-1518 MHz	MHz				
n20	30	10	171400	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1501.53	-63.42	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.42	-63.69	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3596.10	-60.58	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.50	-60.55	-50	PASS
n20	30	10	171400	24@0	CP_QPSK	758 MHz-788 MHz	1 MHz	785.06	-63.82	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.88	-36	PASS
n20	30	10	171400	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-47.02	-36	PASS
n20	30	10	171400	1@0	CP_QPSK	30 MHz-837.00 MHz	100 kHz	260.00	-51.58	-36	PASS
n20	30	10	171400	1@0	CP_QPSK	877.00 MHz-1000 MHz	100 kHz	930.51	-55.69	-30	PASS
n20	30	10	171400	1@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1500.00	-45.46	-30	PASS
n20	30	10	171400	1@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12220.38	-58.20	-30	PASS
n20	30	10	171400	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2130.40	-62.18	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1880.00	-62.87	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2641.63	-61.04	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	926.89	-63.77	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	791 MHz-821	1	812.93	-63.77	-50	PASS

n20	30	10	171400	1@0	CP_QPSK	MHz 3510	MHz 1	3589.52	-60.63	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	MHz-3590 MHz	MHz 1	463.16	-64.29	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	462.5 MHz-467.5 MHz	MHz 1	1485.40	-63.42	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	1452 MHz-1496 MHz	MHz 1	1919.68	-62.69	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	1900 MHz-1920 MHz	MHz 1	2011.29	-62.39	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	2010 MHz-2025 MHz	MHz 1	2615.90	-61.32	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	2570 MHz-2620 MHz	MHz 1	2380.40	-61.44	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	2300 MHz-2400 MHz	MHz 1	3598.60	-60.48	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	3400 MHz-3600 MHz	MHz 1	3651.20	-62.56	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	3600 MHz-3800 MHz	MHz 1	1503.57	-63.41	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	1432 MHz-1517 MHz	MHz 1	1431.95	-63.67	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	1427 MHz-1432 MHz	MHz 1	2119.36	-62.19	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	2110 MHz-2200 MHz	MHz 1	757.40	-64.08	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	738 MHz-758 MHz	MHz 1	778.05	-63.85	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	753 MHz-783 MHz	MHz 1	2619.45	-61.28	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	2570 MHz-2620 MHz	MHz 1				

n20	30	10	171400	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	462.31	-64.30	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1517.01	-63.40	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1503.91	-63.42	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.79	-63.69	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-60.60	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.00	-60.57	-50	PASS
n20	30	10	171400	1@0	CP_QPSK	758 MHz-788 MHz	1 MHz	784.55	-63.81	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.66	-36	PASS
n20	30	10	171400	1@23	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-47.66	-36	PASS
n20	30	10	171400	1@23	CP_QPSK	30 MHz-837.00 MHz	100 kHz	260.00	-52.00	-36	PASS
n20	30	10	171400	1@23	CP_QPSK	877.00 MHz-1000 MHz	100 kHz	883.77	-55.73	-30	PASS
n20	30	10	171400	1@23	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1492.00	-45.48	-30	PASS
n20	30	10	171400	1@23	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12228.17	-58.14	-30	PASS
n20	30	10	171400	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2125.54	-62.19	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1876.63	-62.94	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2644.50	-61.02	-50	PASS

n20	30	10	171400	1@23	CP_QPSK	925 MHz-960 MHz	1 MHz	928.82	-63.75	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	791 MHz-821 MHz	1 MHz	807.26	-63.80	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3587.36	-60.66	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	467.43	-64.30	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1491.56	-63.40	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1906.12	-62.73	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2011.70	-62.37	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.70	-61.30	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2373.50	-61.47	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.20	-60.49	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3622.80	-62.55	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1512.92	-63.43	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.79	-63.69	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2137.54	-62.17	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	738 MHz-758 MHz	1 MHz	757.72	-64.08	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	753 MHz-783 MHz	1 MHz	780.75	-63.86	-50	PASS

n20	30	10	171400	1@23	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.90	-61.29	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	461 MHz-466 MHz	1 MHz	465.21	-64.29	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1503.42	-63.41	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1499.58	-63.44	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.48	-63.70	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3599.70	-60.50	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3598.50	-60.56	-50	PASS
n20	30	10	171400	1@23	CP_QPSK	758 MHz-788 MHz	1 MHz	787.76	-63.83	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.73	-36	PASS
n20	30	15	167900	38@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-47.16	-36	PASS
n20	30	15	167900	38@0	CP_QPSK	30 MHz-812.00 MHz	100 kHz	259.99	-50.70	-36	PASS
n20	30	15	167900	38@0	CP_QPSK	867.00 MHz-1000 MHz	100 kHz	918.47	-55.74	-30	PASS
n20	30	15	167900	38@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1480.50	-45.51	-30	PASS
n20	30	15	167900	38@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12262.79	-58.24	-30	PASS
n20	30	15	167900	38@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2126.20	-62.22	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1878.05	-62.95	-50	PASS

n20	30	15	167900	38@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2649.68	-61.02	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	925 MHz-960 MHz	1 MHz	938.27	-63.78	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	791 MHz-821 MHz	1 MHz	797.39	-63.82	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.92	-60.69	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.35	-64.33	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1482.67	-63.46	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1916.82	-62.74	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2018.03	-62.40	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.55	-61.33	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2375.00	-61.49	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.00	-60.47	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3635.80	-62.60	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1507.23	-63.45	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.32	-63.72	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2134.57	-62.24	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	738 MHz-758	1	757.76	-64.12	-50	PASS

						MHz	MHz				
n20	30	15	167900	38@0	CP_QPSK	753 MHz-783 MHz	1 MHz	782.07	-63.87	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2616.70	-61.30	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.11	-64.29	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1501.27	-63.45	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1494.99	-63.42	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.89	-63.72	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-60.58	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3597.50	-60.60	-50	PASS
n20	30	15	167900	38@0	CP_QPSK	758 MHz-788 MHz	1 MHz	780.50	-63.85	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.96	-36	PASS
n20	30	15	167900	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-47.10	-36	PASS
n20	30	15	167900	1@0	CP_QPSK	30 MHz-812.00 MHz	100 kHz	259.99	-52.01	-36	PASS
n20	30	15	167900	1@0	CP_QPSK	867.00 MHz-1000 MHz	100 kHz	916.08	-55.75	-30	PASS
n20	30	15	167900	1@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1497.50	-45.50	-30	PASS
n20	30	15	167900	1@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12253.27	-58.22	-30	PASS
n20	30	15	167900	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2126.86	-62.23	-50	PASS

n20	30	15	167900	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1879.03	-62.96	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2658.22	-61.08	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	930.71	-63.78	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	800.69	-63.84	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.76	-60.73	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.14	-64.30	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1492.04	-63.46	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1917.80	-62.74	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2010.95	-62.38	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.55	-61.36	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2381.30	-61.51	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.80	-60.51	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3627.00	-62.59	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1511.99	-63.44	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.28	-63.72	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	2110	1	2132.14	-62.20	-50	PASS

						MHz-2200 MHz	MHz				
n20	30	15	167900	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	756.62	-64.15	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	781.44	-63.87	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2616.05	-61.39	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	465.55	-64.30	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1485.58	-63.46	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1492.01	-63.45	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.96	-63.72	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3595.20	-60.59	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3596.50	-60.61	-50	PASS
n20	30	15	167900	1@0	CP_QPSK	758 MHz-788 MHz	1 MHz	786.41	-63.88	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.79	-36	PASS
n20	30	15	167900	1@37	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-47.96	-36	PASS
n20	30	15	167900	1@37	CP_QPSK	30 MHz-812.00 MHz	100 kHz	259.99	-51.84	-36	PASS
n20	30	15	167900	1@37	CP_QPSK	867.00 MHz-1000 MHz	100 kHz	874.98	-55.76	-30	PASS
n20	30	15	167900	1@37	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1487.50	-45.54	-30	PASS
n20	30	15	167900	1@37	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12246.35	-58.18	-30	PASS

n20	30	15	167900	1@37	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2126.02	-62.17	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1873.33	-62.98	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2649.05	-61.08	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	925 MHz-960 MHz	1 MHz	929.13	-63.76	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	791 MHz-821 MHz	1 MHz	802.64	-63.82	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.68	-60.68	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.73	-64.34	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1482.10	-63.49	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1907.36	-62.75	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2019.69	-62.40	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.35	-61.32	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2386.80	-61.51	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3597.80	-60.55	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3648.20	-62.61	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1490.40	-63.46	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	1427	1	1429.67	-63.70	-50	PASS

						MHz-1432 MHz	MHz				
n20	30	15	167900	1@37	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2140.06	-62.18	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	738 MHz-758 MHz	1 MHz	757.78	-64.11	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	753 MHz-783 MHz	1 MHz	776.97	-63.89	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.00	-61.31	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	461 MHz-466 MHz	1 MHz	465.50	-64.33	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1496.24	-63.44	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1493.20	-63.44	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.55	-63.73	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3596.10	-60.59	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3598.00	-60.57	-50	PASS
n20	30	15	167900	1@37	CP_QPSK	758 MHz-788 MHz	1 MHz	786.71	-63.88	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.58	-36	PASS
n20	30	15	169400	38@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-47.16	-36	PASS
n20	30	15	169400	38@0	CP_QPSK	30 MHz-819.50 MHz	100 kHz	259.98	-51.74	-36	PASS
n20	30	15	169400	38@0	CP_QPSK	874.50 MHz-1000 MHz	100 kHz	919.68	-55.76	-30	PASS
n20	30	15	169400	38@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1495.50	-45.51	-30	PASS

n20	30	15	169400	38@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12215.19	-58.24	-30	PASS
n20	30	15	169400	38@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2123.32	-62.24	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1877.30	-62.97	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2644.22	-61.07	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	925 MHz-960 MHz	1 MHz	927.70	-63.81	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	791 MHz-821 MHz	1 MHz	795.32	-63.82	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.84	-60.75	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	466.17	-64.33	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1487.16	-63.49	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1909.02	-62.71	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2017.59	-62.40	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.50	-61.32	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2374.40	-61.50	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.60	-60.52	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3638.60	-62.59	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	1432	1	1502.30	-63.39	-50	PASS

						MHz-1517 MHz	MHz				
n20	30	15	169400	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.48	-63.73	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2128.63	-62.23	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	738 MHz-758 MHz	1 MHz	752.76	-64.14	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	753 MHz-783 MHz	1 MHz	782.25	-63.85	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.35	-61.34	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	461 MHz-466 MHz	1 MHz	462.30	-64.34	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1486.01	-63.44	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1500.94	-63.46	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.13	-63.73	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-60.58	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.50	-60.59	-50	PASS
n20	30	15	169400	38@0	CP_QPSK	758 MHz-788 MHz	1 MHz	779.99	-63.84	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.38	-36	PASS
n20	30	15	169400	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.18	-49.07	-36	PASS
n20	30	15	169400	1@0	CP_QPSK	30 MHz-819.50 MHz	100 kHz	259.98	-52.71	-36	PASS
n20	30	15	169400	1@0	CP_QPSK	874.50 MHz-1000 MHz	100 kHz	922.82	-55.60	-30	PASS

n20	30	15	169400	1@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1491.00	-45.49	-30	PASS
n20	30	15	169400	1@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12248.94	-58.18	-30	PASS
n20	30	15	169400	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2129.50	-62.25	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1873.70	-62.96	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2640.51	-61.08	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	926.26	-63.81	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	801.59	-63.81	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3587.52	-60.70	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	466.63	-64.34	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1492.35	-63.45	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1917.88	-62.77	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2023.41	-62.39	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.80	-61.33	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2396.20	-61.51	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.80	-60.53	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	3600	1	3642.60	-62.57	-50	PASS

						MHz-3800 MHz	MHz				
n20	30	15	169400	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1505.78	-63.43	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.52	-63.74	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2125.57	-62.21	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	754.90	-64.10	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	779.91	-63.89	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.75	-61.33	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	461.74	-64.34	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1493.32	-63.46	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1515.13	-63.47	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.39	-63.71	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.90	-60.56	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3598.50	-60.60	-50	PASS
n20	30	15	169400	1@0	CP_QPSK	758 MHz-788 MHz	1 MHz	787.94	-63.85	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.11	-36	PASS
n20	30	15	169400	1@37	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-47.10	-36	PASS
n20	30	15	169400	1@37	CP_QPSK	30 MHz-819.50 MHz	100 kHz	259.98	-53.21	-36	PASS

n20	30	15	169400	1@37	CP_QPSK	874.50 MHz-1000 MHz	100 kHz	931.35	-55.62	-30	PASS
n20	30	15	169400	1@37	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1489.50	-45.51	-30	PASS
n20	30	15	169400	1@37	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12253.27	-58.25	-30	PASS
n20	30	15	169400	1@37	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2142.82	-62.21	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1874.98	-62.96	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2655.98	-61.09	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	925 MHz-960 MHz	1 MHz	930.46	-63.74	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	791 MHz-821 MHz	1 MHz	801.59	-63.84	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.72	-60.74	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.54	-64.35	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1494.24	-63.47	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1917.10	-62.77	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2020.64	-62.40	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.60	-61.36	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2375.40	-61.51	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	3400	1	3599.80	-60.51	-50	PASS

						MHz-3600 MHz	MHz				
n20	30	15	169400	1@37	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3634.60	-62.61	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1495.41	-63.46	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.66	-63.74	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2134.75	-62.21	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	738 MHz-758 MHz	1 MHz	756.52	-64.14	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	753 MHz-783 MHz	1 MHz	780.96	-63.89	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.15	-61.31	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	461 MHz-466 MHz	1 MHz	463.55	-64.31	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1500.37	-63.43	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1514.11	-63.46	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.55	-63.71	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3599.70	-60.58	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.00	-60.60	-50	PASS
n20	30	15	169400	1@37	CP_QPSK	758 MHz-788 MHz	1 MHz	779.51	-63.86	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.55	-36	PASS
n20	30	15	170900	38@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-46.51	-36	PASS

n20	30	15	170900	38@0	CP_QPSK	30 MHz-827.00 MHz	100 kHz	260.01	-52.28	-36	PASS
n20	30	15	170900	38@0	CP_QPSK	882.00 MHz-1000 MHz	100 kHz	897.46	-55.66	-30	PASS
n20	30	15	170900	38@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1498.50	-45.46	-30	PASS
n20	30	15	170900	38@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12259.33	-58.19	-30	PASS
n20	30	15	170900	38@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2130.16	-62.20	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1877.98	-62.94	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2642.82	-61.08	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	925 MHz-960 MHz	1 MHz	925.56	-63.74	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	791 MHz-821 MHz	1 MHz	806.00	-63.79	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3587.60	-60.72	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.58	-64.31	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1490.41	-63.43	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1912.04	-62.70	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2015.40	-62.40	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.25	-61.30	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	2300	1	2381.60	-61.51	-50	PASS

						MHz-2400 MHz	MHz				
n20	30	15	170900	38@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.80	-60.53	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3633.60	-62.60	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1498.05	-63.42	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.29	-63.72	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2130.70	-62.23	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	738 MHz-758 MHz	1 MHz	755.88	-64.07	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	753 MHz-783 MHz	1 MHz	779.46	-63.89	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2615.80	-61.31	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.83	-64.31	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1488.12	-63.43	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1497.79	-63.41	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.32	-63.69	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3599.70	-60.52	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.00	-60.52	-50	PASS
n20	30	15	170900	38@0	CP_QPSK	758 MHz-788 MHz	1 MHz	781.16	-63.87	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	9 kHz-150	1	0.01	-41.18	-36	PASS

						kHz	kHz				
n20	30	15	170900	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-45.94	-36	PASS
n20	30	15	170900	1@0	CP_QPSK	30 MHz-827.00 MHz	100 kHz	260.01	-51.19	-36	PASS
n20	30	15	170900	1@0	CP_QPSK	882.00 MHz-1000 MHz	100 kHz	904.18	-55.66	-30	PASS
n20	30	15	170900	1@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1489.00	-45.46	-30	PASS
n20	30	15	170900	1@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12242.88	-58.18	-30	PASS
n20	30	15	170900	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2140.24	-62.16	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1876.03	-62.93	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2637.85	-61.07	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	933.68	-63.75	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	807.32	-63.82	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.52	-60.70	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.22	-64.34	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1491.47	-63.45	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1917.42	-62.74	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2011.50	-62.40	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	2570	1	2618.15	-61.34	-50	PASS

						MHz-2620 MHz	MHz				
n20	30	15	170900	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2376.40	-61.46	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.80	-60.53	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3634.80	-62.55	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1504.34	-63.45	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.37	-63.72	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2134.75	-62.22	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.44	-64.14	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	782.85	-63.79	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.35	-61.36	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	465.54	-64.31	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1493.23	-63.43	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1492.61	-63.45	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.04	-63.70	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.00	-60.63	-50	PASS
n20	30	15	170900	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.50	-60.52	-50	PASS

n20	30	15	170900	1@0	CP_QPSK	758 MHz-788 MHz	1 MHz	779.03	-63.85	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.52	-36	PASS
n20	30	15	170900	1@37	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-46.10	-36	PASS
n20	30	15	170900	1@37	CP_QPSK	30 MHz-827.00 MHz	100 kHz	260.01	-52.36	-36	PASS
n20	30	15	170900	1@37	CP_QPSK	882.00 MHz-1000 MHz	100 kHz	883.53	-55.62	-30	PASS
n20	30	15	170900	1@37	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1480.50	-45.50	-30	PASS
n20	30	15	170900	1@37	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12255.87	-58.21	-30	PASS
n20	30	15	170900	1@37	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2129.98	-62.18	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1879.40	-62.91	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2641.00	-61.00	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	925 MHz-960 MHz	1 MHz	926.16	-63.79	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	791 MHz-821 MHz	1 MHz	804.92	-63.82	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.12	-60.70	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	467.22	-64.29	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1492.52	-63.45	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1919.76	-62.74	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	2010	1	2011.80	-62.36	-50	PASS

						MHz-2025 MHz	MHz				
n20	30	15	170900	1@37	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.75	-61.31	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2384.30	-61.46	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.20	-60.49	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3650.40	-62.57	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1505.61	-63.43	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.16	-63.70	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2168.23	-62.22	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	738 MHz-758 MHz	1 MHz	755.72	-64.12	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	753 MHz-783 MHz	1 MHz	778.08	-63.88	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.95	-61.27	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	461 MHz-466 MHz	1 MHz	462.74	-64.31	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1502.82	-63.43	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1499.92	-63.44	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.73	-63.69	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3596.10	-60.58	-50	PASS

n20	30	15	170900	1@37	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.00	-60.60	-50	PASS
n20	30	15	170900	1@37	CP_QPSK	758 MHz-788 MHz	1 MHz	783.20	-63.85	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-41.65	-36	PASS
n20	30	20	168400	51@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-46.89	-36	PASS
n20	30	20	168400	51@0	CP_QPSK	30 MHz-807.00 MHz	100 kHz	259.99	-52.19	-36	PASS
n20	30	20	168400	51@0	CP_QPSK	877.00 MHz-1000 MHz	100 kHz	941.08	-55.62	-30	PASS
n20	30	20	168400	51@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1479.50	-45.51	-30	PASS
n20	30	20	168400	51@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12248.94	-58.22	-30	PASS
n20	30	20	168400	51@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2130.28	-62.23	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1874.45	-62.94	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2641.00	-61.09	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	925 MHz-960 MHz	1 MHz	931.16	-63.75	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	791 MHz-821 MHz	1 MHz	801.35	-63.82	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3590.00	-60.71	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.96	-64.32	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1473.78	-63.47	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	1900	1	1918.80	-62.74	-50	PASS

						MHz-1920 MHz	MHz				
n20	30	20	168400	51@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2013.24	-62.40	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.40	-61.34	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2377.20	-61.51	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.20	-60.53	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3644.20	-62.60	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1504.34	-63.45	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.97	-63.71	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2156.35	-62.23	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.96	-64.13	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	753 MHz-783 MHz	1 MHz	780.12	-63.87	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.30	-61.37	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.80	-64.33	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1503.04	-63.45	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1494.82	-63.44	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.73	-63.72	-50	PASS

n20	30	20	168400	51@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.90	-60.56	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.00	-60.58	-50	PASS
n20	30	20	168400	51@0	CP_QPSK	758 MHz-788 MHz	1 MHz	787.04	-63.85	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.27	-36	PASS
n20	30	20	168400	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-48.02	-36	PASS
n20	30	20	168400	1@0	CP_QPSK	30 MHz-807.00 MHz	100 kHz	259.99	-52.02	-36	PASS
n20	30	20	168400	1@0	CP_QPSK	877.00 MHz-1000 MHz	100 kHz	951.54	-55.72	-30	PASS
n20	30	20	168400	1@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1485.00	-45.51	-30	PASS
n20	30	20	168400	1@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12233.37	-58.17	-30	PASS
n20	30	20	168400	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2134.78	-62.23	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1875.58	-62.93	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2641.28	-61.06	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	925.77	-63.81	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	792.71	-63.83	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.20	-60.68	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.50	-64.34	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	1452	1	1489.53	-63.47	-50	PASS

						MHz-1496 MHz	MHz				
n20	30	20	168400	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1911.54	-62.74	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2016.99	-62.41	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.65	-61.38	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2395.00	-61.51	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.00	-60.52	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3647.40	-62.60	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1492.52	-63.47	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.31	-63.72	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2178.85	-62.19	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.70	-64.11	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	778.62	-63.89	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.50	-61.33	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.41	-64.32	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1516.24	-63.43	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1487.76	-63.45	-50	PASS

n20	30	20	168400	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.08	-63.72	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.90	-60.54	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.50	-60.53	-50	PASS
n20	30	20	168400	1@0	CP_QPSK	758 MHz-788 MHz	1 MHz	779.27	-63.86	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.68	-36	PASS
n20	30	20	168400	1@50	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-46.92	-36	PASS
n20	30	20	168400	1@50	CP_QPSK	30 MHz-807.00 MHz	100 kHz	259.99	-52.86	-36	PASS
n20	30	20	168400	1@50	CP_QPSK	877.00 MHz-1000 MHz	100 kHz	919.07	-55.69	-30	PASS
n20	30	20	168400	1@50	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1496.50	-45.47	-30	PASS
n20	30	20	168400	1@50	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12271.44	-58.16	-30	PASS
n20	30	20	168400	1@50	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2127.16	-62.20	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1867.33	-62.98	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2640.58	-61.06	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	925 MHz-960 MHz	1 MHz	927.03	-63.76	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	791 MHz-821 MHz	1 MHz	808.37	-63.81	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.56	-60.66	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	462.5	1	465.14	-64.32	-50	PASS

						MHz-467.5 MHz	MHz				
n20	30	20	168400	1@50	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1487.02	-63.45	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1911.28	-62.75	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2012.37	-62.38	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.50	-61.33	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2381.60	-61.50	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.80	-60.47	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3634.00	-62.59	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1502.55	-63.43	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.80	-63.73	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2140.24	-62.23	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	738 MHz-758 MHz	1 MHz	757.72	-64.12	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	753 MHz-783 MHz	1 MHz	781.53	-63.87	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.90	-61.33	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	461 MHz-466 MHz	1 MHz	461.92	-64.32	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1486.48	-63.38	-50	PASS

n20	30	20	168400	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1496.94	-63.46	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.76	-63.72	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-60.58	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.00	-60.56	-50	PASS
n20	30	20	168400	1@50	CP_QPSK	758 MHz-788 MHz	1 MHz	785.69	-63.84	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.61	-36	PASS
n20	30	20	169400	51@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-47.59	-36	PASS
n20	30	20	169400	51@0	CP_QPSK	30 MHz-812.00 MHz	100 kHz	259.99	-51.80	-36	PASS
n20	30	20	169400	51@0	CP_QPSK	882.00 MHz-1000 MHz	100 kHz	928.37	-55.74	-30	PASS
n20	30	20	169400	51@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1499.00	-45.49	-30	PASS
n20	30	20	169400	51@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12248.08	-58.23	-30	PASS
n20	30	20	169400	51@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2125.18	-62.22	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1879.10	-62.94	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2644.78	-61.08	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	925 MHz-960 MHz	1 MHz	933.93	-63.77	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	791 MHz-821 MHz	1 MHz	805.16	-63.79	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	3510	1	3585.84	-60.70	-50	PASS

						MHz-3590 MHz	MHz				
n20	30	20	169400	51@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.64	-64.33	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1495.91	-63.46	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1915.78	-62.72	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2012.10	-62.42	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.60	-61.32	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2376.50	-61.45	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.20	-60.50	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3643.00	-62.58	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1514.20	-63.37	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.72	-63.73	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2138.62	-62.23	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.48	-64.12	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	753 MHz-783 MHz	1 MHz	778.62	-63.87	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.90	-61.34	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	461 MHz-466 MHz	1 MHz	465.39	-64.31	-50	PASS

n20	30	20	169400	51@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1509.70	-63.44	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1505.95	-63.46	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.87	-63.68	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3599.70	-60.55	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3595.50	-60.57	-50	PASS
n20	30	20	169400	51@0	CP_QPSK	758 MHz-788 MHz	1 MHz	779.51	-63.87	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.32	-36	PASS
n20	30	20	169400	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-47.61	-36	PASS
n20	30	20	169400	1@0	CP_QPSK	30 MHz-812.00 MHz	100 kHz	259.99	-51.52	-36	PASS
n20	30	20	169400	1@0	CP_QPSK	882.00 MHz-1000 MHz	100 kHz	910.08	-55.68	-30	PASS
n20	30	20	169400	1@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1500.00	-45.52	-30	PASS
n20	30	20	169400	1@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12237.69	-58.24	-30	PASS
n20	30	20	169400	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2128.60	-62.21	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1876.33	-62.88	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2647.09	-61.06	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	927.66	-63.75	-50	PASS

n20	30	20	169400	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	804.17	-63.79	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.92	-60.68	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	467.15	-64.26	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1475.67	-63.45	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1918.64	-62.73	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2015.93	-62.40	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.85	-61.35	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2376.40	-61.51	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.80	-60.51	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3639.60	-62.58	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1490.57	-63.45	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.81	-63.73	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2139.34	-62.23	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.70	-64.13	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	780.81	-63.88	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.45	-61.28	-50	PASS

						MHz					
n20	30	20	169400	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.20	-64.32	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1497.88	-63.41	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1479.94	-63.45	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.58	-63.73	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.00	-60.61	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3598.50	-60.51	-50	PASS
n20	30	20	169400	1@0	CP_QPSK	758 MHz-788 MHz	1 MHz	785.96	-63.86	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.90	-36	PASS
n20	30	20	169400	1@50	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-47.69	-36	PASS
n20	30	20	169400	1@50	CP_QPSK	30 MHz-812.00 MHz	100 kHz	259.99	-53.09	-36	PASS
n20	30	20	169400	1@50	CP_QPSK	882.00 MHz-1000 MHz	100 kHz	897.69	-55.78	-30	PASS
n20	30	20	169400	1@50	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1499.50	-45.47	-30	PASS
n20	30	20	169400	1@50	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12257.60	-58.24	-30	PASS
n20	30	20	169400	1@50	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2125.12	-62.20	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1875.13	-62.96	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2648.91	-61.07	-50	PASS

						MHz					
n20	30	20	169400	1@50	CP_QPSK	925 MHz-960 MHz	1 MHz	926.02	-63.75	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	791 MHz-821 MHz	1 MHz	803.12	-63.84	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.64	-60.70	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.54	-64.32	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1489.22	-63.44	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1918.90	-62.72	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2015.75	-62.38	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.80	-61.32	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2380.50	-61.49	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3597.20	-60.57	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3637.60	-62.54	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1493.29	-63.44	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.48	-63.71	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2132.86	-62.20	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	738 MHz-758 MHz	1 MHz	752.00	-64.15	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	753 MHz-783 MHz	1 MHz	779.67	-63.87	-50	PASS

n20	30	20	169400	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.20	-61.32	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	461 MHz-466 MHz	1 MHz	463.66	-64.31	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1499.60	-63.44	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1491.76	-63.43	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.24	-63.73	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.90	-60.53	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.50	-60.59	-50	PASS
n20	30	20	169400	1@50	CP_QPSK	758 MHz-788 MHz	1 MHz	778.85	-63.86	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.66	-36	PASS
n20	30	20	170400	51@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-46.67	-36	PASS
n20	30	20	170400	51@0	CP_QPSK	30 MHz-817.00 MHz	100 kHz	260.04	-53.13	-36	PASS
n20	30	20	170400	51@0	CP_QPSK	887.00 MHz-1000 MHz	100 kHz	934.57	-55.74	-30	PASS
n20	30	20	170400	51@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1491.50	-45.50	-30	PASS
n20	30	20	170400	51@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12224.71	-58.15	-30	PASS
n20	30	20	170400	51@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2133.40	-62.20	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1872.73	-62.96	-50	PASS

						MHz					
n20	30	20	170400	51@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2641.14	-61.05	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	925 MHz-960 MHz	1 MHz	929.87	-63.76	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	791 MHz-821 MHz	1 MHz	803.21	-63.82	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.60	-60.69	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	466.93	-64.27	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1476.60	-63.46	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1909.82	-62.72	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2019.44	-62.39	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.70	-61.31	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2378.80	-61.47	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3597.20	-60.56	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3647.80	-62.55	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1497.45	-63.41	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.60	-63.73	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2124.40	-62.22	-50	PASS

n20	30	20	170400	51@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.42	-64.10	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	753 MHz-783 MHz	1 MHz	782.73	-63.82	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.65	-61.33	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	461 MHz-466 MHz	1 MHz	464.14	-64.28	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1502.09	-63.40	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1512.16	-63.40	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.13	-63.70	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3599.70	-60.57	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3596.00	-60.54	-50	PASS
n20	30	20	170400	51@0	CP_QPSK	758 MHz-788 MHz	1 MHz	782.99	-63.86	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.83	-36	PASS
n20	30	20	170400	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-45.71	-36	PASS
n20	30	20	170400	1@0	CP_QPSK	30 MHz-817.00 MHz	100 kHz	260.04	-52.96	-36	PASS
n20	30	20	170400	1@0	CP_QPSK	887.00 MHz-1000 MHz	100 kHz	913.10	-55.58	-30	PASS
n20	30	20	170400	1@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1481.50	-45.48	-30	PASS
n20	30	20	170400	1@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12241.15	-58.18	-30	PASS
n20	30	20	170400	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2130.16	-62.21	-50	PASS

n20	30	20	170400	1@0	CP_QPSK	MHz 1805	1	1876.10	-62.94	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	MHz-1880 MHz	MHz	2658.50	-61.05	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	2620	1	928.82	-63.75	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	MHz-2690 MHz	MHz	808.70	-63.80	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	925 MHz-960	1	3588.64	-60.67	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	MHz	MHz	467.38	-64.32	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	462.5	1	1494.90	-63.41	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	MHz-467.5 MHz	MHz	1918.60	-62.65	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	1452	1	2017.44	-62.35	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	MHz-1496 MHz	MHz	2619.85	-61.31	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	1900	1	2376.70	-61.46	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	MHz-1920 MHz	MHz	3599.60	-60.48	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	2010	1	3657.00	-62.57	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	MHz-2025 MHz	MHz	1501.11	-63.45	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	2570	1	1427.71	-63.72	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	MHz-2620 MHz	MHz				
n20	30	20	170400	1@0	CP_QPSK	2300	1				
n20	30	20	170400	1@0	CP_QPSK	MHz-2400 MHz	MHz				
n20	30	20	170400	1@0	CP_QPSK	3400	1				
n20	30	20	170400	1@0	CP_QPSK	MHz-3600 MHz	MHz				
n20	30	20	170400	1@0	CP_QPSK	3600	1				
n20	30	20	170400	1@0	CP_QPSK	MHz-3800 MHz	MHz				
n20	30	20	170400	1@0	CP_QPSK	1432	1				
n20	30	20	170400	1@0	CP_QPSK	MHz-1517 MHz	MHz				
n20	30	20	170400	1@0	CP_QPSK	1427	1				
n20	30	20	170400	1@0	CP_QPSK	MHz-1432 MHz	MHz				

n20	30	20	170400	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2122.96	-62.21	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	756.32	-64.13	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	781.74	-63.86	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.95	-61.32	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.68	-64.32	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1510.48	-63.41	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1505.61	-63.44	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.27	-63.72	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.90	-60.57	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3598.00	-60.55	-50	PASS
n20	30	20	170400	1@0	CP_QPSK	758 MHz-788 MHz	1 MHz	787.88	-63.83	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.81	-36	PASS
n20	30	20	170400	1@50	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-46.56	-36	PASS
n20	30	20	170400	1@50	CP_QPSK	30 MHz-817.00 MHz	100 kHz	259.96	-52.83	-36	PASS
n20	30	20	170400	1@50	CP_QPSK	887.00 MHz-1000 MHz	100 kHz	933.67	-55.71	-30	PASS
n20	30	20	170400	1@50	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1499.50	-45.48	-30	PASS
n20	30	20	170400	1@50	CP_QPSK	1500 MHz-12.75 MHz	1 MHz	12228.17	-58.20	-30	PASS

						GHz					
n20	30	20	170400	1@50	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2141.74	-62.20	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1876.03	-62.94	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2640.86	-61.02	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	925 MHz-960 MHz	1 MHz	935.33	-63.76	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	791 MHz-821 MHz	1 MHz	809.69	-63.78	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.84	-60.72	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.73	-64.32	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1489.27	-63.44	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1919.80	-62.72	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2016.53	-62.39	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.40	-61.28	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2375.70	-61.47	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.60	-60.50	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3633.20	-62.57	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1498.47	-63.41	-50	PASS

n20	30	20	170400	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.32	-63.72	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2155.72	-62.20	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	738 MHz-758 MHz	1 MHz	755.00	-64.13	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	753 MHz-783 MHz	1 MHz	777.30	-63.87	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.10	-61.29	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	461 MHz-466 MHz	1 MHz	461.05	-64.31	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1510.73	-63.39	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1502.38	-63.42	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.38	-63.70	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3599.70	-60.52	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.00	-60.56	-50	PASS
n20	30	20	170400	1@50	CP_QPSK	758 MHz-788 MHz	1 MHz	786.56	-63.86	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-62.07	-36	PASS
n28	30	15	142100	38@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-67.89	-36	PASS
n28	30	15	142100	38@0	CP_QPSK	30 MHz-683.00 MHz	100 kHz	259.99	-70.82	-36	PASS
n28	30	15	142100	38@0	CP_QPSK	738.00 MHz-1000 MHz	100 kHz	795.38	-75.80	-30	PASS
n28	30	15	142100	38@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1498.50	-65.70	-30	PASS

						MHz					
n28	30	15	142100	38@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12219.52	-68.61	-30	PASS
n28	30	15	142100	38@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2157.88	-72.32	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1988.26	-72.43	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1865.60	-72.42	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	2110 MHz-2155 MHz	1 MHz	0.00	-999.00	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	869 MHz-894 MHz	1 MHz	870.15	-73.83	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2641.07	-70.99	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	925 MHz-960 MHz	1 MHz	931.13	-73.79	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2161.78	-72.30	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1479.16	-73.48	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	860 MHz-875 MHz	1 MHz	861.34	-73.84	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	875 MHz-890 MHz	1 MHz	889.16	-73.79	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	791 MHz-821 MHz	1 MHz	810.11	-73.85	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1505.58	-73.44	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	1930 MHz-1995 MHz	1 MHz	1993.44	-72.38	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	859 MHz-894 MHz	1 MHz	892.78	-73.85	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	852 MHz-869 MHz	1 MHz	863.12	-73.83	-50	PASS

						MHz	MHz				
n28	30	15	142100	38@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	466.08	-74.30	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2017.47	-72.38	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.70	-71.39	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2379.70	-71.57	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2638.98	-70.95	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.60	-70.64	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3643.40	-72.61	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1514.79	-73.53	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	0.00	-999.00	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2199.10	-72.29	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2158.42	-72.18	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	461 MHz-466 MHz	1 MHz	461.15	-74.29	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	460 MHz-465 MHz	1 MHz	461.86	-74.32	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1503.64	-73.41	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1490.99	-73.46	-50	PASS

n28	30	15	142100	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	0.00	-999.00	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.00	-70.60	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.50	-70.61	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4982.60	-72.02	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	470 MHz-694 MHz	8 MHz	688.85	-65.94	-42	PASS
n28	30	15	142100	38@0	CP_QPSK	470 MHz-710 MHz	6 MHz	708.80	-66.99	-26.2	PASS
n28	30	15	142100	38@0	CP_QPSK	662 MHz-694 MHz	6 MHz	687.34	-67.03	-26.2	PASS
n28	30	15	142100	38@0	CP_QPSK	758 MHz-773 MHz	1 MHz	770.95	-73.99	-50	PASS
n28	30	15	142100	38@0	CP_QPSK	773 MHz-803 MHz	1 MHz	801.80	-73.83	-32	PASS
n28	30	15	142100	38@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1907.18	-77.78	-41	PASS
n28	30	15	142100	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-62.31	-36	PASS
n28	30	15	142100	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-68.47	-36	PASS
n28	30	15	142100	1@0	CP_QPSK	30 MHz-683.00 MHz	100 kHz	259.99	-72.30	-36	PASS
n28	30	15	142100	1@0	CP_QPSK	738.00 MHz-1000 MHz	100 kHz	870.05	-75.87	-30	PASS
n28	30	15	142100	1@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1489.50	-65.71	-30	PASS
n28	30	15	142100	1@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12234.23	-68.62	-30	PASS
n28	30	15	142100	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2158.48	-72.31	-50	PASS

n28	30	15	142100	1@0	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1989.34	-72.33	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1874.45	-72.52	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	2110 MHz-2155 MHz	1 MHz	0.00	-999.00	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	869.48	-73.84	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2654.79	-71.13	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	930.39	-73.81	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2158.66	-72.31	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1481.30	-73.44	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	862.78	-73.77	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	875 MHz-890 MHz	1 MHz	881.47	-73.88	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	794.00	-73.86	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1510.33	-73.42	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	1930 MHz-1995 MHz	1 MHz	1993.38	-72.46	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	890.15	-73.81	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	857.22	-73.87	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.43	-74.31	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2022.24	-72.46	-50	PASS

n28	30	15	142100	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2612.10	-71.39	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2386.00	-71.58	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2632.96	-71.11	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.60	-70.71	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3650.80	-72.59	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1499.24	-73.49	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	0.00	-999.00	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2160.40	-72.32	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2190.19	-72.34	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	465.31	-74.33	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	463.47	-74.32	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1500.80	-73.46	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1477.48	-73.54	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	0.00	-999.00	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3591.60	-70.77	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	3300	1	3596.50	-70.66	-50	PASS

						MHz-3800 MHz	MHz				
n28	30	15	142100	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4999.40	-71.89	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	470 MHz-694 MHz	8 MHz	691.54	-65.93	-42	PASS
n28	30	15	142100	1@0	CP_QPSK	470 MHz-710 MHz	6 MHz	710.00	-67.01	-26.2	PASS
n28	30	15	142100	1@0	CP_QPSK	662 MHz-694 MHz	6 MHz	688.05	-67.04	-26.2	PASS
n28	30	15	142100	1@0	CP_QPSK	758 MHz-773 MHz	1 MHz	772.24	-74.00	-50	PASS
n28	30	15	142100	1@0	CP_QPSK	773 MHz-803 MHz	1 MHz	788.39	-73.86	-32	PASS
n28	30	15	142100	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1887.21	-77.77	-41	PASS
n28	30	15	142100	1@37	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-62.47	-36	PASS
n28	30	15	142100	1@37	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-68.85	-36	PASS
n28	30	15	142100	1@37	CP_QPSK	30 MHz-683.00 MHz	100 kHz	259.99	-72.91	-36	PASS
n28	30	15	142100	1@37	CP_QPSK	738.00 MHz-1000 MHz	100 kHz	778.35	-75.91	-30	PASS
n28	30	15	142100	1@37	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1487.50	-65.72	-30	PASS
n28	30	15	142100	1@37	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12233.37	-68.55	-30	PASS
n28	30	15	142100	1@37	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2162.02	-72.27	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1988.80	-72.41	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1872.88	-72.40	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	2110	1	0.00	-999.00	-50	PASS

						MHz-2155 MHz	MHz				
n28	30	15	142100	1@37	CP_QPSK	869 MHz-894 MHz	1 MHz	891.68	-73.87	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2658.15	-71.14	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	925 MHz-960 MHz	1 MHz	931.65	-73.82	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2164.60	-72.31	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1484.06	-73.47	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	860 MHz-875 MHz	1 MHz	863.21	-73.86	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	875 MHz-890 MHz	1 MHz	885.22	-73.85	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	791 MHz-821 MHz	1 MHz	807.29	-73.82	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1509.93	-73.42	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	1930 MHz-1995 MHz	1 MHz	1989.93	-72.36	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	859 MHz-894 MHz	1 MHz	873.42	-73.88	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	852 MHz-869 MHz	1 MHz	863.31	-73.86	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.05	-74.30	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2021.66	-72.45	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2615.35	-71.43	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2373.10	-71.57	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	2496	1	2644.80	-71.18	-50	PASS

						MHz-2690 MHz	MHz				
n28	30	15	142100	1@37	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.20	-70.68	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3647.40	-72.64	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1502.30	-73.45	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	0.00	-999.00	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2193.61	-72.29	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2157.16	-72.31	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	461 MHz-466 MHz	1 MHz	465.47	-74.33	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	460 MHz-465 MHz	1 MHz	460.13	-74.35	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1491.94	-73.49	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1502.55	-73.50	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	0.00	-999.00	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-70.69	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.50	-70.63	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4977.80	-71.86	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	470 MHz-694 MHz	8 MHz	693.10	-65.92	-42	PASS

n28	30	15	142100	1@37	CP_QPSK	470 MHz-710 MHz	6 MHz	710.00	-66.97	-26.2	PASS
n28	30	15	142100	1@37	CP_QPSK	662 MHz-694 MHz	6 MHz	689.68	-67.02	-26.2	PASS
n28	30	15	142100	1@37	CP_QPSK	758 MHz-773 MHz	1 MHz	771.80	-73.95	-50	PASS
n28	30	15	142100	1@37	CP_QPSK	773 MHz-803 MHz	1 MHz	799.46	-73.86	-32	PASS
n28	30	15	142100	1@37	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1904.53	-77.77	-41	PASS
n28	30	20	142600	51@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-62.56	-36	PASS
n28	30	20	142600	51@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-68.12	-36	PASS
n28	30	20	142600	51@0	CP_QPSK	30 MHz-678.00 MHz	100 kHz	259.98	-71.53	-36	PASS
n28	30	20	142600	51@0	CP_QPSK	748.00 MHz-1000 MHz	100 kHz	949.35	-75.78	-30	PASS
n28	30	20	142600	51@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1496.00	-65.66	-30	PASS
n28	30	20	142600	51@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12217.79	-68.52	-30	PASS
n28	30	20	142600	51@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	0.00	-999.00	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1985.56	-72.48	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1868.38	-72.48	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	2110 MHz-2155 MHz	1 MHz	0.00	-999.00	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	869 MHz-894 MHz	1 MHz	878.08	-73.82	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2631.90	-71.12	-50	PASS

n28	30	20	142600	51@0	CP_QPSK	925 MHz-960 MHz	1 MHz	928.36	-73.80	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	0.00	-999.00	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1480.34	-73.52	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	860 MHz-875 MHz	1 MHz	870.91	-73.87	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	875 MHz-890 MHz	1 MHz	884.15	-73.83	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	791 MHz-821 MHz	1 MHz	793.01	-73.83	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1496.25	-73.41	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	1930 MHz-1995 MHz	1 MHz	1983.89	-72.39	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	859 MHz-894 MHz	1 MHz	877.48	-73.86	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	852 MHz-869 MHz	1 MHz	861.18	-73.88	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.01	-74.35	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2021.27	-72.38	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.10	-71.37	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2376.20	-71.51	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2638.78	-71.15	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3503.80	-71.37	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3628.60	-72.58	-50	PASS

						MHz					
n28	30	20	142600	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1516.24	-73.50	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	0.00	-999.00	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2194.42	-72.34	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2171.38	-72.33	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	461 MHz-466 MHz	1 MHz	464.99	-74.33	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	460 MHz-465 MHz	1 MHz	462.08	-74.32	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1501.83	-73.52	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1504.85	-73.47	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	0.00	-999.00	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3513.30	-71.37	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3400.00	-71.22	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4997.00	-72.00	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	470 MHz-694 MHz	8 MHz	691.76	-65.95	-42	PASS
n28	30	20	142600	51@0	CP_QPSK	470 MHz-710 MHz	6 MHz	706.88	-66.99	-26.2	PASS
n28	30	20	142600	51@0	CP_QPSK	662 MHz-694 MHz	6 MHz	688.53	-67.04	-26.2	PASS
n28	30	20	142600	51@0	CP_QPSK	758 MHz-773 MHz	1 MHz	771.58	-73.95	-50	PASS
n28	30	20	142600	51@0	CP_QPSK	773 MHz-803	1	799.52	-73.80	-32	PASS

						MHz	MHz				
n28	30	20	142600	51@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1901.25	-77.83	-41	PASS
n28	30	20	142600	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-63.24	-36	PASS
n28	30	20	142600	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-68.76	-36	PASS
n28	30	20	142600	1@0	CP_QPSK	30 MHz-678.00 MHz	100 kHz	259.98	-73.79	-36	PASS
n28	30	20	142600	1@0	CP_QPSK	748.00 MHz-1000 MHz	100 kHz	815.03	-75.88	-30	PASS
n28	30	20	142600	1@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1496.00	-65.68	-30	PASS
n28	30	20	142600	1@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12281.83	-68.58	-30	PASS
n28	30	20	142600	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	0.00	-999.00	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1988.14	-72.39	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1872.20	-72.49	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	2110 MHz-2155 MHz	1 MHz	0.00	-999.00	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	871.58	-73.87	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2644.64	-71.06	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	935.29	-73.81	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	0.00	-999.00	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1488.32	-73.42	-50	PASS

						MHz					
n28	30	20	142600	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	868.57	-73.84	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	875 MHz-890 MHz	1 MHz	877.03	-73.88	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	810.59	-73.80	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1503.10	-73.40	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	1930 MHz-1995 MHz	1 MHz	1994.35	-72.41	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	883.85	-73.85	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	867.44	-73.87	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.62	-74.35	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2023.91	-72.38	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.95	-71.35	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2378.00	-71.52	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2659.35	-71.18	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3402.20	-71.27	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3653.40	-72.61	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1496.94	-73.50	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	0.00	-999.00	-50	PASS

n28	30	20	142600	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2191.09	-72.34	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2170.03	-72.32	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	464.14	-74.37	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	462.98	-74.32	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1517.10	-73.42	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1513.18	-73.50	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	0.00	-999.00	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3390.90	-71.29	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3383.50	-71.26	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	5000.00	-71.91	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	470 MHz-694 MHz	8 MHz	690.86	-65.93	-42	PASS
n28	30	20	142600	1@0	CP_QPSK	470 MHz-710 MHz	6 MHz	702.80	-67.00	-26.2	PASS
n28	30	20	142600	1@0	CP_QPSK	662 MHz-694 MHz	6 MHz	687.70	-67.02	-26.2	PASS
n28	30	20	142600	1@0	CP_QPSK	758 MHz-773 MHz	1 MHz	770.29	-74.00	-50	PASS
n28	30	20	142600	1@0	CP_QPSK	773 MHz-803 MHz	1 MHz	801.26	-73.84	-32	PASS
n28	30	20	142600	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1914.92	-77.81	-41	PASS
n28	30	20	142600	1@50	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-62.04	-36	PASS
n28	30	20	142600	1@50	CP_QPSK	150 kHz-30	10	0.17	-69.83	-36	PASS

						MHz	kHz				
n28	30	20	142600	1@50	CP_QPSK	30 MHz-678.00 MHz	100 kHz	259.98	-71.57	-36	PASS
n28	30	20	142600	1@50	CP_QPSK	748.00 MHz-1000 MHz	100 kHz	926.92	-75.85	-30	PASS
n28	30	20	142600	1@50	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1479.00	-65.70	-30	PASS
n28	30	20	142600	1@50	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12246.35	-68.62	-30	PASS
n28	30	20	142600	1@50	CP_QPSK	2110 MHz-2170 MHz	1 MHz	0.00	-999.00	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1989.10	-72.43	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1877.45	-72.29	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	2110 MHz-2155 MHz	1 MHz	0.00	-999.00	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	869 MHz-894 MHz	1 MHz	891.58	-73.79	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2641.14	-71.06	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	925 MHz-960 MHz	1 MHz	925.21	-73.77	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	2110 MHz-2170 MHz	1 MHz	0.00	-999.00	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1479.86	-73.49	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	860 MHz-875 MHz	1 MHz	867.13	-73.86	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	875 MHz-890 MHz	1 MHz	875.65	-73.83	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	791 MHz-821 MHz	1 MHz	799.61	-73.70	-50	PASS

n28	30	20	142600	1@50	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1505.22	-73.44	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	1930 MHz-1995 MHz	1 MHz	1991.82	-72.37	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	859 MHz-894 MHz	1 MHz	861.03	-73.80	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	852 MHz-869 MHz	1 MHz	861.37	-73.90	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.24	-74.36	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2022.41	-72.42	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.05	-71.40	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2372.00	-71.54	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2643.83	-71.14	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3400.80	-71.33	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3640.20	-72.58	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1480.20	-73.54	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	0.00	-999.00	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2180.02	-72.28	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2188.66	-72.27	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	461 MHz-466	1	461.89	-74.32	-50	PASS

						MHz	MHz				
n28	30	20	142600	1@50	CP_QPSK	460 MHz-465 MHz	1 MHz	460.86	-74.33	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1497.02	-73.46	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1504.76	-73.44	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	0.00	-999.00	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3394.50	-71.34	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3509.50	-71.33	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	4400 MHz-5000 MHz	1 MHz	5000.00	-71.96	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	470 MHz-694 MHz	8 MHz	690.86	-65.93	-42	PASS
n28	30	20	142600	1@50	CP_QPSK	470 MHz-710 MHz	6 MHz	707.84	-66.99	-26.2	PASS
n28	30	20	142600	1@50	CP_QPSK	662 MHz-694 MHz	6 MHz	689.84	-67.02	-26.2	PASS
n28	30	20	142600	1@50	CP_QPSK	758 MHz-773 MHz	1 MHz	771.13	-73.93	-50	PASS
n28	30	20	142600	1@50	CP_QPSK	773 MHz-803 MHz	1 MHz	786.29	-73.80	-32	PASS
n28	30	20	142600	1@50	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1896.70	-77.76	-41	PASS
n3	30	10	343000	24@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.73	-36	PASS
n3	30	10	343000	24@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-65.88	-36	PASS
n3	30	10	343000	24@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	927.74	-71.39	-36	PASS
n3	30	10	343000	24@0	CP_QPSK	1000 MHz-1695.00 MHz	1 MHz	1695.00	-47.87	-30	PASS
n3	30	10	343000	24@0	CP_QPSK	1735.00	1 MHz	1736.05	-49.89	-30	PASS

						MHz-3000 MHz	MHz				
n3	30	10	343000	24@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12231.63	-65.79	-30	PASS
n3	30	10	343000	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2116.60	-71.99	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1813.10	-69.01	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	869 MHz-894 MHz	1 MHz	876.95	-74.38	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2646.18	-71.80	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	925 MHz-960 MHz	1 MHz	936.31	-74.25	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1484.04	-72.28	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	860 MHz-875 MHz	1 MHz	872.42	-74.44	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	875 MHz-890 MHz	1 MHz	879.89	-74.54	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	791 MHz-821 MHz	1 MHz	798.80	-74.89	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1508.80	-74.47	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.84	-71.87	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	859 MHz-894 MHz	1 MHz	890.96	-74.39	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	852 MHz-869 MHz	1 MHz	865.50	-74.46	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	758 MHz-803 MHz	1 MHz	788.20	-74.53	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	467.28	-74.92	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1458.56	-70.96	-50	PASS

						MHz					
n3	30	10	343000	24@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1918.64	-71.02	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2010.50	-71.14	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.95	-72.06	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1916.28	-71.14	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2387.60	-71.96	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2632.77	-71.81	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.80	-71.38	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3639.40	-73.62	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	703 MHz-803 MHz	1 MHz	785.30	-74.53	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1457.86	-70.72	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1452.66	-70.84	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.29	-72.67	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2128.45	-72.63	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.34	-74.83	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	753 MHz-783 MHz	1 MHz	774.06	-74.60	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	2570	1	2615.00	-72.03	-50	PASS

						MHz-2620 MHz	MHz				
n3	30	10	343000	24@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.16	-74.92	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	460 MHz-465 MHz	1 MHz	464.76	-75.33	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1507.72	-74.49	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1509.18	-74.52	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.11	-72.73	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3596.10	-71.46	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3593.50	-71.51	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4977.80	-72.98	-50	PASS
n3	30	10	343000	24@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1911.21	-76.30	-41	PASS
n3	30	10	343000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.56	-36	PASS
n3	30	10	343000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.18	-66.28	-36	PASS
n3	30	10	343000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-70.59	-36	PASS
n3	30	10	343000	1@0	CP_QPSK	1000 MHz-1695.00 MHz	1 MHz	1694.31	-45.22	-30	PASS
n3	30	10	343000	1@0	CP_QPSK	1735.00 MHz-3000 MHz	1 MHz	2644.75	-61.11	-30	PASS
n3	30	10	343000	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12233.25	-65.76	-30	PASS
n3	30	10	343000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2132.26	-71.99	-50	PASS

						MHz					
n3	30	10	343000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1811.60	-67.01	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	880.05	-74.84	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2640.09	-72.13	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	927.14	-74.84	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1477.98	-71.96	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	868.94	-74.43	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	875 MHz-890 MHz	1 MHz	889.34	-74.36	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	812.84	-74.46	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1500.60	-72.27	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.04	-71.54	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	886.20	-74.40	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	860.98	-74.43	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	802.87	-74.47	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.44	-74.93	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1477.96	-72.00	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1915.90	-70.93	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2010.53	-71.23	-50	PASS

n3	30	10	343000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.20	-72.01	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1917.88	-71.04	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2387.70	-72.00	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2652.17	-71.77	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.00	-71.44	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3658.20	-73.64	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	703 MHz-803 MHz	1 MHz	802.80	-74.53	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1450.62	-66.87	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1450.79	-67.21	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.87	-72.57	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2146.00	-73.26	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	751.94	-75.19	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	781.59	-74.99	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2615.60	-72.09	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	464.43	-74.90	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	461.00	-74.89	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	1475	1	1478.05	-72.13	-50	PASS

						MHz-1518 MHz	MHz				
n3	30	10	343000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1450.62	-66.97	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.82	-72.56	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-71.52	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3593.50	-71.55	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4995.20	-72.98	-50	PASS
n3	30	10	343000	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1907.34	-76.12	-41	PASS
n3	30	10	343000	1@23	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-61.50	-36	PASS
n3	30	10	343000	1@23	CP_QPSK	150 kHz-30 MHz	10 kHz	0.19	-66.51	-36	PASS
n3	30	10	343000	1@23	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-71.09	-36	PASS
n3	30	10	343000	1@23	CP_QPSK	1000 MHz-1695.00 MHz	1 MHz	1459.40	-62.97	-30	PASS
n3	30	10	343000	1@23	CP_QPSK	1735.00 MHz-3000 MHz	1 MHz	1736.05	-45.42	-30	PASS
n3	30	10	343000	1@23	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12224.31	-65.77	-30	PASS
n3	30	10	343000	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2117.74	-73.29	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1813.55	-67.74	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	869 MHz-894 MHz	1 MHz	873.60	-74.45	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	2620	1	2648.91	-71.81	-50	PASS

						MHz-2690 MHz	MHz				
n3	30	10	343000	1@23	CP_QPSK	925 MHz-960 MHz	1 MHz	943.10	-74.31	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1486.40	-72.07	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	860 MHz-875 MHz	1 MHz	869.08	-74.42	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	875 MHz-890 MHz	1 MHz	889.06	-74.38	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	791 MHz-821 MHz	1 MHz	808.76	-74.42	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1503.70	-72.36	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3587.20	-71.61	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	859 MHz-894 MHz	1 MHz	876.99	-74.42	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	852 MHz-869 MHz	1 MHz	855.32	-74.41	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	758 MHz-803 MHz	1 MHz	801.65	-74.50	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	467.50	-74.81	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1458.91	-67.36	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1919.58	-71.21	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2010.84	-71.07	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2613.95	-72.02	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1918.00	-71.22	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	2300	1	2373.80	-71.99	-50	PASS

						MHz-2400 MHz	MHz				
n3	30	10	343000	1@23	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2641.31	-71.82	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.20	-71.42	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3653.40	-73.65	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	703 MHz-803 MHz	1 MHz	778.80	-74.95	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1464.58	-74.62	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1507.82	-74.52	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.64	-72.78	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2126.74	-72.62	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	738 MHz-758 MHz	1 MHz	755.62	-74.82	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	753 MHz-783 MHz	1 MHz	777.09	-74.56	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2616.75	-72.08	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	461 MHz-466 MHz	1 MHz	462.05	-74.94	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	460 MHz-465 MHz	1 MHz	464.65	-74.95	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1486.35	-72.04	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1459.12	-66.92	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.78	-72.79	-50	PASS

						MHz					
n3	30	10	343000	1@23	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-71.49	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3595.50	-71.50	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4979.00	-72.94	-50	PASS
n3	30	10	343000	1@23	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1911.05	-76.31	-41	PASS
n3	30	10	349500	24@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.87	-36	PASS
n3	30	10	349500	24@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-65.35	-36	PASS
n3	30	10	349500	24@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	949.37	-71.00	-36	PASS
n3	30	10	349500	24@0	CP_QPSK	1000 MHz-1727.50 MHz	1 MHz	1727.50	-49.92	-30	PASS
n3	30	10	349500	24@0	CP_QPSK	1767.50 MHz-3000 MHz	1 MHz	1768.53	-49.66	-30	PASS
n3	30	10	349500	24@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12228.38	-65.76	-30	PASS
n3	30	10	349500	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2110.06	-71.57	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1846.03	-70.08	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	869 MHz-894 MHz	1 MHz	880.28	-74.28	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2637.29	-71.71	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	925 MHz-960 MHz	1 MHz	935.57	-74.18	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1485.06	-70.34	-50	PASS

n3	30	10	349500	24@0	CP_QPSK	860 MHz-875 MHz	1 MHz	862.06	-74.35	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	875 MHz-890 MHz	1 MHz	884.78	-74.30	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	791 MHz-821 MHz	1 MHz	810.44	-74.39	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1510.53	-72.16	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.96	-71.51	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	859 MHz-894 MHz	1 MHz	892.08	-74.27	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	852 MHz-869 MHz	1 MHz	868.35	-74.31	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	758 MHz-803 MHz	1 MHz	769.93	-74.72	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	467.16	-75.34	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1486.76	-74.52	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1917.76	-73.68	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2010.30	-68.17	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2614.80	-71.86	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1917.52	-71.48	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2378.90	-71.83	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2640.72	-71.71	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3596.80	-71.38	-50	PASS

						MHz					
n3	30	10	349500	24@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3648.20	-73.60	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	703 MHz-803 MHz	1 MHz	796.60	-74.46	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1465.02	-72.17	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1485.38	-70.38	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.38	-72.94	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2125.03	-72.51	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	738 MHz-758 MHz	1 MHz	751.24	-74.77	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	753 MHz-783 MHz	1 MHz	780.75	-74.41	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.00	-71.95	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	461 MHz-466 MHz	1 MHz	461.56	-74.89	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	460 MHz-465 MHz	1 MHz	462.51	-74.85	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1484.46	-70.43	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1484.53	-70.35	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.33	-72.91	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3590.70	-71.42	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3597.50	-71.46	-50	PASS

n3	30	10	349500	24@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4986.80	-72.83	-50	PASS
n3	30	10	349500	24@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1906.09	-78.78	-41	PASS
n3	30	10	349500	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.60	-36	PASS
n3	30	10	349500	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.71	-36	PASS
n3	30	10	349500	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	805.22	-71.03	-36	PASS
n3	30	10	349500	1@0	CP_QPSK	1000 MHz-1727.50 MHz	1 MHz	1726.77	-49.83	-30	PASS
n3	30	10	349500	1@0	CP_QPSK	1767.50 MHz-3000 MHz	1 MHz	2994.86	-60.91	-30	PASS
n3	30	10	349500	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12223.50	-65.74	-30	PASS
n3	30	10	349500	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2113.90	-71.76	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1808.30	-69.41	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	875.33	-74.35	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2646.53	-71.74	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	925.46	-74.10	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1483.36	-66.29	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	872.32	-74.36	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	875 MHz-890 MHz	1 MHz	877.96	-74.35	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	803.75	-74.44	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	1495.9	1	1510.59	-71.87	-50	PASS

						MHz-1510.9 MHz	MHz				
n3	30	10	349500	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3590.00	-71.76	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	886.72	-74.83	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	852.27	-74.91	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	802.46	-74.45	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.84	-74.90	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1483.50	-66.42	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1914.64	-71.45	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2010.02	-69.63	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.95	-72.01	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1919.76	-71.53	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2380.40	-71.87	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2642.66	-71.78	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3600.00	-71.43	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3625.40	-73.64	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	703 MHz-803 MHz	1 MHz	800.40	-74.51	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	1447	1	1466.10	-72.09	-50	PASS

						MHz-1467 MHz	MHz				
n3	30	10	349500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1483.26	-67.14	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.74	-72.96	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2144.02	-72.61	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	756.08	-74.76	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	782.76	-74.53	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.95	-72.04	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.30	-74.88	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	460.41	-74.83	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1483.51	-67.93	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1500.43	-74.49	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.66	-74.77	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-71.69	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3598.50	-71.39	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4998.20	-72.95	-50	PASS
n3	30	10	349500	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1909.99	-76.60	-41	PASS
n3	30	10	349500	1@23	CP_QPSK	9 kHz-150	1	0.01	-60.31	-36	PASS

						kHz	kHz				
n3	30	10	349500	1@23	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-65.22	-36	PASS
n3	30	10	349500	1@23	CP_QPSK	30 MHz-1000 MHz	100 kHz	771.86	-71.06	-36	PASS
n3	30	10	349500	1@23	CP_QPSK	1000 MHz-1727.50 MHz	1 MHz	1718.77	-62.17	-30	PASS
n3	30	10	349500	1@23	CP_QPSK	1767.50 MHz-3000 MHz	1 MHz	1768.53	-45.71	-30	PASS
n3	30	10	349500	1@23	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12208.88	-65.74	-30	PASS
n3	30	10	349500	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2110.30	-71.57	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1817.75	-67.94	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	869 MHz-894 MHz	1 MHz	893.75	-74.24	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2649.47	-71.93	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	925 MHz-960 MHz	1 MHz	938.13	-74.78	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1489.34	-74.43	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	860 MHz-875 MHz	1 MHz	864.29	-74.29	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	875 MHz-890 MHz	1 MHz	883.93	-74.32	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	791 MHz-821 MHz	1 MHz	811.79	-74.38	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1496.01	-71.95	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.80	-71.51	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	859 MHz-894 MHz	1 MHz	864.71	-74.33	-50	PASS

n3	30	10	349500	1@23	CP_QPSK	852 MHz-869 MHz	1 MHz	864.29	-74.31	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	758 MHz-803 MHz	1 MHz	797.29	-74.36	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.47	-74.77	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1491.56	-66.07	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1918.50	-71.44	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2011.49	-63.46	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.80	-71.95	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1916.80	-71.49	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2388.00	-71.83	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2640.34	-71.62	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.60	-71.31	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3639.40	-73.54	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	703 MHz-803 MHz	1 MHz	802.80	-74.48	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1464.26	-72.29	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1491.59	-66.35	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.14	-72.94	-50	PASS

						MHz					
n3	30	10	349500	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2127.64	-72.96	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	738 MHz-758 MHz	1 MHz	753.96	-75.14	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	753 MHz-783 MHz	1 MHz	781.83	-74.89	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2613.45	-71.98	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	461 MHz-466 MHz	1 MHz	463.32	-74.76	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	460 MHz-465 MHz	1 MHz	462.22	-74.85	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1491.51	-66.04	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1491.84	-66.47	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.08	-72.90	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-71.44	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3597.00	-71.40	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4988.60	-72.86	-50	PASS
n3	30	10	349500	1@23	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1914.73	-76.51	-41	PASS
n3	30	10	356000	24@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-62.06	-36	PASS
n3	30	10	356000	24@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-66.49	-36	PASS
n3	30	10	356000	24@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	896.79	-71.11	-36	PASS
n3	30	10	356000	24@0	CP_QPSK	1000 MHz-1760.00 MHz	1 MHz	1760.00	-46.26	-30	PASS

						MHz					
n3	30	10	356000	24@0	CP_QPSK	1800.00 MHz-3000 MHz	1 MHz	2997.00	-60.91	-30	PASS
n3	30	10	356000	24@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12219.44	-65.74	-30	PASS
n3	30	10	356000	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2111.02	-70.65	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1845.28	-69.92	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	869 MHz-894 MHz	1 MHz	880.50	-73.98	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2638.20	-71.25	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	925 MHz-960 MHz	1 MHz	935.61	-73.85	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1495.04	-71.34	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	860 MHz-875 MHz	1 MHz	861.71	-74.00	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	875 MHz-890 MHz	1 MHz	876.37	-74.00	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	791 MHz-821 MHz	1 MHz	814.10	-74.10	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1510.42	-70.51	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3548.72	-70.66	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	859 MHz-894 MHz	1 MHz	890.19	-73.94	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	852 MHz-869 MHz	1 MHz	866.57	-73.99	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	758 MHz-803 MHz	1 MHz	802.01	-74.12	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.28	-74.51	-50	PASS

n3	30	10	356000	24@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1495.87	-71.33	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1905.62	-70.81	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2021.40	-68.98	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2613.05	-71.66	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1887.76	-66.99	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2380.80	-71.44	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2528.59	-71.42	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3597.40	-71.64	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3624.80	-73.52	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	703 MHz-803 MHz	1 MHz	786.80	-74.33	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1466.88	-71.86	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1516.75	-68.87	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1432.00	-72.75	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2115.22	-71.94	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	738 MHz-758 MHz	1 MHz	751.58	-74.43	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	753 MHz-783	1	782.37	-74.24	-50	PASS

						MHz	MHz				
n3	30	10	356000	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.25	-71.60	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.39	-74.54	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	460 MHz-465 MHz	1 MHz	461.84	-74.52	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1516.80	-68.54	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1516.66	-69.02	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.21	-72.74	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3548.40	-70.97	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3548.50	-70.81	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4983.80	-72.81	-50	PASS
n3	30	10	356000	24@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1888.84	-72.13	-41	PASS
n3	30	10	356000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.80	-36	PASS
n3	30	10	356000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-65.64	-36	PASS
n3	30	10	356000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	845.29	-71.37	-36	PASS
n3	30	10	356000	1@0	CP_QPSK	1000 MHz-1760.00 MHz	1 MHz	1752.40	-63.65	-30	PASS
n3	30	10	356000	1@0	CP_QPSK	1800.00 MHz-3000 MHz	1 MHz	2997.00	-61.02	-30	PASS
n3	30	10	356000	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12235.69	-65.69	-30	PASS

n3	30	10	356000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2115.28	-70.64	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1878.35	-60.68	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	886.30	-74.01	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2646.25	-71.42	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	933.05	-73.94	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1494.66	-71.25	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	869.27	-74.01	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	875 MHz-890 MHz	1 MHz	875.93	-73.89	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	813.77	-74.16	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1509.91	-68.92	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.60	-71.29	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	883.26	-74.02	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	861.86	-74.04	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	790.85	-74.15	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.33	-74.57	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1492.66	-72.18	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1917.36	-73.73	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	2010	1	2024.40	-73.36	-50	PASS

						MHz-2025 MHz	MHz				
n3	30	10	356000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2616.35	-72.36	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1904.24	-70.88	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2376.50	-71.54	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2510.16	-71.38	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3597.20	-71.15	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3661.80	-73.48	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	703 MHz-803 MHz	1 MHz	802.10	-73.83	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1465.86	-71.83	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1515.98	-65.00	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.81	-72.82	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2185.96	-70.39	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.38	-74.39	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	778.71	-74.18	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.80	-71.72	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	462.24	-74.53	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	460 MHz-465	1	460.42	-74.55	-50	PASS

						MHz	MHz				
n3	30	10	356000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1516.02	-64.88	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1515.90	-65.18	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.66	-72.81	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3593.40	-71.27	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3596.50	-71.18	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4989.80	-72.79	-50	PASS
n3	30	10	356000	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1888.37	-75.85	-41	PASS
n3	30	10	356000	1@23	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.61	-36	PASS
n3	30	10	356000	1@23	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-66.58	-36	PASS
n3	30	10	356000	1@23	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-70.14	-36	PASS
n3	30	10	356000	1@23	CP_QPSK	1000 MHz-1760.00 MHz	1 MHz	1750.88	-60.88	-30	PASS
n3	30	10	356000	1@23	CP_QPSK	1800.00 MHz-3000 MHz	1 MHz	2044.00	-60.16	-30	PASS
n3	30	10	356000	1@23	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12226.75	-65.71	-30	PASS
n3	30	10	356000	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2117.02	-70.37	-50	PASS
n3	30	10	356000	1@23	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1849.10	-66.92	-50	PASS
n3	30	10	356000	1@23	CP_QPSK	869 MHz-894	1	881.13	-73.91	-50	PASS

n3	30	10	356000	1@23	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2650.17	-71.37	-50	PASS
n3	30	10	356000	1@23	CP_QPSK	925 MHz-960 MHz	1 MHz	929.83	-73.89	-50	PASS
n3	30	10	356000	1@23	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1495.58	-71.49	-50	PASS
n3	30	10	356000	1@23	CP_QPSK	860 MHz-875 MHz	1 MHz	869.99	-73.94	-50	PASS
n3	30	10	356000	1@23	CP_QPSK	875 MHz-890 MHz	1 MHz	889.13	-73.98	-50	PASS
n3	30	10	356000	1@23	CP_QPSK	791 MHz-821 MHz	1 MHz	809.60	-73.99	-50	PASS
n3	30	10	356000	1@23	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1505.14	-71.86	-50	PASS
n3	30	10	356000	1@23	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.84	-71.72	-50	PASS
n3	30	10	356000	1@23	CP_QPSK	859 MHz-894 MHz	1 MHz	873.95	-74.81	-50	PASS
n3	30	10	356000	1@23	CP_QPSK	852 MHz-869 MHz	1 MHz	858.85	-74.81	-50	PASS
n3	30	10	356000	1@23	CP_QPSK	758 MHz-803 MHz	1 MHz	795.53	-74.16	-50	PASS
n3	30	10	356000	1@23	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.69	-74.57	-50	PASS
n3	30	10	356000	1@23	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1491.29	-71.50	-50	PASS
n3	30	10	356000	1@23	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1902.30	-70.71	-50	PASS
n3	30	10	356000	1@23	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2016.84	-68.68	-50	PASS
n3	30	10	356000	1@23	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.35	-71.61	-50	PASS
n3	30	10	356000	1@23	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1899.08	-59.80	-50	PASS

n3	30	10	356000	1@23	CP_QPSK	MHz 2300	1	2375.50	-71.40	-50	PASS
						MHz-2400	MHz				
						MHz					
n3	30	10	356000	1@23	CP_QPSK	2496	1	2503.95	-71.38	-50	PASS
						MHz-2690	MHz				
						MHz					
n3	30	10	356000	1@23	CP_QPSK	3400	1	3597.40	-71.03	-50	PASS
						MHz-3600	MHz				
						MHz					
n3	30	10	356000	1@23	CP_QPSK	3600	1	3649.00	-73.52	-50	PASS
						MHz-3800	MHz				
						MHz					
n3	30	10	356000	1@23	CP_QPSK	703 MHz-803	1	802.10	-73.79	-50	PASS
						MHz	MHz				
n3	30	10	356000	1@23	CP_QPSK	1447	1	1466.44	-71.85	-50	PASS
						MHz-1467	MHz				
						MHz					
n3	30	10	356000	1@23	CP_QPSK	1432	1	1514.03	-70.63	-50	PASS
						MHz-1517	MHz				
						MHz					
n3	30	10	356000	1@23	CP_QPSK	1427	1	1430.18	-72.82	-50	PASS
						MHz-1432	MHz				
						MHz					
n3	30	10	356000	1@23	CP_QPSK	2110	1	2110.45	-71.96	-50	PASS
						MHz-2200	MHz				
						MHz					
n3	30	10	356000	1@23	CP_QPSK	738 MHz-758	1	755.44	-74.45	-50	PASS
						MHz	MHz				
n3	30	10	356000	1@23	CP_QPSK	753 MHz-783	1	783.00	-74.16	-50	PASS
						MHz	MHz				
n3	30	10	356000	1@23	CP_QPSK	2570	1	2615.95	-71.57	-50	PASS
						MHz-2620	MHz				
						MHz					
n3	30	10	356000	1@23	CP_QPSK	461 MHz-466	1	464.58	-74.46	-50	PASS
						MHz	MHz				
n3	30	10	356000	1@23	CP_QPSK	460 MHz-465	1	461.39	-74.54	-50	PASS
						MHz	MHz				
n3	30	10	356000	1@23	CP_QPSK	1475	1	1518.00	-68.99	-50	PASS
						MHz-1518	MHz				
						MHz					
n3	30	10	356000	1@23	CP_QPSK	1432	1	1484.19	-72.31	-50	PASS
						MHz-1517	MHz				
						MHz					

n3	30	10	356000	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.19	-74.69	-50	PASS
n3	30	10	356000	1@23	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-71.56	-50	PASS
n3	30	10	356000	1@23	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3597.50	-71.60	-50	PASS
n3	30	10	356000	1@23	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4976.60	-72.80	-50	PASS
n3	30	10	356000	1@23	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1899.07	-63.28	-41	PASS
n3	30	20	344000	51@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-61.01	-36	PASS
n3	30	20	344000	51@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-66.29	-36	PASS
n3	30	20	344000	51@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-71.13	-36	PASS
n3	30	20	344000	51@0	CP_QPSK	1000 MHz-1685.00 MHz	1 MHz	1685.00	-57.92	-30	PASS
n3	30	20	344000	51@0	CP_QPSK	1755.00 MHz-3000 MHz	1 MHz	1756.04	-47.64	-30	PASS
n3	30	20	344000	51@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12260.88	-65.91	-30	PASS
n3	30	20	344000	51@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2114.62	-72.03	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1813.85	-69.58	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	869 MHz-894 MHz	1 MHz	889.20	-74.47	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2640.23	-71.89	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	925 MHz-960 MHz	1 MHz	935.15	-74.40	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	1475.9	1	1481.62	-72.51	-50	PASS

						MHz-1495.9 MHz	MHz				
n3	30	20	344000	51@0	CP_QPSK	860 MHz-875 MHz	1 MHz	866.38	-74.54	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	875 MHz-890 MHz	1 MHz	885.29	-74.91	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	791 MHz-821 MHz	1 MHz	813.08	-74.98	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1509.49	-74.56	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3590.00	-71.66	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	859 MHz-894 MHz	1 MHz	869.75	-74.48	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	852 MHz-869 MHz	1 MHz	860.59	-74.52	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	758 MHz-803 MHz	1 MHz	797.02	-74.59	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.13	-75.02	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1460.62	-71.63	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1919.34	-71.38	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2011.11	-71.27	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.35	-72.12	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1918.48	-71.35	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2380.40	-72.07	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2642.47	-71.95	-50	PASS

n3	30	20	344000	51@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3596.60	-71.53	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3646.00	-73.73	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	703 MHz-803 MHz	1 MHz	784.80	-74.23	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1462.44	-71.52	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1461.07	-71.71	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.98	-72.89	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2129.98	-72.76	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.00	-74.91	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	753 MHz-783 MHz	1 MHz	778.89	-74.64	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2610.10	-72.17	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.04	-75.48	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	460 MHz-465 MHz	1 MHz	462.63	-75.46	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1497.58	-74.60	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1457.08	-71.60	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.91	-72.93	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-71.62	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	3300	1	3591.00	-71.66	-50	PASS

						MHz-3800 MHz	MHz				
n3	30	20	344000	51@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4989.20	-73.01	-50	PASS
n3	30	20	344000	51@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1915.29	-76.52	-41	PASS
n3	30	20	344000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-61.48	-36	PASS
n3	30	20	344000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-65.58	-36	PASS
n3	30	20	344000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	930.65	-71.61	-36	PASS
n3	30	20	344000	1@0	CP_QPSK	1000 MHz-1685.00 MHz	1 MHz	1450.73	-63.31	-30	PASS
n3	30	20	344000	1@0	CP_QPSK	1755.00 MHz-3000 MHz	1 MHz	2996.89	-61.15	-30	PASS
n3	30	20	344000	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12218.63	-65.77	-30	PASS
n3	30	20	344000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2123.38	-72.43	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1819.55	-65.82	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	877.30	-75.00	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2659.06	-72.27	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	937.71	-74.38	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1478.24	-72.22	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	860.95	-74.55	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	875 MHz-890 MHz	1 MHz	879.35	-74.49	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	791 MHz-821	1	806.33	-74.51	-50	PASS

n3	30	20	344000	1@0	CP_QPSK	MHz 1495.9 MHz-1510.9 MHz	1 MHz	1499.83	-72.39	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3586.32	-71.70	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	884.10	-74.49	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	863.37	-74.59	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	785.63	-74.58	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	467.44	-75.03	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1452.09	-71.91	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1916.86	-71.20	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2010.90	-71.32	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.70	-72.15	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1916.12	-71.20	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2367.30	-72.11	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2649.45	-71.94	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3597.00	-71.56	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3637.80	-73.72	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	703 MHz-803	1	785.40	-74.16	-50	PASS

						MHz	MHz				
n3	30	20	344000	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1450.90	-67.21	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1516.58	-74.59	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.43	-74.89	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2154.64	-73.40	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	754.24	-74.91	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	778.86	-74.66	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.30	-72.15	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	464.09	-75.05	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	462.21	-75.02	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1478.27	-72.16	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1450.96	-67.14	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.94	-72.61	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.90	-71.52	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.50	-71.59	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4988.00	-73.03	-50	PASS
n3	30	20	344000	1@0	CP_QPSK	1884.5 MHz-1915.7	300 kHz	1912.74	-76.25	-41	PASS

						MHz					
n3	30	20	344000	1@50	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.51	-36	PASS
n3	30	20	344000	1@50	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-66.36	-36	PASS
n3	30	20	344000	1@50	CP_QPSK	30 MHz-1000 MHz	100 kHz	801.93	-71.08	-36	PASS
n3	30	20	344000	1@50	CP_QPSK	1000 MHz-1685.00 MHz	1 MHz	1469.23	-63.23	-30	PASS
n3	30	20	344000	1@50	CP_QPSK	1755.00 MHz-3000 MHz	1 MHz	1765.38	-46.17	-30	PASS
n3	30	20	344000	1@50	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12213.75	-65.94	-30	PASS
n3	30	20	344000	1@50	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2110.90	-72.04	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1813.40	-69.61	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	869 MHz-894 MHz	1 MHz	888.95	-74.48	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2648.91	-71.86	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	925 MHz-960 MHz	1 MHz	929.27	-74.39	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1495.76	-72.25	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	860 MHz-875 MHz	1 MHz	865.39	-74.46	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	875 MHz-890 MHz	1 MHz	888.05	-74.52	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	791 MHz-821 MHz	1 MHz	812.48	-74.56	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1496.11	-72.04	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.44	-71.68	-50	PASS

n3	30	20	344000	1@50	CP_QPSK	859 MHz-894 MHz	1 MHz	892.08	-74.51	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	852 MHz-869 MHz	1 MHz	862.95	-74.54	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	758 MHz-803 MHz	1 MHz	790.45	-74.60	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.63	-75.01	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1469.16	-67.25	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1919.18	-71.45	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2022.53	-70.87	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.50	-72.14	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1919.96	-71.47	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2394.60	-72.09	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2651.39	-71.94	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.20	-71.77	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3657.00	-73.70	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	703 MHz-803 MHz	1 MHz	790.10	-74.55	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1462.98	-70.49	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1468.72	-67.14	-50	PASS

n3	30	20	344000	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.07	-72.88	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2121.97	-72.76	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	738 MHz-758 MHz	1 MHz	757.52	-74.88	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	753 MHz-783 MHz	1 MHz	780.12	-74.64	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.10	-72.15	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	461 MHz-466 MHz	1 MHz	463.21	-74.96	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	460 MHz-465 MHz	1 MHz	463.50	-75.04	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1495.94	-72.11	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1468.98	-67.60	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.52	-72.99	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-71.43	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3596.50	-71.60	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4998.20	-73.01	-50	PASS
n3	30	20	344000	1@50	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1912.67	-76.71	-41	PASS
n3	30	20	349500	51@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-61.63	-36	PASS
n3	30	20	349500	51@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-65.99	-36	PASS
n3	30	20	349500	51@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	770.40	-70.89	-36	PASS

n3	30	20	349500	51@0	CP_QPSK	1000 MHz-1712.50 MHz	1 MHz	1711.79	-50.42	-30	PASS
n3	30	20	349500	51@0	CP_QPSK	1782.50 MHz-3000 MHz	1 MHz	1783.51	-48.15	-30	PASS
n3	30	20	349500	51@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12224.31	-65.83	-30	PASS
n3	30	20	349500	51@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2110.54	-71.73	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1847.83	-70.91	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	869 MHz-894 MHz	1 MHz	869.13	-74.41	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2652.13	-71.78	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	925 MHz-960 MHz	1 MHz	934.31	-74.35	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1487.04	-71.13	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	860 MHz-875 MHz	1 MHz	868.51	-74.36	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	875 MHz-890 MHz	1 MHz	888.19	-74.57	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	791 MHz-821 MHz	1 MHz	800.51	-74.90	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1500.81	-74.54	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.44	-71.94	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	859 MHz-894 MHz	1 MHz	886.69	-74.45	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	852 MHz-869 MHz	1 MHz	866.20	-74.43	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	758 MHz-803 MHz	1 MHz	801.29	-74.50	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	462.5	1	464.39	-74.85	-50	PASS

						MHz-467.5 MHz	MHz				
n3	30	20	349500	51@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1487.29	-71.20	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1917.24	-71.59	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2012.30	-69.19	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2612.15	-72.11	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1919.40	-71.62	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2397.80	-72.02	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2648.68	-71.82	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.80	-71.48	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3651.60	-73.66	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	703 MHz-803 MHz	1 MHz	786.80	-74.10	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1463.98	-72.33	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1487.93	-71.32	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.59	-73.05	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2114.41	-72.55	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	738 MHz-758	1	750.06	-74.88	-50	PASS

						MHz	MHz				
n3	30	20	349500	51@0	CP_QPSK	753 MHz-783 MHz	1 MHz	780.87	-74.55	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2614.20	-72.07	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	461 MHz-466 MHz	1 MHz	465.58	-74.91	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	460 MHz-465 MHz	1 MHz	462.86	-75.35	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1504.89	-74.60	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1514.88	-74.56	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.13	-73.02	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.90	-71.49	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3597.50	-71.49	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4990.40	-72.92	-50	PASS
n3	30	20	349500	51@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1914.95	-76.80	-41	PASS
n3	30	20	349500	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-61.78	-36	PASS
n3	30	20	349500	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-66.11	-36	PASS
n3	30	20	349500	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	940.54	-71.55	-36	PASS
n3	30	20	349500	1@0	CP_QPSK	1000 MHz-1712.50 MHz	1 MHz	1702.53	-51.17	-30	PASS
n3	30	20	349500	1@0	CP_QPSK	1782.50 MHz-3000 MHz	1 MHz	2639.82	-61.19	-30	PASS
n3	30	20	349500	1@0	CP_QPSK	3000 MHz	1 MHz	12206.44	-65.87	-30	PASS

						MHz-12.75 GHz	MHz				
n3	30	20	349500	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2117.86	-72.03	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1836.73	-66.89	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	890.20	-74.93	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2651.36	-72.21	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	928.96	-74.43	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1478.48	-66.86	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	874.79	-74.50	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	875 MHz-890 MHz	1 MHz	888.62	-74.44	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	805.76	-74.51	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1505.58	-72.12	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3587.84	-71.62	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	890.36	-74.52	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	865.72	-74.45	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	803.00	-74.56	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	466.83	-75.00	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1478.27	-66.79	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1918.08	-71.54	-50	PASS

						MHz					
n3	30	20	349500	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2014.29	-70.73	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.85	-72.14	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1917.88	-71.61	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2386.10	-72.04	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2651.59	-71.93	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3595.60	-71.53	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3677.40	-73.65	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	703 MHz-803 MHz	1 MHz	785.70	-74.19	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1461.98	-72.41	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1516.92	-74.56	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.91	-74.81	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2116.75	-73.38	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	755.58	-74.87	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	780.57	-74.64	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.85	-72.06	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	461 MHz-466 MHz	1	462.75	-75.05	-50	PASS

						MHz	MHz				
n3	30	20	349500	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	460.32	-75.02	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1478.44	-67.04	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1478.67	-67.49	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.56	-73.14	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3596.10	-71.63	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3597.50	-71.46	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4997.60	-72.98	-50	PASS
n3	30	20	349500	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1915.14	-76.84	-41	PASS
n3	30	20	349500	1@50	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-61.85	-36	PASS
n3	30	20	349500	1@50	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-65.77	-36	PASS
n3	30	20	349500	1@50	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-71.57	-36	PASS
n3	30	20	349500	1@50	CP_QPSK	1000 MHz-1712.50 MHz	1 MHz	1496.61	-62.71	-30	PASS
n3	30	20	349500	1@50	CP_QPSK	1782.50 MHz-3000 MHz	1 MHz	1792.65	-50.39	-30	PASS
n3	30	20	349500	1@50	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12231.63	-65.90	-30	PASS
n3	30	20	349500	1@50	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2110.42	-71.64	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1829.90	-67.47	-50	PASS

n3	30	20	349500	1@50	CP_QPSK	869 MHz-894 MHz	1 MHz	872.20	-74.31	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2638.34	-71.75	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	925 MHz-960 MHz	1 MHz	951.67	-73.85	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1495.90	-68.63	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	860 MHz-875 MHz	1 MHz	861.70	-74.44	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	875 MHz-890 MHz	1 MHz	877.15	-74.43	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	791 MHz-821 MHz	1 MHz	808.58	-74.49	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1496.68	-65.41	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.60	-71.63	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	859 MHz-894 MHz	1 MHz	879.93	-74.33	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	852 MHz-869 MHz	1 MHz	858.04	-74.41	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	758 MHz-803 MHz	1 MHz	795.80	-74.49	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.23	-74.91	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1496.00	-68.03	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1919.98	-71.46	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2016.62	-63.44	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.25	-71.95	-50	PASS

n3	30	20	349500	1@50	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1913.96	-71.54	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2370.70	-71.95	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2640.53	-71.82	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.20	-71.67	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3639.80	-73.69	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	703 MHz-803 MHz	1 MHz	792.70	-74.51	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1466.28	-72.36	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1496.43	-66.53	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.30	-73.01	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2123.14	-72.59	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	738 MHz-758 MHz	1 MHz	754.94	-74.81	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	753 MHz-783 MHz	1 MHz	782.55	-74.55	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2616.20	-72.06	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	461 MHz-466 MHz	1 MHz	462.13	-74.90	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	460 MHz-465 MHz	1 MHz	462.25	-74.91	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1496.37	-66.02	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	1432	1	1496.52	-66.15	-50	PASS

						MHz-1517 MHz	MHz				
n3	30	20	349500	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.55	-73.08	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.90	-71.59	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.00	-71.44	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4993.40	-72.84	-50	PASS
n3	30	20	349500	1@50	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1908.56	-76.55	-41	PASS
n3	30	20	355000	51@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.83	-36	PASS
n3	30	20	355000	51@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-67.11	-36	PASS
n3	30	20	355000	51@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-69.65	-36	PASS
n3	30	20	355000	51@0	CP_QPSK	1000 MHz-1740.00 MHz	1 MHz	1740.00	-47.33	-30	PASS
n3	30	20	355000	51@0	CP_QPSK	1810.00 MHz-3000 MHz	1 MHz	2993.06	-61.44	-30	PASS
n3	30	20	355000	51@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12296.63	-65.73	-30	PASS
n3	30	20	355000	51@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2121.04	-70.77	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1878.28	-69.05	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	869 MHz-894 MHz	1 MHz	883.18	-74.08	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2638.20	-71.44	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	925 MHz-960	1	928.82	-73.96	-50	PASS

						MHz	MHz				
n3	30	20	355000	51@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1495.18	-71.40	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	860 MHz-875 MHz	1 MHz	870.46	-74.02	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	875 MHz-890 MHz	1 MHz	889.60	-74.80	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	791 MHz-821 MHz	1 MHz	797.27	-74.80	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1510.39	-74.38	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.80	-71.32	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	859 MHz-894 MHz	1 MHz	873.04	-74.01	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	852 MHz-869 MHz	1 MHz	866.52	-74.04	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	758 MHz-803 MHz	1 MHz	786.13	-74.21	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	467.16	-74.58	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1494.02	-71.39	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1906.18	-71.01	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2016.12	-69.06	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.65	-71.74	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1880.32	-69.69	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2388.00	-71.53	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	2496	1	2648.87	-71.49	-50	PASS

						MHz-2690 MHz	MHz				
n3	30	20	355000	51@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3596.80	-71.17	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3660.60	-73.53	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	703 MHz-803 MHz	1 MHz	781.10	-73.82	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1466.92	-71.96	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1509.44	-70.18	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.53	-72.87	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2119.81	-72.09	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	738 MHz-758 MHz	1 MHz	753.92	-74.49	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	753 MHz-783 MHz	1 MHz	782.37	-74.29	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.00	-71.73	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	461 MHz-466 MHz	1 MHz	461.36	-75.28	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	460 MHz-465 MHz	1 MHz	461.36	-75.26	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1476.72	-74.41	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1513.60	-70.14	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.68	-72.78	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3596.10	-71.21	-50	PASS

						MHz					
n3	30	20	355000	51@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3598.00	-71.24	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	5000.00	-72.84	-50	PASS
n3	30	20	355000	51@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1885.16	-75.45	-41	PASS
n3	30	20	355000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-61.46	-36	PASS
n3	30	20	355000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-65.51	-36	PASS
n3	30	20	355000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	857.80	-71.27	-36	PASS
n3	30	20	355000	1@0	CP_QPSK	1000 MHz-1740.00 MHz	1 MHz	1729.64	-51.72	-30	PASS
n3	30	20	355000	1@0	CP_QPSK	1810.00 MHz-3000 MHz	1 MHz	2026.18	-60.80	-30	PASS
n3	30	20	355000	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12235.69	-65.64	-30	PASS
n3	30	20	355000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2117.14	-70.43	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1871.00	-67.56	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	880.73	-74.82	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2648.49	-72.08	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	929.52	-74.07	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1495.88	-71.35	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	873.38	-74.17	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	875 MHz-890	1	889.40	-74.16	-50	PASS

						MHz	MHz				
n3	30	20	355000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	812.09	-74.27	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1506.10	-65.27	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3587.20	-71.42	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	884.41	-74.17	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	863.44	-74.18	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	802.73	-74.27	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.41	-74.68	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1495.52	-71.41	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1918.46	-71.30	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2024.97	-68.63	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.45	-71.82	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1919.96	-71.25	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2387.80	-71.66	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2520.64	-71.57	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3597.40	-71.25	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3640.60	-73.48	-50	PASS

						MHz					
n3	30	20	355000	1@0	CP_QPSK	703 MHz-803 MHz	1 MHz	786.70	-73.88	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1462.88	-72.23	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1485.38	-74.40	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.79	-74.64	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2129.71	-73.18	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.56	-74.56	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	776.70	-74.33	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.75	-71.79	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.52	-74.65	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	463.19	-74.66	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1505.92	-65.29	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1505.87	-65.65	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.32	-72.95	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.00	-71.32	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3598.00	-71.25	-50	PASS
n3	30	20	355000	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4970.00	-72.85	-50	PASS

n3	30	20	355000	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1910.99	-76.24	-41	PASS
n3	30	20	355000	1@50	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.98	-36	PASS
n3	30	20	355000	1@50	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-63.09	-36	PASS
n3	30	20	355000	1@50	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-71.03	-36	PASS
n3	30	20	355000	1@50	CP_QPSK	1000 MHz-1740.00 MHz	1 MHz	1523.92	-62.09	-30	PASS
n3	30	20	355000	1@50	CP_QPSK	1810.00 MHz-3000 MHz	1 MHz	2044.03	-60.38	-30	PASS
n3	30	20	355000	1@50	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12222.69	-65.61	-30	PASS
n3	30	20	355000	1@50	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2111.38	-72.17	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1849.03	-67.05	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	869 MHz-894 MHz	1 MHz	889.23	-74.01	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2643.87	-71.45	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	925 MHz-960 MHz	1 MHz	935.82	-73.90	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1495.76	-71.53	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	860 MHz-875 MHz	1 MHz	870.92	-74.04	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	875 MHz-890 MHz	1 MHz	883.75	-73.98	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	791 MHz-821 MHz	1 MHz	800.51	-74.14	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1507.62	-70.95	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	3510	1	3588.72	-71.30	-50	PASS

						MHz-3590 MHz	MHz				
n3	30	20	355000	1@50	CP_QPSK	859 MHz-894 MHz	1 MHz	862.12	-73.99	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	852 MHz-869 MHz	1 MHz	856.51	-74.02	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	758 MHz-803 MHz	1 MHz	799.67	-74.13	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	466.05	-74.57	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1492.30	-71.48	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1902.06	-70.83	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2016.54	-68.76	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2612.65	-71.59	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1898.64	-60.18	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2381.90	-71.45	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2644.99	-71.38	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.40	-71.13	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3644.40	-73.55	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	703 MHz-803 MHz	1 MHz	798.80	-74.40	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1466.40	-74.48	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	1432	1	1472.80	-74.42	-50	PASS

						MHz-1517 MHz	MHz				
n3	30	20	355000	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.33	-72.79	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2120.08	-71.99	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	738 MHz-758 MHz	1 MHz	753.32	-74.45	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	753 MHz-783 MHz	1 MHz	779.85	-74.23	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.95	-71.62	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	461 MHz-466 MHz	1 MHz	464.76	-74.53	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	460 MHz-465 MHz	1 MHz	460.63	-74.57	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1518.00	-69.06	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1517.00	-70.73	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.71	-72.84	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3593.40	-71.27	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3593.50	-71.18	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4996.40	-72.72	-50	PASS
n3	30	20	355000	1@50	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1898.70	-63.29	-41	PASS
n3	30	30	345000	78@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-61.18	-36	PASS
n3	30	30	345000	78@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-66.14	-36	PASS

n3	30	30	345000	78@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	849.84	-71.13	-36	PASS
n3	30	30	345000	78@0	CP_QPSK	1000 MHz-1675.00 MHz	1 MHz	1668.93	-61.99	-30	PASS
n3	30	30	345000	78@0	CP_QPSK	1775.00 MHz-3000 MHz	1 MHz	1776.02	-46.34	-30	PASS
n3	30	30	345000	78@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12239.75	-65.86	-30	PASS
n3	30	30	345000	78@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2114.80	-72.05	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1814.08	-70.35	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	869 MHz-894 MHz	1 MHz	872.23	-74.48	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2643.73	-71.79	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	925 MHz-960 MHz	1 MHz	925.04	-74.41	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1477.60	-72.11	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	860 MHz-875 MHz	1 MHz	867.32	-74.53	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	875 MHz-890 MHz	1 MHz	882.47	-74.51	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	791 MHz-821 MHz	1 MHz	809.33	-74.57	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1504.56	-72.44	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3586.96	-71.70	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	859 MHz-894 MHz	1 MHz	873.11	-74.51	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	852 MHz-869 MHz	1 MHz	859.62	-74.71	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	758 MHz-803 MHz	1 MHz	795.31	-75.00	-50	PASS

						MHz	MHz				
n3	30	30	345000	78@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	466.11	-75.40	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1482.67	-74.60	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1919.64	-71.48	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2014.07	-71.09	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.15	-72.14	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1918.96	-71.44	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2379.50	-72.05	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2645.19	-71.89	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.80	-71.55	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3655.80	-73.73	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	703 MHz-803 MHz	1 MHz	794.90	-74.21	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1461.68	-71.92	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1457.25	-71.98	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.63	-73.01	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2119.09	-72.71	-50	PASS

						MHz					
n3	30	30	345000	78@0	CP_QPSK	738 MHz-758 MHz	1 MHz	747.54	-74.89	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	753 MHz-783 MHz	1 MHz	779.73	-74.67	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.55	-72.14	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	461 MHz-466 MHz	1 MHz	461.61	-75.03	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	460 MHz-465 MHz	1 MHz	461.95	-75.04	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1476.08	-72.11	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1459.71	-71.97	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.01	-73.00	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.00	-71.67	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.00	-71.72	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4992.20	-73.01	-50	PASS
n3	30	30	345000	78@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1909.68	-78.91	-41	PASS
n3	30	30	345000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.74	-36	PASS
n3	30	30	345000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-64.49	-36	PASS
n3	30	30	345000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	905.62	-70.78	-36	PASS
n3	30	30	345000	1@0	CP_QPSK	1000 MHz-1675.00 MHz	1 MHz	1450.90	-63.26	-30	PASS
n3	30	30	345000	1@0	CP_QPSK	1775.00 MHz-3000 MHz	1 MHz	1776.02	-54.34	-30	PASS

						MHz					
n3	30	30	345000	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12214.56	-65.89	-30	PASS
n3	30	30	345000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2151.28	-72.19	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1816.40	-70.46	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	884.90	-74.50	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2633.65	-71.93	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	926.58	-74.44	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1478.04	-72.20	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	874.40	-74.53	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	875 MHz-890 MHz	1 MHz	875.57	-74.81	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	799.07	-74.88	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1510.12	-74.61	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.68	-71.95	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	885.11	-74.48	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	864.67	-74.54	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	789.37	-74.64	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.16	-75.04	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1452.04	-71.62	-50	PASS

n3	30	30	345000	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1919.50	-71.28	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2011.83	-71.42	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.70	-72.15	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1917.44	-71.25	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2386.00	-72.09	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2653.72	-71.89	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3600.00	-71.55	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3672.80	-73.67	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	703 MHz-803 MHz	1 MHz	795.00	-74.12	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1451.00	-67.07	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1451.04	-67.39	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.82	-72.73	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2126.65	-72.78	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	755.60	-74.95	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	779.10	-74.65	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2614.40	-72.16	-50	PASS

						MHz					
n3	30	30	345000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	462.93	-75.03	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	462.55	-75.26	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1516.62	-74.59	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1506.12	-74.60	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.01	-74.89	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-71.64	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3596.50	-71.63	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4999.40	-73.05	-50	PASS
n3	30	30	345000	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1912.80	-76.25	-41	PASS
n3	30	30	345000	1@77	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.09	-36	PASS
n3	30	30	345000	1@77	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-64.47	-36	PASS
n3	30	30	345000	1@77	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-70.88	-36	PASS
n3	30	30	345000	1@77	CP_QPSK	1000 MHz-1675.00 MHz	1 MHz	1478.58	-63.33	-30	PASS
n3	30	30	345000	1@77	CP_QPSK	1775.00 MHz-3000 MHz	1 MHz	1794.40	-48.90	-30	PASS
n3	30	30	345000	1@77	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12225.94	-65.83	-30	PASS
n3	30	30	345000	1@77	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2112.64	-72.08	-50	PASS

n3	30	30	345000	1@77	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1814.15	-70.33	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	869 MHz-894 MHz	1 MHz	886.08	-74.52	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2649.40	-72.19	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	925 MHz-960 MHz	1 MHz	939.21	-74.85	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1478.46	-74.58	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	860 MHz-875 MHz	1 MHz	863.29	-74.96	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	875 MHz-890 MHz	1 MHz	889.72	-74.50	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	791 MHz-821 MHz	1 MHz	810.59	-74.47	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1505.74	-72.17	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.56	-71.66	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	859 MHz-894 MHz	1 MHz	890.47	-74.48	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	852 MHz-869 MHz	1 MHz	853.14	-74.53	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	758 MHz-803 MHz	1 MHz	789.91	-74.59	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.68	-75.05	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1478.75	-67.07	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1916.28	-71.73	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2010.83	-70.78	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	2570	1	2618.65	-72.13	-50	PASS

						MHz-2620 MHz	MHz				
n3	30	30	345000	1@77	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1917.72	-71.70	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2388.80	-72.06	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2640.53	-71.84	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3597.20	-71.54	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3647.80	-73.67	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	703 MHz-803 MHz	1 MHz	790.50	-74.21	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1460.92	-72.45	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1478.84	-67.17	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.95	-73.15	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2152.03	-72.74	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	738 MHz-758 MHz	1 MHz	757.00	-75.20	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	753 MHz-783 MHz	1 MHz	781.29	-75.04	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.10	-72.54	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	461 MHz-466 MHz	1 MHz	461.59	-74.97	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	460 MHz-465 MHz	1 MHz	460.94	-75.04	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1478.87	-67.60	-50	PASS

						MHz					
n3	30	30	345000	1@77	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1478.92	-66.91	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.69	-73.09	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3596.10	-71.56	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3598.50	-71.59	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4971.20	-73.03	-50	PASS
n3	30	30	345000	1@77	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1915.23	-76.81	-41	PASS
n3	30	30	349500	78@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-61.29	-36	PASS
n3	30	30	349500	78@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.61	-36	PASS
n3	30	30	349500	78@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-70.61	-36	PASS
n3	30	30	349500	78@0	CP_QPSK	1000 MHz-1697.50 MHz	1 MHz	1618.68	-63.82	-30	PASS
n3	30	30	349500	78@0	CP_QPSK	1797.50 MHz-3000 MHz	1 MHz	2639.25	-61.21	-30	PASS
n3	30	30	349500	78@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12221.88	-65.84	-30	PASS
n3	30	30	349500	78@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2110.06	-71.79	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1852.70	-71.13	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	869 MHz-894 MHz	1 MHz	885.83	-74.44	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2643.38	-71.68	-50	PASS

n3	30	30	349500	78@0	CP_QPSK	925 MHz-960 MHz	1 MHz	931.27	-74.31	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1487.50	-71.48	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	860 MHz-875 MHz	1 MHz	866.62	-74.42	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	875 MHz-890 MHz	1 MHz	888.56	-74.43	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	791 MHz-821 MHz	1 MHz	809.36	-74.47	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1498.59	-71.71	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3587.60	-71.52	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	859 MHz-894 MHz	1 MHz	887.53	-74.43	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	852 MHz-869 MHz	1 MHz	862.86	-74.38	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	758 MHz-803 MHz	1 MHz	795.13	-74.50	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.72	-74.95	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1487.60	-71.58	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1917.74	-73.88	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2015.97	-73.49	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2611.35	-72.51	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1919.48	-71.60	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2387.70	-71.95	-50	PASS

						MHz					
n3	30	30	349500	78@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2655.66	-71.80	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3596.00	-71.38	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3660.60	-73.68	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	703 MHz-803 MHz	1 MHz	779.20	-74.16	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1464.32	-72.33	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1479.86	-71.59	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.92	-73.06	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2154.19	-72.63	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	738 MHz-758 MHz	1 MHz	756.40	-74.82	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	753 MHz-783 MHz	1 MHz	780.81	-74.58	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.65	-71.94	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.53	-74.92	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	460 MHz-465 MHz	1 MHz	464.07	-74.96	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1492.46	-71.57	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1475.61	-71.66	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.13	-73.09	-50	PASS

n3	30	30	349500	78@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.00	-71.59	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3598.50	-71.49	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4991.60	-73.01	-50	PASS
n3	30	30	349500	78@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1915.51	-76.75	-41	PASS
n3	30	30	349500	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.98	-36	PASS
n3	30	30	349500	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-65.34	-36	PASS
n3	30	30	349500	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	755.37	-70.90	-36	PASS
n3	30	30	349500	1@0	CP_QPSK	1000 MHz-1697.50 MHz	1 MHz	1696.11	-58.02	-30	PASS
n3	30	30	349500	1@0	CP_QPSK	1797.50 MHz-3000 MHz	1 MHz	2639.25	-61.14	-30	PASS
n3	30	30	349500	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12248.69	-65.77	-30	PASS
n3	30	30	349500	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2120.92	-72.08	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1848.43	-71.45	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	890.43	-74.46	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2651.29	-71.89	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	934.28	-74.37	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1475.92	-72.43	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	860 MHz-875	1	862.34	-74.44	-50	PASS

n3	30	30	349500	1@0	CP_QPSK	875 MHz-890 MHz	1 MHz	881.98	-74.50	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	813.89	-74.54	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1500.76	-72.26	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3585.04	-71.93	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	881.86	-74.94	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	854.41	-74.94	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	786.76	-74.61	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.77	-75.03	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1473.43	-67.53	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1919.86	-71.54	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2010.54	-70.88	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.30	-72.06	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1916.00	-71.66	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2374.20	-72.10	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2644.60	-71.89	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3600.00	-71.44	-50	PASS

n3	30	30	349500	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3641.40	-73.65	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	703 MHz-803 MHz	1 MHz	777.60	-74.16	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1467.00	-71.81	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1473.57	-67.18	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.73	-73.16	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2126.20	-72.79	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	749.90	-74.90	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	776.85	-74.63	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.10	-72.13	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	464.28	-75.01	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	462.04	-75.01	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1500.71	-72.30	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1459.54	-73.89	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.42	-74.84	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3594.30	-71.82	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.50	-71.75	-50	PASS
n3	30	30	349500	1@0	CP_QPSK	4400	1	5000.00	-72.96	-50	PASS

						MHz-5000 MHz	MHz				
n3	30	30	349500	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1914.76	-76.76	-41	PASS
n3	30	30	349500	1@77	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-61.14	-36	PASS
n3	30	30	349500	1@77	CP_QPSK	150 kHz-30 MHz	10 kHz	0.19	-66.61	-36	PASS
n3	30	30	349500	1@77	CP_QPSK	30 MHz-1000 MHz	100 kHz	930.84	-71.40	-36	PASS
n3	30	30	349500	1@77	CP_QPSK	1000 MHz-1697.50 MHz	1 MHz	1697.50	-57.64	-30	PASS
n3	30	30	349500	1@77	CP_QPSK	1797.50 MHz-3000 MHz	1 MHz	2999.00	-61.09	-30	PASS
n3	30	30	349500	1@77	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12228.38	-65.83	-30	PASS
n3	30	30	349500	1@77	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2110.06	-71.39	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1842.05	-66.57	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	869 MHz-894 MHz	1 MHz	890.80	-74.32	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2650.59	-71.72	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	925 MHz-960 MHz	1 MHz	926.05	-74.26	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1478.28	-74.57	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	860 MHz-875 MHz	1 MHz	871.87	-74.95	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	875 MHz-890 MHz	1 MHz	880.27	-74.88	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	791 MHz-821 MHz	1 MHz	814.82	-74.41	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1501.29	-66.15	-50	PASS

						MHz					
n3	30	30	349500	1@77	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.76	-71.50	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	859 MHz-894 MHz	1 MHz	883.22	-74.32	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	852 MHz-869 MHz	1 MHz	865.01	-74.38	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	758 MHz-803 MHz	1 MHz	792.97	-74.48	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.79	-74.85	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1495.65	-70.13	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1917.96	-71.54	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2021.30	-63.91	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2611.85	-71.98	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1918.44	-71.65	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2375.00	-71.80	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2638.98	-71.78	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3597.80	-71.38	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3662.00	-73.61	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	703 MHz-803 MHz	1 MHz	802.70	-74.06	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1461.72	-72.37	-50	PASS

						MHz					
n3	30	30	349500	1@77	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1501.36	-66.38	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.76	-73.11	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2122.87	-72.48	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	738 MHz-758 MHz	1 MHz	757.24	-74.71	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	753 MHz-783 MHz	1 MHz	774.75	-74.71	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2615.10	-72.53	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	461 MHz-466 MHz	1 MHz	463.88	-75.37	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	460 MHz-465 MHz	1 MHz	463.09	-75.36	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1501.19	-66.30	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1501.45	-66.52	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.95	-73.09	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3594.30	-71.39	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.50	-71.25	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4971.20	-72.98	-50	PASS
n3	30	30	349500	1@77	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1907.15	-76.74	-41	PASS
n3	30	30	354000	78@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-61.36	-36	PASS

n3	30	30	354000	78@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-65.68	-36	PASS
n3	30	30	354000	78@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	782.82	-70.75	-36	PASS
n3	30	30	354000	78@0	CP_QPSK	1000 MHz-1720.00 MHz	1 MHz	1606.24	-63.69	-30	PASS
n3	30	30	354000	78@0	CP_QPSK	1820.00 MHz-3000 MHz	1 MHz	2995.08	-61.48	-30	PASS
n3	30	30	354000	78@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12226.75	-65.62	-30	PASS
n3	30	30	354000	78@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2117.86	-70.94	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1805.08	-59.79	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	869 MHz-894 MHz	1 MHz	884.33	-74.05	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2632.25	-71.43	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	925 MHz-960 MHz	1 MHz	938.65	-73.94	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1495.62	-71.27	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	860 MHz-875 MHz	1 MHz	866.44	-74.10	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	875 MHz-890 MHz	1 MHz	886.24	-74.02	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	791 MHz-821 MHz	1 MHz	813.20	-74.19	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1505.77	-70.74	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3590.00	-71.25	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	859 MHz-894 MHz	1 MHz	878.18	-74.11	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	852 MHz-869 MHz	1 MHz	862.35	-74.12	-50	PASS

						MHz	MHz				
n3	30	30	354000	78@0	CP_QPSK	758 MHz-803 MHz	1 MHz	798.23	-74.25	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	467.35	-74.57	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1475.06	-72.59	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1913.56	-73.66	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2013.29	-73.34	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2616.60	-72.34	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1880.16	-71.03	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2379.90	-71.52	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2648.10	-71.48	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3597.00	-71.27	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3646.00	-73.49	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	703 MHz-803 MHz	1 MHz	789.10	-73.88	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1465.34	-72.07	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1508.33	-70.75	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.03	-72.88	-50	PASS

n3	30	30	354000	78@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2119.45	-72.12	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	738 MHz-758 MHz	1 MHz	750.50	-74.55	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	753 MHz-783 MHz	1 MHz	780.51	-74.28	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.05	-71.72	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	461 MHz-466 MHz	1 MHz	464.29	-74.65	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	460 MHz-465 MHz	1 MHz	464.31	-74.59	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1507.34	-70.80	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1504.25	-70.78	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.69	-72.86	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3595.20	-71.26	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3597.50	-71.17	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4995.20	-72.82	-50	PASS
n3	30	30	354000	78@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1885.50	-76.23	-41	PASS
n3	30	30	354000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-61.74	-36	PASS
n3	30	30	354000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.86	-36	PASS
n3	30	30	354000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-69.63	-36	PASS
n3	30	30	354000	1@0	CP_QPSK	1000 MHz-1720.00 MHz	1 MHz	1700.56	-52.49	-30	PASS

n3	30	30	354000	1@0	CP_QPSK	1820.00 MHz-3000 MHz	1 MHz	2999.02	-61.45	-30	PASS
n3	30	30	354000	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12222.69	-65.66	-30	PASS
n3	30	30	354000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2119.48	-71.47	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1829.08	-67.58	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	873.40	-74.23	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2651.50	-71.55	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	951.01	-73.79	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1495.88	-66.84	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	873.76	-74.21	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	875 MHz-890 MHz	1 MHz	882.23	-74.20	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	814.37	-74.28	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1496.19	-65.82	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.08	-71.74	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	869.92	-74.77	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	868.59	-74.77	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	799.31	-74.32	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.00	-74.75	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	1452	1	1496.00	-66.51	-50	PASS

						MHz-1496 MHz	MHz				
n3	30	30	354000	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1917.82	-71.44	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2016.09	-63.75	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2606.55	-71.88	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1917.72	-71.51	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2377.60	-71.72	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2651.39	-71.58	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3600.00	-71.24	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3647.20	-73.48	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	703 MHz-803 MHz	1 MHz	799.10	-73.91	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1456.06	-72.30	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1496.35	-66.64	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.45	-72.99	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2119.09	-72.35	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	754.22	-74.64	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	779.46	-74.41	-50	PASS

n3	30	30	354000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.25	-71.91	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.73	-74.74	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	460.07	-74.75	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1496.07	-65.87	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1459.46	-73.70	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.50	-74.68	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.90	-71.63	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3598.50	-71.29	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4972.40	-72.84	-50	PASS
n3	30	30	354000	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1903.16	-76.57	-41	PASS
n3	30	30	354000	1@77	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-61.49	-36	PASS
n3	30	30	354000	1@77	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-65.91	-36	PASS
n3	30	30	354000	1@77	CP_QPSK	30 MHz-1000 MHz	100 kHz	848.29	-71.27	-36	PASS
n3	30	30	354000	1@77	CP_QPSK	1000 MHz-1720.00 MHz	1 MHz	1720.00	-55.65	-30	PASS
n3	30	30	354000	1@77	CP_QPSK	1820.00 MHz-3000 MHz	1 MHz	2044.20	-61.13	-30	PASS
n3	30	30	354000	1@77	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12301.50	-65.64	-30	PASS
n3	30	30	354000	1@77	CP_QPSK	2110	1	2116.24	-70.59	-50	PASS

						MHz-2170 MHz	MHz				
n3	30	30	354000	1@77	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1848.95	-67.29	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	869 MHz-894 MHz	1 MHz	875.18	-73.95	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2643.87	-71.34	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	925 MHz-960 MHz	1 MHz	932.28	-74.67	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1493.98	-74.38	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	860 MHz-875 MHz	1 MHz	862.00	-74.75	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	875 MHz-890 MHz	1 MHz	880.22	-73.95	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	791 MHz-821 MHz	1 MHz	792.08	-74.15	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1505.55	-71.06	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3587.44	-71.25	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	859 MHz-894 MHz	1 MHz	876.64	-73.95	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	852 MHz-869 MHz	1 MHz	866.57	-74.02	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	758 MHz-803 MHz	1 MHz	800.66	-74.19	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	467.07	-74.52	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1494.59	-71.66	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1906.52	-70.85	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2016.60	-68.87	-50	PASS

						MHz					
n3	30	30	354000	1@77	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2616.45	-71.66	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1898.40	-61.08	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2383.70	-71.44	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2654.89	-71.43	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3595.40	-71.13	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3652.00	-73.49	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	703 MHz-803 MHz	1 MHz	797.80	-73.71	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1462.02	-71.98	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1517.00	-70.68	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.86	-72.84	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2115.67	-72.01	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	738 MHz-758 MHz	1 MHz	745.50	-74.72	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	753 MHz-783 MHz	1 MHz	780.51	-74.78	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.75	-72.33	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	461 MHz-466 MHz	1 MHz	464.08	-75.25	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	460 MHz-465 MHz	1 MHz	462.32	-74.44	-50	PASS

n3	30	30	354000	1@77	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1518.00	-69.17	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1517.00	-70.70	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.97	-72.87	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.90	-71.17	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3592.00	-71.23	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4991.60	-72.80	-50	PASS
n3	30	30	354000	1@77	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1898.38	-63.86	-41	PASS
n38	30	10	515000	24@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-40.57	-36	PASS
n38	30	10	515000	24@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-43.98	-36	PASS
n38	30	10	515000	24@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	800.57	-50.23	-36	PASS
n38	30	10	515000	24@0	CP_QPSK	1000 MHz-2555.00 MHz	1 MHz	2509.91	-40.22	-30	PASS
n38	30	10	515000	24@0	CP_QPSK	2595.00 MHz-3000 MHz	1 MHz	2648.33	-40.85	-30	PASS
n38	30	10	515000	24@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12219.44	-54.76	-30	PASS
n38	30	10	515000	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2130.52	-59.24	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1986.82	-59.44	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1871.68	-60.04	-50	PASS

						MHz					
n38	30	10	515000	24@0	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2136.01	-59.25	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	869 MHz-894 MHz	1 MHz	871.23	-60.85	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	925 MHz-960 MHz	1 MHz	933.61	-60.82	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2134.30	-59.29	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	729 MHz-746 MHz	1 MHz	744.88	-61.26	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	746 MHz-756 MHz	1 MHz	754.82	-61.12	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	758 MHz-768 MHz	1 MHz	763.37	-61.04	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	734 MHz-746 MHz	1 MHz	744.56	-61.30	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	791 MHz-821 MHz	1 MHz	799.67	-60.86	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.88	-57.79	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	852 MHz-869 MHz	1 MHz	866.31	-60.90	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	758 MHz-803 MHz	1 MHz	801.61	-60.88	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	717 MHz-728 MHz	1 MHz	723.61	-61.53	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2356.27	-58.89	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.62	-61.40	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1476.38	-60.56	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1918.48	-59.80	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2020.59	-59.47	-50	PASS

						MHz					
n38	30	10	515000	24@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2348.10	-58.60	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3595.60	-57.61	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3661.20	-59.61	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1509.78	-60.42	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.20	-60.75	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2163.28	-59.26	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2117.38	-59.30	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.70	-61.23	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	753 MHz-783 MHz	1 MHz	781.53	-60.99	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	461 MHz-466 MHz	1 MHz	462.41	-61.42	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1512.75	-60.53	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1509.01	-60.50	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.99	-60.73	-50	PASS
n38	30	10	515000	24@0	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2641.63	-51.48	-15.5	PASS
n38	30	10	515000	24@0	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2645.23	-51.51	1.6	PASS
n38	30	10	515000	1@0	CP_QPSK	9 kHz-150	1	0.01	-39.82	-36	PASS

						kHz	kHz				
n38	30	10	515000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-45.84	-36	PASS
n38	30	10	515000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	809.59	-50.66	-36	PASS
n38	30	10	515000	1@0	CP_QPSK	1000 MHz-2555.00 MHz	1 MHz	2522.35	-40.22	-30	PASS
n38	30	10	515000	1@0	CP_QPSK	2595.00 MHz-3000 MHz	1 MHz	2996.29	-40.84	-30	PASS
n38	30	10	515000	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12269.00	-54.78	-30	PASS
n38	30	10	515000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2125.60	-59.24	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1988.80	-59.45	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1875.73	-60.07	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2125.75	-59.29	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	879.78	-60.90	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	927.21	-60.84	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2127.34	-59.28	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	729 MHz-746 MHz	1 MHz	741.94	-61.38	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	746 MHz-756 MHz	1 MHz	754.91	-61.23	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	758 MHz-768 MHz	1 MHz	765.67	-61.01	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	734 MHz-746 MHz	1 MHz	745.68	-61.29	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	810.44	-60.87	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	3510	1	3585.76	-57.83	-50	PASS

						MHz-3590 MHz	MHz				
n38	30	10	515000	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	861.89	-60.92	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	801.34	-60.80	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	717 MHz-728 MHz	1 MHz	727.66	-61.49	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2359.15	-58.89	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.79	-61.39	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1476.73	-60.51	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1906.90	-59.79	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2010.23	-59.41	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2382.20	-58.53	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.80	-57.65	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3639.80	-59.60	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1494.99	-60.49	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.52	-60.74	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2175.25	-59.31	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2139.79	-59.32	-50	PASS

n38	30	10	515000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	756.22	-61.22	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	779.34	-60.91	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	461.82	-61.34	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1480.42	-60.46	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1485.38	-60.52	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.86	-60.76	-50	PASS
n38	30	10	515000	1@0	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2644.98	-51.56	-15.5	PASS
n38	30	10	515000	1@0	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2650.76	-51.53	1.6	PASS
n38	30	10	515000	1@23	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-39.47	-36	PASS
n38	30	10	515000	1@23	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-43.91	-36	PASS
n38	30	10	515000	1@23	CP_QPSK	30 MHz-1000 MHz	100 kHz	792.71	-50.19	-36	PASS
n38	30	10	515000	1@23	CP_QPSK	1000 MHz-2555.00 MHz	1 MHz	2519.24	-40.28	-30	PASS
n38	30	10	515000	1@23	CP_QPSK	2595.00 MHz-3000 MHz	1 MHz	2998.99	-40.79	-30	PASS
n38	30	10	515000	1@23	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12224.31	-54.70	-30	PASS
n38	30	10	515000	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2138.50	-59.28	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1990.00	-59.51	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1877.15	-60.01	-50	PASS

						MHz					
n38	30	10	515000	1@23	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2124.09	-59.27	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	869 MHz-894 MHz	1 MHz	878.15	-60.92	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	925 MHz-960 MHz	1 MHz	925.35	-60.86	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2149.24	-59.31	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	729 MHz-746 MHz	1 MHz	743.18	-61.32	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	746 MHz-756 MHz	1 MHz	755.66	-61.15	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	758 MHz-768 MHz	1 MHz	767.26	-61.11	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	734 MHz-746 MHz	1 MHz	744.09	-61.38	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	791 MHz-821 MHz	1 MHz	813.65	-60.90	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.28	-57.87	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	852 MHz-869 MHz	1 MHz	860.57	-60.94	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	758 MHz-803 MHz	1 MHz	800.75	-60.91	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	717 MHz-728 MHz	1 MHz	724.68	-61.56	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2356.57	-58.94	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.68	-61.42	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1492.61	-60.54	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1903.82	-59.82	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2015.69	-59.47	-50	PASS

						MHz					
n38	30	10	515000	1@23	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2376.90	-58.61	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3594.80	-57.67	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3624.40	-59.67	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1492.86	-60.54	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.19	-60.77	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2143.03	-59.27	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2136.55	-59.27	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	738 MHz-758 MHz	1 MHz	757.36	-61.19	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	753 MHz-783 MHz	1 MHz	779.43	-60.92	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	461 MHz-466 MHz	1 MHz	462.86	-61.38	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1492.16	-60.50	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1517.00	-60.55	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.31	-60.79	-50	PASS
n38	30	10	515000	1@23	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2643.48	-51.48	-15.5	PASS
n38	30	10	515000	1@23	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2645.86	-51.56	1.6	PASS
n38	30	10	519000	24@0	CP_QPSK	9 kHz-150	1	0.01	-39.52	-36	PASS

						kHz	kHz				
n38	30	10	519000	24@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.18	-44.91	-36	PASS
n38	30	10	519000	24@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	939.18	-49.71	-36	PASS
n38	30	10	519000	24@0	CP_QPSK	1000 MHz-2575.00 MHz	1 MHz	2518.30	-40.27	-30	PASS
n38	30	10	519000	24@0	CP_QPSK	2615.00 MHz-3000 MHz	1 MHz	2652.54	-40.85	-30	PASS
n38	30	10	519000	24@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12250.31	-54.68	-30	PASS
n38	30	10	519000	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2131.78	-59.26	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1982.92	-59.51	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1875.35	-59.99	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2129.44	-59.20	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	869 MHz-894 MHz	1 MHz	889.05	-60.89	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	925 MHz-960 MHz	1 MHz	929.52	-60.87	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2166.04	-59.29	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	729 MHz-746 MHz	1 MHz	739.71	-61.36	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	746 MHz-756 MHz	1 MHz	755.67	-61.08	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	758 MHz-768 MHz	1 MHz	766.65	-61.05	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	734 MHz-746 MHz	1 MHz	741.97	-61.36	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	791 MHz-821 MHz	1 MHz	794.30	-60.88	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	3510	1	3589.04	-57.83	-50	PASS

						MHz-3590 MHz	MHz				
n38	30	10	519000	24@0	CP_QPSK	852 MHz-869 MHz	1 MHz	868.83	-60.93	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	758 MHz-803 MHz	1 MHz	798.05	-60.90	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	717 MHz-728 MHz	1 MHz	727.30	-61.54	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2359.68	-58.91	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.72	-61.36	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1495.69	-60.50	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1910.64	-59.86	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2021.31	-59.44	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2385.50	-58.56	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.80	-57.59	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3644.20	-59.65	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1501.36	-60.50	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.72	-60.79	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2130.34	-59.32	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2118.01	-59.25	-50	PASS

n38	30	10	519000	24@0	CP_QPSK	738 MHz-758 MHz	1 MHz	753.96	-61.16	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	753 MHz-783 MHz	1 MHz	781.32	-60.87	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	461 MHz-466 MHz	1 MHz	465.56	-61.38	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1513.49	-60.51	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1496.18	-60.53	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.11	-60.75	-50	PASS
n38	30	10	519000	24@0	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2639.15	-51.63	-15.5	PASS
n38	30	10	519000	24@0	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2645.27	-51.53	1.6	PASS
n38	30	10	519000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-39.94	-36	PASS
n38	30	10	519000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.18	-46.62	-36	PASS
n38	30	10	519000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-50.36	-36	PASS
n38	30	10	519000	1@0	CP_QPSK	1000 MHz-2575.00 MHz	1 MHz	2523.03	-40.24	-30	PASS
n38	30	10	519000	1@0	CP_QPSK	2615.00 MHz-3000 MHz	1 MHz	2998.72	-40.85	-30	PASS
n38	30	10	519000	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12219.44	-54.72	-30	PASS
n38	30	10	519000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2139.52	-59.25	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1989.88	-59.48	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1869.80	-60.04	-50	PASS

						MHz					
n38	30	10	519000	1@0	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2114.23	-59.32	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	885.18	-60.87	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	937.71	-60.81	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2124.82	-59.28	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	729 MHz-746 MHz	1 MHz	736.63	-61.35	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	746 MHz-756 MHz	1 MHz	755.15	-61.17	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	758 MHz-768 MHz	1 MHz	764.97	-61.09	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	734 MHz-746 MHz	1 MHz	743.59	-61.38	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	801.68	-60.88	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.72	-57.86	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	861.86	-60.85	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	796.12	-60.89	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	717 MHz-728 MHz	1 MHz	719.98	-61.49	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2359.84	-58.88	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.65	-61.42	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1484.60	-60.53	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1917.62	-59.84	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2011.61	-59.43	-50	PASS

						MHz					
n38	30	10	519000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2378.60	-58.50	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3593.40	-57.66	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3648.40	-59.63	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1500.26	-60.54	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.07	-60.80	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2152.12	-59.29	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2128.27	-59.19	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	754.34	-61.23	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	782.70	-60.94	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	462.83	-61.43	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1505.87	-60.51	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1494.22	-60.50	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.07	-60.82	-50	PASS
n38	30	10	519000	1@0	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2641.23	-51.49	-15.5	PASS
n38	30	10	519000	1@0	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2645.86	-51.62	1.6	PASS
n38	30	10	519000	1@23	CP_QPSK	9 kHz-150	1	0.01	-39.62	-36	PASS

						kHz	kHz				
n38	30	10	519000	1@23	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-44.96	-36	PASS
n38	30	10	519000	1@23	CP_QPSK	30 MHz-1000 MHz	100 kHz	851.30	-50.56	-36	PASS
n38	30	10	519000	1@23	CP_QPSK	1000 MHz-2575.00 MHz	1 MHz	2526.18	-40.32	-30	PASS
n38	30	10	519000	1@23	CP_QPSK	2615.00 MHz-3000 MHz	1 MHz	2999.04	-40.75	-30	PASS
n38	30	10	519000	1@23	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12238.13	-54.77	-30	PASS
n38	30	10	519000	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2135.02	-59.27	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1980.52	-59.50	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1877.45	-60.04	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2139.12	-59.25	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	869 MHz-894 MHz	1 MHz	888.53	-60.79	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	925 MHz-960 MHz	1 MHz	932.70	-60.85	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2129.32	-59.26	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	729 MHz-746 MHz	1 MHz	742.97	-61.31	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	746 MHz-756 MHz	1 MHz	750.98	-61.21	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	758 MHz-768 MHz	1 MHz	766.98	-61.07	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	734 MHz-746 MHz	1 MHz	744.32	-61.31	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	791 MHz-821 MHz	1 MHz	803.39	-60.92	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	3510	1	3590.00	-57.76	-50	PASS

						MHz-3590 MHz	MHz				
n38	30	10	519000	1@23	CP_QPSK	852 MHz-869 MHz	1 MHz	868.68	-60.92	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	758 MHz-803 MHz	1 MHz	783.25	-60.93	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	717 MHz-728 MHz	1 MHz	722.83	-61.50	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2357.89	-58.91	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.21	-61.37	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1479.41	-60.45	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1908.80	-59.81	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2023.58	-59.46	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2381.10	-58.55	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.40	-57.69	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3645.40	-59.70	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1514.54	-60.49	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.83	-60.78	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2128.72	-59.28	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2161.93	-59.31	-50	PASS

n38	30	10	519000	1@23	CP_QPSK	738 MHz-758 MHz	1 MHz	757.18	-61.16	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	753 MHz-783 MHz	1 MHz	777.12	-60.94	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	461 MHz-466 MHz	1 MHz	464.31	-61.35	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1483.08	-60.44	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1514.03	-60.50	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.83	-60.74	-50	PASS
n38	30	10	519000	1@23	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2630.70	-51.60	-15.5	PASS
n38	30	10	519000	1@23	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2647.07	-51.62	1.6	PASS
n38	30	10	523000	24@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-39.91	-36	PASS
n38	30	10	523000	24@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-46.35	-36	PASS
n38	30	10	523000	24@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-50.14	-36	PASS
n38	30	10	523000	24@0	CP_QPSK	1000 MHz-2595.00 MHz	1 MHz	2516.85	-40.31	-30	PASS
n38	30	10	523000	24@0	CP_QPSK	2635.00 MHz-3000 MHz	1 MHz	2635.61	-40.77	-30	PASS
n38	30	10	523000	24@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12230.00	-54.65	-30	PASS
n38	30	10	523000	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2130.10	-59.26	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1987.00	-59.48	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1877.30	-60.03	-50	PASS

						MHz					
n38	30	10	523000	24@0	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2123.95	-59.27	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	869 MHz-894 MHz	1 MHz	887.35	-60.87	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	925 MHz-960 MHz	1 MHz	926.30	-60.73	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2116.90	-59.31	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	729 MHz-746 MHz	1 MHz	736.99	-61.29	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	746 MHz-756 MHz	1 MHz	755.18	-61.15	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	758 MHz-768 MHz	1 MHz	767.48	-61.06	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	734 MHz-746 MHz	1 MHz	743.68	-61.32	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	791 MHz-821 MHz	1 MHz	801.98	-60.88	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3587.36	-57.72	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	852 MHz-869 MHz	1 MHz	863.92	-60.88	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	758 MHz-803 MHz	1 MHz	795.76	-60.85	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	717 MHz-728 MHz	1 MHz	723.90	-61.51	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2354.33	-58.92	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	466.74	-61.35	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1486.28	-60.50	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1917.40	-59.73	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2020.28	-59.46	-50	PASS

						MHz					
n38	30	10	523000	24@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2380.10	-58.59	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.40	-57.64	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3661.40	-59.64	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1497.54	-60.47	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.75	-60.76	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2118.82	-59.25	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2165.17	-59.28	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.10	-61.22	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	753 MHz-783 MHz	1 MHz	782.43	-60.93	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.16	-61.36	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1486.65	-60.46	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1490.74	-60.48	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.46	-60.74	-50	PASS
n38	30	10	523000	24@0	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2644.40	-51.59	-15.5	PASS
n38	30	10	523000	24@0	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2645.18	-51.14	1.6	PASS
n38	30	10	523000	1@0	CP_QPSK	9 kHz-150	1	0.01	-39.38	-36	PASS

						kHz	kHz				
n38	30	10	523000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-45.89	-36	PASS
n38	30	10	523000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	766.62	-50.21	-36	PASS
n38	30	10	523000	1@0	CP_QPSK	1000 MHz-2595.00 MHz	1 MHz	2520.04	-40.28	-30	PASS
n38	30	10	523000	1@0	CP_QPSK	2635.00 MHz-3000 MHz	1 MHz	2999.09	-40.79	-30	PASS
n38	30	10	523000	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12274.69	-54.81	-30	PASS
n38	30	10	523000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2154.46	-59.23	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1987.60	-59.49	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1876.10	-59.94	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2128.59	-59.24	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	893.55	-60.84	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	926.61	-60.83	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2113.12	-59.25	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	729 MHz-746 MHz	1 MHz	744.93	-61.30	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	746 MHz-756 MHz	1 MHz	747.80	-61.23	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	758 MHz-768 MHz	1 MHz	764.49	-61.04	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	734 MHz-746 MHz	1 MHz	744.39	-61.30	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	810.38	-60.84	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	3510	1	3587.76	-57.78	-50	PASS

						MHz-3590 MHz	MHz				
n38	30	10	523000	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	853.51	-60.87	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	794.59	-60.90	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	717 MHz-728 MHz	1 MHz	727.76	-61.52	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2355.53	-58.90	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.10	-61.33	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1488.43	-60.53	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1917.54	-59.81	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2010.86	-59.47	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2374.00	-58.51	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3592.80	-57.57	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3668.20	-59.65	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1487.85	-60.53	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.33	-60.74	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2147.08	-59.30	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2156.44	-59.22	-50	PASS

n38	30	10	523000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.60	-61.14	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	777.00	-60.90	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.04	-61.36	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1490.52	-60.49	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1499.24	-60.47	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.97	-60.74	-50	PASS
n38	30	10	523000	1@0	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2627.48	-45.04	-15.5	PASS
n38	30	10	523000	1@0	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2645.32	-51.34	1.6	PASS
n38	30	10	523000	1@23	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-40.43	-36	PASS
n38	30	10	523000	1@23	CP_QPSK	150 kHz-30 MHz	10 kHz	0.18	-45.37	-36	PASS
n38	30	10	523000	1@23	CP_QPSK	30 MHz-1000 MHz	100 kHz	851.20	-50.38	-36	PASS
n38	30	10	523000	1@23	CP_QPSK	1000 MHz-2595.00 MHz	1 MHz	2524.82	-40.28	-30	PASS
n38	30	10	523000	1@23	CP_QPSK	2635.00 MHz-3000 MHz	1 MHz	2996.65	-40.84	-30	PASS
n38	30	10	523000	1@23	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12234.88	-54.75	-30	PASS
n38	30	10	523000	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2143.00	-59.26	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1988.98	-59.45	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1873.85	-60.00	-50	PASS

						MHz					
n38	30	10	523000	1@23	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2137.68	-59.27	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	869 MHz-894 MHz	1 MHz	892.68	-60.85	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	925 MHz-960 MHz	1 MHz	926.05	-60.86	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2126.44	-59.27	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	729 MHz-746 MHz	1 MHz	740.83	-61.33	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	746 MHz-756 MHz	1 MHz	752.67	-61.22	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	758 MHz-768 MHz	1 MHz	764.13	-61.04	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	734 MHz-746 MHz	1 MHz	745.16	-61.27	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	791 MHz-821 MHz	1 MHz	807.89	-60.83	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3587.04	-57.80	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	852 MHz-869 MHz	1 MHz	857.02	-60.89	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	758 MHz-803 MHz	1 MHz	793.91	-60.87	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	717 MHz-728 MHz	1 MHz	727.56	-61.44	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2358.80	-58.83	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.08	-61.34	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1491.16	-60.51	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1918.78	-59.75	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2011.14	-59.36	-50	PASS

						MHz					
n38	30	10	523000	1@23	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2379.50	-58.52	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3597.40	-57.60	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3648.00	-59.59	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1498.56	-60.49	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.84	-60.75	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2130.25	-59.23	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2125.03	-59.29	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	738 MHz-758 MHz	1 MHz	754.44	-61.17	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	753 MHz-783 MHz	1 MHz	780.15	-60.89	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	461 MHz-466 MHz	1 MHz	464.68	-61.33	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1484.03	-60.44	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1507.23	-60.48	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.77	-60.73	-50	PASS
n38	30	10	523000	1@23	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2620.10	-29.88	-15.5	PASS
n38	30	10	523000	1@23	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2650.81	-51.37	1.6	PASS
n38	30	15	515500	38@0	CP_QPSK	9 kHz-150	1	0.01	-41.44	-36	PASS

						kHz	kHz				
n38	30	15	515500	38@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-44.69	-36	PASS
n38	30	15	515500	38@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	932.10	-50.18	-36	PASS
n38	30	15	515500	38@0	CP_QPSK	1000 MHz-2550.00 MHz	1 MHz	2519.00	-40.21	-30	PASS
n38	30	15	515500	38@0	CP_QPSK	2605.00 MHz-3000 MHz	1 MHz	2605.33	-40.56	-30	PASS
n38	30	15	515500	38@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12239.75	-54.73	-30	PASS
n38	30	15	515500	38@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2141.62	-59.26	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1989.58	-59.41	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1878.73	-60.05	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2121.97	-59.30	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	869 MHz-894 MHz	1 MHz	873.48	-60.90	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	925 MHz-960 MHz	1 MHz	928.85	-60.86	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2121.10	-59.29	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	729 MHz-746 MHz	1 MHz	744.90	-61.34	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	746 MHz-756 MHz	1 MHz	752.48	-61.23	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	758 MHz-768 MHz	1 MHz	766.82	-61.06	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	734 MHz-746 MHz	1 MHz	745.05	-61.29	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	791 MHz-821 MHz	1 MHz	814.97	-60.90	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	3510	1	3589.52	-57.74	-50	PASS

						MHz-3590 MHz	MHz				
n38	30	15	515500	38@0	CP_QPSK	852 MHz-869 MHz	1 MHz	865.52	-60.90	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	758 MHz-803 MHz	1 MHz	798.05	-60.85	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	717 MHz-728 MHz	1 MHz	726.69	-61.50	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2358.44	-58.94	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.69	-61.33	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1490.50	-60.56	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1919.48	-59.82	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2010.96	-59.45	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2391.50	-58.52	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3595.80	-57.62	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3643.00	-59.68	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1504.93	-60.56	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.18	-60.80	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2151.31	-59.28	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2136.10	-59.26	-50	PASS

n38	30	15	515500	38@0	CP_QPSK	738 MHz-758 MHz	1 MHz	756.66	-61.22	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	753 MHz-783 MHz	1 MHz	778.44	-60.96	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.55	-61.42	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1512.32	-60.46	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1489.63	-60.52	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.32	-60.79	-50	PASS
n38	30	15	515500	38@0	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2637.10	-51.62	-15.5	PASS
n38	30	15	515500	38@0	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2646.31	-51.50	1.6	PASS
n38	30	15	515500	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-40.23	-36	PASS
n38	30	15	515500	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-42.39	-36	PASS
n38	30	15	515500	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	928.51	-50.38	-36	PASS
n38	30	15	515500	1@0	CP_QPSK	1000 MHz-2550.00 MHz	1 MHz	2522.10	-40.22	-30	PASS
n38	30	15	515500	1@0	CP_QPSK	2605.00 MHz-3000 MHz	1 MHz	2996.71	-40.87	-30	PASS
n38	30	15	515500	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12261.69	-54.82	-30	PASS
n38	30	15	515500	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2137.48	-59.27	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1976.98	-59.52	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1878.88	-60.00	-50	PASS

						MHz					
n38	30	15	515500	1@0	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2129.13	-59.30	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	888.63	-60.88	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	925.04	-60.81	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2149.66	-59.26	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	729 MHz-746 MHz	1 MHz	743.57	-61.22	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	746 MHz-756 MHz	1 MHz	748.45	-61.22	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	758 MHz-768 MHz	1 MHz	766.72	-60.98	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	734 MHz-746 MHz	1 MHz	741.58	-61.34	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	804.02	-60.86	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3586.64	-57.84	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	862.37	-60.89	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	801.52	-60.92	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	717 MHz-728 MHz	1 MHz	727.24	-61.51	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2356.46	-58.90	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.68	-61.38	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1481.48	-60.56	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1911.32	-59.84	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2021.15	-59.45	-50	PASS

						MHz					
n38	30	15	515500	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2369.10	-58.54	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3596.80	-57.65	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3622.60	-59.65	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1490.14	-60.47	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.85	-60.73	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2130.52	-59.24	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2125.30	-59.26	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	756.48	-61.25	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	779.79	-60.93	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	461.41	-61.37	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1508.93	-60.48	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1484.45	-60.53	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.17	-60.75	-50	PASS
n38	30	15	515500	1@0	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2642.40	-51.51	-15.5	PASS
n38	30	15	515500	1@0	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2646.76	-51.55	1.6	PASS
n38	30	15	515500	1@37	CP_QPSK	9 kHz-150	1	0.01	-40.12	-36	PASS

						kHz	kHz				
n38	30	15	515500	1@37	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-44.55	-36	PASS
n38	30	15	515500	1@37	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-49.29	-36	PASS
n38	30	15	515500	1@37	CP_QPSK	1000 MHz-2550.00 MHz	1 MHz	2498.85	-40.26	-30	PASS
n38	30	15	515500	1@37	CP_QPSK	2605.00 MHz-3000 MHz	1 MHz	2995.72	-40.76	-30	PASS
n38	30	15	515500	1@37	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12247.06	-54.67	-30	PASS
n38	30	15	515500	1@37	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2116.48	-59.27	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1989.58	-59.45	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1875.80	-60.06	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2138.80	-59.21	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	869 MHz-894 MHz	1 MHz	893.13	-60.86	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	925 MHz-960 MHz	1 MHz	928.01	-60.79	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2127.82	-59.26	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	729 MHz-746 MHz	1 MHz	741.94	-61.31	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	746 MHz-756 MHz	1 MHz	754.04	-61.18	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	758 MHz-768 MHz	1 MHz	758.50	-61.08	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	734 MHz-746 MHz	1 MHz	745.30	-61.23	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	791 MHz-821 MHz	1 MHz	818.57	-60.82	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	3510	1	3587.12	-57.81	-50	PASS

						MHz-3590 MHz	MHz				
n38	30	15	515500	1@37	CP_QPSK	852 MHz-869 MHz	1 MHz	857.46	-60.89	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	758 MHz-803 MHz	1 MHz	796.48	-60.91	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	717 MHz-728 MHz	1 MHz	727.57	-61.53	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2353.13	-58.94	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.59	-61.37	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1491.47	-60.54	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1906.16	-59.80	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2013.84	-59.43	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2388.50	-58.52	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.80	-57.57	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3619.20	-59.65	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1500.94	-60.46	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.14	-60.77	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2132.50	-59.29	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2129.62	-59.27	-50	PASS

n38	30	15	515500	1@37	CP_QPSK	738 MHz-758 MHz	1 MHz	753.62	-61.21	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	753 MHz-783 MHz	1 MHz	777.63	-60.94	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	461 MHz-466 MHz	1 MHz	462.52	-61.34	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1505.06	-60.45	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1476.54	-60.50	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.48	-60.77	-50	PASS
n38	30	15	515500	1@37	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2642.45	-51.52	-15.5	PASS
n38	30	15	515500	1@37	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2651.57	-51.54	1.6	PASS
n38	30	15	519000	38@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-39.35	-36	PASS
n38	30	15	519000	38@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-46.19	-36	PASS
n38	30	15	519000	38@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	898.73	-50.46	-36	PASS
n38	30	15	519000	38@0	CP_QPSK	1000 MHz-2567.50 MHz	1 MHz	2522.04	-40.23	-30	PASS
n38	30	15	519000	38@0	CP_QPSK	2622.50 MHz-3000 MHz	1 MHz	2623.13	-40.70	-30	PASS
n38	30	15	519000	38@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12234.88	-54.74	-30	PASS
n38	30	15	519000	38@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2146.90	-59.23	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1989.64	-59.44	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1875.05	-60.02	-50	PASS

n38	30	15	519000	38@0	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2129.62	-59.24	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	869 MHz-894 MHz	1 MHz	880.48	-60.85	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	925 MHz-960 MHz	1 MHz	936.38	-60.84	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2138.80	-59.23	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	729 MHz-746 MHz	1 MHz	742.82	-61.27	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	746 MHz-756 MHz	1 MHz	754.27	-61.21	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	758 MHz-768 MHz	1 MHz	764.90	-61.03	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	734 MHz-746 MHz	1 MHz	742.41	-61.29	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	791 MHz-821 MHz	1 MHz	800.33	-60.83	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3586.16	-57.77	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	852 MHz-869 MHz	1 MHz	862.91	-60.87	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	758 MHz-803 MHz	1 MHz	794.09	-60.82	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	717 MHz-728 MHz	1 MHz	725.22	-61.50	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2355.14	-58.90	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.64	-61.34	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1480.64	-60.44	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1909.80	-59.76	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2011.80	-59.43	-50	PASS

						MHz					
n38	30	15	519000	38@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2375.20	-58.53	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3597.60	-57.58	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3661.80	-59.63	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1469.32	-60.45	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.71	-60.76	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2135.38	-59.24	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2199.73	-59.23	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.72	-61.15	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	753 MHz-783 MHz	1 MHz	778.05	-60.90	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	461 MHz-466 MHz	1 MHz	461.01	-61.36	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1511.59	-60.46	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1492.61	-60.52	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.85	-60.75	-50	PASS
n38	30	15	519000	38@0	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2643.53	-51.54	-15.5	PASS
n38	30	15	519000	38@0	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2645.72	-51.45	1.6	PASS
n38	30	15	519000	1@0	CP_QPSK	9 kHz-150	1	0.01	-39.94	-36	PASS

						kHz	kHz				
n38	30	15	519000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-46.39	-36	PASS
n38	30	15	519000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	826.37	-49.88	-36	PASS
n38	30	15	519000	1@0	CP_QPSK	1000 MHz-2567.50 MHz	1 MHz	2523.61	-40.25	-30	PASS
n38	30	15	519000	1@0	CP_QPSK	2622.50 MHz-3000 MHz	1 MHz	2997.17	-40.81	-30	PASS
n38	30	15	519000	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12220.25	-54.74	-30	PASS
n38	30	15	519000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2127.46	-59.22	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1986.28	-59.33	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1876.70	-60.00	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2133.49	-59.20	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	880.08	-60.86	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	933.02	-60.81	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2143.24	-59.20	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	729 MHz-746 MHz	1 MHz	745.76	-61.29	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	746 MHz-756 MHz	1 MHz	753.61	-61.19	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	758 MHz-768 MHz	1 MHz	765.92	-61.05	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	734 MHz-746 MHz	1 MHz	745.24	-61.24	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	810.77	-60.79	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	3510	1	3583.60	-57.78	-50	PASS

						MHz-3590 MHz	MHz				
n38	30	15	519000	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	856.76	-60.76	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	801.92	-60.87	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	717 MHz-728 MHz	1 MHz	725.57	-61.48	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2355.09	-58.81	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.84	-61.32	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1494.28	-60.45	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1917.30	-59.78	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2012.99	-59.45	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2373.80	-58.52	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3595.40	-57.57	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3648.00	-59.59	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1487.93	-60.46	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.58	-60.68	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2146.90	-59.24	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2127.28	-59.21	-50	PASS

n38	30	15	519000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	753.92	-61.16	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	779.79	-60.96	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.59	-61.36	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1487.08	-60.48	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1503.32	-60.53	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.91	-60.76	-50	PASS
n38	30	15	519000	1@0	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2642.33	-51.50	-15.5	PASS
n38	30	15	519000	1@0	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2646.67	-51.52	1.6	PASS
n38	30	15	519000	1@37	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-39.79	-36	PASS
n38	30	15	519000	1@37	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-43.36	-36	PASS
n38	30	15	519000	1@37	CP_QPSK	30 MHz-1000 MHz	100 kHz	770.89	-49.91	-36	PASS
n38	30	15	519000	1@37	CP_QPSK	1000 MHz-2567.50 MHz	1 MHz	2507.94	-40.23	-30	PASS
n38	30	15	519000	1@37	CP_QPSK	2622.50 MHz-3000 MHz	1 MHz	2998.43	-40.73	-30	PASS
n38	30	15	519000	1@37	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12213.75	-54.73	-30	PASS
n38	30	15	519000	1@37	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2131.60	-59.26	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1985.02	-59.44	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1878.50	-60.00	-50	PASS

						MHz					
n38	30	15	519000	1@37	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2137.77	-59.23	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	869 MHz-894 MHz	1 MHz	879.10	-60.86	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	925 MHz-960 MHz	1 MHz	929.13	-60.74	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2113.96	-59.28	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	729 MHz-746 MHz	1 MHz	744.84	-61.28	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	746 MHz-756 MHz	1 MHz	750.29	-61.17	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	758 MHz-768 MHz	1 MHz	767.46	-60.98	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	734 MHz-746 MHz	1 MHz	743.56	-61.29	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	791 MHz-821 MHz	1 MHz	797.54	-60.79	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.36	-57.73	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	852 MHz-869 MHz	1 MHz	859.79	-60.87	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	758 MHz-803 MHz	1 MHz	800.75	-60.84	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	717 MHz-728 MHz	1 MHz	727.77	-61.47	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2359.19	-58.81	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.54	-61.31	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1484.43	-60.48	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1910.88	-59.73	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2010.77	-59.41	-50	PASS

						MHz					
n38	30	15	519000	1@37	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2379.50	-58.51	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.60	-57.52	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3658.60	-59.64	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1458.44	-60.50	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.32	-60.74	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2149.51	-59.27	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2149.06	-59.18	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	738 MHz-758 MHz	1 MHz	756.94	-61.16	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	753 MHz-783 MHz	1 MHz	781.44	-60.90	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	461 MHz-466 MHz	1 MHz	463.88	-61.34	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1502.43	-60.49	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1499.15	-60.42	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.00	-60.76	-50	PASS
n38	30	15	519000	1@37	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2643.75	-51.45	-15.5	PASS
n38	30	15	519000	1@37	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2654.68	-51.48	1.6	PASS
n38	30	15	522500	38@0	CP_QPSK	9 kHz-150	1	0.01	-40.45	-36	PASS

						kHz	kHz				
n38	30	15	522500	38@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-45.04	-36	PASS
n38	30	15	522500	38@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-49.46	-36	PASS
n38	30	15	522500	38@0	CP_QPSK	1000 MHz-2585.00 MHz	1 MHz	2585.00	-40.10	-30	PASS
n38	30	15	522500	38@0	CP_QPSK	2640.00 MHz-3000 MHz	1 MHz	2640.60	-40.38	-30	PASS
n38	30	15	522500	38@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12211.31	-54.76	-30	PASS
n38	30	15	522500	38@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2126.80	-59.22	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1988.98	-59.39	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1872.80	-59.98	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2114.05	-59.20	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	869 MHz-894 MHz	1 MHz	891.48	-60.79	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	925 MHz-960 MHz	1 MHz	938.27	-60.77	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2138.08	-59.20	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	729 MHz-746 MHz	1 MHz	742.96	-61.29	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	746 MHz-756 MHz	1 MHz	752.28	-61.18	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	758 MHz-768 MHz	1 MHz	767.92	-60.99	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	734 MHz-746 MHz	1 MHz	745.29	-61.31	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	791 MHz-821 MHz	1 MHz	803.48	-60.86	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	3510	1	3589.04	-57.78	-50	PASS

						MHz-3590 MHz	MHz				
n38	30	15	522500	38@0	CP_QPSK	852 MHz-869 MHz	1 MHz	865.43	-60.82	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	758 MHz-803 MHz	1 MHz	801.47	-60.78	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	717 MHz-728 MHz	1 MHz	726.97	-61.42	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2356.51	-58.84	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.62	-61.32	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1493.80	-60.44	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1919.84	-59.68	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2021.46	-59.38	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2373.30	-58.57	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.80	-57.61	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3641.40	-59.63	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1484.53	-60.45	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.03	-60.74	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2145.01	-59.26	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2125.39	-59.27	-50	PASS

n38	30	15	522500	38@0	CP_QPSK	738 MHz-758 MHz	1 MHz	751.94	-61.18	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	753 MHz-783 MHz	1 MHz	779.79	-60.87	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	461 MHz-466 MHz	1 MHz	462.98	-61.33	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1517.14	-60.43	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1516.58	-60.48	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.21	-60.71	-50	PASS
n38	30	15	522500	38@0	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2628.65	-33.11	-15.5	PASS
n38	30	15	522500	38@0	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2645.09	-47.70	1.6	PASS
n38	30	15	522500	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-38.99	-36	PASS
n38	30	15	522500	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-45.61	-36	PASS
n38	30	15	522500	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-49.63	-36	PASS
n38	30	15	522500	1@0	CP_QPSK	1000 MHz-2585.00 MHz	1 MHz	2520.02	-40.15	-30	PASS
n38	30	15	522500	1@0	CP_QPSK	2640.00 MHz-3000 MHz	1 MHz	2647.80	-40.79	-30	PASS
n38	30	15	522500	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12222.69	-54.64	-30	PASS
n38	30	15	522500	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2144.02	-59.21	-50	PASS
n38	30	15	522500	1@0	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1988.44	-59.44	-50	PASS
n38	30	15	522500	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1878.20	-60.01	-50	PASS

						MHz					
n38	30	15	522500	1@0	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2144.07	-59.23	-50	PASS
n38	30	15	522500	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	887.88	-60.79	-50	PASS
n38	30	15	522500	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	938.16	-60.70	-50	PASS
n38	30	15	522500	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2129.92	-59.19	-50	PASS
n38	30	15	522500	1@0	CP_QPSK	729 MHz-746 MHz	1 MHz	743.33	-61.24	-50	PASS
n38	30	15	522500	1@0	CP_QPSK	746 MHz-756 MHz	1 MHz	754.79	-61.12	-50	PASS
n38	30	15	522500	1@0	CP_QPSK	758 MHz-768 MHz	1 MHz	766.28	-61.00	-50	PASS
n38	30	15	522500	1@0	CP_QPSK	734 MHz-746 MHz	1 MHz	741.67	-61.24	-50	PASS
n38	30	15	522500	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	791.09	-60.81	-50	PASS
n38	30	15	522500	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.08	-57.76	-50	PASS
n38	30	15	522500	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	868.80	-60.82	-50	PASS
n38	30	15	522500	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	802.60	-60.81	-50	PASS
n38	30	15	522500	1@0	CP_QPSK	717 MHz-728 MHz	1 MHz	725.80	-61.45	-50	PASS
n38	30	15	522500	1@0	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2354.98	-58.87	-50	PASS
n38	30	15	522500	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.05	-61.28	-50	PASS
n38	30	15	522500	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1475.10	-60.44	-50	PASS
n38	30	15	522500	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1919.72	-59.75	-50	PASS
n38	30	15	522500	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2010.48	-59.37	-50	PASS

						MHz						
n38	30	15	522500	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2377.70	-58.49	-50	PASS	
n38	30	15	522500	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3596.40	-57.53	-50	PASS	
n38	30	15	522500	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3657.00	-59.58	-50	PASS	
n38	30	15	522500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1499.07	-60.46	-50	PASS	
n38	30	15	522500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.93	-60.69	-50	PASS	
n38	30	15	522500	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2150.77	-59.19	-50	PASS	
n38	30	15	522500	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2133.40	-59.13	-50	PASS	
n38	30	15	522500	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	756.50	-61.14	-50	PASS	
n38	30	15	522500	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	768.57	-60.91	-50	PASS	
n38	30	15	522500	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	465.50	-61.26	-50	PASS	
n38	30	15	522500	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1504.07	-60.47	-50	PASS	
n38	30	15	522500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1499.75	-60.49	-50	PASS	
n38	30	15	522500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.66	-60.71	-50	PASS	
n38	30	15	522500	1@0	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2631.25	-41.56	-15.5	PASS	
n38	30	15	522500	1@0	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2646.71	-51.32	1.6	PASS	
n38	30	15	522500	1@37	CP_QPSK	9 kHz-150	1	0.01	-40.09	-36	PASS	

						kHz	kHz				
n38	30	15	522500	1@37	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-46.83	-36	PASS
n38	30	15	522500	1@37	CP_QPSK	30 MHz-1000 MHz	100 kHz	953.73	-50.17	-36	PASS
n38	30	15	522500	1@37	CP_QPSK	1000 MHz-2585.00 MHz	1 MHz	2507.34	-40.25	-30	PASS
n38	30	15	522500	1@37	CP_QPSK	2640.00 MHz-3000 MHz	1 MHz	2646.00	-40.82	-30	PASS
n38	30	15	522500	1@37	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12233.25	-54.68	-30	PASS
n38	30	15	522500	1@37	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2165.80	-59.20	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1985.20	-59.37	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1875.88	-59.94	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2131.02	-59.22	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	869 MHz-894 MHz	1 MHz	879.60	-60.83	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	925 MHz-960 MHz	1 MHz	925.42	-60.78	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2145.46	-59.19	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	729 MHz-746 MHz	1 MHz	743.48	-61.29	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	746 MHz-756 MHz	1 MHz	754.16	-61.15	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	758 MHz-768 MHz	1 MHz	766.89	-60.98	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	734 MHz-746 MHz	1 MHz	743.37	-61.28	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	791 MHz-821 MHz	1 MHz	808.79	-60.80	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	3510	1	3584.24	-57.75	-50	PASS

						MHz-3590 MHz	MHz				
n38	30	15	522500	1@37	CP_QPSK	852 MHz-869 MHz	1 MHz	866.06	-60.85	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	758 MHz-803 MHz	1 MHz	779.56	-60.83	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	717 MHz-728 MHz	1 MHz	724.85	-61.41	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2359.77	-58.86	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.86	-61.32	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1486.10	-60.45	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1910.58	-59.76	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2010.11	-59.34	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2370.70	-58.41	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3595.40	-57.62	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3648.20	-59.61	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1516.58	-60.41	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.24	-60.77	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2130.16	-59.22	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2130.52	-59.18	-50	PASS

n38	30	15	522500	1@37	CP_QPSK	738 MHz-758 MHz	1 MHz	756.90	-61.14	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	753 MHz-783 MHz	1 MHz	775.59	-60.89	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	461 MHz-466 MHz	1 MHz	462.83	-61.32	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1496.24	-60.48	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1490.74	-60.46	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.58	-60.66	-50	PASS
n38	30	15	522500	1@37	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2620.13	-30.38	-15.5	PASS
n38	30	15	522500	1@37	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2645.36	-51.27	1.6	PASS
n38	30	20	516000	51@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-39.08	-36	PASS
n38	30	20	516000	51@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-45.35	-36	PASS
n38	30	20	516000	51@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-50.06	-36	PASS
n38	30	20	516000	51@0	CP_QPSK	1000 MHz-2545.00 MHz	1 MHz	2538.82	-40.17	-30	PASS
n38	30	20	516000	51@0	CP_QPSK	2615.00 MHz-3000 MHz	1 MHz	2615.32	-40.64	-30	PASS
n38	30	20	516000	51@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12281.19	-54.64	-30	PASS
n38	30	20	516000	51@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2143.96	-59.27	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1982.56	-59.47	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1879.18	-59.99	-50	PASS

						MHz					
n38	30	20	516000	51@0	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2135.07	-59.27	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	869 MHz-894 MHz	1 MHz	874.05	-60.80	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	925 MHz-960 MHz	1 MHz	925.35	-60.85	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2117.44	-59.25	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	729 MHz-746 MHz	1 MHz	745.98	-61.29	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	746 MHz-756 MHz	1 MHz	750.65	-61.18	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	758 MHz-768 MHz	1 MHz	766.16	-61.02	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	734 MHz-746 MHz	1 MHz	744.45	-61.31	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	791 MHz-821 MHz	1 MHz	802.40	-60.83	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.44	-57.76	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	852 MHz-869 MHz	1 MHz	865.46	-60.83	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	758 MHz-803 MHz	1 MHz	787.52	-60.87	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	717 MHz-728 MHz	1 MHz	726.61	-61.49	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2356.58	-58.86	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	467.34	-61.33	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1477.26	-60.47	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1914.82	-59.81	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2023.46	-59.43	-50	PASS

						MHz					
n38	30	20	516000	51@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2378.30	-58.46	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3596.60	-57.64	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3648.80	-59.63	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1461.16	-60.51	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.82	-60.70	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2142.58	-59.27	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2115.85	-59.24	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	738 MHz-758 MHz	1 MHz	755.84	-61.09	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	753 MHz-783 MHz	1 MHz	778.11	-60.93	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.39	-61.36	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1489.84	-60.46	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1505.87	-60.49	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.14	-60.75	-50	PASS
n38	30	20	516000	51@0	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2628.63	-50.14	-15.5	PASS
n38	30	20	516000	51@0	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2646.31	-51.27	1.6	PASS
n38	30	20	516000	1@0	CP_QPSK	9 kHz-150	1	0.01	-40.35	-36	PASS

						kHz	kHz				
n38	30	20	516000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-45.73	-36	PASS
n38	30	20	516000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-49.59	-36	PASS
n38	30	20	516000	1@0	CP_QPSK	1000 MHz-2545.00 MHz	1 MHz	2534.19	-40.30	-30	PASS
n38	30	20	516000	1@0	CP_QPSK	2615.00 MHz-3000 MHz	1 MHz	2998.08	-40.83	-30	PASS
n38	30	20	516000	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12255.19	-54.67	-30	PASS
n38	30	20	516000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2137.24	-59.29	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1985.20	-59.45	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1879.40	-59.94	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2130.39	-59.21	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	876.45	-60.86	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	932.88	-60.86	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2129.92	-59.15	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	729 MHz-746 MHz	1 MHz	745.10	-61.29	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	746 MHz-756 MHz	1 MHz	750.15	-61.13	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	758 MHz-768 MHz	1 MHz	766.56	-61.02	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	734 MHz-746 MHz	1 MHz	743.97	-61.27	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	803.90	-60.81	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	3510	1	3589.52	-57.77	-50	PASS

						MHz-3590 MHz	MHz				
n38	30	20	516000	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	866.60	-60.87	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	781.49	-60.88	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	717 MHz-728 MHz	1 MHz	723.27	-61.45	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2353.65	-58.87	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.75	-61.37	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1487.07	-60.47	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1911.92	-59.78	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2017.17	-59.39	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2371.30	-58.56	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3591.80	-57.65	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3636.20	-59.58	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1514.45	-60.50	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.61	-60.75	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2166.34	-59.25	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2128.36	-59.28	-50	PASS

n38	30	20	516000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	755.58	-61.15	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	780.18	-60.94	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	464.46	-61.34	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1506.00	-60.38	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1505.02	-60.48	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.99	-60.72	-50	PASS
n38	30	20	516000	1@0	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2639.68	-51.47	-15.5	PASS
n38	30	20	516000	1@0	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2645.72	-51.46	1.6	PASS
n38	30	20	516000	1@50	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-40.70	-36	PASS
n38	30	20	516000	1@50	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-44.80	-36	PASS
n38	30	20	516000	1@50	CP_QPSK	30 MHz-1000 MHz	100 kHz	849.17	-50.52	-36	PASS
n38	30	20	516000	1@50	CP_QPSK	1000 MHz-2545.00 MHz	1 MHz	2518.74	-40.21	-30	PASS
n38	30	20	516000	1@50	CP_QPSK	2615.00 MHz-3000 MHz	1 MHz	2995.19	-40.77	-30	PASS
n38	30	20	516000	1@50	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12221.06	-54.62	-30	PASS
n38	30	20	516000	1@50	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2132.80	-59.25	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1979.74	-59.44	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1861.48	-59.98	-50	PASS

						MHz					
n38	30	20	516000	1@50	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2134.48	-59.20	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	869 MHz-894 MHz	1 MHz	884.13	-60.84	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	925 MHz-960 MHz	1 MHz	933.26	-60.81	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2110.42	-59.23	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	729 MHz-746 MHz	1 MHz	744.03	-61.25	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	746 MHz-756 MHz	1 MHz	754.79	-61.14	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	758 MHz-768 MHz	1 MHz	762.48	-60.93	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	734 MHz-746 MHz	1 MHz	745.78	-61.30	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	791 MHz-821 MHz	1 MHz	815.21	-60.82	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3584.48	-57.75	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	852 MHz-869 MHz	1 MHz	862.42	-60.82	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	758 MHz-803 MHz	1 MHz	802.01	-60.90	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	717 MHz-728 MHz	1 MHz	727.51	-61.45	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2353.48	-58.60	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	466.12	-61.22	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1490.28	-60.49	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1919.32	-59.75	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2020.70	-59.30	-50	PASS

						MHz					
n38	30	20	516000	1@50	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2377.10	-58.51	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.20	-57.61	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3639.40	-59.64	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1488.27	-60.43	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.00	-60.68	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2146.18	-59.18	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2143.75	-59.16	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	738 MHz-758 MHz	1 MHz	757.70	-61.19	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	753 MHz-783 MHz	1 MHz	768.00	-60.90	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	461 MHz-466 MHz	1 MHz	464.05	-61.31	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1512.11	-60.37	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1494.99	-60.48	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.07	-60.71	-50	PASS
n38	30	20	516000	1@50	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2639.10	-51.42	-15.5	PASS
n38	30	20	516000	1@50	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2649.19	-51.46	1.6	PASS
n38	30	20	519000	51@0	CP_QPSK	9 kHz-150	1	0.01	-39.53	-36	PASS

						kHz	kHz				
n38	30	20	519000	51@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.18	-47.04	-36	PASS
n38	30	20	519000	51@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	800.08	-50.59	-36	PASS
n38	30	20	519000	51@0	CP_QPSK	1000 MHz-2560.00 MHz	1 MHz	2522.56	-40.21	-30	PASS
n38	30	20	519000	51@0	CP_QPSK	2630.00 MHz-3000 MHz	1 MHz	3000.00	-40.79	-30	PASS
n38	30	20	519000	51@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12249.50	-54.66	-30	PASS
n38	30	20	519000	51@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2158.12	-59.21	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1983.58	-59.37	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1878.20	-59.97	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2127.78	-59.20	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	869 MHz-894 MHz	1 MHz	879.28	-60.75	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	925 MHz-960 MHz	1 MHz	925.39	-60.74	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2146.12	-59.20	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	729 MHz-746 MHz	1 MHz	744.96	-61.23	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	746 MHz-756 MHz	1 MHz	752.52	-61.16	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	758 MHz-768 MHz	1 MHz	764.67	-61.00	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	734 MHz-746 MHz	1 MHz	743.84	-61.28	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	791 MHz-821 MHz	1 MHz	808.52	-60.82	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	3510	1	3589.20	-57.70	-50	PASS

						MHz-3590 MHz	MHz				
n38	30	20	519000	51@0	CP_QPSK	852 MHz-869 MHz	1 MHz	853.53	-60.85	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	758 MHz-803 MHz	1 MHz	797.56	-60.83	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	717 MHz-728 MHz	1 MHz	725.20	-61.44	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2358.67	-58.52	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.77	-61.33	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1488.83	-60.46	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1915.26	-59.77	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2010.77	-59.35	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2377.90	-58.49	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3590.20	-57.56	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3649.60	-59.59	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1483.94	-60.42	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.49	-60.63	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2148.25	-59.18	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2126.02	-59.17	-50	PASS

n38	30	20	519000	51@0	CP_QPSK	738 MHz-758 MHz	1 MHz	756.78	-61.09	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	753 MHz-783 MHz	1 MHz	771.15	-60.93	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	461 MHz-466 MHz	1 MHz	465.92	-61.36	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1507.04	-60.46	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1503.91	-60.46	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.52	-60.66	-50	PASS
n38	30	20	519000	51@0	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2629.08	-43.70	-15.5	PASS
n38	30	20	519000	51@0	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2645.36	-50.09	1.6	PASS
n38	30	20	519000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-40.19	-36	PASS
n38	30	20	519000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.18	-45.35	-36	PASS
n38	30	20	519000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	769.63	-50.30	-36	PASS
n38	30	20	519000	1@0	CP_QPSK	1000 MHz-2560.00 MHz	1 MHz	2525.68	-40.19	-30	PASS
n38	30	20	519000	1@0	CP_QPSK	2630.00 MHz-3000 MHz	1 MHz	2998.46	-40.77	-30	PASS
n38	30	20	519000	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12241.38	-54.69	-30	PASS
n38	30	20	519000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2155.18	-59.23	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1978.00	-59.41	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1876.33	-60.00	-50	PASS

						MHz					
n38	30	20	519000	1@0	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2154.33	-59.21	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	869.40	-60.80	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	932.84	-60.79	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2134.00	-59.23	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	729 MHz-746 MHz	1 MHz	745.00	-61.28	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	746 MHz-756 MHz	1 MHz	753.96	-61.18	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	758 MHz-768 MHz	1 MHz	767.57	-60.99	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	734 MHz-746 MHz	1 MHz	745.90	-61.24	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	795.02	-60.82	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.76	-57.73	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	855.57	-60.75	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	782.98	-60.87	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	717 MHz-728 MHz	1 MHz	723.71	-61.50	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2359.16	-58.62	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	467.23	-61.31	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1494.24	-60.36	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1917.42	-59.76	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2012.10	-59.42	-50	PASS

						MHz					
n38	30	20	519000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2376.90	-58.48	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.60	-57.58	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3645.80	-59.61	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1476.12	-60.42	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.93	-60.67	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2126.47	-59.23	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2169.31	-59.19	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	752.66	-61.20	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	779.13	-60.90	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	464.61	-61.36	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1495.68	-60.45	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1487.93	-60.48	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.50	-60.75	-50	PASS
n38	30	20	519000	1@0	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2626.95	-51.21	-15.5	PASS
n38	30	20	519000	1@0	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2645.41	-51.47	1.6	PASS
n38	30	20	519000	1@50	CP_QPSK	9 kHz-150	1	0.01	-39.42	-36	PASS

						kHz	kHz				
n38	30	20	519000	1@50	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-44.53	-36	PASS
n38	30	20	519000	1@50	CP_QPSK	30 MHz-1000 MHz	100 kHz	809.10	-50.22	-36	PASS
n38	30	20	519000	1@50	CP_QPSK	1000 MHz-2560.00 MHz	1 MHz	2521.00	-40.19	-30	PASS
n38	30	20	519000	1@50	CP_QPSK	2630.00 MHz-3000 MHz	1 MHz	2996.92	-40.79	-30	PASS
n38	30	20	519000	1@50	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12238.13	-54.67	-30	PASS
n38	30	20	519000	1@50	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2144.02	-59.19	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1989.70	-59.44	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1877.15	-59.92	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2125.35	-59.20	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	869 MHz-894 MHz	1 MHz	893.33	-60.84	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	925 MHz-960 MHz	1 MHz	929.31	-60.80	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2132.62	-59.22	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	729 MHz-746 MHz	1 MHz	744.16	-61.31	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	746 MHz-756 MHz	1 MHz	755.55	-61.17	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	758 MHz-768 MHz	1 MHz	767.94	-61.02	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	734 MHz-746 MHz	1 MHz	745.06	-61.27	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	791 MHz-821 MHz	1 MHz	802.97	-60.82	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	3510	1	3589.76	-57.79	-50	PASS

						MHz-3590 MHz	MHz				
n38	30	20	519000	1@50	CP_QPSK	852 MHz-869 MHz	1 MHz	860.96	-60.87	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	758 MHz-803 MHz	1 MHz	791.80	-60.85	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	717 MHz-728 MHz	1 MHz	721.58	-61.49	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2356.69	-58.63	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	466.60	-61.36	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1476.95	-60.44	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1910.30	-59.76	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2019.29	-59.36	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2381.60	-58.51	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.20	-57.56	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3614.60	-59.54	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1498.39	-60.42	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.15	-60.73	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2131.78	-59.23	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2128.09	-59.24	-50	PASS

n38	30	20	519000	1@50	CP_QPSK	738 MHz-758 MHz	1 MHz	757.74	-61.16	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	753 MHz-783 MHz	1 MHz	773.19	-60.93	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	461 MHz-466 MHz	1 MHz	461.21	-61.29	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1500.20	-60.37	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1484.02	-60.49	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.61	-60.71	-50	PASS
n38	30	20	519000	1@50	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2628.43	-51.29	-15.5	PASS
n38	30	20	519000	1@50	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2650.90	-51.48	1.6	PASS
n38	30	20	522000	51@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-39.18	-36	PASS
n38	30	20	522000	51@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-45.22	-36	PASS
n38	30	20	522000	51@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-49.94	-36	PASS
n38	30	20	522000	51@0	CP_QPSK	1000 MHz-2575.00 MHz	1 MHz	2526.18	-40.23	-30	PASS
n38	30	20	522000	51@0	CP_QPSK	2645.00 MHz-3000 MHz	1 MHz	2645.30	-40.39	-30	PASS
n38	30	20	522000	51@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12221.06	-54.69	-30	PASS
n38	30	20	522000	51@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2126.38	-59.14	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1988.14	-59.41	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1874.45	-59.90	-50	PASS

						MHz					
n38	30	20	522000	51@0	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2152.03	-59.23	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	869 MHz-894 MHz	1 MHz	884.13	-60.80	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	925 MHz-960 MHz	1 MHz	931.20	-60.80	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2158.60	-59.17	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	729 MHz-746 MHz	1 MHz	740.44	-61.25	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	746 MHz-756 MHz	1 MHz	749.08	-61.14	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	758 MHz-768 MHz	1 MHz	760.70	-61.06	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	734 MHz-746 MHz	1 MHz	745.23	-61.25	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	791 MHz-821 MHz	1 MHz	811.79	-60.79	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3586.80	-57.73	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	852 MHz-869 MHz	1 MHz	859.94	-60.81	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	758 MHz-803 MHz	1 MHz	793.42	-60.77	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	717 MHz-728 MHz	1 MHz	725.13	-61.46	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2357.36	-58.55	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	466.79	-61.32	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1494.90	-60.47	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1909.44	-59.70	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2022.86	-59.40	-50	PASS

						MHz					
n38	30	20	522000	51@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2389.40	-58.49	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.20	-57.54	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3637.80	-59.63	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1494.48	-60.45	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.79	-60.69	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2182.45	-59.22	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2127.28	-59.20	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	738 MHz-758 MHz	1 MHz	753.86	-61.11	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	753 MHz-783 MHz	1 MHz	778.98	-60.89	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	461 MHz-466 MHz	1 MHz	464.57	-61.26	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1490.87	-60.44	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1497.88	-60.44	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.91	-60.71	-50	PASS
n38	30	20	522000	51@0	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2642.93	-51.53	-15.5	PASS
n38	30	20	522000	51@0	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2645.09	-44.32	1.6	PASS
n38	30	20	522000	1@0	CP_QPSK	9 kHz-150	1	0.01	-40.92	-36	PASS

						kHz	kHz				
n38	30	20	522000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-41.62	-36	PASS
n38	30	20	522000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	807.26	-50.30	-36	PASS
n38	30	20	522000	1@0	CP_QPSK	1000 MHz-2575.00 MHz	1 MHz	2524.60	-40.20	-30	PASS
n38	30	20	522000	1@0	CP_QPSK	2645.00 MHz-3000 MHz	1 MHz	2996.75	-40.78	-30	PASS
n38	30	20	522000	1@0	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12220.25	-54.68	-30	PASS
n38	30	20	522000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2139.88	-59.24	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1976.38	-59.44	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1874.45	-59.97	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2130.43	-59.16	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	874.60	-60.81	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	934.84	-60.74	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2136.16	-59.16	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	729 MHz-746 MHz	1 MHz	743.81	-61.26	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	746 MHz-756 MHz	1 MHz	751.28	-61.15	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	758 MHz-768 MHz	1 MHz	767.63	-61.04	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	734 MHz-746 MHz	1 MHz	745.69	-61.24	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	796.19	-60.80	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	3510	1	3589.76	-57.73	-50	PASS

						MHz-3590 MHz	MHz				
n38	30	20	522000	1@0	CP_QPSK	852 MHz-869 MHz	1 MHz	859.58	-60.81	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	788.15	-60.79	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	717 MHz-728 MHz	1 MHz	727.59	-61.43	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2354.04	-58.62	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.88	-61.31	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1494.68	-60.43	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1910.42	-59.76	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2024.91	-59.38	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2379.30	-58.49	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3600.00	-57.57	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3627.80	-59.62	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1501.45	-60.46	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.48	-60.72	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2155.90	-59.22	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2121.16	-59.20	-50	PASS

n38	30	20	522000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.58	-61.15	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	776.61	-60.84	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	465.61	-61.33	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1498.69	-60.42	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1504.85	-60.43	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.56	-60.73	-50	PASS
n38	30	20	522000	1@0	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2630.63	-45.56	-15.5	PASS
n38	30	20	522000	1@0	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2645.14	-51.39	1.6	PASS
n38	30	20	522000	1@50	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-38.57	-36	PASS
n38	30	20	522000	1@50	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-45.36	-36	PASS
n38	30	20	522000	1@50	CP_QPSK	30 MHz-1000 MHz	100 kHz	770.30	-49.81	-36	PASS
n38	30	20	522000	1@50	CP_QPSK	1000 MHz-2575.00 MHz	1 MHz	2524.60	-40.18	-30	PASS
n38	30	20	522000	1@50	CP_QPSK	2645.00 MHz-3000 MHz	1 MHz	2998.82	-40.81	-30	PASS
n38	30	20	522000	1@50	CP_QPSK	3000 MHz-12.75 GHz	1 MHz	12240.56	-54.63	-30	PASS
n38	30	20	522000	1@50	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2151.58	-59.15	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	1930 MHz-1990 MHz	1 MHz	1989.34	-59.41	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1880.00	-59.97	-50	PASS

						MHz					
n38	30	20	522000	1@50	CP_QPSK	2110 MHz-2155 MHz	1 MHz	2140.47	-59.15	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	869 MHz-894 MHz	1 MHz	872.23	-60.80	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	925 MHz-960 MHz	1 MHz	934.87	-60.77	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2127.52	-59.19	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	729 MHz-746 MHz	1 MHz	741.92	-61.27	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	746 MHz-756 MHz	1 MHz	755.27	-61.18	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	758 MHz-768 MHz	1 MHz	758.43	-61.05	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	734 MHz-746 MHz	1 MHz	742.93	-61.24	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	791 MHz-821 MHz	1 MHz	803.69	-60.84	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3586.48	-57.72	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	852 MHz-869 MHz	1 MHz	864.67	-60.81	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	758 MHz-803 MHz	1 MHz	784.42	-60.81	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	717 MHz-728 MHz	1 MHz	724.38	-61.46	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	2350 MHz-2360 MHz	1 MHz	2357.36	-58.55	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	463.60	-61.30	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1479.37	-60.44	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1902.36	-59.76	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2022.38	-59.40	-50	PASS

						MHz					
n38	30	20	522000	1@50	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2380.30	-58.49	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.80	-57.46	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3642.40	-59.59	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1512.50	-60.43	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.79	-60.71	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2136.37	-59.19	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2129.80	-59.24	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	738 MHz-758 MHz	1 MHz	756.38	-61.14	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	753 MHz-783 MHz	1 MHz	778.35	-60.91	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	461 MHz-466 MHz	1 MHz	462.52	-61.30	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1482.96	-60.45	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1514.37	-60.40	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.12	-60.66	-50	PASS
n38	30	20	522000	1@50	CP_QPSK	2620 MHz-2645 MHz	5 MHz	2620.23	-31.11	-15.5	PASS
n38	30	20	522000	1@50	CP_QPSK	2645 MHz-2690 MHz	5 MHz	2645.05	-51.25	1.6	PASS
n77	30	10	620334	24@0	CP_QPSK	9 kHz-150	1	0.01	-59.24	-36	PASS

						kHz	kHz				
n77	30	10	620334	24@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-65.47	-36	PASS
n77	30	10	620334	24@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	846.26	-69.30	-36	PASS
n77	30	10	620334	24@0	CP_QPSK	1000 MHz-3285.01 MHz	1 MHz	3280.44	-57.22	-30	PASS
n77	30	10	620334	24@0	CP_QPSK	3325.01 MHz-6000 MHz	1 MHz	3327.24	-58.84	-30	PASS
n77	30	10	620334	24@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25245.00	-52.76	-30	PASS
n77	30	10	620334	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2129.92	-65.82	-50	PASS
n77	30	10	620334	24@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1879.63	-66.59	-50	PASS
n77	30	10	620334	24@0	CP_QPSK	869 MHz-894 MHz	1 MHz	887.25	-67.37	-50	PASS
n77	30	10	620334	24@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2654.65	-64.72	-50	PASS
n77	30	10	620334	24@0	CP_QPSK	925 MHz-960 MHz	1 MHz	948.80	-67.25	-50	PASS
n77	30	10	620334	24@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1494.54	-66.97	-50	PASS
n77	30	10	620334	24@0	CP_QPSK	860 MHz-875 MHz	1 MHz	871.31	-66.74	-50	PASS
n77	30	10	620334	24@0	CP_QPSK	791 MHz-821 MHz	1 MHz	809.12	-67.37	-50	PASS
n77	30	10	620334	24@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1499.44	-66.96	-50	PASS
n77	30	10	620334	24@0	CP_QPSK	859 MHz-894 MHz	1 MHz	871.01	-67.30	-50	PASS
n77	30	10	620334	24@0	CP_QPSK	758 MHz-803 MHz	1 MHz	787.70	-67.48	-50	PASS
n77	30	10	620334	24@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2011.02	-65.99	-50	PASS
n77	30	10	620334	24@0	CP_QPSK	1880 MHz	1 MHz	1908.44	-66.37	-50	PASS

						MHz-1920 MHz	MHz				
n77	30	10	620334	24@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2634.90	-64.64	-50	PASS
n77	30	10	620334	24@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2386.60	-65.12	-50	PASS
n77	30	10	620334	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2113.06	-65.81	-50	PASS
n77	30	10	620334	24@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1914.98	-71.43	-41	PASS
n77	30	10	620334	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.63	-36	PASS
n77	30	10	620334	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.93	-36	PASS
n77	30	10	620334	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	32.04	-68.48	-36	PASS
n77	30	10	620334	1@0	CP_QPSK	1000 MHz-3285.01 MHz	1 MHz	3152.48	-58.33	-30	PASS
n77	30	10	620334	1@0	CP_QPSK	3325.01 MHz-6000 MHz	1 MHz	3596.97	-59.90	-30	PASS
n77	30	10	620334	1@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25255.00	-52.80	-30	PASS
n77	30	10	620334	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2128.72	-65.79	-50	PASS
n77	30	10	620334	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1861.33	-66.53	-50	PASS
n77	30	10	620334	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	870.55	-67.25	-50	PASS
n77	30	10	620334	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2645.90	-64.60	-50	PASS
n77	30	10	620334	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	948.35	-66.97	-50	PASS
n77	30	10	620334	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1495.44	-66.96	-50	PASS

n77	30	10	620334	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	871.18	-67.23	-50	PASS
n77	30	10	620334	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	802.46	-67.43	-50	PASS
n77	30	10	620334	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1497.45	-67.04	-50	PASS
n77	30	10	620334	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	871.50	-67.29	-50	PASS
n77	30	10	620334	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	784.33	-67.48	-50	PASS
n77	30	10	620334	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2017.47	-66.02	-50	PASS
n77	30	10	620334	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1917.84	-66.31	-50	PASS
n77	30	10	620334	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2654.30	-64.68	-50	PASS
n77	30	10	620334	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2397.30	-65.09	-50	PASS
n77	30	10	620334	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2155.63	-65.77	-50	PASS
n77	30	10	620334	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1914.89	-71.40	-41	PASS
n77	30	10	620334	1@23	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.69	-36	PASS
n77	30	10	620334	1@23	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.53	-36	PASS
n77	30	10	620334	1@23	CP_QPSK	30 MHz-1000 MHz	100 kHz	32.04	-68.98	-36	PASS
n77	30	10	620334	1@23	CP_QPSK	1000 MHz-3285.01 MHz	1 MHz	3150.19	-58.37	-30	PASS
n77	30	10	620334	1@23	CP_QPSK	3325.01 MHz-6000 MHz	1 MHz	3596.97	-59.46	-30	PASS
n77	30	10	620334	1@23	CP_QPSK	6000 MHz-26 GHz	1 MHz	25231.67	-52.75	-30	PASS
n77	30	10	620334	1@23	CP_QPSK	2110	1	2131.54	-65.82	-50	PASS

						MHz-2170 MHz	MHz				
n77	30	10	620334	1@23	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1870.33	-66.48	-50	PASS
n77	30	10	620334	1@23	CP_QPSK	869 MHz-894 MHz	1 MHz	870.20	-67.35	-50	PASS
n77	30	10	620334	1@23	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2643.52	-64.72	-50	PASS
n77	30	10	620334	1@23	CP_QPSK	925 MHz-960 MHz	1 MHz	948.66	-67.28	-50	PASS
n77	30	10	620334	1@23	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1491.00	-67.06	-50	PASS
n77	30	10	620334	1@23	CP_QPSK	860 MHz-875 MHz	1 MHz	872.29	-67.25	-50	PASS
n77	30	10	620334	1@23	CP_QPSK	791 MHz-821 MHz	1 MHz	800.96	-67.40	-50	PASS
n77	30	10	620334	1@23	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1509.43	-66.99	-50	PASS
n77	30	10	620334	1@23	CP_QPSK	859 MHz-894 MHz	1 MHz	870.87	-67.27	-50	PASS
n77	30	10	620334	1@23	CP_QPSK	758 MHz-803 MHz	1 MHz	796.12	-67.47	-50	PASS
n77	30	10	620334	1@23	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2014.32	-66.02	-50	PASS
n77	30	10	620334	1@23	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1913.92	-66.34	-50	PASS
n77	30	10	620334	1@23	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2644.99	-64.70	-50	PASS
n77	30	10	620334	1@23	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2382.60	-65.11	-50	PASS
n77	30	10	620334	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2149.33	-65.85	-50	PASS
n77	30	10	620334	1@23	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1914.45	-71.32	-41	PASS

n77	30	10	650000	24@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.94	-36	PASS
n77	30	10	650000	24@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.69	-36	PASS
n77	30	10	650000	24@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-68.32	-36	PASS
n77	30	10	650000	24@0	CP_QPSK	1000 MHz-3730.00 MHz	1 MHz	3153.97	-57.83	-30	PASS
n77	30	10	650000	24@0	CP_QPSK	3770.00 MHz-6000 MHz	1 MHz	3771.86	-56.57	-30	PASS
n77	30	10	650000	24@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25245.00	-52.35	-30	PASS
n77	30	10	650000	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2118.58	-65.40	-50	PASS
n77	30	10	650000	24@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1880.00	-66.18	-50	PASS
n77	30	10	650000	24@0	CP_QPSK	869 MHz-894 MHz	1 MHz	876.43	-66.87	-50	PASS
n77	30	10	650000	24@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2645.41	-64.33	-50	PASS
n77	30	10	650000	24@0	CP_QPSK	925 MHz-960 MHz	1 MHz	941.45	-66.92	-50	PASS
n77	30	10	650000	24@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1491.76	-66.68	-50	PASS
n77	30	10	650000	24@0	CP_QPSK	860 MHz-875 MHz	1 MHz	870.50	-66.28	-50	PASS
n77	30	10	650000	24@0	CP_QPSK	791 MHz-821 MHz	1 MHz	795.08	-67.05	-50	PASS
n77	30	10	650000	24@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1502.71	-66.60	-50	PASS
n77	30	10	650000	24@0	CP_QPSK	859 MHz-894 MHz	1 MHz	871.88	-66.85	-50	PASS
n77	30	10	650000	24@0	CP_QPSK	758 MHz-803 MHz	1 MHz	796.61	-67.00	-50	PASS
n77	30	10	650000	24@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2015.90	-65.59	-50	PASS

n77	30	10	650000	24@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1917.92	-65.95	-50	PASS
n77	30	10	650000	24@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2637.43	-64.32	-50	PASS
n77	30	10	650000	24@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2372.00	-64.80	-50	PASS
n77	30	10	650000	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2127.64	-65.38	-50	PASS
n77	30	10	650000	24@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1901.13	-65.49	-41	PASS
n77	30	10	650000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.48	-36	PASS
n77	30	10	650000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-62.56	-36	PASS
n77	30	10	650000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	433.91	-58.41	-36	PASS
n77	30	10	650000	1@0	CP_QPSK	1000 MHz-3730.00 MHz	1 MHz	3159.43	-57.77	-30	PASS
n77	30	10	650000	1@0	CP_QPSK	3770.00 MHz-6000 MHz	1 MHz	5998.14	-59.82	-30	PASS
n77	30	10	650000	1@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25225.00	-52.38	-30	PASS
n77	30	10	650000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2146.60	-65.44	-50	PASS
n77	30	10	650000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1879.48	-66.19	-50	PASS
n77	30	10	650000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	870.20	-67.00	-50	PASS
n77	30	10	650000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2651.22	-64.32	-50	PASS
n77	30	10	650000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	948.45	-66.84	-50	PASS
n77	30	10	650000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1484.86	-66.68	-50	PASS

						MHz					
n77	30	10	650000	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	870.53	-66.94	-50	PASS
n77	30	10	650000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	808.70	-66.95	-50	PASS
n77	30	10	650000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1502.52	-66.67	-50	PASS
n77	30	10	650000	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	874.93	-66.90	-50	PASS
n77	30	10	650000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	799.18	-67.05	-50	PASS
n77	30	10	650000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2022.63	-62.51	-50	PASS
n77	30	10	650000	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1913.04	-66.02	-50	PASS
n77	30	10	650000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2646.35	-64.39	-50	PASS
n77	30	10	650000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2378.20	-64.76	-50	PASS
n77	30	10	650000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2124.04	-65.40	-50	PASS
n77	30	10	650000	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1901.13	-71.02	-41	PASS
n77	30	10	650000	1@23	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.98	-36	PASS
n77	30	10	650000	1@23	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-63.24	-36	PASS
n77	30	10	650000	1@23	CP_QPSK	30 MHz-1000 MHz	100 kHz	32.04	-66.69	-36	PASS
n77	30	10	650000	1@23	CP_QPSK	1000 MHz-3730.00 MHz	1 MHz	3145.78	-58.06	-30	PASS
n77	30	10	650000	1@23	CP_QPSK	3770.00 MHz-6000 MHz	1 MHz	5981.42	-59.87	-30	PASS
n77	30	10	650000	1@23	CP_QPSK	6000 MHz-26 GHz	1 MHz	25256.67	-52.41	-30	PASS

n77	30	10	650000	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2148.52	-65.42	-50	PASS
n77	30	10	650000	1@23	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1871.00	-66.19	-50	PASS
n77	30	10	650000	1@23	CP_QPSK	869 MHz-894 MHz	1 MHz	881.93	-66.96	-50	PASS
n77	30	10	650000	1@23	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2657.80	-64.30	-50	PASS
n77	30	10	650000	1@23	CP_QPSK	925 MHz-960 MHz	1 MHz	948.73	-66.67	-50	PASS
n77	30	10	650000	1@23	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1485.80	-66.70	-50	PASS
n77	30	10	650000	1@23	CP_QPSK	860 MHz-875 MHz	1 MHz	871.18	-66.93	-50	PASS
n77	30	10	650000	1@23	CP_QPSK	791 MHz-821 MHz	1 MHz	792.47	-67.04	-50	PASS
n77	30	10	650000	1@23	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1507.99	-66.66	-50	PASS
n77	30	10	650000	1@23	CP_QPSK	859 MHz-894 MHz	1 MHz	893.93	-67.00	-50	PASS
n77	30	10	650000	1@23	CP_QPSK	758 MHz-803 MHz	1 MHz	798.46	-67.04	-50	PASS
n77	30	10	650000	1@23	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2015.42	-65.63	-50	PASS
n77	30	10	650000	1@23	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1904.24	-64.58	-50	PASS
n77	30	10	650000	1@23	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2650.04	-64.37	-50	PASS
n77	30	10	650000	1@23	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2369.30	-64.73	-50	PASS
n77	30	10	650000	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2130.07	-65.47	-50	PASS
n77	30	10	650000	1@23	CP_QPSK	1884.5 MHz-1915.7	300 kHz	1899.32	-65.77	-41	PASS

						MHz					
n77	30	10	679666	24@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.75	-36	PASS
n77	30	10	679666	24@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.15	-36	PASS
n77	30	10	679666	24@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	32.04	-66.93	-36	PASS
n77	30	10	679666	24@0	CP_QPSK	1000 MHz-4174.99 MHz	1 MHz	3149.47	-58.32	-30	PASS
n77	30	10	679666	24@0	CP_QPSK	4214.99 MHz-6000 MHz	1 MHz	6000.00	-60.21	-30	PASS
n77	30	10	679666	24@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25240.00	-52.78	-30	PASS
n77	30	10	679666	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2150.74	-65.81	-50	PASS
n77	30	10	679666	24@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1876.03	-66.59	-50	PASS
n77	30	10	679666	24@0	CP_QPSK	869 MHz-894 MHz	1 MHz	874.23	-67.37	-50	PASS
n77	30	10	679666	24@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2657.17	-64.70	-50	PASS
n77	30	10	679666	24@0	CP_QPSK	925 MHz-960 MHz	1 MHz	948.21	-66.94	-50	PASS
n77	30	10	679666	24@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1488.84	-67.05	-50	PASS
n77	30	10	679666	24@0	CP_QPSK	860 MHz-875 MHz	1 MHz	871.28	-67.26	-50	PASS
n77	30	10	679666	24@0	CP_QPSK	791 MHz-821 MHz	1 MHz	800.48	-67.42	-50	PASS
n77	30	10	679666	24@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1509.61	-67.01	-50	PASS
n77	30	10	679666	24@0	CP_QPSK	859 MHz-894 MHz	1 MHz	869.36	-67.40	-50	PASS
n77	30	10	679666	24@0	CP_QPSK	758 MHz-803 MHz	1 MHz	793.51	-67.44	-50	PASS
n77	30	10	679666	24@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2020.67	-65.95	-50	PASS

						MHz					
n77	30	10	679666	24@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1901.52	-64.77	-50	PASS
n77	30	10	679666	24@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2657.60	-64.70	-50	PASS
n77	30	10	679666	24@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2377.70	-65.14	-50	PASS
n77	30	10	679666	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2125.48	-65.79	-50	PASS
n77	30	10	679666	24@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1897.82	-64.08	-41	PASS
n77	30	10	679666	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.73	-36	PASS
n77	30	10	679666	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-62.73	-36	PASS
n77	30	10	679666	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	32.04	-66.74	-36	PASS
n77	30	10	679666	1@0	CP_QPSK	1000 MHz-4174.99 MHz	1 MHz	3149.47	-58.32	-30	PASS
n77	30	10	679666	1@0	CP_QPSK	4214.99 MHz-6000 MHz	1 MHz	5962.81	-60.22	-30	PASS
n77	30	10	679666	1@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25633.33	-52.77	-30	PASS
n77	30	10	679666	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2144.20	-65.80	-50	PASS
n77	30	10	679666	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1874.08	-66.57	-50	PASS
n77	30	10	679666	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	875.15	-67.32	-50	PASS
n77	30	10	679666	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2638.83	-64.66	-50	PASS
n77	30	10	679666	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	944.18	-67.26	-50	PASS
n77	30	10	679666	1@0	CP_QPSK	1475.9	1	1493.88	-66.99	-50	PASS

						MHz-1495.9 MHz	MHz				
n77	30	10	679666	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	869.29	-67.44	-50	PASS
n77	30	10	679666	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	801.86	-67.39	-50	PASS
n77	30	10	679666	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1496.97	-67.04	-50	PASS
n77	30	10	679666	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	870.10	-67.38	-50	PASS
n77	30	10	679666	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	787.12	-67.46	-50	PASS
n77	30	10	679666	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2021.03	-66.01	-50	PASS
n77	30	10	679666	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1902.96	-66.41	-50	PASS
n77	30	10	679666	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2640.72	-64.70	-50	PASS
n77	30	10	679666	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2387.10	-65.13	-50	PASS
n77	30	10	679666	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2144.56	-65.80	-50	PASS
n77	30	10	679666	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1904.37	-71.41	-41	PASS
n77	30	10	679666	1@23	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.73	-36	PASS
n77	30	10	679666	1@23	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-63.71	-36	PASS
n77	30	10	679666	1@23	CP_QPSK	30 MHz-1000 MHz	100 kHz	32.04	-66.39	-36	PASS
n77	30	10	679666	1@23	CP_QPSK	1000 MHz-4174.99 MHz	1 MHz	3149.47	-58.32	-30	PASS
n77	30	10	679666	1@23	CP_QPSK	4214.99 MHz-6000 MHz	1 MHz	4243.25	-59.24	-30	PASS
n77	30	10	679666	1@23	CP_QPSK	6000 MHz-26	1	25236.67	-52.76	-30	PASS

						GHz	MHz				
n77	30	10	679666	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2160.94	-65.81	-50	PASS
n77	30	10	679666	1@23	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1878.35	-66.52	-50	PASS
n77	30	10	679666	1@23	CP_QPSK	869 MHz-894 MHz	1 MHz	872.45	-67.34	-50	PASS
n77	30	10	679666	1@23	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2631.06	-61.59	-50	PASS
n77	30	10	679666	1@23	CP_QPSK	925 MHz-960 MHz	1 MHz	944.04	-67.31	-50	PASS
n77	30	10	679666	1@23	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1491.56	-67.06	-50	PASS
n77	30	10	679666	1@23	CP_QPSK	860 MHz-875 MHz	1 MHz	872.12	-67.40	-50	PASS
n77	30	10	679666	1@23	CP_QPSK	791 MHz-821 MHz	1 MHz	803.00	-67.43	-50	PASS
n77	30	10	679666	1@23	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1501.62	-67.05	-50	PASS
n77	30	10	679666	1@23	CP_QPSK	859 MHz-894 MHz	1 MHz	870.41	-67.37	-50	PASS
n77	30	10	679666	1@23	CP_QPSK	758 MHz-803 MHz	1 MHz	794.99	-67.44	-50	PASS
n77	30	10	679666	1@23	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2015.79	-65.89	-50	PASS
n77	30	10	679666	1@23	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1916.12	-66.38	-50	PASS
n77	30	10	679666	1@23	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2649.26	-64.74	-50	PASS
n77	30	10	679666	1@23	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2381.30	-65.12	-50	PASS
n77	30	10	679666	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2126.92	-65.82	-50	PASS
n77	30	10	679666	1@23	CP_QPSK	1884.5	300	1897.73	-68.07	-41	PASS

						MHz-1915.7 MHz	kHz				
n77	30	50	621668	133@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.12	-36	PASS
n77	30	50	621668	133@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-62.23	-36	PASS
n77	30	50	621668	133@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	32.04	-65.97	-36	PASS
n77	30	50	621668	133@0	CP_QPSK	1000 MHz-3245.02 MHz	1 MHz	3245.02	-51.28	-30	PASS
n77	30	50	621668	133@0	CP_QPSK	3405.02 MHz-6000 MHz	1 MHz	3409.34	-50.99	-30	PASS
n77	30	50	621668	133@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25580.00	-52.77	-30	PASS
n77	30	50	621668	133@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2145.04	-65.78	-50	PASS
n77	30	50	621668	133@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1871.38	-66.46	-50	PASS
n77	30	50	621668	133@0	CP_QPSK	869 MHz-894 MHz	1 MHz	875.53	-67.39	-50	PASS
n77	30	50	621668	133@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2620.49	-62.48	-50	PASS
n77	30	50	621668	133@0	CP_QPSK	925 MHz-960 MHz	1 MHz	944.29	-66.84	-50	PASS
n77	30	50	621668	133@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1489.12	-67.00	-50	PASS
n77	30	50	621668	133@0	CP_QPSK	860 MHz-875 MHz	1 MHz	862.73	-67.40	-50	PASS
n77	30	50	621668	133@0	CP_QPSK	791 MHz-821 MHz	1 MHz	804.89	-67.35	-50	PASS
n77	30	50	621668	133@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1501.24	-66.98	-50	PASS
n77	30	50	621668	133@0	CP_QPSK	859 MHz-894 MHz	1 MHz	868.49	-67.34	-50	PASS
n77	30	50	621668	133@0	CP_QPSK	758 MHz-803 MHz	1 MHz	793.69	-67.36	-50	PASS
n77	30	50	621668	133@0	CP_QPSK	2010	1	2024.78	-65.95	-50	PASS

						MHz-2025 MHz	MHz				
n77	30	50	621668	133@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1891.40	-66.30	-50	PASS
n77	30	50	621668	133@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2625.98	-62.13	-50	PASS
n77	30	50	621668	133@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2383.70	-65.06	-50	PASS
n77	30	50	621668	133@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2136.55	-65.83	-50	PASS
n77	30	50	621668	133@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1912.02	-71.46	-41	PASS
n77	30	50	621668	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.48	-36	PASS
n77	30	50	621668	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-62.54	-36	PASS
n77	30	50	621668	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	32.04	-67.21	-36	PASS
n77	30	50	621668	1@0	CP_QPSK	1000 MHz-3245.02 MHz	1 MHz	3238.28	-55.91	-30	PASS
n77	30	50	621668	1@0	CP_QPSK	3405.02 MHz-6000 MHz	1 MHz	3407.18	-57.54	-30	PASS
n77	30	50	621668	1@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25246.67	-52.69	-30	PASS
n77	30	50	621668	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2148.22	-65.80	-50	PASS
n77	30	50	621668	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1862.90	-66.56	-50	PASS
n77	30	50	621668	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	883.58	-67.36	-50	PASS
n77	30	50	621668	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2622.10	-56.25	-50	PASS
n77	30	50	621668	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	943.97	-67.27	-50	PASS

n77	30	50	621668	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1493.44	-66.99	-50	PASS
n77	30	50	621668	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	872.29	-67.27	-50	PASS
n77	30	50	621668	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	812.90	-67.41	-50	PASS
n77	30	50	621668	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1510.05	-67.01	-50	PASS
n77	30	50	621668	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	875.03	-67.41	-50	PASS
n77	30	50	621668	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	795.67	-67.44	-50	PASS
n77	30	50	621668	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2022.78	-65.97	-50	PASS
n77	30	50	621668	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1912.44	-66.34	-50	PASS
n77	30	50	621668	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2639.17	-64.69	-50	PASS
n77	30	50	621668	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2381.90	-65.08	-50	PASS
n77	30	50	621668	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2121.79	-65.70	-50	PASS
n77	30	50	621668	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1911.92	-71.28	-41	PASS
n77	30	50	621668	1@132	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.93	-36	PASS
n77	30	50	621668	1@132	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.62	-36	PASS
n77	30	50	621668	1@132	CP_QPSK	30 MHz-1000 MHz	100 kHz	787.57	-64.59	-36	PASS
n77	30	50	621668	1@132	CP_QPSK	1000 MHz-3245.02 MHz	1 MHz	3242.77	-56.89	-30	PASS
n77	30	50	621668	1@132	CP_QPSK	3405.02 MHz-6000 MHz	1 MHz	3597.48	-59.91	-30	PASS

n77	30	50	621668	1@132	CP_QPSK	6000 MHz-26 GHz	1 MHz	25581.67	-52.68	-30	PASS
n77	30	50	621668	1@132	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2120.56	-65.79	-50	PASS
n77	30	50	621668	1@132	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1879.63	-66.56	-50	PASS
n77	30	50	621668	1@132	CP_QPSK	869 MHz-894 MHz	1 MHz	872.13	-67.38	-50	PASS
n77	30	50	621668	1@132	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2632.04	-64.18	-50	PASS
n77	30	50	621668	1@132	CP_QPSK	925 MHz-960 MHz	1 MHz	944.36	-67.18	-50	PASS
n77	30	50	621668	1@132	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1492.90	-67.02	-50	PASS
n77	30	50	621668	1@132	CP_QPSK	860 MHz-875 MHz	1 MHz	870.83	-67.36	-50	PASS
n77	30	50	621668	1@132	CP_QPSK	791 MHz-821 MHz	1 MHz	797.81	-67.29	-50	PASS
n77	30	50	621668	1@132	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1499.25	-67.03	-50	PASS
n77	30	50	621668	1@132	CP_QPSK	859 MHz-894 MHz	1 MHz	874.61	-67.37	-50	PASS
n77	30	50	621668	1@132	CP_QPSK	758 MHz-803 MHz	1 MHz	792.34	-67.45	-50	PASS
n77	30	50	621668	1@132	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2010.32	-65.96	-50	PASS
n77	30	50	621668	1@132	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1912.24	-66.36	-50	PASS
n77	30	50	621668	1@132	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2631.80	-64.00	-50	PASS
n77	30	50	621668	1@132	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2394.50	-65.05	-50	PASS
n77	30	50	621668	1@132	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2114.50	-65.80	-50	PASS

n77	30	50	621668	1@132	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1903.47	-71.42	-41	PASS
n77	30	50	650000	133@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-57.67	-36	PASS
n77	30	50	650000	133@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.18	-36	PASS
n77	30	50	650000	133@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	32.04	-66.66	-36	PASS
n77	30	50	650000	133@0	CP_QPSK	1000 MHz-3670.00 MHz	1 MHz	3667.33	-51.85	-30	PASS
n77	30	50	650000	133@0	CP_QPSK	3830.00 MHz-6000 MHz	1 MHz	3831.81	-53.82	-30	PASS
n77	30	50	650000	133@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25250.00	-52.42	-30	PASS
n77	30	50	650000	133@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2115.64	-65.44	-50	PASS
n77	30	50	650000	133@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1874.83	-66.24	-50	PASS
n77	30	50	650000	133@0	CP_QPSK	869 MHz-894 MHz	1 MHz	882.40	-67.00	-50	PASS
n77	30	50	650000	133@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2633.86	-60.94	-50	PASS
n77	30	50	650000	133@0	CP_QPSK	925 MHz-960 MHz	1 MHz	944.39	-66.72	-50	PASS
n77	30	50	650000	133@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1483.16	-66.66	-50	PASS
n77	30	50	650000	133@0	CP_QPSK	860 MHz-875 MHz	1 MHz	871.06	-67.00	-50	PASS
n77	30	50	650000	133@0	CP_QPSK	791 MHz-821 MHz	1 MHz	810.98	-66.94	-50	PASS
n77	30	50	650000	133@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1506.18	-66.63	-50	PASS
n77	30	50	650000	133@0	CP_QPSK	859 MHz-894 MHz	1 MHz	870.69	-66.99	-50	PASS
n77	30	50	650000	133@0	CP_QPSK	758 MHz-803 MHz	1 MHz	785.18	-67.08	-50	PASS

n77	30	50	650000	133@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2013.33	-65.59	-50	PASS
n77	30	50	650000	133@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1916.60	-65.87	-50	PASS
n77	30	50	650000	133@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2615.70	-62.61	-50	PASS
n77	30	50	650000	133@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2384.00	-64.73	-50	PASS
n77	30	50	650000	133@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2200.00	-65.40	-50	PASS
n77	30	50	650000	133@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1902.03	-71.04	-41	PASS
n77	30	50	650000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.33	-36	PASS
n77	30	50	650000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-65.53	-36	PASS
n77	30	50	650000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	433.91	-45.19	-36	PASS
n77	30	50	650000	1@0	CP_QPSK	1000 MHz-3670.00 MHz	1 MHz	3157.36	-57.83	-30	PASS
n77	30	50	650000	1@0	CP_QPSK	3830.00 MHz-6000 MHz	1 MHz	3831.81	-58.51	-30	PASS
n77	30	50	650000	1@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25251.67	-52.37	-30	PASS
n77	30	50	650000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2147.74	-65.44	-50	PASS
n77	30	50	650000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1877.90	-66.18	-50	PASS
n77	30	50	650000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	871.23	-67.03	-50	PASS
n77	30	50	650000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2652.55	-64.34	-50	PASS
n77	30	50	650000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	944.15	-66.60	-50	PASS

						MHz	MHz				
n77	30	50	650000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1490.40	-66.64	-50	PASS
n77	30	50	650000	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	874.76	-66.93	-50	PASS
n77	30	50	650000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	801.08	-67.01	-50	PASS
n77	30	50	650000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1508.13	-66.67	-50	PASS
n77	30	50	650000	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	871.74	-66.95	-50	PASS
n77	30	50	650000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	802.19	-67.02	-50	PASS
n77	30	50	650000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2018.27	-65.59	-50	PASS
n77	30	50	650000	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1912.32	-65.95	-50	PASS
n77	30	50	650000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2650.81	-64.30	-50	PASS
n77	30	50	650000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2374.30	-64.72	-50	PASS
n77	30	50	650000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2140.15	-65.46	-50	PASS
n77	30	50	650000	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1913.58	-71.11	-41	PASS
n77	30	50	650000	1@132	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.04	-36	PASS
n77	30	50	650000	1@132	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-62.90	-36	PASS
n77	30	50	650000	1@132	CP_QPSK	30 MHz-1000 MHz	100 kHz	32.04	-67.14	-36	PASS
n77	30	50	650000	1@132	CP_QPSK	1000 MHz-3670.00 MHz	1 MHz	3664.66	-57.79	-30	PASS
n77	30	50	650000	1@132	CP_QPSK	3830.00 MHz-6000 MHz	1 MHz	5978.30	-59.88	-30	PASS

						MHz					
n77	30	50	650000	1@132	CP_QPSK	6000 MHz-26 GHz	1 MHz	25243.33	-52.35	-30	PASS
n77	30	50	650000	1@132	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2124.04	-65.43	-50	PASS
n77	30	50	650000	1@132	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1869.80	-66.15	-50	PASS
n77	30	50	650000	1@132	CP_QPSK	869 MHz-894 MHz	1 MHz	870.68	-67.04	-50	PASS
n77	30	50	650000	1@132	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2644.78	-64.31	-50	PASS
n77	30	50	650000	1@132	CP_QPSK	925 MHz-960 MHz	1 MHz	944.29	-66.58	-50	PASS
n77	30	50	650000	1@132	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1495.12	-66.59	-50	PASS
n77	30	50	650000	1@132	CP_QPSK	860 MHz-875 MHz	1 MHz	870.76	-66.86	-50	PASS
n77	30	50	650000	1@132	CP_QPSK	791 MHz-821 MHz	1 MHz	795.68	-67.07	-50	PASS
n77	30	50	650000	1@132	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1509.01	-66.66	-50	PASS
n77	30	50	650000	1@132	CP_QPSK	859 MHz-894 MHz	1 MHz	872.27	-66.98	-50	PASS
n77	30	50	650000	1@132	CP_QPSK	758 MHz-803 MHz	1 MHz	799.76	-67.02	-50	PASS
n77	30	50	650000	1@132	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2014.56	-65.59	-50	PASS
n77	30	50	650000	1@132	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1892.36	-65.94	-50	PASS
n77	30	50	650000	1@132	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2640.92	-64.36	-50	PASS
n77	30	50	650000	1@132	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2375.50	-64.73	-50	PASS
n77	30	50	650000	1@132	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2121.34	-65.44	-50	PASS

						MHz					
n77	30	50	650000	1@132	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1885.78	-70.97	-41	PASS
n77	30	50	678332	133@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.32	-36	PASS
n77	30	50	678332	133@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-65.24	-36	PASS
n77	30	50	678332	133@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	32.04	-66.59	-36	PASS
n77	30	50	678332	133@0	CP_QPSK	1000 MHz-4094.98 MHz	1 MHz	4085.70	-53.81	-30	PASS
n77	30	50	678332	133@0	CP_QPSK	4254.98 MHz-6000 MHz	1 MHz	4259.34	-54.31	-30	PASS
n77	30	50	678332	133@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25253.33	-52.69	-30	PASS
n77	30	50	678332	133@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2125.18	-65.71	-50	PASS
n77	30	50	678332	133@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1876.93	-66.42	-50	PASS
n77	30	50	678332	133@0	CP_QPSK	869 MHz-894 MHz	1 MHz	870.88	-67.25	-50	PASS
n77	30	50	678332	133@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2643.38	-64.65	-50	PASS
n77	30	50	678332	133@0	CP_QPSK	925 MHz-960 MHz	1 MHz	944.08	-66.77	-50	PASS
n77	30	50	678332	133@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1486.90	-66.99	-50	PASS
n77	30	50	678332	133@0	CP_QPSK	860 MHz-875 MHz	1 MHz	874.16	-67.23	-50	PASS
n77	30	50	678332	133@0	CP_QPSK	791 MHz-821 MHz	1 MHz	809.48	-67.36	-50	PASS
n77	30	50	678332	133@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1499.59	-66.93	-50	PASS
n77	30	50	678332	133@0	CP_QPSK	859 MHz-894 MHz	1 MHz	871.25	-67.28	-50	PASS
n77	30	50	678332	133@0	CP_QPSK	758 MHz-803	1	801.16	-67.33	-50	PASS

						MHz	MHz				
n77	30	50	678332	133@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2021.28	-65.89	-50	PASS
n77	30	50	678332	133@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1894.60	-65.62	-50	PASS
n77	30	50	678332	133@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2644.60	-64.66	-50	PASS
n77	30	50	678332	133@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2373.40	-65.07	-50	PASS
n77	30	50	678332	133@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2129.62	-65.75	-50	PASS
n77	30	50	678332	133@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1908.34	-71.22	-41	PASS
n77	30	50	678332	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.41	-36	PASS
n77	30	50	678332	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.91	-36	PASS
n77	30	50	678332	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	32.04	-67.52	-36	PASS
n77	30	50	678332	1@0	CP_QPSK	1000 MHz-4094.98 MHz	1 MHz	3154.11	-58.31	-30	PASS
n77	30	50	678332	1@0	CP_QPSK	4254.98 MHz-6000 MHz	1 MHz	4262.25	-59.85	-30	PASS
n77	30	50	678332	1@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25255.00	-52.64	-30	PASS
n77	30	50	678332	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2131.60	-65.75	-50	PASS
n77	30	50	678332	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1876.85	-66.46	-50	PASS
n77	30	50	678332	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	872.83	-67.34	-50	PASS
n77	30	50	678332	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2642.33	-64.65	-50	PASS

n77	30	50	678332	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	944.11	-66.99	-50	PASS
n77	30	50	678332	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1483.90	-66.96	-50	PASS
n77	30	50	678332	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	871.57	-67.20	-50	PASS
n77	30	50	678332	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	795.47	-67.37	-50	PASS
n77	30	50	678332	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1499.98	-66.93	-50	PASS
n77	30	50	678332	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	872.30	-67.25	-50	PASS
n77	30	50	678332	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	788.06	-67.33	-50	PASS
n77	30	50	678332	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2024.46	-65.90	-50	PASS
n77	30	50	678332	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1900.12	-66.31	-50	PASS
n77	30	50	678332	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2648.10	-64.64	-50	PASS
n77	30	50	678332	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2377.80	-65.02	-50	PASS
n77	30	50	678332	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2195.32	-65.72	-50	PASS
n77	30	50	678332	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1900.57	-71.30	-41	PASS
n77	30	50	678332	1@132	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.41	-36	PASS
n77	30	50	678332	1@132	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.62	-36	PASS
n77	30	50	678332	1@132	CP_QPSK	30 MHz-1000 MHz	100 kHz	31.94	-67.77	-36	PASS
n77	30	50	678332	1@132	CP_QPSK	1000 MHz-4094.98 MHz	1 MHz	3160.30	-58.23	-30	PASS
n77	30	50	678332	1@132	CP_QPSK	4254.98	1	5966.55	-60.19	-30	PASS

						MHz-6000 MHz	MHz				
n77	30	50	678332	1@132	CP_QPSK	6000 MHz-26 GHz	1 MHz	25626.67	-52.66	-30	PASS
n77	30	50	678332	1@132	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2113.30	-65.73	-50	PASS
n77	30	50	678332	1@132	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1880.00	-66.43	-50	PASS
n77	30	50	678332	1@132	CP_QPSK	869 MHz-894 MHz	1 MHz	871.15	-67.31	-50	PASS
n77	30	50	678332	1@132	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2641.98	-64.64	-50	PASS
n77	30	50	678332	1@132	CP_QPSK	925 MHz-960 MHz	1 MHz	948.28	-67.08	-50	PASS
n77	30	50	678332	1@132	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1480.02	-67.01	-50	PASS
n77	30	50	678332	1@132	CP_QPSK	860 MHz-875 MHz	1 MHz	872.06	-67.30	-50	PASS
n77	30	50	678332	1@132	CP_QPSK	791 MHz-821 MHz	1 MHz	803.90	-67.35	-50	PASS
n77	30	50	678332	1@132	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1503.07	-66.99	-50	PASS
n77	30	50	678332	1@132	CP_QPSK	859 MHz-894 MHz	1 MHz	871.71	-67.25	-50	PASS
n77	30	50	678332	1@132	CP_QPSK	758 MHz-803 MHz	1 MHz	799.76	-67.31	-50	PASS
n77	30	50	678332	1@132	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2017.20	-63.18	-50	PASS
n77	30	50	678332	1@132	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1910.12	-66.34	-50	PASS
n77	30	50	678332	1@132	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2650.04	-64.65	-50	PASS
n77	30	50	678332	1@132	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2370.10	-65.08	-50	PASS
n77	30	50	678332	1@132	CP_QPSK	2110	1	2130.70	-65.77	-50	PASS

						MHz-2200 MHz	MHz				
n77	30	50	678332	1@132	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1907.46	-71.23	-41	PASS
n77	30	100	623334	273@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.74	-36	PASS
n77	30	100	623334	273@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.42	-36	PASS
n77	30	100	623334	273@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	32.04	-67.35	-36	PASS
n77	30	100	623334	273@0	CP_QPSK	1000 MHz-3195.01 MHz	1 MHz	3192.81	-52.26	-30	PASS
n77	30	100	623334	273@0	CP_QPSK	3505.01 MHz-6000 MHz	1 MHz	3509.17	-51.95	-30	PASS
n77	30	100	623334	273@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25246.67	-52.70	-30	PASS
n77	30	100	623334	273@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2138.32	-65.76	-50	PASS
n77	30	100	623334	273@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1878.20	-66.49	-50	PASS
n77	30	100	623334	273@0	CP_QPSK	869 MHz-894 MHz	1 MHz	871.78	-67.25	-50	PASS
n77	30	100	623334	273@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2640.23	-64.65	-50	PASS
n77	30	100	623334	273@0	CP_QPSK	925 MHz-960 MHz	1 MHz	944.15	-66.86	-50	PASS
n77	30	100	623334	273@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1492.58	-66.92	-50	PASS
n77	30	100	623334	273@0	CP_QPSK	860 MHz-875 MHz	1 MHz	870.01	-67.23	-50	PASS
n77	30	100	623334	273@0	CP_QPSK	791 MHz-821 MHz	1 MHz	810.08	-67.27	-50	PASS
n77	30	100	623334	273@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1500.40	-66.96	-50	PASS
n77	30	100	623334	273@0	CP_QPSK	859 MHz-894 MHz	1 MHz	890.85	-67.33	-50	PASS

n77	30	100	623334	273@0	CP_QPSK	758 MHz-803 MHz	1 MHz	780.14	-67.36	-50	PASS
n77	30	100	623334	273@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2010.87	-65.95	-50	PASS
n77	30	100	623334	273@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1909.20	-66.32	-50	PASS
n77	30	100	623334	273@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2640.92	-64.63	-50	PASS
n77	30	100	623334	273@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2373.00	-65.07	-50	PASS
n77	30	100	623334	273@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2122.15	-65.74	-50	PASS
n77	30	100	623334	273@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1901.82	-71.39	-41	PASS
n77	30	100	623334	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.06	-36	PASS
n77	30	100	623334	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.26	-36	PASS
n77	30	100	623334	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	739.85	-67.92	-36	PASS
n77	30	100	623334	1@0	CP_QPSK	1000 MHz-3195.01 MHz	1 MHz	3153.30	-57.83	-30	PASS
n77	30	100	623334	1@0	CP_QPSK	3505.01 MHz-6000 MHz	1 MHz	3588.18	-59.62	-30	PASS
n77	30	100	623334	1@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25251.67	-52.62	-30	PASS
n77	30	100	623334	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2119.48	-65.76	-50	PASS
n77	30	100	623334	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1873.93	-66.43	-50	PASS
n77	30	100	623334	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	891.38	-67.26	-50	PASS
n77	30	100	623334	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2644.43	-64.53	-50	PASS

						MHz					
n77	30	100	623334	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	944.22	-66.87	-50	PASS
n77	30	100	623334	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1492.48	-66.99	-50	PASS
n77	30	100	623334	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	867.91	-67.39	-50	PASS
n77	30	100	623334	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	791.81	-67.34	-50	PASS
n77	30	100	623334	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1497.61	-66.95	-50	PASS
n77	30	100	623334	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	871.67	-67.25	-50	PASS
n77	30	100	623334	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	795.58	-67.37	-50	PASS
n77	30	100	623334	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2019.78	-65.83	-50	PASS
n77	30	100	623334	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1910.72	-66.27	-50	PASS
n77	30	100	623334	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2638.78	-64.63	-50	PASS
n77	30	100	623334	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2376.70	-65.03	-50	PASS
n77	30	100	623334	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2154.64	-65.79	-50	PASS
n77	30	100	623334	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1898.10	-71.30	-41	PASS
n77	30	100	623334	1@272	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.32	-36	PASS
n77	30	100	623334	1@272	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-62.82	-36	PASS
n77	30	100	623334	1@272	CP_QPSK	30 MHz-1000 MHz	100 kHz	32.04	-67.88	-36	PASS
n77	30	100	623334	1@272	CP_QPSK	1000 MHz-3195.01 MHz	1 MHz	3140.13	-57.63	-30	PASS

n77	30	100	623334	1@272	CP_QPSK	3505.01 MHz-6000 MHz	1 MHz	3598.57	-59.22	-30	PASS
n77	30	100	623334	1@272	CP_QPSK	6000 MHz-26 GHz	1 MHz	25208.33	-52.68	-30	PASS
n77	30	100	623334	1@272	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2167.60	-65.78	-50	PASS
n77	30	100	623334	1@272	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1863.20	-66.49	-50	PASS
n77	30	100	623334	1@272	CP_QPSK	869 MHz-894 MHz	1 MHz	870.63	-67.32	-50	PASS
n77	30	100	623334	1@272	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2637.15	-64.65	-50	PASS
n77	30	100	623334	1@272	CP_QPSK	925 MHz-960 MHz	1 MHz	948.10	-67.14	-50	PASS
n77	30	100	623334	1@272	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1495.88	-66.87	-50	PASS
n77	30	100	623334	1@272	CP_QPSK	860 MHz-875 MHz	1 MHz	871.36	-67.31	-50	PASS
n77	30	100	623334	1@272	CP_QPSK	791 MHz-821 MHz	1 MHz	800.18	-67.29	-50	PASS
n77	30	100	623334	1@272	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1497.46	-66.96	-50	PASS
n77	30	100	623334	1@272	CP_QPSK	859 MHz-894 MHz	1 MHz	870.38	-67.37	-50	PASS
n77	30	100	623334	1@272	CP_QPSK	758 MHz-803 MHz	1 MHz	798.82	-67.32	-50	PASS
n77	30	100	623334	1@272	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2015.16	-65.93	-50	PASS
n77	30	100	623334	1@272	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1908.88	-66.22	-50	PASS
n77	30	100	623334	1@272	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2652.95	-64.66	-50	PASS
n77	30	100	623334	1@272	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2374.40	-65.08	-50	PASS

n77	30	100	623334	1@272	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2130.61	-65.71	-50	PASS
n77	30	100	623334	1@272	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1903.44	-71.39	-41	PASS
n77	30	100	650000	273@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.04	-36	PASS
n77	30	100	650000	273@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-62.60	-36	PASS
n77	30	100	650000	273@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	31.94	-67.64	-36	PASS
n77	30	100	650000	273@0	CP_QPSK	1000 MHz-3595.00 MHz	1 MHz	3592.41	-52.60	-30	PASS
n77	30	100	650000	273@0	CP_QPSK	3905.00 MHz-6000 MHz	1 MHz	3913.73	-55.00	-30	PASS
n77	30	100	650000	273@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25251.67	-52.22	-30	PASS
n77	30	100	650000	273@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2138.92	-65.43	-50	PASS
n77	30	100	650000	273@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1874.15	-66.23	-50	PASS
n77	30	100	650000	273@0	CP_QPSK	869 MHz-894 MHz	1 MHz	870.60	-66.98	-50	PASS
n77	30	100	650000	273@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2646.04	-64.34	-50	PASS
n77	30	100	650000	273@0	CP_QPSK	925 MHz-960 MHz	1 MHz	944.50	-66.80	-50	PASS
n77	30	100	650000	273@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1481.50	-66.69	-50	PASS
n77	30	100	650000	273@0	CP_QPSK	860 MHz-875 MHz	1 MHz	869.71	-67.00	-50	PASS
n77	30	100	650000	273@0	CP_QPSK	791 MHz-821 MHz	1 MHz	813.65	-67.04	-50	PASS
n77	30	100	650000	273@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1507.35	-66.56	-50	PASS
n77	30	100	650000	273@0	CP_QPSK	859 MHz-894	1	893.76	-67.02	-50	PASS

						MHz	MHz				
n77	30	100	650000	273@0	CP_QPSK	758 MHz-803 MHz	1 MHz	790.85	-67.03	-50	PASS
n77	30	100	650000	273@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2019.99	-65.54	-50	PASS
n77	30	100	650000	273@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1895.48	-65.99	-50	PASS
n77	30	100	650000	273@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2642.66	-64.23	-50	PASS
n77	30	100	650000	273@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2387.80	-64.67	-50	PASS
n77	30	100	650000	273@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2125.39	-65.44	-50	PASS
n77	30	100	650000	273@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1893.17	-69.65	-41	PASS
n77	30	100	650000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.17	-36	PASS
n77	30	100	650000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-62.18	-36	PASS
n77	30	100	650000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	31.94	-67.07	-36	PASS
n77	30	100	650000	1@0	CP_QPSK	1000 MHz-3595.00 MHz	1 MHz	3148.66	-57.89	-30	PASS
n77	30	100	650000	1@0	CP_QPSK	3905.00 MHz-6000 MHz	1 MHz	5982.54	-59.85	-30	PASS
n77	30	100	650000	1@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25250.00	-52.37	-30	PASS
n77	30	100	650000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2140.96	-65.46	-50	PASS
n77	30	100	650000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1876.48	-66.18	-50	PASS
n77	30	100	650000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	869.88	-67.04	-50	PASS
n77	30	100	650000	1@0	CP_QPSK	2620 MHz	1 MHz	2644.22	-64.33	-50	PASS

						MHz-2690 MHz	MHz				
n77	30	100	650000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	944.11	-66.65	-50	PASS
n77	30	100	650000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1493.52	-66.67	-50	PASS
n77	30	100	650000	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	872.90	-67.02	-50	PASS
n77	30	100	650000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	802.64	-67.03	-50	PASS
n77	30	100	650000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1497.03	-66.60	-50	PASS
n77	30	100	650000	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	870.13	-66.99	-50	PASS
n77	30	100	650000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	797.56	-67.03	-50	PASS
n77	30	100	650000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2020.55	-65.63	-50	PASS
n77	30	100	650000	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1903.84	-65.52	-50	PASS
n77	30	100	650000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2646.74	-64.37	-50	PASS
n77	30	100	650000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2376.40	-64.77	-50	PASS
n77	30	100	650000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2155.36	-65.44	-50	PASS
n77	30	100	650000	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1903.84	-69.13	-41	PASS
n77	30	100	650000	1@272	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.23	-36	PASS
n77	30	100	650000	1@272	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-61.20	-36	PASS
n77	30	100	650000	1@272	CP_QPSK	30 MHz-1000 MHz	100 kHz	32.04	-67.49	-36	PASS
n77	30	100	650000	1@272	CP_QPSK	1000 MHz-3595.00 MHz	1 MHz	3153.85	-57.90	-30	PASS

						MHz					
n77	30	100	650000	1@272	CP_QPSK	3905.00 MHz-6000 MHz	1 MHz	5998.25	-59.82	-30	PASS
n77	30	100	650000	1@272	CP_QPSK	6000 MHz-26 GHz	1 MHz	25251.67	-52.33	-30	PASS
n77	30	100	650000	1@272	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2138.80	-65.44	-50	PASS
n77	30	100	650000	1@272	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1878.80	-66.19	-50	PASS
n77	30	100	650000	1@272	CP_QPSK	869 MHz-894 MHz	1 MHz	876.63	-67.06	-50	PASS
n77	30	100	650000	1@272	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2648.70	-64.27	-50	PASS
n77	30	100	650000	1@272	CP_QPSK	925 MHz-960 MHz	1 MHz	944.32	-66.74	-50	PASS
n77	30	100	650000	1@272	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1493.32	-66.67	-50	PASS
n77	30	100	650000	1@272	CP_QPSK	860 MHz-875 MHz	1 MHz	870.65	-67.05	-50	PASS
n77	30	100	650000	1@272	CP_QPSK	791 MHz-821 MHz	1 MHz	791.03	-67.03	-50	PASS
n77	30	100	650000	1@272	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1510.54	-66.60	-50	PASS
n77	30	100	650000	1@272	CP_QPSK	859 MHz-894 MHz	1 MHz	881.93	-67.06	-50	PASS
n77	30	100	650000	1@272	CP_QPSK	758 MHz-803 MHz	1 MHz	798.19	-67.07	-50	PASS
n77	30	100	650000	1@272	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2024.58	-65.52	-50	PASS
n77	30	100	650000	1@272	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1894.80	-65.71	-50	PASS
n77	30	100	650000	1@272	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2647.13	-64.31	-50	PASS
n77	30	100	650000	1@272	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2381.40	-64.76	-50	PASS

						MHz					
n77	30	100	650000	1@272	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2140.51	-65.44	-50	PASS
n77	30	100	650000	1@272	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1906.59	-70.91	-41	PASS
n77	30	100	676666	273@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.09	-36	PASS
n77	30	100	676666	273@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-62.32	-36	PASS
n77	30	100	676666	273@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	32.04	-67.65	-36	PASS
n77	30	100	676666	273@0	CP_QPSK	1000 MHz-3994.99 MHz	1 MHz	3992.00	-52.35	-30	PASS
n77	30	100	676666	273@0	CP_QPSK	4304.99 MHz-6000 MHz	1 MHz	4309.23	-55.84	-30	PASS
n77	30	100	676666	273@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25220.00	-52.29	-30	PASS
n77	30	100	676666	273@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2161.42	-65.31	-50	PASS
n77	30	100	676666	273@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1877.98	-66.00	-50	PASS
n77	30	100	676666	273@0	CP_QPSK	869 MHz-894 MHz	1 MHz	885.95	-66.93	-50	PASS
n77	30	100	676666	273@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2636.38	-64.23	-50	PASS
n77	30	100	676666	273@0	CP_QPSK	925 MHz-960 MHz	1 MHz	944.11	-66.50	-50	PASS
n77	30	100	676666	273@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1484.36	-66.50	-50	PASS
n77	30	100	676666	273@0	CP_QPSK	860 MHz-875 MHz	1 MHz	870.41	-66.90	-50	PASS
n77	30	100	676666	273@0	CP_QPSK	791 MHz-821 MHz	1 MHz	795.05	-66.92	-50	PASS
n77	30	100	676666	273@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1500.79	-66.50	-50	PASS

n77	30	100	676666	273@0	CP_QPSK	859 MHz-894 MHz	1 MHz	877.03	-66.89	-50	PASS
n77	30	100	676666	273@0	CP_QPSK	758 MHz-803 MHz	1 MHz	790.49	-66.97	-50	PASS
n77	30	100	676666	273@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2016.21	-65.52	-50	PASS
n77	30	100	676666	273@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1888.92	-64.33	-50	PASS
n77	30	100	676666	273@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2644.41	-64.17	-50	PASS
n77	30	100	676666	273@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2384.50	-64.63	-50	PASS
n77	30	100	676666	273@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2137.18	-65.36	-50	PASS
n77	30	100	676666	273@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1901.69	-70.94	-41	PASS
n77	30	100	676666	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.86	-36	PASS
n77	30	100	676666	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-65.21	-36	PASS
n77	30	100	676666	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	32.04	-67.93	-36	PASS
n77	30	100	676666	1@0	CP_QPSK	1000 MHz-3994.99 MHz	1 MHz	3150.40	-57.67	-30	PASS
n77	30	100	676666	1@0	CP_QPSK	4304.99 MHz-6000 MHz	1 MHz	5997.17	-59.73	-30	PASS
n77	30	100	676666	1@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25591.67	-52.31	-30	PASS
n77	30	100	676666	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2124.70	-65.36	-50	PASS
n77	30	100	676666	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1878.80	-66.07	-50	PASS
n77	30	100	676666	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	880.33	-66.88	-50	PASS

n77	30	100	676666	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2637.22	-64.23	-50	PASS
n77	30	100	676666	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	948.56	-66.51	-50	PASS
n77	30	100	676666	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1493.68	-66.55	-50	PASS
n77	30	100	676666	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	864.74	-66.95	-50	PASS
n77	30	100	676666	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	805.76	-66.92	-50	PASS
n77	30	100	676666	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1508.46	-66.55	-50	PASS
n77	30	100	676666	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	880.49	-66.81	-50	PASS
n77	30	100	676666	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	802.87	-66.93	-50	PASS
n77	30	100	676666	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2017.88	-65.48	-50	PASS
n77	30	100	676666	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1896.60	-64.17	-50	PASS
n77	30	100	676666	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2637.23	-64.14	-50	PASS
n77	30	100	676666	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2381.30	-64.64	-50	PASS
n77	30	100	676666	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2135.02	-65.38	-50	PASS
n77	30	100	676666	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1904.12	-68.96	-41	PASS
n77	30	100	676666	1@272	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.54	-36	PASS
n77	30	100	676666	1@272	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-61.13	-36	PASS
n77	30	100	676666	1@272	CP_QPSK	30 MHz-1000 MHz	100 kHz	32.04	-67.31	-36	PASS
n77	30	100	676666	1@272	CP_QPSK	1000	1	3153.40	-57.81	-30	PASS

						MHz-3994.99 MHz	MHz				
n77	30	100	676666	1@272	CP_QPSK	4304.99 MHz-6000 MHz	1 MHz	5984.46	-59.76	-30	PASS
n77	30	100	676666	1@272	CP_QPSK	6000 MHz-26 GHz	1 MHz	25243.33	-52.24	-30	PASS
n77	30	100	676666	1@272	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2164.30	-65.33	-50	PASS
n77	30	100	676666	1@272	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1869.65	-66.11	-50	PASS
n77	30	100	676666	1@272	CP_QPSK	869 MHz-894 MHz	1 MHz	873.65	-66.92	-50	PASS
n77	30	100	676666	1@272	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2648.35	-64.24	-50	PASS
n77	30	100	676666	1@272	CP_QPSK	925 MHz-960 MHz	1 MHz	944.57	-66.80	-50	PASS
n77	30	100	676666	1@272	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1477.96	-66.49	-50	PASS
n77	30	100	676666	1@272	CP_QPSK	860 MHz-875 MHz	1 MHz	872.36	-66.91	-50	PASS
n77	30	100	676666	1@272	CP_QPSK	791 MHz-821 MHz	1 MHz	801.11	-66.91	-50	PASS
n77	30	100	676666	1@272	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1506.15	-66.52	-50	PASS
n77	30	100	676666	1@272	CP_QPSK	859 MHz-894 MHz	1 MHz	891.62	-66.91	-50	PASS
n77	30	100	676666	1@272	CP_QPSK	758 MHz-803 MHz	1 MHz	778.48	-66.90	-50	PASS
n77	30	100	676666	1@272	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2019.53	-65.51	-50	PASS
n77	30	100	676666	1@272	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1917.68	-65.77	-50	PASS
n77	30	100	676666	1@272	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2643.05	-64.18	-50	PASS
n77	30	100	676666	1@272	CP_QPSK	2300	1	2390.80	-64.63	-50	PASS

						MHz-2400 MHz	MHz				
n77	30	100	676666	1@272	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2190.82	-65.34	-50	PASS
n77	30	100	676666	1@272	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1897.10	-70.95	-41	PASS
n78	30	10	647000	24@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.13	-36	PASS
n78	30	10	647000	24@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-64.56	-36	PASS
n78	30	10	647000	24@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	31.94	-68.50	-36	PASS
n78	30	10	647000	24@0	CP_QPSK	1000 MHz-3685.00 MHz	1 MHz	3682.32	-56.89	-30	PASS
n78	30	10	647000	24@0	CP_QPSK	3725.00 MHz-6000 MHz	1 MHz	3726.90	-57.71	-30	PASS
n78	30	10	647000	24@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25246.67	-52.40	-30	PASS
n78	30	10	647000	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2116.96	-65.61	-50	PASS
n78	30	10	647000	24@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1871.15	-66.38	-50	PASS
n78	30	10	647000	24@0	CP_QPSK	869 MHz-894 MHz	1 MHz	875.78	-67.24	-50	PASS
n78	30	10	647000	24@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2646.04	-64.45	-50	PASS
n78	30	10	647000	24@0	CP_QPSK	925 MHz-960 MHz	1 MHz	944.64	-66.92	-50	PASS
n78	30	10	647000	24@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1491.88	-66.85	-50	PASS
n78	30	10	647000	24@0	CP_QPSK	860 MHz-875 MHz	1 MHz	873.13	-67.18	-50	PASS
n78	30	10	647000	24@0	CP_QPSK	791 MHz-821 MHz	1 MHz	798.68	-67.17	-50	PASS
n78	30	10	647000	24@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1507.45	-66.84	-50	PASS

						MHz					
n78	30	10	647000	24@0	CP_QPSK	859 MHz-894 MHz	1 MHz	868.87	-67.21	-50	PASS
n78	30	10	647000	24@0	CP_QPSK	758 MHz-803 MHz	1 MHz	792.79	-67.21	-50	PASS
n78	30	10	647000	24@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2011.13	-64.24	-50	PASS
n78	30	10	647000	24@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1915.36	-66.16	-50	PASS
n78	30	10	647000	24@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2642.47	-64.55	-50	PASS
n78	30	10	647000	24@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2374.20	-64.94	-50	PASS
n78	30	10	647000	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2178.67	-65.63	-50	PASS
n78	30	10	647000	24@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1915.39	-71.24	-41	PASS
n78	30	10	647000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.66	-36	PASS
n78	30	10	647000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-63.03	-36	PASS
n78	30	10	647000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	32.04	-68.78	-36	PASS
n78	30	10	647000	1@0	CP_QPSK	1000 MHz-3685.00 MHz	1 MHz	3148.00	-57.96	-30	PASS
n78	30	10	647000	1@0	CP_QPSK	3725.00 MHz-6000 MHz	1 MHz	6000.00	-59.91	-30	PASS
n78	30	10	647000	1@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25250.00	-52.36	-30	PASS
n78	30	10	647000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2118.10	-65.64	-50	PASS
n78	30	10	647000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1875.73	-66.33	-50	PASS
n78	30	10	647000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	875.48	-67.17	-50	PASS

						MHz	MHz				
n78	30	10	647000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2653.46	-64.48	-50	PASS
n78	30	10	647000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	945.76	-66.93	-50	PASS
n78	30	10	647000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1494.40	-66.82	-50	PASS
n78	30	10	647000	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	867.46	-67.21	-50	PASS
n78	30	10	647000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	804.44	-67.22	-50	PASS
n78	30	10	647000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1504.54	-66.75	-50	PASS
n78	30	10	647000	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	863.73	-67.23	-50	PASS
n78	30	10	647000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	795.31	-67.19	-50	PASS
n78	30	10	647000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2017.85	-63.92	-50	PASS
n78	30	10	647000	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1904.08	-66.18	-50	PASS
n78	30	10	647000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2658.38	-64.47	-50	PASS
n78	30	10	647000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2376.60	-64.93	-50	PASS
n78	30	10	647000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2197.39	-65.67	-50	PASS
n78	30	10	647000	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1904.87	-71.23	-41	PASS
n78	30	10	647000	1@23	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.02	-36	PASS
n78	30	10	647000	1@23	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-63.23	-36	PASS
n78	30	10	647000	1@23	CP_QPSK	30 MHz-1000 MHz	100 kHz	32.04	-67.95	-36	PASS

n78	30	10	647000	1@23	CP_QPSK	1000 MHz-3685.00 MHz	1 MHz	3153.37	-57.93	-30	PASS
n78	30	10	647000	1@23	CP_QPSK	3725.00 MHz-6000 MHz	1 MHz	5998.10	-59.80	-30	PASS
n78	30	10	647000	1@23	CP_QPSK	6000 MHz-26 GHz	1 MHz	25248.33	-52.38	-30	PASS
n78	30	10	647000	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2157.52	-65.55	-50	PASS
n78	30	10	647000	1@23	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1871.45	-66.37	-50	PASS
n78	30	10	647000	1@23	CP_QPSK	869 MHz-894 MHz	1 MHz	893.25	-67.24	-50	PASS
n78	30	10	647000	1@23	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2651.99	-64.49	-50	PASS
n78	30	10	647000	1@23	CP_QPSK	925 MHz-960 MHz	1 MHz	930.78	-67.12	-50	PASS
n78	30	10	647000	1@23	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1495.84	-66.74	-50	PASS
n78	30	10	647000	1@23	CP_QPSK	860 MHz-875 MHz	1 MHz	871.46	-67.16	-50	PASS
n78	30	10	647000	1@23	CP_QPSK	791 MHz-821 MHz	1 MHz	819.53	-67.23	-50	PASS
n78	30	10	647000	1@23	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1505.07	-66.76	-50	PASS
n78	30	10	647000	1@23	CP_QPSK	859 MHz-894 MHz	1 MHz	880.07	-67.20	-50	PASS
n78	30	10	647000	1@23	CP_QPSK	758 MHz-803 MHz	1 MHz	802.73	-67.28	-50	PASS
n78	30	10	647000	1@23	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2019.41	-65.78	-50	PASS
n78	30	10	647000	1@23	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1897.84	-65.58	-50	PASS
n78	30	10	647000	1@23	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2645.38	-64.58	-50	PASS

n78	30	10	647000	1@23	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2377.00	-64.89	-50	PASS
n78	30	10	647000	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2119.45	-65.65	-50	PASS
n78	30	10	647000	1@23	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1903.91	-71.03	-41	PASS
n78	30	10	650000	24@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.00	-36	PASS
n78	30	10	650000	24@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.67	-36	PASS
n78	30	10	650000	24@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	31.94	-68.34	-36	PASS
n78	30	10	650000	24@0	CP_QPSK	1000 MHz-3730.00 MHz	1 MHz	3153.97	-57.81	-30	PASS
n78	30	10	650000	24@0	CP_QPSK	3770.00 MHz-6000 MHz	1 MHz	3771.86	-56.39	-30	PASS
n78	30	10	650000	24@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25245.00	-52.32	-30	PASS
n78	30	10	650000	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2125.54	-65.56	-50	PASS
n78	30	10	650000	24@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1875.73	-66.34	-50	PASS
n78	30	10	650000	24@0	CP_QPSK	869 MHz-894 MHz	1 MHz	892.35	-67.18	-50	PASS
n78	30	10	650000	24@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2641.42	-64.39	-50	PASS
n78	30	10	650000	24@0	CP_QPSK	925 MHz-960 MHz	1 MHz	926.96	-67.16	-50	PASS
n78	30	10	650000	24@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1492.70	-66.73	-50	PASS
n78	30	10	650000	24@0	CP_QPSK	860 MHz-875 MHz	1 MHz	870.77	-67.08	-50	PASS
n78	30	10	650000	24@0	CP_QPSK	791 MHz-821 MHz	1 MHz	817.31	-67.17	-50	PASS
n78	30	10	650000	24@0	CP_QPSK	1495.9	1	1503.54	-66.81	-50	PASS

						MHz-1510.9 MHz	MHz				
n78	30	10	650000	24@0	CP_QPSK	859 MHz-894 MHz	1 MHz	872.86	-66.64	-50	PASS
n78	30	10	650000	24@0	CP_QPSK	758 MHz-803 MHz	1 MHz	799.94	-67.17	-50	PASS
n78	30	10	650000	24@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2014.71	-64.19	-50	PASS
n78	30	10	650000	24@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1917.68	-66.12	-50	PASS
n78	30	10	650000	24@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2648.10	-64.47	-50	PASS
n78	30	10	650000	24@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2372.50	-64.88	-50	PASS
n78	30	10	650000	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2131.15	-65.50	-50	PASS
n78	30	10	650000	24@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1894.08	-71.12	-41	PASS
n78	30	10	650000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.11	-36	PASS
n78	30	10	650000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-64.76	-36	PASS
n78	30	10	650000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	827.73	-69.20	-36	PASS
n78	30	10	650000	1@0	CP_QPSK	1000 MHz-3730.00 MHz	1 MHz	3159.43	-57.82	-30	PASS
n78	30	10	650000	1@0	CP_QPSK	3770.00 MHz-6000 MHz	1 MHz	5981.42	-59.88	-30	PASS
n78	30	10	650000	1@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25585.00	-52.35	-30	PASS
n78	30	10	650000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2137.12	-65.60	-50	PASS
n78	30	10	650000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1879.93	-66.26	-50	PASS

n78	30	10	650000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	874.93	-67.16	-50	PASS
n78	30	10	650000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2648.63	-64.47	-50	PASS
n78	30	10	650000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	945.90	-67.03	-50	PASS
n78	30	10	650000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1488.36	-66.80	-50	PASS
n78	30	10	650000	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	871.00	-67.15	-50	PASS
n78	30	10	650000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	806.27	-67.13	-50	PASS
n78	30	10	650000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1507.81	-66.77	-50	PASS
n78	30	10	650000	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	889.38	-66.06	-50	PASS
n78	30	10	650000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	791.98	-67.19	-50	PASS
n78	30	10	650000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2024.49	-65.64	-50	PASS
n78	30	10	650000	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1914.44	-66.10	-50	PASS
n78	30	10	650000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2655.27	-64.42	-50	PASS
n78	30	10	650000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2384.70	-64.83	-50	PASS
n78	30	10	650000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2118.64	-65.57	-50	PASS
n78	30	10	650000	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1894.45	-71.18	-41	PASS
n78	30	10	650000	1@23	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-57.83	-36	PASS
n78	30	10	650000	1@23	CP_QPSK	150 kHz-30 MHz	10 kHz	0.20	-64.83	-36	PASS
n78	30	10	650000	1@23	CP_QPSK	30 MHz-1000	100	99.94	-69.27	-36	PASS

						MHz	kHz				
n78	30	10	650000	1@23	CP_QPSK	1000 MHz-3730.00 MHz	1 MHz	3148.51	-57.83	-30	PASS
n78	30	10	650000	1@23	CP_QPSK	3770.00 MHz-6000 MHz	1 MHz	5957.26	-59.91	-30	PASS
n78	30	10	650000	1@23	CP_QPSK	6000 MHz-26 GHz	1 MHz	25575.00	-52.37	-30	PASS
n78	30	10	650000	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2167.30	-65.48	-50	PASS
n78	30	10	650000	1@23	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1873.10	-66.31	-50	PASS
n78	30	10	650000	1@23	CP_QPSK	869 MHz-894 MHz	1 MHz	872.15	-67.09	-50	PASS
n78	30	10	650000	1@23	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2638.20	-64.37	-50	PASS
n78	30	10	650000	1@23	CP_QPSK	925 MHz-960 MHz	1 MHz	944.18	-66.86	-50	PASS
n78	30	10	650000	1@23	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1489.86	-66.83	-50	PASS
n78	30	10	650000	1@23	CP_QPSK	860 MHz-875 MHz	1 MHz	871.67	-66.99	-50	PASS
n78	30	10	650000	1@23	CP_QPSK	791 MHz-821 MHz	1 MHz	807.29	-67.15	-50	PASS
n78	30	10	650000	1@23	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1506.55	-66.78	-50	PASS
n78	30	10	650000	1@23	CP_QPSK	859 MHz-894 MHz	1 MHz	876.71	-67.08	-50	PASS
n78	30	10	650000	1@23	CP_QPSK	758 MHz-803 MHz	1 MHz	779.11	-67.21	-50	PASS
n78	30	10	650000	1@23	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2019.11	-65.77	-50	PASS
n78	30	10	650000	1@23	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1916.96	-66.11	-50	PASS
n78	30	10	650000	1@23	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2634.52	-64.51	-50	PASS

						MHz					
n78	30	10	650000	1@23	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2372.20	-64.82	-50	PASS
n78	30	10	650000	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2130.34	-65.59	-50	PASS
n78	30	10	650000	1@23	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1895.58	-66.61	-41	PASS
n78	30	10	653000	24@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.99	-36	PASS
n78	30	10	653000	24@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-61.93	-36	PASS
n78	30	10	653000	24@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	738.97	-69.36	-36	PASS
n78	30	10	653000	24@0	CP_QPSK	1000 MHz-3775.00 MHz	1 MHz	3772.23	-57.62	-30	PASS
n78	30	10	653000	24@0	CP_QPSK	3815.00 MHz-6000 MHz	1 MHz	3816.82	-57.07	-30	PASS
n78	30	10	653000	24@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25613.33	-52.19	-30	PASS
n78	30	10	653000	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2143.90	-65.48	-50	PASS
n78	30	10	653000	24@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1860.28	-66.23	-50	PASS
n78	30	10	653000	24@0	CP_QPSK	869 MHz-894 MHz	1 MHz	874.90	-66.97	-50	PASS
n78	30	10	653000	24@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2646.88	-64.35	-50	PASS
n78	30	10	653000	24@0	CP_QPSK	925 MHz-960 MHz	1 MHz	944.25	-66.22	-50	PASS
n78	30	10	653000	24@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1490.20	-66.70	-50	PASS
n78	30	10	653000	24@0	CP_QPSK	860 MHz-875 MHz	1 MHz	873.79	-67.03	-50	PASS
n78	30	10	653000	24@0	CP_QPSK	791 MHz-821 MHz	1 MHz	817.97	-67.04	-50	PASS

n78	30	10	653000	24@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1497.36	-66.62	-50	PASS
n78	30	10	653000	24@0	CP_QPSK	859 MHz-894 MHz	1 MHz	873.18	-66.99	-50	PASS
n78	30	10	653000	24@0	CP_QPSK	758 MHz-803 MHz	1 MHz	799.22	-67.06	-50	PASS
n78	30	10	653000	24@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2021.04	-65.64	-50	PASS
n78	30	10	653000	24@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1913.08	-65.99	-50	PASS
n78	30	10	653000	24@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2643.83	-64.33	-50	PASS
n78	30	10	653000	24@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2376.40	-64.66	-50	PASS
n78	30	10	653000	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2128.81	-65.45	-50	PASS
n78	30	10	653000	24@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1909.96	-70.99	-41	PASS
n78	30	10	653000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.86	-36	PASS
n78	30	10	653000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-62.37	-36	PASS
n78	30	10	653000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	777.97	-69.11	-36	PASS
n78	30	10	653000	1@0	CP_QPSK	1000 MHz-3775.00 MHz	1 MHz	3136.75	-57.82	-30	PASS
n78	30	10	653000	1@0	CP_QPSK	3815.00 MHz-6000 MHz	1 MHz	5974.51	-59.73	-30	PASS
n78	30	10	653000	1@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25246.67	-52.14	-30	PASS
n78	30	10	653000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2128.18	-65.37	-50	PASS
n78	30	10	653000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1876.10	-66.19	-50	PASS

						MHz					
n78	30	10	653000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	871.98	-66.95	-50	PASS
n78	30	10	653000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2641.70	-64.29	-50	PASS
n78	30	10	653000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	944.18	-66.61	-50	PASS
n78	30	10	653000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1494.44	-66.61	-50	PASS
n78	30	10	653000	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	872.30	-66.89	-50	PASS
n78	30	10	653000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	798.74	-67.00	-50	PASS
n78	30	10	653000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1503.34	-66.62	-50	PASS
n78	30	10	653000	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	871.04	-66.93	-50	PASS
n78	30	10	653000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	782.89	-67.03	-50	PASS
n78	30	10	653000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2013.12	-65.61	-50	PASS
n78	30	10	653000	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1913.08	-65.96	-50	PASS
n78	30	10	653000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2654.89	-64.28	-50	PASS
n78	30	10	653000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2378.00	-64.64	-50	PASS
n78	30	10	653000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2141.77	-65.44	-50	PASS
n78	30	10	653000	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1903.25	-71.02	-41	PASS
n78	30	10	653000	1@23	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.07	-36	PASS
n78	30	10	653000	1@23	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-62.77	-36	PASS

n78	30	10	653000	1@23	CP_QPSK	30 MHz-1000 MHz	100 kHz	433.91	-43.12	-36	PASS
n78	30	10	653000	1@23	CP_QPSK	1000 MHz-3775.00 MHz	1 MHz	3158.95	-57.64	-30	PASS
n78	30	10	653000	1@23	CP_QPSK	3815.00 MHz-6000 MHz	1 MHz	6000.00	-59.59	-30	PASS
n78	30	10	653000	1@23	CP_QPSK	6000 MHz-26 GHz	1 MHz	25246.67	-52.15	-30	PASS
n78	30	10	653000	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2134.90	-65.37	-50	PASS
n78	30	10	653000	1@23	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1868.15	-66.17	-50	PASS
n78	30	10	653000	1@23	CP_QPSK	869 MHz-894 MHz	1 MHz	872.83	-66.95	-50	PASS
n78	30	10	653000	1@23	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2638.90	-64.28	-50	PASS
n78	30	10	653000	1@23	CP_QPSK	925 MHz-960 MHz	1 MHz	948.52	-66.79	-50	PASS
n78	30	10	653000	1@23	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1495.76	-66.57	-50	PASS
n78	30	10	653000	1@23	CP_QPSK	860 MHz-875 MHz	1 MHz	874.13	-66.99	-50	PASS
n78	30	10	653000	1@23	CP_QPSK	791 MHz-821 MHz	1 MHz	798.62	-66.99	-50	PASS
n78	30	10	653000	1@23	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1508.98	-66.61	-50	PASS
n78	30	10	653000	1@23	CP_QPSK	859 MHz-894 MHz	1 MHz	869.61	-66.95	-50	PASS
n78	30	10	653000	1@23	CP_QPSK	758 MHz-803 MHz	1 MHz	795.35	-67.02	-50	PASS
n78	30	10	653000	1@23	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2024.93	-65.52	-50	PASS
n78	30	10	653000	1@23	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1918.36	-65.90	-50	PASS
n78	30	10	653000	1@23	CP_QPSK	2496	1	2646.93	-64.32	-50	PASS

						MHz-2690 MHz	MHz				
n78	30	10	653000	1@23	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2374.60	-64.70	-50	PASS
n78	30	10	653000	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2140.69	-65.41	-50	PASS
n78	30	10	653000	1@23	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1892.55	-70.34	-41	PASS
n78	30	50	648333	133@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.78	-36	PASS
n78	30	50	648333	133@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.19	-65.42	-36	PASS
n78	30	50	648333	133@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-68.60	-36	PASS
n78	30	50	648333	133@0	CP_QPSK	1000 MHz-3645.00 MHz	1 MHz	3637.07	-53.01	-30	PASS
n78	30	50	648333	133@0	CP_QPSK	3805.00 MHz-6000 MHz	1 MHz	3806.83	-54.62	-30	PASS
n78	30	50	648333	133@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25623.33	-52.30	-30	PASS
n78	30	50	648333	133@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2140.72	-65.52	-50	PASS
n78	30	50	648333	133@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1877.23	-66.27	-50	PASS
n78	30	50	648333	133@0	CP_QPSK	869 MHz-894 MHz	1 MHz	869.68	-67.08	-50	PASS
n78	30	50	648333	133@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2643.80	-64.39	-50	PASS
n78	30	50	648333	133@0	CP_QPSK	925 MHz-960 MHz	1 MHz	948.35	-66.83	-50	PASS
n78	30	50	648333	133@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1495.16	-66.79	-50	PASS
n78	30	50	648333	133@0	CP_QPSK	860 MHz-875 MHz	1 MHz	873.53	-67.12	-50	PASS
n78	30	50	648333	133@0	CP_QPSK	791 MHz-821 MHz	1 MHz	795.95	-67.14	-50	PASS

						MHz	MHz				
n78	30	50	648333	133@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1507.71	-66.73	-50	PASS
n78	30	50	648333	133@0	CP_QPSK	859 MHz-894 MHz	1 MHz	872.58	-67.13	-50	PASS
n78	30	50	648333	133@0	CP_QPSK	758 MHz-803 MHz	1 MHz	796.12	-67.13	-50	PASS
n78	30	50	648333	133@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2012.40	-65.67	-50	PASS
n78	30	50	648333	133@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1903.96	-66.07	-50	PASS
n78	30	50	648333	133@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2642.08	-64.40	-50	PASS
n78	30	50	648333	133@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2382.40	-64.86	-50	PASS
n78	30	50	648333	133@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2112.61	-65.58	-50	PASS
n78	30	50	648333	133@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1902.28	-69.66	-41	PASS
n78	30	50	648333	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.48	-36	PASS
n78	30	50	648333	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-62.47	-36	PASS
n78	30	50	648333	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-69.02	-36	PASS
n78	30	50	648333	1@0	CP_QPSK	1000 MHz-3645.00 MHz	1 MHz	3153.03	-57.81	-30	PASS
n78	30	50	648333	1@0	CP_QPSK	3805.00 MHz-6000 MHz	1 MHz	5981.71	-59.83	-30	PASS
n78	30	50	648333	1@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25250.00	-52.29	-30	PASS
n78	30	50	648333	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2131.06	-65.46	-50	PASS
n78	30	50	648333	1@0	CP_QPSK	1805	1	1876.78	-66.31	-50	PASS

						MHz-1880 MHz	MHz				
n78	30	50	648333	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	870.00	-67.00	-50	PASS
n78	30	50	648333	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2647.23	-64.43	-50	PASS
n78	30	50	648333	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	944.36	-66.94	-50	PASS
n78	30	50	648333	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1491.78	-66.69	-50	PASS
n78	30	50	648333	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	870.91	-67.16	-50	PASS
n78	30	50	648333	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	802.64	-67.11	-50	PASS
n78	30	50	648333	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1500.70	-66.73	-50	PASS
n78	30	50	648333	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	875.52	-67.08	-50	PASS
n78	30	50	648333	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	798.19	-67.16	-50	PASS
n78	30	50	648333	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2010.63	-65.71	-50	PASS
n78	30	50	648333	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1896.64	-65.64	-50	PASS
n78	30	50	648333	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2645.96	-64.45	-50	PASS
n78	30	50	648333	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2374.20	-64.78	-50	PASS
n78	30	50	648333	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2121.34	-65.53	-50	PASS
n78	30	50	648333	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1903.81	-70.77	-41	PASS
n78	30	50	648333	1@132	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.14	-36	PASS
n78	30	50	648333	1@132	CP_QPSK	150 kHz-30	10	0.17	-64.66	-36	PASS

						MHz	kHz				
n78	30	50	648333	1@132	CP_QPSK	30 MHz-1000	100	259.99	-68.68	-36	PASS
						MHz	kHz				
n78	30	50	648333	1@132	CP_QPSK	1000	1	3645.00	-56.64	-30	PASS
						MHz-3645.00	MHz				
						MHz					
n78	30	50	648333	1@132	CP_QPSK	3805.00	1	3808.66	-59.50	-30	PASS
						MHz-6000	MHz				
						MHz					
n78	30	50	648333	1@132	CP_QPSK	6000 MHz-26	1	25245.00	-52.25	-30	PASS
						GHz	MHz				
n78	30	50	648333	1@132	CP_QPSK	2110	1	2128.60	-65.53	-50	PASS
						MHz-2170	MHz				
						MHz					
n78	30	50	648333	1@132	CP_QPSK	1805	1	1875.95	-66.29	-50	PASS
						MHz-1880	MHz				
						MHz					
n78	30	50	648333	1@132	CP_QPSK	869 MHz-894	1	893.55	-67.12	-50	PASS
						MHz	MHz				
n78	30	50	648333	1@132	CP_QPSK	2620	1	2649.68	-64.38	-50	PASS
						MHz-2690	MHz				
						MHz					
n78	30	50	648333	1@132	CP_QPSK	925 MHz-960	1	944.36	-66.68	-50	PASS
						MHz	MHz				
n78	30	50	648333	1@132	CP_QPSK	1475.9	1	1480.66	-66.79	-50	PASS
						MHz-1495.9	MHz				
						MHz					
n78	30	50	648333	1@132	CP_QPSK	860 MHz-875	1	871.24	-67.02	-50	PASS
						MHz	MHz				
n78	30	50	648333	1@132	CP_QPSK	791 MHz-821	1	806.51	-67.14	-50	PASS
						MHz	MHz				
n78	30	50	648333	1@132	CP_QPSK	1495.9	1	1507.92	-66.77	-50	PASS
						MHz-1510.9	MHz				
						MHz					
n78	30	50	648333	1@132	CP_QPSK	859 MHz-894	1	865.97	-67.07	-50	PASS
						MHz	MHz				
n78	30	50	648333	1@132	CP_QPSK	758 MHz-803	1	787.75	-67.13	-50	PASS
						MHz	MHz				
n78	30	50	648333	1@132	CP_QPSK	2010	1	2014.08	-65.66	-50	PASS
						MHz-2025	MHz				
						MHz					
n78	30	50	648333	1@132	CP_QPSK	1880	1	1919.40	-66.02	-50	PASS
						MHz-1920	MHz				
						MHz					

n78	30	50	648333	1@132	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2647.51	-64.36	-50	PASS
n78	30	50	648333	1@132	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2366.20	-64.85	-50	PASS
n78	30	50	648333	1@132	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2137.63	-65.52	-50	PASS
n78	30	50	648333	1@132	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1894.05	-71.20	-41	PASS
n78	30	50	650000	133@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.63	-36	PASS
n78	30	50	650000	133@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.19	-62.91	-36	PASS
n78	30	50	650000	133@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	948.69	-69.09	-36	PASS
n78	30	50	650000	133@0	CP_QPSK	1000 MHz-3670.00 MHz	1 MHz	3670.00	-53.23	-30	PASS
n78	30	50	650000	133@0	CP_QPSK	3830.00 MHz-6000 MHz	1 MHz	3839.04	-53.23	-30	PASS
n78	30	50	650000	133@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25581.67	-52.23	-30	PASS
n78	30	50	650000	133@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2141.38	-65.43	-50	PASS
n78	30	50	650000	133@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1878.28	-66.15	-50	PASS
n78	30	50	650000	133@0	CP_QPSK	869 MHz-894 MHz	1 MHz	877.65	-67.04	-50	PASS
n78	30	50	650000	133@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2642.54	-64.36	-50	PASS
n78	30	50	650000	133@0	CP_QPSK	925 MHz-960 MHz	1 MHz	944.29	-66.68	-50	PASS
n78	30	50	650000	133@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1487.02	-66.77	-50	PASS
n78	30	50	650000	133@0	CP_QPSK	860 MHz-875 MHz	1 MHz	870.68	-66.96	-50	PASS

n78	30	50	650000	133@0	CP_QPSK	791 MHz-821 MHz	1 MHz	806.90	-67.07	-50	PASS
n78	30	50	650000	133@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1510.62	-66.70	-50	PASS
n78	30	50	650000	133@0	CP_QPSK	859 MHz-894 MHz	1 MHz	871.67	-67.13	-50	PASS
n78	30	50	650000	133@0	CP_QPSK	758 MHz-803 MHz	1 MHz	782.44	-67.14	-50	PASS
n78	30	50	650000	133@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2024.19	-63.38	-50	PASS
n78	30	50	650000	133@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1913.84	-66.03	-50	PASS
n78	30	50	650000	133@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2651.39	-64.43	-50	PASS
n78	30	50	650000	133@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2378.70	-64.82	-50	PASS
n78	30	50	650000	133@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2130.43	-65.45	-50	PASS
n78	30	50	650000	133@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1912.02	-70.96	-41	PASS
n78	30	50	650000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.51	-36	PASS
n78	30	50	650000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-62.72	-36	PASS
n78	30	50	650000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	433.91	-44.48	-36	PASS
n78	30	50	650000	1@0	CP_QPSK	1000 MHz-3670.00 MHz	1 MHz	3152.02	-57.78	-30	PASS
n78	30	50	650000	1@0	CP_QPSK	3830.00 MHz-6000 MHz	1 MHz	3831.81	-59.48	-30	PASS
n78	30	50	650000	1@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25246.67	-52.20	-30	PASS
n78	30	50	650000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2133.28	-65.48	-50	PASS

n78	30	50	650000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1874.98	-66.23	-50	PASS
n78	30	50	650000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	870.20	-67.06	-50	PASS
n78	30	50	650000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2641.28	-64.39	-50	PASS
n78	30	50	650000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	944.01	-66.69	-50	PASS
n78	30	50	650000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1487.32	-66.74	-50	PASS
n78	30	50	650000	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	872.48	-67.06	-50	PASS
n78	30	50	650000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	801.26	-67.05	-50	PASS
n78	30	50	650000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1498.26	-66.67	-50	PASS
n78	30	50	650000	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	872.37	-67.01	-50	PASS
n78	30	50	650000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	795.76	-67.13	-50	PASS
n78	30	50	650000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2021.73	-65.68	-50	PASS
n78	30	50	650000	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1919.44	-66.06	-50	PASS
n78	30	50	650000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2658.38	-64.31	-50	PASS
n78	30	50	650000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2398.80	-64.77	-50	PASS
n78	30	50	650000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2126.20	-65.55	-50	PASS
n78	30	50	650000	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1904.03	-70.94	-41	PASS
n78	30	50	650000	1@132	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-57.53	-36	PASS

n78	30	50	650000	1@132	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.27	-36	PASS
n78	30	50	650000	1@132	CP_QPSK	30 MHz-1000 MHz	100 kHz	787.67	-69.15	-36	PASS
n78	30	50	650000	1@132	CP_QPSK	1000 MHz-3670.00 MHz	1 MHz	3667.33	-57.59	-30	PASS
n78	30	50	650000	1@132	CP_QPSK	3830.00 MHz-6000 MHz	1 MHz	5980.11	-59.80	-30	PASS
n78	30	50	650000	1@132	CP_QPSK	6000 MHz-26 GHz	1 MHz	25236.67	-52.19	-30	PASS
n78	30	50	650000	1@132	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2134.84	-65.53	-50	PASS
n78	30	50	650000	1@132	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1878.95	-66.26	-50	PASS
n78	30	50	650000	1@132	CP_QPSK	869 MHz-894 MHz	1 MHz	872.83	-67.08	-50	PASS
n78	30	50	650000	1@132	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2655.14	-64.34	-50	PASS
n78	30	50	650000	1@132	CP_QPSK	925 MHz-960 MHz	1 MHz	944.15	-66.64	-50	PASS
n78	30	50	650000	1@132	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1489.52	-66.67	-50	PASS
n78	30	50	650000	1@132	CP_QPSK	860 MHz-875 MHz	1 MHz	873.04	-67.05	-50	PASS
n78	30	50	650000	1@132	CP_QPSK	791 MHz-821 MHz	1 MHz	811.61	-67.03	-50	PASS
n78	30	50	650000	1@132	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1501.62	-66.65	-50	PASS
n78	30	50	650000	1@132	CP_QPSK	859 MHz-894 MHz	1 MHz	875.59	-67.06	-50	PASS
n78	30	50	650000	1@132	CP_QPSK	758 MHz-803 MHz	1 MHz	802.87	-67.04	-50	PASS
n78	30	50	650000	1@132	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2019.65	-63.38	-50	PASS
n78	30	50	650000	1@132	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1917.16	-66.03	-50	PASS

						MHz						
n78	30	50	650000	1@132	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2649.26	-64.25	-50	PASS	
n78	30	50	650000	1@132	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2376.90	-64.76	-50	PASS	
n78	30	50	650000	1@132	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2134.93	-65.48	-50	PASS	
n78	30	50	650000	1@132	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1912.33	-71.01	-41	PASS	
n78	30	50	651667	133@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.42	-36	PASS	
n78	30	50	651667	133@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.18	-63.84	-36	PASS	
n78	30	50	651667	133@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	962.66	-69.17	-36	PASS	
n78	30	50	651667	133@0	CP_QPSK	1000 MHz-3695.01 MHz	1 MHz	3695.01	-50.62	-30	PASS	
n78	30	50	651667	133@0	CP_QPSK	3855.01 MHz-6000 MHz	1 MHz	3856.80	-51.50	-30	PASS	
n78	30	50	651667	133@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25241.67	-52.14	-30	PASS	
n78	30	50	651667	133@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2141.62	-65.43	-50	PASS	
n78	30	50	651667	133@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1879.85	-66.12	-50	PASS	
n78	30	50	651667	133@0	CP_QPSK	869 MHz-894 MHz	1 MHz	875.30	-66.92	-50	PASS	
n78	30	50	651667	133@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2648.28	-64.24	-50	PASS	
n78	30	50	651667	133@0	CP_QPSK	925 MHz-960 MHz	1 MHz	944.18	-66.43	-50	PASS	
n78	30	50	651667	133@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1495.38	-66.68	-50	PASS	
n78	30	50	651667	133@0	CP_QPSK	860 MHz-875	1	869.83	-66.96	-50	PASS	

						MHz	MHz				
n78	30	50	651667	133@0	CP_QPSK	791 MHz-821 MHz	1 MHz	793.22	-67.03	-50	PASS
n78	30	50	651667	133@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1505.11	-66.65	-50	PASS
n78	30	50	651667	133@0	CP_QPSK	859 MHz-894 MHz	1 MHz	874.82	-66.99	-50	PASS
n78	30	50	651667	133@0	CP_QPSK	758 MHz-803 MHz	1 MHz	791.62	-66.93	-50	PASS
n78	30	50	651667	133@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2017.10	-65.58	-50	PASS
n78	30	50	651667	133@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1918.56	-65.98	-50	PASS
n78	30	50	651667	133@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2644.02	-64.34	-50	PASS
n78	30	50	651667	133@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2383.50	-64.67	-50	PASS
n78	30	50	651667	133@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2130.97	-65.44	-50	PASS
n78	30	50	651667	133@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1906.37	-70.92	-41	PASS
n78	30	50	651667	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.73	-36	PASS
n78	30	50	651667	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-62.39	-36	PASS
n78	30	50	651667	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	433.91	-45.81	-36	PASS
n78	30	50	651667	1@0	CP_QPSK	1000 MHz-3695.01 MHz	1 MHz	3692.31	-56.49	-30	PASS
n78	30	50	651667	1@0	CP_QPSK	3855.01 MHz-6000 MHz	1 MHz	3856.80	-57.05	-30	PASS
n78	30	50	651667	1@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25253.33	-52.13	-30	PASS
n78	30	50	651667	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2125.72	-65.42	-50	PASS

						MHz					
n78	30	50	651667	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1870.18	-66.18	-50	PASS
n78	30	50	651667	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	871.30	-66.89	-50	PASS
n78	30	50	651667	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2646.81	-64.30	-50	PASS
n78	30	50	651667	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	948.49	-66.82	-50	PASS
n78	30	50	651667	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1477.82	-66.67	-50	PASS
n78	30	50	651667	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	872.09	-66.93	-50	PASS
n78	30	50	651667	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	805.19	-67.04	-50	PASS
n78	30	50	651667	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1500.46	-66.63	-50	PASS
n78	30	50	651667	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	870.48	-66.96	-50	PASS
n78	30	50	651667	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	784.19	-66.99	-50	PASS
n78	30	50	651667	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2013.05	-65.63	-50	PASS
n78	30	50	651667	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1911.68	-65.95	-50	PASS
n78	30	50	651667	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2635.87	-64.31	-50	PASS
n78	30	50	651667	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2385.50	-64.67	-50	PASS
n78	30	50	651667	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2114.77	-65.43	-50	PASS
n78	30	50	651667	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1886.25	-70.96	-41	PASS
n78	30	50	651667	1@132	CP_QPSK	9 kHz-150	1	0.01	-58.12	-36	PASS

						kHz	kHz				
n78	30	50	651667	1@132	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-62.61	-36	PASS
n78	30	50	651667	1@132	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-69.01	-36	PASS
n78	30	50	651667	1@132	CP_QPSK	1000 MHz-3695.01 MHz	1 MHz	3158.70	-57.75	-30	PASS
n78	30	50	651667	1@132	CP_QPSK	3855.01 MHz-6000 MHz	1 MHz	6000.00	-59.74	-30	PASS
n78	30	50	651667	1@132	CP_QPSK	6000 MHz-26 GHz	1 MHz	25246.67	-52.04	-30	PASS
n78	30	50	651667	1@132	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2130.40	-65.40	-50	PASS
n78	30	50	651667	1@132	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1869.05	-66.16	-50	PASS
n78	30	50	651667	1@132	CP_QPSK	869 MHz-894 MHz	1 MHz	893.15	-67.01	-50	PASS
n78	30	50	651667	1@132	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2643.66	-64.23	-50	PASS
n78	30	50	651667	1@132	CP_QPSK	925 MHz-960 MHz	1 MHz	948.56	-66.90	-50	PASS
n78	30	50	651667	1@132	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1483.58	-66.66	-50	PASS
n78	30	50	651667	1@132	CP_QPSK	860 MHz-875 MHz	1 MHz	872.08	-66.84	-50	PASS
n78	30	50	651667	1@132	CP_QPSK	791 MHz-821 MHz	1 MHz	812.78	-67.02	-50	PASS
n78	30	50	651667	1@132	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1506.73	-66.60	-50	PASS
n78	30	50	651667	1@132	CP_QPSK	859 MHz-894 MHz	1 MHz	875.70	-67.03	-50	PASS
n78	30	50	651667	1@132	CP_QPSK	758 MHz-803 MHz	1 MHz	794.68	-67.02	-50	PASS
n78	30	50	651667	1@132	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2013.98	-65.54	-50	PASS
n78	30	50	651667	1@132	CP_QPSK	1880 MHz	1 MHz	1893.56	-65.93	-50	PASS

						MHz-1920 MHz	MHz				
n78	30	50	651667	1@132	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2656.05	-64.26	-50	PASS
n78	30	50	651667	1@132	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2380.60	-64.69	-50	PASS
n78	30	50	651667	1@132	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2146.27	-65.42	-50	PASS
n78	30	50	651667	1@132	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1905.87	-70.87	-41	PASS
n78	30	100	650000	273@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-57.77	-36	PASS
n78	30	100	650000	273@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.18	-65.11	-36	PASS
n78	30	100	650000	273@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	259.99	-68.07	-36	PASS
n78	30	100	650000	273@0	CP_QPSK	1000 MHz-3595.00 MHz	1 MHz	3595.00	-53.68	-30	PASS
n78	30	100	650000	273@0	CP_QPSK	3905.00 MHz-6000 MHz	1 MHz	3908.49	-56.46	-30	PASS
n78	30	100	650000	273@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25258.33	-52.17	-30	PASS
n78	30	100	650000	273@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2114.08	-65.44	-50	PASS
n78	30	100	650000	273@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1876.33	-66.17	-50	PASS
n78	30	100	650000	273@0	CP_QPSK	869 MHz-894 MHz	1 MHz	873.23	-66.99	-50	PASS
n78	30	100	650000	273@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2650.94	-64.27	-50	PASS
n78	30	100	650000	273@0	CP_QPSK	925 MHz-960 MHz	1 MHz	946.35	-66.87	-50	PASS
n78	30	100	650000	273@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1478.90	-66.70	-50	PASS

n78	30	100	650000	273@0	CP_QPSK	860 MHz-875 MHz	1 MHz	873.31	-66.97	-50	PASS
n78	30	100	650000	273@0	CP_QPSK	791 MHz-821 MHz	1 MHz	808.73	-67.06	-50	PASS
n78	30	100	650000	273@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1500.27	-66.64	-50	PASS
n78	30	100	650000	273@0	CP_QPSK	859 MHz-894 MHz	1 MHz	873.42	-67.08	-50	PASS
n78	30	100	650000	273@0	CP_QPSK	758 MHz-803 MHz	1 MHz	797.11	-67.09	-50	PASS
n78	30	100	650000	273@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2010.18	-65.51	-50	PASS
n78	30	100	650000	273@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1908.52	-66.04	-50	PASS
n78	30	100	650000	273@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2643.44	-64.41	-50	PASS
n78	30	100	650000	273@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2386.20	-64.73	-50	PASS
n78	30	100	650000	273@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2130.25	-65.45	-50	PASS
n78	30	100	650000	273@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1893.27	-69.57	-41	PASS
n78	30	100	650000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.86	-36	PASS
n78	30	100	650000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.92	-36	PASS
n78	30	100	650000	1@0	CP_QPSK	30 MHz-1000 MHz	100 kHz	953.05	-69.25	-36	PASS
n78	30	100	650000	1@0	CP_QPSK	1000 MHz-3595.00 MHz	1 MHz	3592.41	-57.43	-30	PASS
n78	30	100	650000	1@0	CP_QPSK	3905.00 MHz-6000 MHz	1 MHz	5954.61	-59.78	-30	PASS
n78	30	100	650000	1@0	CP_QPSK	6000 MHz-26 GHz	1 MHz	25241.67	-52.13	-30	PASS
n78	30	100	650000	1@0	CP_QPSK	2110	1	2136.28	-65.40	-50	PASS

						MHz-2170 MHz	MHz				
n78	30	100	650000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1877.90	-66.25	-50	PASS
n78	30	100	650000	1@0	CP_QPSK	869 MHz-894 MHz	1 MHz	877.05	-67.02	-50	PASS
n78	30	100	650000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2658.99	-64.34	-50	PASS
n78	30	100	650000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	948.21	-66.81	-50	PASS
n78	30	100	650000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1489.16	-66.69	-50	PASS
n78	30	100	650000	1@0	CP_QPSK	860 MHz-875 MHz	1 MHz	871.81	-67.04	-50	PASS
n78	30	100	650000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	798.32	-67.13	-50	PASS
n78	30	100	650000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1505.65	-66.68	-50	PASS
n78	30	100	650000	1@0	CP_QPSK	859 MHz-894 MHz	1 MHz	887.42	-67.03	-50	PASS
n78	30	100	650000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	796.30	-67.06	-50	PASS
n78	30	100	650000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2012.70	-65.67	-50	PASS
n78	30	100	650000	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1911.80	-65.92	-50	PASS
n78	30	100	650000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2642.08	-64.32	-50	PASS
n78	30	100	650000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2375.10	-64.71	-50	PASS
n78	30	100	650000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2126.20	-65.51	-50	PASS
n78	30	100	650000	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1913.92	-71.09	-41	PASS

n78	30	100	650000	1@272	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.34	-36	PASS
n78	30	100	650000	1@272	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-61.46	-36	PASS
n78	30	100	650000	1@272	CP_QPSK	30 MHz-1000 MHz	100 kHz	906.01	-69.02	-36	PASS
n78	30	100	650000	1@272	CP_QPSK	1000 MHz-3595.00 MHz	1 MHz	3174.61	-52.26	-30	PASS
n78	30	100	650000	1@272	CP_QPSK	3905.00 MHz-6000 MHz	1 MHz	6000.00	-59.80	-30	PASS
n78	30	100	650000	1@272	CP_QPSK	6000 MHz-26 GHz	1 MHz	25246.67	-52.14	-30	PASS
n78	30	100	650000	1@272	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2116.90	-65.50	-50	PASS
n78	30	100	650000	1@272	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1873.63	-66.17	-50	PASS
n78	30	100	650000	1@272	CP_QPSK	869 MHz-894 MHz	1 MHz	888.65	-67.00	-50	PASS
n78	30	100	650000	1@272	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2639.18	-64.37	-50	PASS
n78	30	100	650000	1@272	CP_QPSK	925 MHz-960 MHz	1 MHz	944.36	-66.92	-50	PASS
n78	30	100	650000	1@272	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1485.02	-66.69	-50	PASS
n78	30	100	650000	1@272	CP_QPSK	860 MHz-875 MHz	1 MHz	874.21	-67.01	-50	PASS
n78	30	100	650000	1@272	CP_QPSK	791 MHz-821 MHz	1 MHz	810.98	-67.06	-50	PASS
n78	30	100	650000	1@272	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1506.93	-66.71	-50	PASS
n78	30	100	650000	1@272	CP_QPSK	859 MHz-894 MHz	1 MHz	874.30	-66.98	-50	PASS
n78	30	100	650000	1@272	CP_QPSK	758 MHz-803 MHz	1 MHz	796.21	-67.01	-50	PASS
n78	30	100	650000	1@272	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2021.76	-65.63	-50	PASS

n78	30	100	650000	1@272	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1911.44	-66.00	-50	PASS
n78	30	100	650000	1@272	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2658.18	-64.38	-50	PASS
n78	30	100	650000	1@272	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2375.80	-64.82	-50	PASS
n78	30	100	650000	1@272	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2128.45	-65.46	-50	PASS
n78	30	100	650000	1@272	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1913.73	-70.98	-41	PASS
n8	30	10	177000	24@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-41.27	-36	PASS
n8	30	10	177000	24@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-47.66	-36	PASS
n8	30	10	177000	24@0	CP_QPSK	30 MHz-865.00 MHz	100 kHz	853.64	-52.43	-36	PASS
n8	30	10	177000	24@0	CP_QPSK	905.00 MHz-1000 MHz	100 kHz	918.78	-55.51	-30	PASS
n8	30	10	177000	24@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1500.00	-45.32	-30	PASS
n8	30	10	177000	24@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12279.23	-58.18	-30	PASS
n8	30	10	177000	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2115.88	-61.45	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1870.55	-62.24	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2637.71	-60.45	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	925 MHz-960 MHz	1 MHz	938.48	-65.90	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1489.62	-62.69	-50	PASS

						MHz					
n8	30	10	177000	24@0	CP_QPSK	791 MHz-821 MHz	1 MHz	812.99	-65.95	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1499.25	-62.70	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.20	-60.01	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	758 MHz-803 MHz	1 MHz	778.70	-65.95	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.78	-66.43	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1493.89	-62.66	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1917.38	-62.03	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2018.10	-61.68	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2613.60	-60.65	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1919.28	-62.06	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2383.60	-60.79	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2636.26	-60.45	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3597.20	-59.90	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3662.40	-61.87	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1452.28	-62.84	-50	PASS

n8	30	10	177000	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1496.77	-62.69	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.37	-62.97	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2169.76	-61.48	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	738 MHz-758 MHz	1 MHz	752.46	-66.23	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	753 MHz-783 MHz	1 MHz	781.17	-65.96	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2615.05	-60.61	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	461 MHz-466 MHz	1 MHz	465.80	-66.30	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	460 MHz-465 MHz	1 MHz	464.02	-66.42	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1507.98	-62.68	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1510.71	-62.67	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.12	-62.95	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-59.83	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3596.00	-59.94	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4995.20	-61.24	-50	PASS
n8	30	10	177000	24@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1913.27	-67.08	-41	PASS
n8	30	10	177000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.31	-36	PASS
n8	30	10	177000	1@0	CP_QPSK	150 kHz-30	10	0.16	-45.19	-36	PASS

						MHz	kHz				
n8	30	10	177000	1@0	CP_QPSK	30 MHz-865.00 MHz	100 kHz	818.91	-52.22	-36	PASS
n8	30	10	177000	1@0	CP_QPSK	905.00 MHz-1000 MHz	100 kHz	930.27	-55.38	-30	PASS
n8	30	10	177000	1@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1498.50	-45.34	-30	PASS
n8	30	10	177000	1@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12244.62	-58.14	-30	PASS
n8	30	10	177000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2135.98	-61.47	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1877.83	-62.23	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2634.63	-60.43	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	935.61	-65.89	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1486.54	-62.70	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	793.22	-65.88	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1496.82	-62.70	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3587.36	-60.06	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	782.12	-65.90	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	467.09	-66.39	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1481.30	-62.71	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	1900	1	1902.14	-62.01	-50	PASS

						MHz-1920 MHz	MHz				
n8	30	10	177000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2012.82	-61.62	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2616.00	-60.66	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1916.28	-61.97	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2368.50	-60.83	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2638.78	-60.47	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.80	-59.81	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3634.60	-61.97	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1463.22	-62.79	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1506.12	-62.73	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.48	-62.98	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2133.94	-61.46	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.28	-66.22	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	781.44	-65.97	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.15	-60.62	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	466.00	-66.40	-50	PASS

n8	30	10	177000	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	462.19	-66.36	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1484.25	-62.72	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1494.48	-62.72	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.38	-62.99	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3594.30	-59.95	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3596.00	-59.95	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4991.00	-61.21	-50	PASS
n8	30	10	177000	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1915.33	-67.06	-41	PASS
n8	30	10	177000	1@23	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.24	-36	PASS
n8	30	10	177000	1@23	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-48.75	-36	PASS
n8	30	10	177000	1@23	CP_QPSK	30 MHz-865.00 MHz	100 kHz	806.88	-53.08	-36	PASS
n8	30	10	177000	1@23	CP_QPSK	905.00 MHz-1000 MHz	100 kHz	931.70	-55.35	-30	PASS
n8	30	10	177000	1@23	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1487.50	-45.32	-30	PASS
n8	30	10	177000	1@23	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12222.98	-58.10	-30	PASS
n8	30	10	177000	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2131.66	-61.41	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1878.80	-62.15	-50	PASS

						MHz					
n8	30	10	177000	1@23	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2638.48	-60.32	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	925 MHz-960 MHz	1 MHz	930.46	-65.91	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1482.22	-62.72	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	791 MHz-821 MHz	1 MHz	793.49	-65.94	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1500.54	-62.63	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3586.72	-60.01	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	758 MHz-803 MHz	1 MHz	796.75	-65.90	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.60	-66.39	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1493.93	-62.73	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1912.72	-61.98	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2022.08	-61.67	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.00	-60.58	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1919.64	-61.99	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2382.60	-60.74	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2637.04	-60.36	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	3400	1	3599.80	-59.85	-50	PASS

						MHz-3600 MHz	MHz				
n8	30	10	177000	1@23	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3613.20	-61.88	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1466.68	-62.81	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1514.88	-62.72	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.14	-62.94	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2131.15	-61.47	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	738 MHz-758 MHz	1 MHz	756.96	-66.27	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	753 MHz-783 MHz	1 MHz	782.37	-65.93	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.30	-60.59	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	461 MHz-466 MHz	1 MHz	464.18	-66.45	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	460 MHz-465 MHz	1 MHz	460.35	-66.39	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1503.04	-62.67	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1491.16	-62.75	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.68	-62.99	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3596.10	-59.89	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3599.50	-59.94	-50	PASS
n8	30	10	177000	1@23	CP_QPSK	4400	1	4997.60	-61.20	-50	PASS

						MHz-5000 MHz	MHz				
n8	30	10	177000	1@23	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1915.36	-67.17	-41	PASS
n8	30	10	179500	24@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-41.90	-36	PASS
n8	30	10	179500	24@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-48.01	-36	PASS
n8	30	10	179500	24@0	CP_QPSK	30 MHz-877.50 MHz	100 kHz	260.01	-52.15	-36	PASS
n8	30	10	179500	24@0	CP_QPSK	917.50 MHz-1000 MHz	100 kHz	924.76	-55.48	-30	PASS
n8	30	10	179500	24@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1497.00	-45.27	-30	PASS
n8	30	10	179500	24@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12225.58	-58.09	-30	PASS
n8	30	10	179500	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2130.46	-61.45	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1875.20	-62.21	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2639.46	-60.34	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	925 MHz-960 MHz	1 MHz	936.27	-65.85	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1495.72	-62.65	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	791 MHz-821 MHz	1 MHz	803.60	-65.88	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1496.38	-62.70	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3568.56	-60.36	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	758 MHz-803	1	781.36	-65.86	-50	PASS

						MHz	MHz				
n8	30	10	179500	24@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.78	-66.40	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1486.45	-62.72	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1910.10	-61.99	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2023.46	-61.63	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2616.95	-60.60	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1904.04	-61.98	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2384.90	-60.75	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2651.01	-60.31	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3567.00	-60.33	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3630.00	-61.87	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1463.00	-62.75	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1509.69	-62.68	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.07	-63.00	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2131.69	-61.48	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	738 MHz-758	1	753.34	-66.24	-50	PASS

						MHz	MHz				
n8	30	10	179500	24@0	CP_QPSK	753 MHz-783 MHz	1 MHz	781.74	-65.98	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.75	-60.48	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	461 MHz-466 MHz	1 MHz	461.81	-66.32	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	460 MHz-465 MHz	1 MHz	464.19	-66.41	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1507.59	-62.67	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1501.62	-62.70	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.20	-62.89	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3566.40	-60.37	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3567.00	-60.42	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4986.80	-61.25	-50	PASS
n8	30	10	179500	24@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1903.19	-67.04	-41	PASS
n8	30	10	179500	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.55	-36	PASS
n8	30	10	179500	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-46.60	-36	PASS
n8	30	10	179500	1@0	CP_QPSK	30 MHz-877.50 MHz	100 kHz	796.65	-52.52	-36	PASS
n8	30	10	179500	1@0	CP_QPSK	917.50 MHz-1000 MHz	100 kHz	938.95	-55.52	-30	PASS
n8	30	10	179500	1@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1480.00	-45.31	-30	PASS

n8	30	10	179500	1@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12210.87	-58.17	-30	PASS
n8	30	10	179500	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2121.10	-61.45	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1868.30	-62.16	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2650.59	-60.23	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	929.69	-65.85	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1489.78	-62.68	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	812.45	-65.88	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1508.10	-62.68	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3567.68	-60.37	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	789.19	-65.92	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.36	-66.45	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1486.10	-62.75	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1916.96	-61.97	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2012.75	-61.64	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2615.90	-60.59	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1908.96	-62.01	-50	PASS

						MHz					
n8	30	10	179500	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2373.30	-60.70	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2652.17	-60.37	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3564.40	-60.38	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3640.80	-61.89	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1463.34	-62.82	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1494.39	-62.69	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.99	-62.99	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2148.97	-61.39	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	755.42	-66.24	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	778.62	-65.97	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.40	-60.62	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	462.79	-66.36	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	460.57	-66.42	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1514.09	-62.63	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1504.76	-62.66	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.57	-62.91	-50	PASS

						MHz					
n8	30	10	179500	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3567.30	-60.44	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3399.50	-60.50	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4995.80	-61.17	-50	PASS
n8	30	10	179500	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1904.69	-67.05	-41	PASS
n8	30	10	179500	1@23	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-40.42	-36	PASS
n8	30	10	179500	1@23	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-46.30	-36	PASS
n8	30	10	179500	1@23	CP_QPSK	30 MHz-877.50 MHz	100 kHz	807.50	-52.58	-36	PASS
n8	30	10	179500	1@23	CP_QPSK	917.50 MHz-1000 MHz	100 kHz	929.05	-55.45	-30	PASS
n8	30	10	179500	1@23	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1479.50	-45.33	-30	PASS
n8	30	10	179500	1@23	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12230.77	-58.19	-30	PASS
n8	30	10	179500	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2130.70	-61.47	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1867.10	-62.23	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2656.82	-60.30	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	925 MHz-960 MHz	1 MHz	932.11	-65.75	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1492.16	-62.67	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	791 MHz-821	1	807.68	-65.86	-50	PASS

n8	30	10	179500	1@23	CP_QPSK	MHz 1495.9 MHz-1510.9 MHz	1 MHz	1498.90	-62.65	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3512.48	-60.43	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	758 MHz-803 MHz	1 MHz	792.52	-65.93	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.88	-66.39	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1495.91	-62.66	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1914.84	-61.97	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2022.06	-61.56	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2616.25	-60.61	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1907.24	-62.00	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2392.00	-60.73	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2640.53	-60.40	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3567.60	-60.32	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3634.80	-61.86	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1459.82	-62.76	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1510.20	-62.70	-50	PASS

						MHz					
n8	30	10	179500	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.92	-62.94	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2160.85	-61.42	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	738 MHz-758 MHz	1 MHz	757.66	-66.23	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	753 MHz-783 MHz	1 MHz	779.34	-65.94	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2614.70	-60.63	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	461 MHz-466 MHz	1 MHz	464.39	-66.36	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	460 MHz-465 MHz	1 MHz	460.71	-66.41	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1492.80	-62.63	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1503.15	-62.66	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.85	-62.99	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3567.30	-60.43	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3568.00	-60.46	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4995.80	-61.21	-50	PASS
n8	30	10	179500	1@23	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1901.22	-67.04	-41	PASS
n8	30	10	182000	24@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.10	-36	PASS
n8	30	10	182000	24@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-45.13	-36	PASS
n8	30	10	182000	24@0	CP_QPSK	30	100	866.44	-52.49	-36	PASS

						MHz-890.00 MHz	kHz				
n8	30	10	182000	24@0	CP_QPSK	930.00 MHz-1000 MHz	100 kHz	932.80	-55.42	-30	PASS
n8	30	10	182000	24@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1485.00	-45.28	-30	PASS
n8	30	10	182000	24@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12244.62	-58.09	-30	PASS
n8	30	10	182000	24@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2146.36	-61.41	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1876.63	-62.25	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2644.08	-60.30	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	925 MHz-960 MHz	1 MHz	926.47	-65.84	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1494.06	-62.57	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	791 MHz-821 MHz	1 MHz	808.34	-65.80	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1508.55	-62.63	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.88	-60.00	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	758 MHz-803 MHz	1 MHz	792.29	-65.91	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	466.24	-66.38	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1486.76	-62.72	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1919.76	-62.02	-50	PASS

n8	30	10	182000	24@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2016.50	-61.65	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.35	-60.58	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1910.04	-61.97	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2375.10	-60.69	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2644.02	-60.35	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3596.40	-59.74	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3611.80	-61.98	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1464.58	-62.79	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1496.01	-62.69	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.61	-62.94	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2128.90	-61.41	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.20	-66.20	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	753 MHz-783 MHz	1 MHz	781.14	-66.01	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.75	-60.61	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	461 MHz-466 MHz	1 MHz	464.73	-66.42	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	460 MHz-465 MHz	1 MHz	461.05	-66.41	-50	PASS

n8	30	10	182000	24@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1484.12	-62.70	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1503.83	-62.70	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.13	-63.01	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.90	-59.85	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3595.50	-59.84	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4996.40	-61.21	-50	PASS
n8	30	10	182000	24@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1915.08	-67.07	-41	PASS
n8	30	10	182000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.63	-36	PASS
n8	30	10	182000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-46.49	-36	PASS
n8	30	10	182000	1@0	CP_QPSK	30 MHz-890.00 MHz	100 kHz	259.96	-51.64	-36	PASS
n8	30	10	182000	1@0	CP_QPSK	930.00 MHz-1000 MHz	100 kHz	934.69	-55.61	-30	PASS
n8	30	10	182000	1@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1493.50	-45.39	-30	PASS
n8	30	10	182000	1@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12223.85	-58.05	-30	PASS
n8	30	10	182000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2126.32	-61.51	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1877.68	-62.23	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	2620	1	2638.76	-60.36	-50	PASS

						MHz-2690 MHz	MHz				
n8	30	10	182000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	940.30	-65.86	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1495.90	-62.70	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	815.33	-65.92	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1504.81	-62.72	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.84	-60.06	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	793.28	-65.95	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	466.57	-66.42	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1491.73	-62.74	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1919.80	-62.06	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2013.72	-61.70	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2611.05	-60.71	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1919.44	-62.05	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2371.60	-60.84	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2646.93	-60.39	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3599.20	-59.89	-50	PASS

n8	30	10	182000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3679.40	-61.92	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1465.28	-62.83	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1508.25	-62.71	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.35	-62.97	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2130.25	-61.42	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.28	-66.27	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	771.81	-66.02	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2615.35	-60.65	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	461.85	-66.39	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	462.68	-66.46	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1491.04	-62.75	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1503.15	-62.72	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.93	-63.00	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3594.30	-59.90	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3598.50	-59.89	-50	PASS
n8	30	10	182000	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4984.40	-61.25	-50	PASS

n8	30	10	182000	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1897.20	-67.03	-41	PASS
n8	30	10	182000	1@23	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-43.18	-36	PASS
n8	30	10	182000	1@23	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-48.13	-36	PASS
n8	30	10	182000	1@23	CP_QPSK	30 MHz-890.00 MHz	100 kHz	762.12	-52.68	-36	PASS
n8	30	10	182000	1@23	CP_QPSK	930.00 MHz-1000 MHz	100 kHz	943.86	-55.53	-30	PASS
n8	30	10	182000	1@23	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1485.00	-45.39	-30	PASS
n8	30	10	182000	1@23	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12248.08	-58.06	-30	PASS
n8	30	10	182000	1@23	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2166.46	-61.54	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1876.33	-62.27	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2641.70	-60.32	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	925 MHz-960 MHz	1 MHz	928.78	-65.86	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1476.82	-62.76	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	791 MHz-821 MHz	1 MHz	803.09	-65.94	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1504.23	-62.64	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3586.88	-60.03	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	758 MHz-803 MHz	1 MHz	799.40	-65.94	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	462.5	1	466.27	-66.41	-50	PASS

						MHz-467.5 MHz	MHz				
n8	30	10	182000	1@23	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1478.44	-62.75	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1908.10	-62.04	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2014.85	-61.69	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2614.95	-60.61	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1905.48	-62.05	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2378.20	-60.80	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2641.11	-60.41	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3597.60	-59.82	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3672.40	-61.95	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1466.46	-62.77	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1507.06	-62.70	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.50	-63.01	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2149.06	-61.44	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	738 MHz-758 MHz	1 MHz	754.82	-66.20	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	753 MHz-783	1	780.66	-65.99	-50	PASS

						MHz	MHz				
n8	30	10	182000	1@23	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2612.40	-60.68	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	461 MHz-466 MHz	1 MHz	461.08	-66.45	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	460 MHz-465 MHz	1 MHz	461.23	-66.45	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1507.85	-62.70	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1500.34	-62.69	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.58	-62.95	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3598.80	-59.97	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3594.00	-59.90	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4992.80	-61.19	-50	PASS
n8	30	10	182000	1@23	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1904.66	-67.12	-41	PASS
n8	30	15	177500	38@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-40.98	-36	PASS
n8	30	15	177500	38@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-45.01	-36	PASS
n8	30	15	177500	38@0	CP_QPSK	30 MHz-860.00 MHz	100 kHz	854.27	-52.05	-36	PASS
n8	30	15	177500	38@0	CP_QPSK	915.00 MHz-1000 MHz	100 kHz	922.23	-55.56	-30	PASS
n8	30	15	177500	38@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1499.50	-45.40	-30	PASS
n8	30	15	177500	38@0	CP_QPSK	1500 MHz-12.75 MHz	1 MHz	12212.60	-58.13	-30	PASS

						GHz					
n8	30	15	177500	38@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2129.32	-61.51	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1876.25	-62.24	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2638.41	-60.45	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	925 MHz-960 MHz	1 MHz	927.45	-65.89	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1489.24	-62.72	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	791 MHz-821 MHz	1 MHz	794.51	-65.95	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1503.06	-62.70	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.24	-60.07	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	758 MHz-803 MHz	1 MHz	801.38	-65.94	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.26	-66.46	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1486.36	-62.73	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1913.38	-62.05	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2024.75	-61.72	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2613.00	-60.63	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1900.44	-62.07	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	2300	1	2375.70	-60.83	-50	PASS

						MHz-2400 MHz	MHz				
n8	30	15	177500	38@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2637.81	-60.39	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3595.40	-59.88	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3621.60	-61.91	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1464.18	-62.85	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1503.40	-62.71	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.46	-62.96	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2137.00	-61.53	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	738 MHz-758 MHz	1 MHz	752.02	-66.29	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	753 MHz-783 MHz	1 MHz	778.29	-65.96	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2613.00	-60.62	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.48	-66.42	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	460 MHz-465 MHz	1 MHz	460.66	-66.46	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1516.15	-62.76	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1496.09	-62.80	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.86	-62.99	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	3300	1	3597.90	-60.02	-50	PASS

						MHz-4200 MHz	MHz				
n8	30	15	177500	38@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3598.50	-59.90	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4973.00	-61.22	-50	PASS
n8	30	15	177500	38@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1900.94	-67.15	-41	PASS
n8	30	15	177500	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-41.49	-36	PASS
n8	30	15	177500	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-49.04	-36	PASS
n8	30	15	177500	1@0	CP_QPSK	30 MHz-860.00 MHz	100 kHz	806.22	-52.47	-36	PASS
n8	30	15	177500	1@0	CP_QPSK	915.00 MHz-1000 MHz	100 kHz	915.94	-55.67	-30	PASS
n8	30	15	177500	1@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1492.50	-45.34	-30	PASS
n8	30	15	177500	1@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12299.13	-58.08	-30	PASS
n8	30	15	177500	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2125.00	-61.49	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1874.15	-62.24	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2634.42	-60.40	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	926.09	-65.86	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1478.08	-62.77	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	793.28	-65.90	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	1495.9	1	1509.28	-62.73	-50	PASS

						MHz-1510.9 MHz	MHz				
n8	30	15	177500	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3590.00	-60.02	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	779.56	-65.97	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.99	-66.44	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1488.26	-62.69	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1904.78	-62.00	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2017.71	-61.70	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.75	-60.56	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1919.60	-61.98	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2376.20	-60.80	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2638.40	-60.48	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.40	-59.86	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3673.20	-61.88	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1464.14	-62.83	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1503.32	-62.74	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	1427	1	1431.93	-62.94	-50	PASS

						MHz-1432 MHz	MHz				
n8	30	15	177500	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2129.17	-61.44	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	753.46	-66.32	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	780.63	-65.95	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2611.75	-60.63	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	462.38	-66.43	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	460.20	-66.47	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1512.54	-62.69	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1476.63	-62.75	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.75	-63.05	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.90	-59.88	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3596.50	-59.93	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4988.60	-61.22	-50	PASS
n8	30	15	177500	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1914.98	-67.11	-41	PASS
n8	30	15	177500	1@37	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-41.83	-36	PASS
n8	30	15	177500	1@37	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-47.18	-36	PASS
n8	30	15	177500	1@37	CP_QPSK	30 MHz-860.00 MHz	100 kHz	854.69	-52.42	-36	PASS

n8	30	15	177500	1@37	CP_QPSK	915.00 MHz-1000 MHz	100 kHz	944.50	-55.44	-30	PASS
n8	30	15	177500	1@37	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1481.50	-45.37	-30	PASS
n8	30	15	177500	1@37	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12226.44	-58.11	-30	PASS
n8	30	15	177500	1@37	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2119.96	-61.49	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1862.75	-62.30	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2636.52	-60.44	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	925 MHz-960 MHz	1 MHz	929.90	-65.84	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1492.04	-62.75	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	791 MHz-821 MHz	1 MHz	802.85	-65.93	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1500.19	-62.65	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3585.92	-60.06	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	758 MHz-803 MHz	1 MHz	791.62	-65.90	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.81	-66.45	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1493.10	-62.74	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1911.70	-62.04	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2012.72	-61.65	-50	PASS

						MHz					
n8	30	15	177500	1@37	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2613.65	-60.68	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1902.68	-62.06	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2390.10	-60.81	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2638.40	-60.40	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3597.00	-59.82	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3665.40	-61.93	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1454.34	-62.82	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1505.19	-62.77	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.08	-62.97	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2122.51	-61.51	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	738 MHz-758 MHz	1 MHz	756.44	-66.26	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	753 MHz-783 MHz	1 MHz	782.07	-65.98	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.60	-60.62	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	461 MHz-466 MHz	1 MHz	463.23	-66.48	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	460 MHz-465 MHz	1 MHz	461.54	-66.45	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1480.46	-62.74	-50	PASS

						MHz					
n8	30	15	177500	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1504.42	-62.71	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.22	-62.99	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3588.00	-59.99	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3595.50	-59.96	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4998.80	-61.18	-50	PASS
n8	30	15	177500	1@37	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1905.37	-67.05	-41	PASS
n8	30	15	179500	38@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.05	-36	PASS
n8	30	15	179500	38@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-45.54	-36	PASS
n8	30	15	179500	38@0	CP_QPSK	30 MHz-870.00 MHz	100 kHz	259.99	-52.50	-36	PASS
n8	30	15	179500	38@0	CP_QPSK	925.00 MHz-1000 MHz	100 kHz	943.60	-55.58	-30	PASS
n8	30	15	179500	38@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1482.50	-45.35	-30	PASS
n8	30	15	179500	38@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12216.92	-58.10	-30	PASS
n8	30	15	179500	38@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2147.38	-61.44	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1877.30	-62.18	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2646.11	-60.31	-50	PASS

n8	30	15	179500	38@0	CP_QPSK	925 MHz-960 MHz	1 MHz	934.80	-65.84	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1481.78	-62.71	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	791 MHz-821 MHz	1 MHz	807.59	-65.94	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1508.85	-62.65	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3551.04	-60.45	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	758 MHz-803 MHz	1 MHz	796.61	-65.93	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.24	-66.42	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1480.78	-62.72	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1904.14	-62.00	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2012.61	-61.64	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2615.15	-60.62	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1918.12	-62.02	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2379.80	-60.81	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2644.99	-60.40	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3558.20	-60.47	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3626.20	-61.86	-50	PASS

						MHz					
n8	30	15	179500	38@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1465.10	-62.80	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1505.61	-62.76	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.74	-62.94	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2138.80	-61.48	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	738 MHz-758 MHz	1 MHz	757.34	-66.21	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	753 MHz-783 MHz	1 MHz	782.10	-65.95	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2614.95	-60.66	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	461 MHz-466 MHz	1 MHz	464.68	-66.39	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	460 MHz-465 MHz	1 MHz	462.04	-66.38	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1493.62	-62.65	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1510.29	-62.71	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.50	-63.01	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3557.40	-60.45	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3557.00	-60.44	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4977.20	-61.22	-50	PASS
n8	30	15	179500	38@0	CP_QPSK	1884.5 MHz-1915.7	300 kHz	1899.04	-67.04	-41	PASS

						MHz					
n8	30	15	179500	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-41.79	-36	PASS
n8	30	15	179500	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.18	-48.15	-36	PASS
n8	30	15	179500	1@0	CP_QPSK	30 MHz-870.00 MHz	100 kHz	832.70	-52.38	-36	PASS
n8	30	15	179500	1@0	CP_QPSK	925.00 MHz-1000 MHz	100 kHz	944.58	-55.44	-30	PASS
n8	30	15	179500	1@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1484.50	-45.32	-30	PASS
n8	30	15	179500	1@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12270.58	-58.14	-30	PASS
n8	30	15	179500	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2148.10	-61.47	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1875.05	-62.18	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2639.67	-60.38	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	935.85	-65.89	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1495.08	-62.69	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	809.63	-65.91	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1497.73	-62.72	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3523.44	-60.44	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	801.47	-65.94	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.41	-66.39	-50	PASS

n8	30	15	179500	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1495.03	-62.75	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1911.90	-61.98	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2011.91	-61.68	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2614.60	-60.64	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1915.52	-61.96	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2379.00	-60.73	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2638.20	-60.37	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3555.40	-60.45	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3657.00	-61.91	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1459.76	-62.84	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1513.69	-62.71	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.71	-62.97	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2137.72	-61.43	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	754.06	-66.28	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	781.08	-65.99	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	2570	1	2619.65	-60.66	-50	PASS

						MHz-2620 MHz	MHz				
n8	30	15	179500	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	464.68	-66.39	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	460.16	-66.40	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1511.29	-62.66	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1470.34	-62.75	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.02	-63.02	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3511.50	-60.50	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3555.00	-60.46	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4981.40	-61.27	-50	PASS
n8	30	15	179500	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1884.53	-67.03	-41	PASS
n8	30	15	179500	1@37	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-43.68	-36	PASS
n8	30	15	179500	1@37	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-47.61	-36	PASS
n8	30	15	179500	1@37	CP_QPSK	30 MHz-870.00 MHz	100 kHz	836.06	-52.64	-36	PASS
n8	30	15	179500	1@37	CP_QPSK	925.00 MHz-1000 MHz	100 kHz	926.43	-55.49	-30	PASS
n8	30	15	179500	1@37	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1481.00	-45.35	-30	PASS
n8	30	15	179500	1@37	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12224.71	-58.13	-30	PASS
n8	30	15	179500	1@37	CP_QPSK	2110	1	2133.46	-61.51	-50	PASS

						MHz-2170 MHz	MHz				
n8	30	15	179500	1@37	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1867.70	-62.22	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2645.48	-60.34	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	925 MHz-960 MHz	1 MHz	935.08	-65.90	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1495.72	-62.70	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	791 MHz-821 MHz	1 MHz	795.89	-65.94	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1498.24	-62.69	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3557.36	-60.40	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	758 MHz-803 MHz	1 MHz	800.84	-65.92	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.54	-66.46	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1486.50	-62.79	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1912.98	-61.98	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2020.49	-61.70	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2616.95	-60.62	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1920.00	-61.97	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2397.30	-60.79	-50	PASS

n8	30	15	179500	1@37	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2650.62	-60.31	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3551.60	-60.50	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3637.40	-61.90	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1461.68	-62.82	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1484.45	-62.73	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.43	-62.94	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2128.09	-61.50	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	738 MHz-758 MHz	1 MHz	757.14	-66.24	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	753 MHz-783 MHz	1 MHz	780.54	-65.99	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.15	-60.61	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	461 MHz-466 MHz	1 MHz	464.91	-66.40	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	460 MHz-465 MHz	1 MHz	460.35	-66.44	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1514.95	-62.68	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1507.48	-62.75	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.52	-63.03	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3397.20	-60.53	-50	PASS

n8	30	15	179500	1@37	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3510.00	-60.54	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	4400 MHz-5000 MHz	1 MHz	5000.00	-61.19	-50	PASS
n8	30	15	179500	1@37	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1902.00	-67.12	-41	PASS
n8	30	15	181500	38@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.19	-36	PASS
n8	30	15	181500	38@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-46.52	-36	PASS
n8	30	15	181500	38@0	CP_QPSK	30 MHz-880.00 MHz	100 kHz	260.01	-51.67	-36	PASS
n8	30	15	181500	38@0	CP_QPSK	935.00 MHz-1000 MHz	100 kHz	983.10	-55.56	-30	PASS
n8	30	15	181500	38@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1493.50	-45.35	-30	PASS
n8	30	15	181500	38@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12214.33	-58.16	-30	PASS
n8	30	15	181500	38@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2163.34	-61.53	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1868.53	-62.25	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2644.57	-60.26	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	925 MHz-960 MHz	1 MHz	933.47	-65.83	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1494.16	-62.72	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	791 MHz-821 MHz	1 MHz	795.50	-65.85	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1507.48	-62.68	-50	PASS

n8	30	15	181500	38@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3588.88	-60.01	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	758 MHz-803 MHz	1 MHz	794.59	-65.96	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	466.66	-66.38	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1484.96	-62.71	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1919.34	-62.00	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2015.10	-61.65	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.50	-60.55	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1912.88	-62.05	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2383.10	-60.80	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2653.92	-60.33	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.60	-59.76	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3669.20	-61.93	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1461.62	-62.77	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1493.71	-62.71	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.27	-63.00	-50	PASS

n8	30	15	181500	38@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2161.93	-61.47	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	738 MHz-758 MHz	1 MHz	752.26	-66.21	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	753 MHz-783 MHz	1 MHz	781.74	-66.00	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2614.75	-60.64	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	461 MHz-466 MHz	1 MHz	463.01	-66.41	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	460 MHz-465 MHz	1 MHz	464.45	-66.40	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1501.45	-62.66	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1491.50	-62.73	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.25	-62.96	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3592.50	-59.86	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3598.50	-59.79	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4955.60	-61.26	-50	PASS
n8	30	15	181500	38@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1914.76	-67.07	-41	PASS
n8	30	15	181500	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-41.23	-36	PASS
n8	30	15	181500	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-47.43	-36	PASS
n8	30	15	181500	1@0	CP_QPSK	30 MHz-880.00 MHz	100 kHz	259.93	-52.53	-36	PASS
n8	30	15	181500	1@0	CP_QPSK	935.00 MHz-1000 kHz	100 kHz	941.05	-55.62	-30	PASS

						MHz					
n8	30	15	181500	1@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1478.00	-45.38	-30	PASS
n8	30	15	181500	1@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12220.38	-58.05	-30	PASS
n8	30	15	181500	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2131.54	-61.51	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1871.23	-62.23	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2641.63	-60.36	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	938.62	-65.83	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1484.74	-62.74	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	796.52	-65.88	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1497.88	-62.67	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3587.76	-60.03	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	796.75	-65.92	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.71	-66.45	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1486.63	-62.74	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1908.60	-61.99	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2018.52	-61.67	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	2570	1	2614.15	-60.62	-50	PASS

						MHz-2620 MHz	MHz				
n8	30	15	181500	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1907.84	-62.02	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2373.90	-60.79	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2645.96	-60.36	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3592.20	-59.88	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3678.60	-61.96	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1461.38	-62.78	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1510.12	-62.67	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.46	-63.01	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2131.87	-61.51	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	755.70	-66.28	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	779.22	-65.94	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.55	-60.64	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	465.77	-66.37	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	460.08	-66.42	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1486.18	-62.71	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	1432	1	1505.10	-62.69	-50	PASS

						MHz-1517 MHz	MHz				
n8	30	15	181500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.65	-62.98	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3597.90	-59.91	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3596.00	-59.85	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4980.20	-61.11	-50	PASS
n8	30	15	181500	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1915.04	-67.07	-41	PASS
n8	30	15	181500	1@37	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-41.80	-36	PASS
n8	30	15	181500	1@37	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-45.57	-36	PASS
n8	30	15	181500	1@37	CP_QPSK	30 MHz-880.00 MHz	100 kHz	260.01	-52.05	-36	PASS
n8	30	15	181500	1@37	CP_QPSK	935.00 MHz-1000 MHz	100 kHz	952.68	-55.52	-30	PASS
n8	30	15	181500	1@37	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1499.50	-45.32	-30	PASS
n8	30	15	181500	1@37	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12228.17	-58.16	-30	PASS
n8	30	15	181500	1@37	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2113.54	-61.52	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1874.45	-62.24	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2641.98	-60.33	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	925 MHz-960 MHz	1 MHz	929.94	-65.88	-50	PASS

n8	30	15	181500	1@37	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1494.92	-62.75	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	791 MHz-821 MHz	1 MHz	815.51	-65.89	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1499.26	-62.60	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3589.36	-60.01	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	758 MHz-803 MHz	1 MHz	799.76	-65.88	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.30	-66.37	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1480.69	-62.69	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1917.52	-61.96	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2011.37	-61.64	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2616.30	-60.61	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1906.56	-62.04	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2376.80	-60.74	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2643.05	-60.30	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3598.40	-59.83	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3671.80	-61.93	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	1447	1	1462.44	-62.78	-50	PASS

						MHz-1467 MHz	MHz				
n8	30	15	181500	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1500.94	-62.68	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.86	-62.98	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2135.02	-61.47	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	738 MHz-758 MHz	1 MHz	754.34	-66.28	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	753 MHz-783 MHz	1 MHz	780.66	-66.03	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.35	-60.65	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	461 MHz-466 MHz	1 MHz	463.44	-66.35	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	460 MHz-465 MHz	1 MHz	461.17	-66.43	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1506.73	-62.70	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1507.82	-62.75	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.31	-62.90	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3592.50	-60.00	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3597.00	-59.87	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4971.80	-61.22	-50	PASS
n8	30	15	181500	1@37	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1903.81	-67.03	-41	PASS
n8	30	20	178000	51@0	CP_QPSK	9 kHz-150	1	0.01	-42.58	-36	PASS

						kHz	kHz				
n8	30	20	178000	51@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-48.12	-36	PASS
n8	30	20	178000	51@0	CP_QPSK	30 MHz-855.00 MHz	100 kHz	260.01	-51.33	-36	PASS
n8	30	20	178000	51@0	CP_QPSK	925.00 MHz-1000 MHz	100 kHz	931.30	-55.57	-30	PASS
n8	30	20	178000	51@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1496.50	-45.34	-30	PASS
n8	30	20	178000	51@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12226.44	-58.18	-30	PASS
n8	30	20	178000	51@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2122.84	-61.47	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1877.38	-62.26	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2629.94	-60.46	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	925 MHz-960 MHz	1 MHz	928.12	-65.95	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1481.80	-62.73	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	791 MHz-821 MHz	1 MHz	810.65	-65.90	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1499.61	-62.74	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3517.76	-60.49	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	758 MHz-803 MHz	1 MHz	801.52	-65.97	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.69	-66.41	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1484.12	-62.77	-50	PASS

						MHz					
n8	30	20	178000	51@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1917.68	-61.99	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2018.22	-61.65	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2613.50	-60.71	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1918.48	-62.03	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2379.50	-60.81	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2636.65	-60.44	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3400.80	-60.41	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3640.40	-61.92	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1456.04	-62.76	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1514.45	-62.70	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.35	-62.99	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2140.60	-61.51	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	738 MHz-758 MHz	1 MHz	756.72	-66.18	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	753 MHz-783 MHz	1 MHz	778.23	-66.00	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.25	-60.67	-50	PASS

n8	30	20	178000	51@0	CP_QPSK	461 MHz-466 MHz	1 MHz	465.83	-66.43	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	460 MHz-465 MHz	1 MHz	463.46	-66.42	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1489.96	-62.74	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1491.16	-62.69	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.93	-63.04	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3392.70	-60.52	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3500.50	-60.58	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4998.80	-61.24	-50	PASS
n8	30	20	178000	51@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1904.75	-67.12	-41	PASS
n8	30	20	178000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.30	-36	PASS
n8	30	20	178000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-46.72	-36	PASS
n8	30	20	178000	1@0	CP_QPSK	30 MHz-855.00 MHz	100 kHz	775.14	-52.48	-36	PASS
n8	30	20	178000	1@0	CP_QPSK	925.00 MHz-1000 MHz	100 kHz	928.23	-55.53	-30	PASS
n8	30	20	178000	1@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1488.50	-45.37	-30	PASS
n8	30	20	178000	1@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12242.88	-58.16	-30	PASS
n8	30	20	178000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2126.08	-61.39	-50	PASS

n8	30	20	178000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1876.25	-62.22	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2636.10	-60.45	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	927.17	-65.91	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1476.08	-62.76	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	807.05	-65.89	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1497.22	-62.70	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3517.36	-60.59	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	779.51	-65.95	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	462.97	-66.42	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1483.86	-62.74	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1912.82	-62.05	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2020.22	-61.67	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.25	-60.64	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1919.40	-61.94	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2374.90	-60.79	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2634.13	-60.51	-50	PASS

						MHz					
n8	30	20	178000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3498.00	-60.55	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3643.60	-61.90	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1459.18	-62.71	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1492.61	-62.71	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.74	-62.95	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2160.40	-61.50	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	750.38	-66.27	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	781.53	-65.99	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.95	-60.60	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	465.06	-66.43	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	461.38	-66.39	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1500.46	-62.75	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1499.07	-62.71	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.54	-63.03	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3503.40	-60.51	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3396.00	-60.53	-50	PASS

						MHz					
n8	30	20	178000	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4997.60	-61.21	-50	PASS
n8	30	20	178000	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1894.08	-67.05	-41	PASS
n8	30	20	178000	1@50	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.50	-36	PASS
n8	30	20	178000	1@50	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-46.16	-36	PASS
n8	30	20	178000	1@50	CP_QPSK	30 MHz-855.00 MHz	100 kHz	260.01	-51.72	-36	PASS
n8	30	20	178000	1@50	CP_QPSK	925.00 MHz-1000 MHz	100 kHz	926.50	-55.64	-30	PASS
n8	30	20	178000	1@50	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1490.50	-45.38	-30	PASS
n8	30	20	178000	1@50	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12264.52	-58.16	-30	PASS
n8	30	20	178000	1@50	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2142.52	-61.48	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1876.85	-62.22	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2635.96	-60.40	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	925 MHz-960 MHz	1 MHz	931.27	-65.93	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1478.54	-62.66	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	791 MHz-821 MHz	1 MHz	800.18	-65.94	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1502.82	-62.73	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3517.92	-60.51	-50	PASS

						MHz					
n8	30	20	178000	1@50	CP_QPSK	758 MHz-803 MHz	1 MHz	800.44	-65.96	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.09	-66.42	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1485.40	-62.79	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1917.26	-61.97	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2015.66	-61.72	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.90	-60.60	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1915.88	-62.03	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2368.70	-60.81	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2633.93	-60.45	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3518.60	-60.55	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3648.20	-61.84	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1460.12	-62.83	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1507.40	-62.74	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.67	-62.97	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2141.95	-61.44	-50	PASS

						MHz					
n8	30	20	178000	1@50	CP_QPSK	738 MHz-758 MHz	1 MHz	757.46	-66.21	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	753 MHz-783 MHz	1 MHz	782.70	-65.97	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2613.65	-60.68	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	461 MHz-466 MHz	1 MHz	462.89	-66.38	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	460 MHz-465 MHz	1 MHz	462.00	-66.45	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1515.08	-62.75	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1502.64	-62.73	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.36	-63.04	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3494.40	-60.60	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3398.50	-60.56	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4991.60	-61.18	-50	PASS
n8	30	20	178000	1@50	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1914.42	-67.07	-41	PASS
n8	30	20	179500	51@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-41.94	-36	PASS
n8	30	20	179500	51@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-48.01	-36	PASS
n8	30	20	179500	51@0	CP_QPSK	30 MHz-862.50 MHz	100 kHz	260.02	-52.46	-36	PASS
n8	30	20	179500	51@0	CP_QPSK	932.50 MHz-1000 MHz	100 kHz	945.66	-55.42	-30	PASS
n8	30	20	179500	51@0	CP_QPSK	1000 MHz	1 MHz	1489.50	-45.30	-30	PASS

						MHz-1500 MHz	MHz				
n8	30	20	179500	51@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12228.17	-58.06	-30	PASS
n8	30	20	179500	51@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2150.62	-61.52	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1872.43	-62.25	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2639.88	-60.34	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	925 MHz-960 MHz	1 MHz	927.80	-65.90	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1493.42	-62.73	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	791 MHz-821 MHz	1 MHz	798.65	-65.82	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1496.59	-62.70	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3531.12	-60.51	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	758 MHz-803 MHz	1 MHz	785.54	-66.02	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.08	-66.44	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1487.11	-62.72	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1918.84	-62.04	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2020.29	-61.67	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2612.15	-60.59	-50	PASS

n8	30	20	179500	51@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1914.20	-61.94	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2381.90	-60.74	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2636.07	-60.43	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3534.40	-60.55	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3659.60	-61.88	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1462.96	-62.87	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1508.33	-62.72	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.38	-62.97	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2123.14	-61.43	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	738 MHz-758 MHz	1 MHz	756.72	-66.24	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	753 MHz-783 MHz	1 MHz	779.37	-65.96	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.45	-60.59	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	461 MHz-466 MHz	1 MHz	464.91	-66.40	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	460 MHz-465 MHz	1 MHz	461.76	-66.41	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1511.68	-62.70	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1489.21	-62.78	-50	PASS

n8	30	20	179500	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.90	-62.99	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3381.90	-60.55	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3393.50	-60.47	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4998.20	-61.23	-50	PASS
n8	30	20	179500	51@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1915.29	-66.91	-41	PASS
n8	30	20	179500	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-41.48	-36	PASS
n8	30	20	179500	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-47.92	-36	PASS
n8	30	20	179500	1@0	CP_QPSK	30 MHz-862.50 MHz	100 kHz	260.02	-51.73	-36	PASS
n8	30	20	179500	1@0	CP_QPSK	932.50 MHz-1000 MHz	100 kHz	959.64	-55.64	-30	PASS
n8	30	20	179500	1@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1486.00	-45.41	-30	PASS
n8	30	20	179500	1@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12249.81	-58.11	-30	PASS
n8	30	20	179500	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2143.60	-61.47	-50	PASS
n8	30	20	179500	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1876.40	-62.24	-50	PASS
n8	30	20	179500	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2657.24	-60.28	-50	PASS
n8	30	20	179500	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	933.40	-65.85	-50	PASS
n8	30	20	179500	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1491.18	-62.73	-50	PASS

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n8	30	20	179500	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	815.81	-65.94	-50	PASS	
n8	30	20	179500	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1506.75	-62.67	-50	PASS	
n8	30	20	179500	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3532.88	-60.48	-50	PASS	
n8	30	20	179500	1@0	CP_QPSK	758 MHz-803 MHz	1 MHz	796.52	-65.96	-50	PASS	
n8	30	20	179500	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.33	-66.42	-50	PASS	
n8	30	20	179500	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1483.33	-62.71	-50	PASS	
n8	30	20	179500	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1911.04	-62.03	-50	PASS	
n8	30	20	179500	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2020.61	-61.69	-50	PASS	
n8	30	20	179500	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.30	-60.62	-50	PASS	
n8	30	20	179500	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1912.04	-62.00	-50	PASS	
n8	30	20	179500	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2370.30	-60.82	-50	PASS	
n8	30	20	179500	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2653.33	-60.39	-50	PASS	
n8	30	20	179500	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3521.00	-60.44	-50	PASS	
n8	30	20	179500	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3655.00	-61.89	-50	PASS	
n8	30	20	179500	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1463.10	-62.83	-50	PASS	

n8	30	20	179500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1507.40	-62.67	-50	PASS
n8	30	20	179500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.56	-62.96	-50	PASS
n8	30	20	179500	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2121.97	-61.53	-50	PASS
n8	30	20	179500	1@0	CP_QPSK	738 MHz-758 MHz	1 MHz	755.66	-66.25	-50	PASS
n8	30	20	179500	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	776.76	-66.00	-50	PASS
n8	30	20	179500	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.60	-60.61	-50	PASS
n8	30	20	179500	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	462.92	-66.43	-50	PASS
n8	30	20	179500	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	462.89	-66.41	-50	PASS
n8	30	20	179500	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1483.43	-62.68	-50	PASS
n8	30	20	179500	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1477.31	-62.72	-50	PASS
n8	30	20	179500	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.32	-62.99	-50	PASS
n8	30	20	179500	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3539.40	-60.57	-50	PASS
n8	30	20	179500	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3389.00	-60.49	-50	PASS
n8	30	20	179500	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4973.60	-61.19	-50	PASS
n8	30	20	179500	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1912.80	-66.93	-41	PASS
n8	30	20	179500	1@50	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-41.85	-36	PASS
n8	30	20	179500	1@50	CP_QPSK	150 kHz-30	10	0.19	-48.84	-36	PASS

						MHz	kHz				
n8	30	20	179500	1@50	CP_QPSK	30 MHz-862.50 MHz	100 kHz	260.02	-50.88	-36	PASS
n8	30	20	179500	1@50	CP_QPSK	932.50 MHz-1000 MHz	100 kHz	936.42	-55.63	-30	PASS
n8	30	20	179500	1@50	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1485.50	-45.31	-30	PASS
n8	30	20	179500	1@50	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12221.25	-58.01	-30	PASS
n8	30	20	179500	1@50	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2137.06	-61.52	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1879.78	-62.21	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2645.62	-60.39	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	925 MHz-960 MHz	1 MHz	926.12	-65.91	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1490.08	-62.74	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	791 MHz-821 MHz	1 MHz	799.28	-65.94	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1508.10	-62.65	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3543.52	-60.50	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	758 MHz-803 MHz	1 MHz	795.76	-65.96	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	464.36	-66.42	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1472.24	-62.76	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	1900	1	1915.28	-62.03	-50	PASS

						MHz-1920 MHz	MHz				
n8	30	20	179500	1@50	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2016.57	-61.72	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2615.65	-60.56	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1914.16	-62.03	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2373.90	-60.82	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2648.68	-60.41	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3544.40	-60.49	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3638.80	-61.93	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1463.32	-62.82	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1513.77	-62.76	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.85	-63.02	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2115.40	-61.52	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	738 MHz-758 MHz	1 MHz	755.58	-66.30	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	753 MHz-783 MHz	1 MHz	781.41	-65.97	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2615.20	-60.72	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	461 MHz-466 MHz	1 MHz	465.02	-66.46	-50	PASS

n8	30	20	179500	1@50	CP_QPSK	460 MHz-465 MHz	1 MHz	464.81	-66.35	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1516.07	-62.71	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1509.78	-62.75	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1430.68	-62.99	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3541.20	-60.58	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3381.50	-60.46	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4988.60	-61.21	-50	PASS
n8	30	20	179500	1@50	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1909.74	-67.12	-41	PASS
n8	30	20	181000	51@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-42.52	-36	PASS
n8	30	20	181000	51@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-49.16	-36	PASS
n8	30	20	181000	51@0	CP_QPSK	30 MHz-870.00 MHz	100 kHz	259.99	-52.76	-36	PASS
n8	30	20	181000	51@0	CP_QPSK	940.00 MHz-1000 MHz	100 kHz	951.40	-55.48	-30	PASS
n8	30	20	181000	51@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1485.50	-45.34	-30	PASS
n8	30	20	181000	51@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12216.06	-58.04	-30	PASS
n8	30	20	181000	51@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2128.24	-61.51	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1878.28	-62.30	-50	PASS

						MHz					
n8	30	20	181000	51@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2645.69	-60.41	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	925 MHz-960 MHz	1 MHz	925.56	-65.88	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1489.12	-62.76	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	791 MHz-821 MHz	1 MHz	819.89	-65.93	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1496.25	-62.68	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3572.64	-60.21	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	758 MHz-803 MHz	1 MHz	796.57	-65.96	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	467.28	-66.39	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1489.31	-62.72	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1914.62	-62.03	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2013.71	-61.67	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2617.90	-60.53	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1915.88	-62.08	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2379.20	-60.72	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2659.93	-60.36	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	3400	1	3578.00	-60.17	-50	PASS

						MHz-3600 MHz	MHz				
n8	30	20	181000	51@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3678.00	-61.90	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1465.34	-62.83	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1508.93	-62.68	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.25	-62.90	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2130.43	-61.50	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	738 MHz-758 MHz	1 MHz	755.86	-66.20	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	753 MHz-783 MHz	1 MHz	779.58	-66.00	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2616.35	-60.65	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	461 MHz-466 MHz	1 MHz	464.75	-66.41	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	460 MHz-465 MHz	1 MHz	463.32	-66.36	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1494.09	-62.71	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1501.79	-62.69	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1427.82	-62.96	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3577.20	-60.28	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3576.50	-60.27	-50	PASS
n8	30	20	181000	51@0	CP_QPSK	4400	1	4972.40	-61.25	-50	PASS

						MHz-5000 MHz	MHz				
n8	30	20	181000	51@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1906.31	-67.09	-41	PASS
n8	30	20	181000	1@0	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-40.18	-36	PASS
n8	30	20	181000	1@0	CP_QPSK	150 kHz-30 MHz	10 kHz	0.16	-45.64	-36	PASS
n8	30	20	181000	1@0	CP_QPSK	30 MHz-870.00 MHz	100 kHz	259.99	-52.81	-36	PASS
n8	30	20	181000	1@0	CP_QPSK	940.00 MHz-1000 MHz	100 kHz	941.08	-55.50	-30	PASS
n8	30	20	181000	1@0	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1477.50	-45.37	-30	PASS
n8	30	20	181000	1@0	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12258.46	-58.12	-30	PASS
n8	30	20	181000	1@0	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2158.78	-61.49	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1879.78	-62.18	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2644.64	-60.28	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	925 MHz-960 MHz	1 MHz	930.39	-65.89	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1493.42	-62.73	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	791 MHz-821 MHz	1 MHz	806.06	-65.87	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1496.49	-62.69	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3578.40	-60.23	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	758 MHz-803	1	789.41	-65.93	-50	PASS

						MHz	MHz				
n8	30	20	181000	1@0	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	465.83	-66.45	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1493.89	-62.67	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1905.80	-61.99	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2015.57	-61.53	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2619.55	-60.56	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1912.28	-62.05	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2390.30	-60.75	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2654.30	-60.39	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3573.00	-60.27	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3668.20	-61.92	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1465.94	-62.82	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1493.20	-62.67	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1428.55	-62.98	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2133.58	-61.49	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	738 MHz-758	1	752.78	-66.24	-50	PASS

						MHz	MHz				
n8	30	20	181000	1@0	CP_QPSK	753 MHz-783 MHz	1 MHz	778.98	-65.96	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2613.80	-60.64	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	461 MHz-466 MHz	1 MHz	462.91	-66.30	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	460 MHz-465 MHz	1 MHz	463.88	-66.34	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1509.40	-62.72	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1468.55	-62.68	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1429.87	-62.91	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3577.20	-60.26	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3575.50	-60.33	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4970.00	-61.21	-50	PASS
n8	30	20	181000	1@0	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1914.89	-67.07	-41	PASS
n8	30	20	181000	1@50	CP_QPSK	9 kHz-150 kHz	1 kHz	0.01	-40.58	-36	PASS
n8	30	20	181000	1@50	CP_QPSK	150 kHz-30 MHz	10 kHz	0.17	-49.13	-36	PASS
n8	30	20	181000	1@50	CP_QPSK	30 MHz-870.00 MHz	100 kHz	259.99	-51.81	-36	PASS
n8	30	20	181000	1@50	CP_QPSK	940.00 MHz-1000 MHz	100 kHz	950.20	-55.61	-30	PASS
n8	30	20	181000	1@50	CP_QPSK	1000 MHz-1500 MHz	1 MHz	1492.50	-45.29	-30	PASS

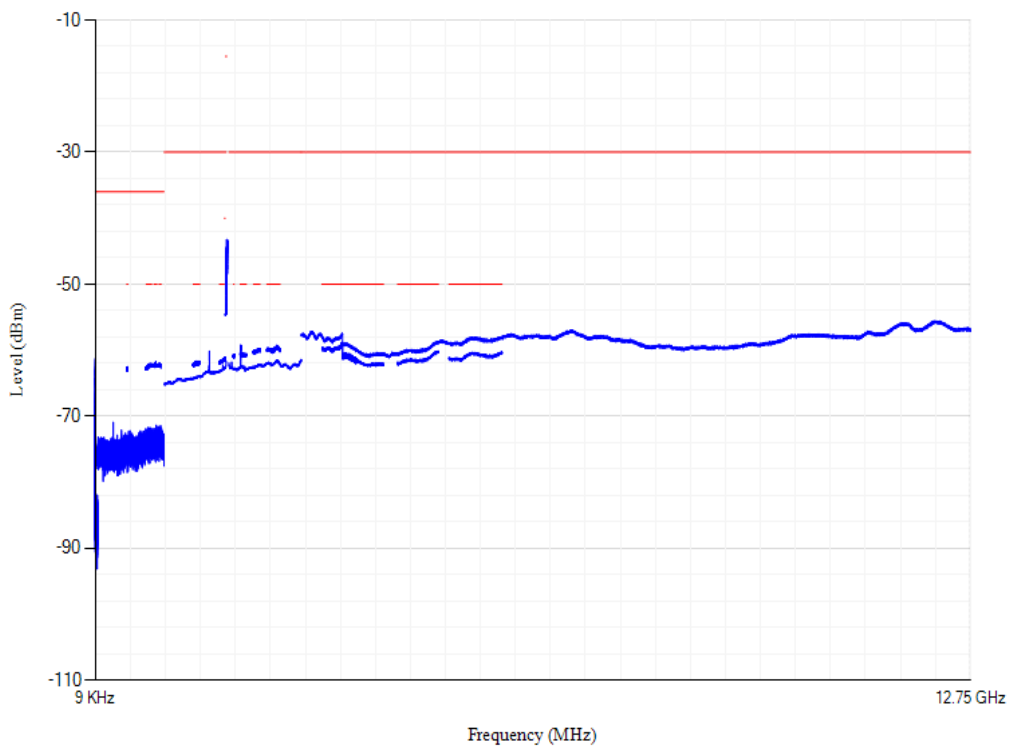
n8	30	20	181000	1@50	CP_QPSK	1500 MHz-12.75 GHz	1 MHz	12268.85	-58.07	-30	PASS
n8	30	20	181000	1@50	CP_QPSK	2110 MHz-2170 MHz	1 MHz	2141.62	-61.49	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	1805 MHz-1880 MHz	1 MHz	1873.33	-62.15	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	2620 MHz-2690 MHz	1 MHz	2642.61	-60.31	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	925 MHz-960 MHz	1 MHz	929.52	-65.88	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	1475.9 MHz-1495.9 MHz	1 MHz	1494.12	-62.72	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	791 MHz-821 MHz	1 MHz	804.44	-65.87	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	1495.9 MHz-1510.9 MHz	1 MHz	1496.65	-62.63	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	3510 MHz-3590 MHz	1 MHz	3577.28	-60.20	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	758 MHz-803 MHz	1 MHz	791.08	-65.83	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	462.5 MHz-467.5 MHz	1 MHz	466.45	-66.39	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	1452 MHz-1496 MHz	1 MHz	1476.20	-62.74	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	1900 MHz-1920 MHz	1 MHz	1907.80	-62.02	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	2010 MHz-2025 MHz	1 MHz	2020.83	-61.60	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2613.50	-60.67	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	1880 MHz-1920 MHz	1 MHz	1913.44	-61.95	-50	PASS

						MHz					
n8	30	20	181000	1@50	CP_QPSK	2300 MHz-2400 MHz	1 MHz	2383.10	-60.74	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	2496 MHz-2690 MHz	1 MHz	2653.14	-60.36	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	3400 MHz-3600 MHz	1 MHz	3577.80	-60.23	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	3600 MHz-3800 MHz	1 MHz	3663.60	-61.86	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	1447 MHz-1467 MHz	1 MHz	1465.08	-62.80	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1508.50	-62.71	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.56	-63.00	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	2110 MHz-2200 MHz	1 MHz	2130.61	-61.40	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	738 MHz-758 MHz	1 MHz	755.36	-66.20	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	753 MHz-783 MHz	1 MHz	782.07	-66.00	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	2570 MHz-2620 MHz	1 MHz	2618.95	-60.59	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	461 MHz-466 MHz	1 MHz	465.25	-66.41	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	460 MHz-465 MHz	1 MHz	460.89	-66.41	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	1475 MHz-1518 MHz	1 MHz	1485.15	-62.69	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	1432 MHz-1517 MHz	1 MHz	1498.05	-62.70	-50	PASS
n8	30	20	181000	1@50	CP_QPSK	1427 MHz-1432 MHz	1 MHz	1431.52	-62.97	-50	PASS

						MHz						
n8	30	20	181000	1@50	CP_QPSK	3300 MHz-4200 MHz	1 MHz	3577.20	-60.28	-50	PASS	
n8	30	20	181000	1@50	CP_QPSK	3300 MHz-3800 MHz	1 MHz	3578.00	-60.25	-50	PASS	
n8	30	20	181000	1@50	CP_QPSK	4400 MHz-5000 MHz	1 MHz	4962.80	-61.20	-50	PASS	
n8	30	20	181000	1@50	CP_QPSK	1884.5 MHz-1915.7 MHz	300 kHz	1912.14	-67.09	-41	PASS	

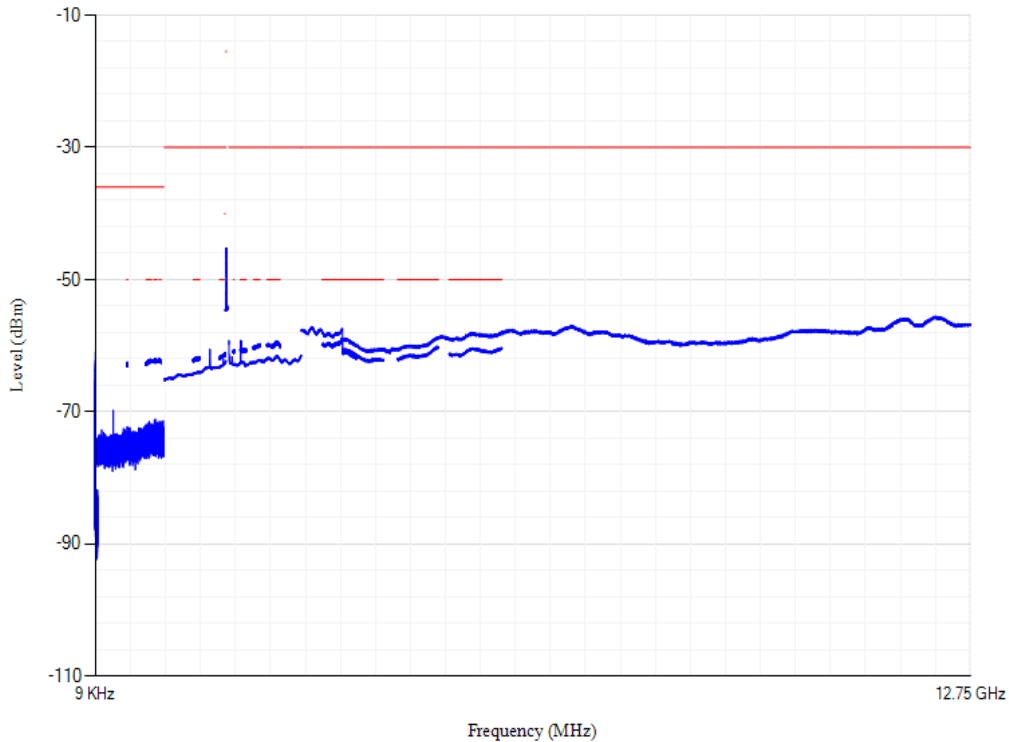
n1 SCS=30kHz CP_QPSK BW=10MHz Channel=385000 RB=1@0

Conducted spurious emissions



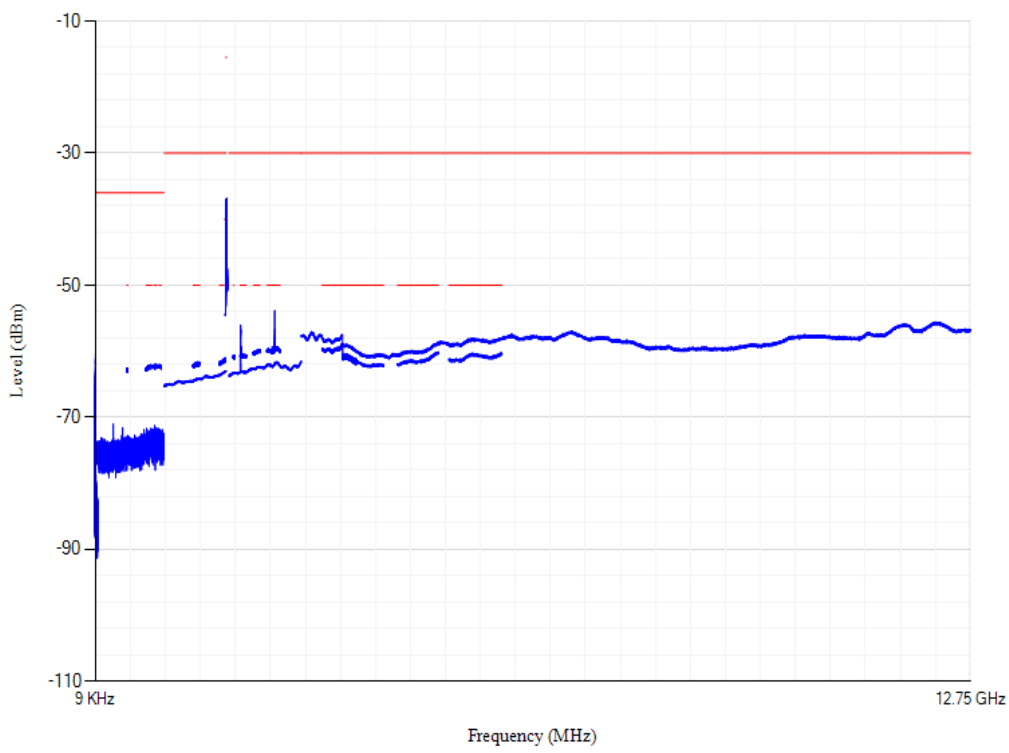
n1 SCS=30kHz CP_QPSK BW=10MHz Channel=385000 RB=1@23

Conducted spurious emissions



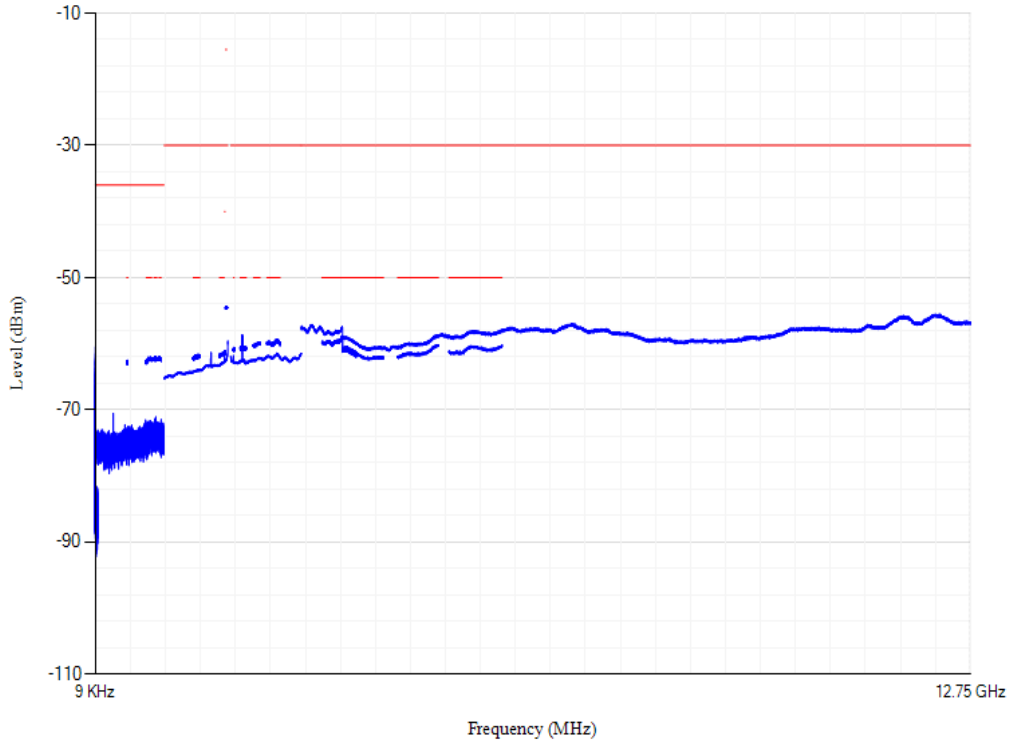
n1 SCS=30kHz CP_QPSK BW=10MHz Channel=385000 RB=24@0

Conducted spurious emissions



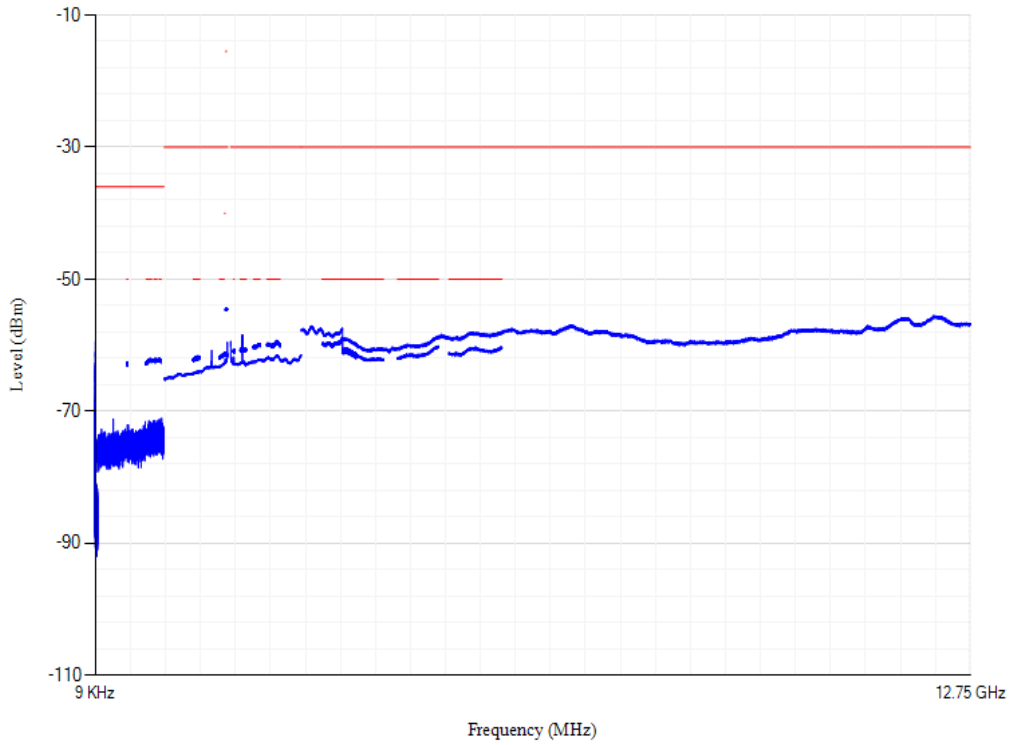
n1 SCS=30kHz CP_QPSK BW=10MHz Channel=390000 RB=1@0

Conducted spurious emissions



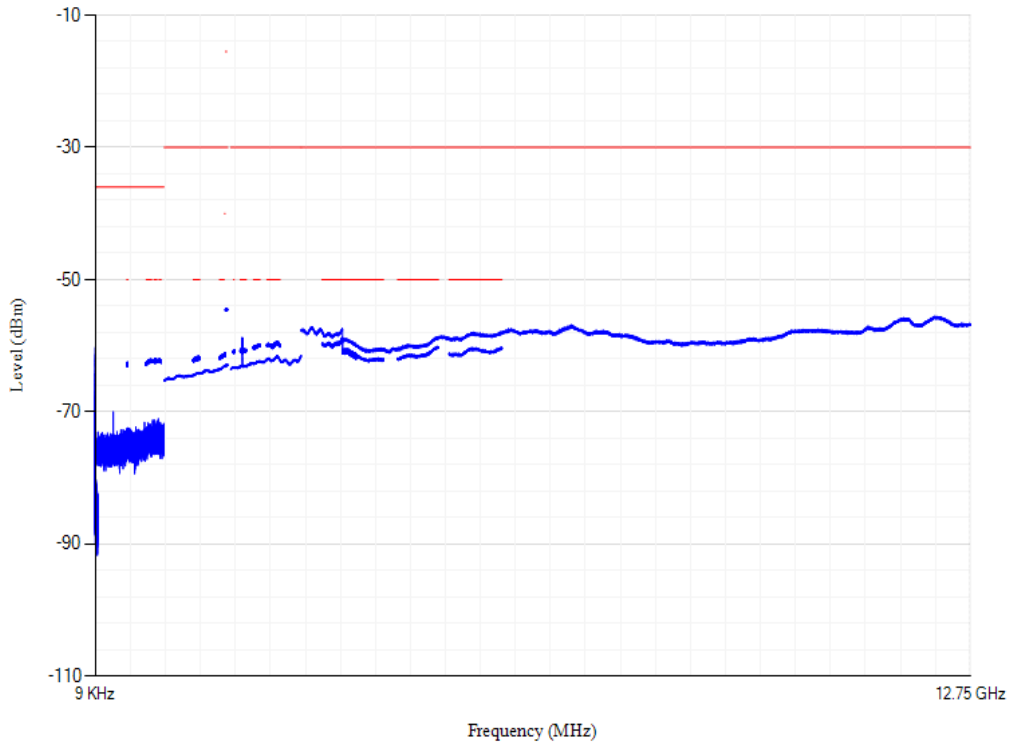
n1 SCS=30kHz CP_QPSK BW=10MHz Channel=390000 RB=1@23

Conducted spurious emissions



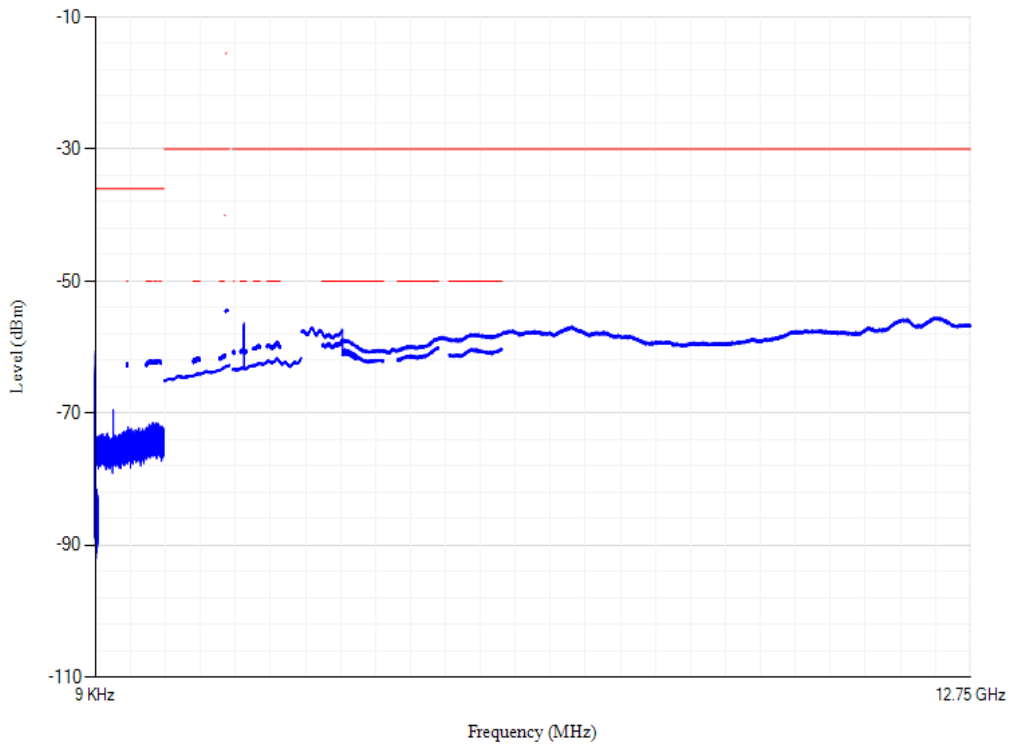
n1 SCS=30kHz CP_QPSK BW=10MHz Channel=390000 RB=24@0

Conducted spurious emissions



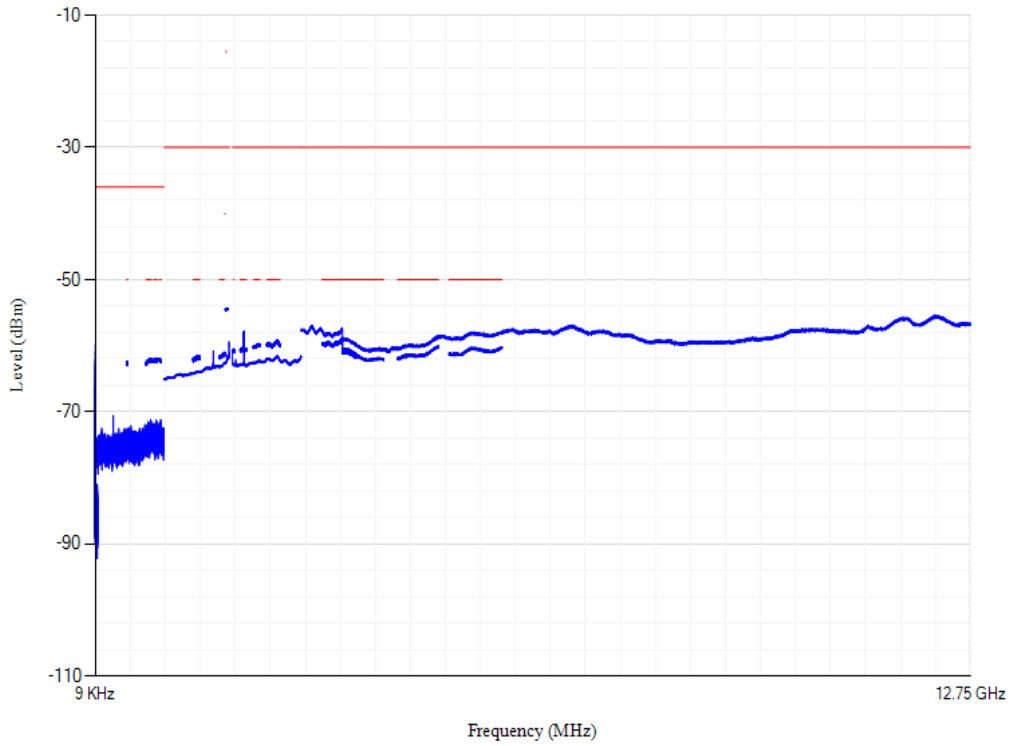
n1 SCS=30kHz CP_QPSK BW=10MHz Channel=395000 RB=1@0

Conducted spurious emissions



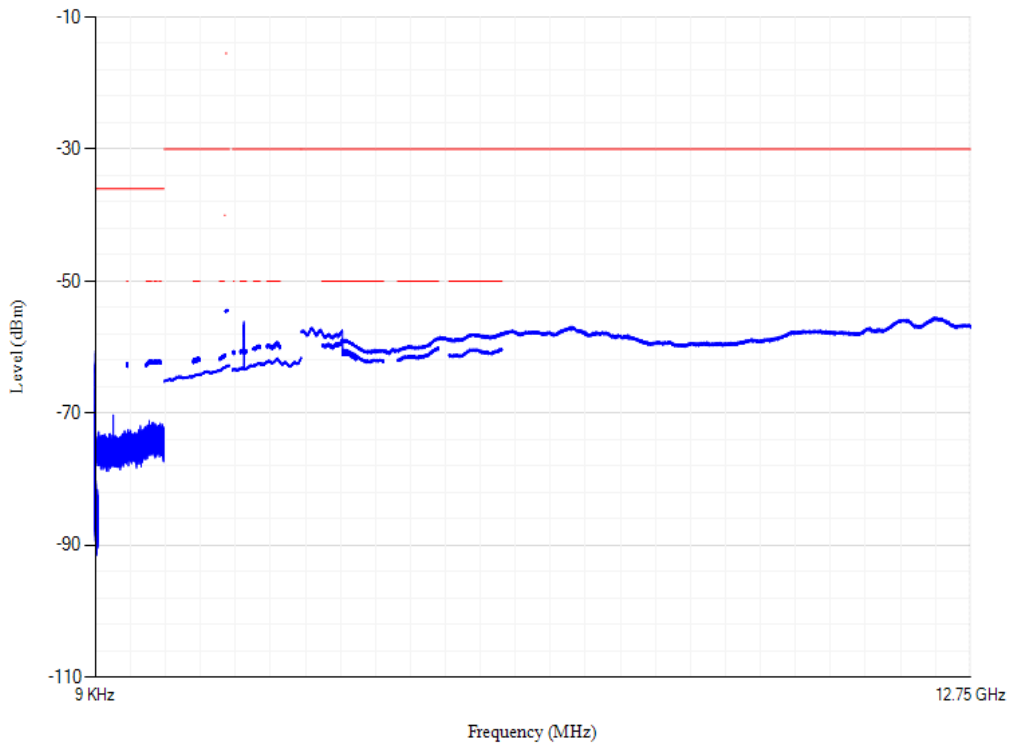
n1 SCS=30kHz CP_QPSK BW=10MHz Channel=395000 RB=1@23

Conducted spurious emissions



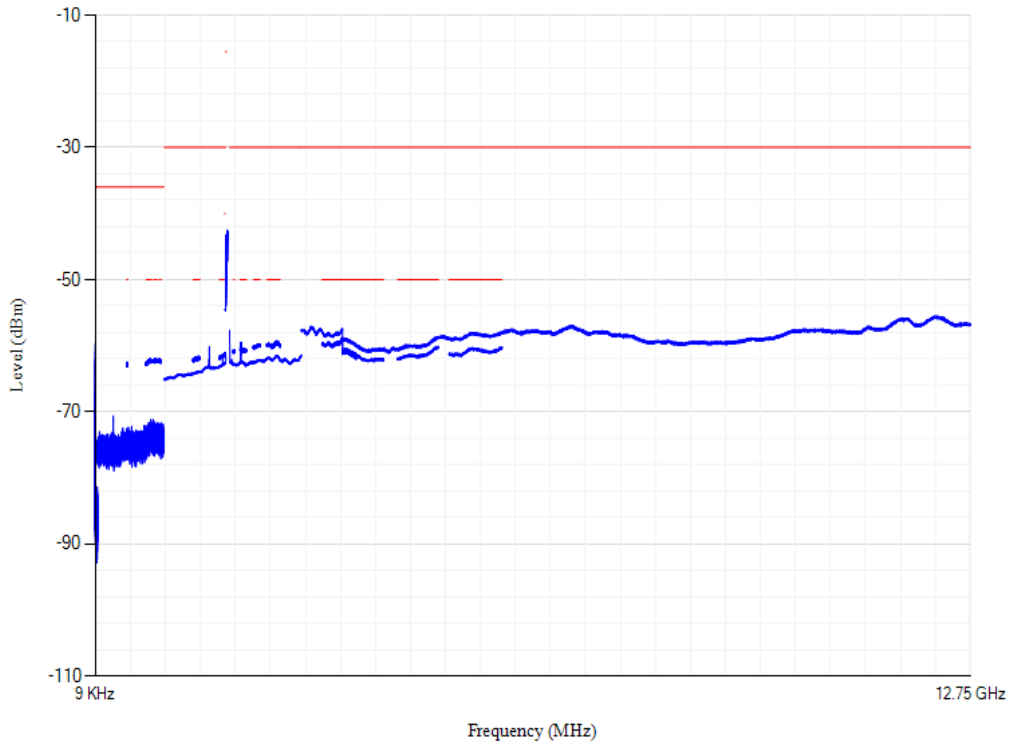
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Conducted spurious emissions



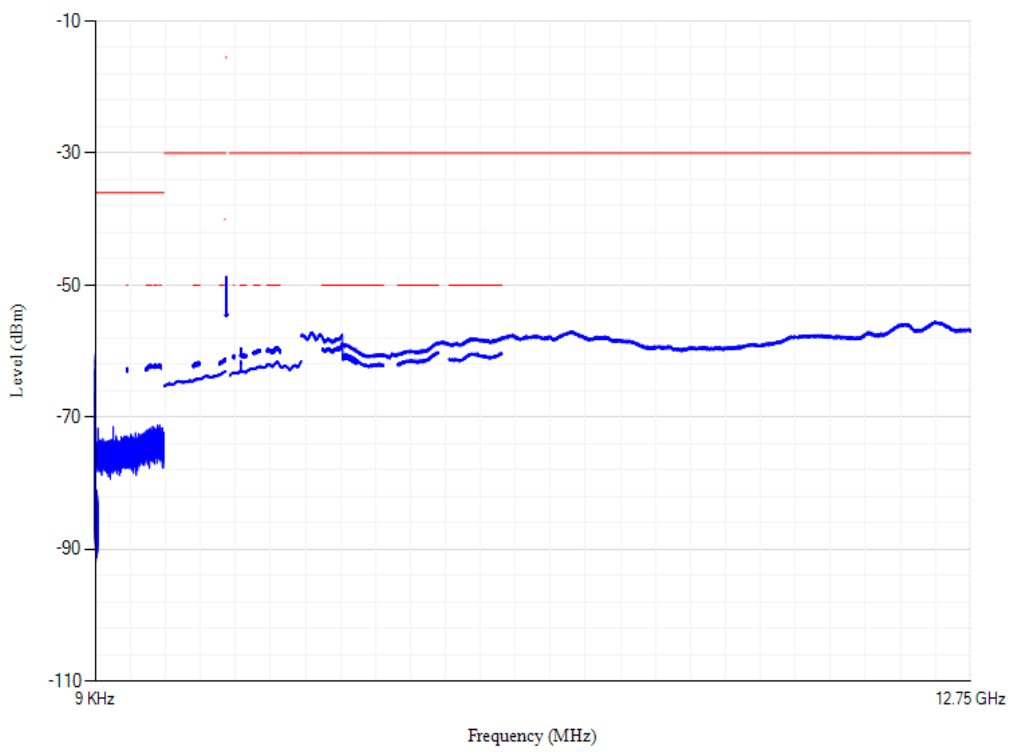
n1 SCS=30kHz CP_QPSK BW=15MHz Channel=385500 RB=1@0

Conducted spurious emissions



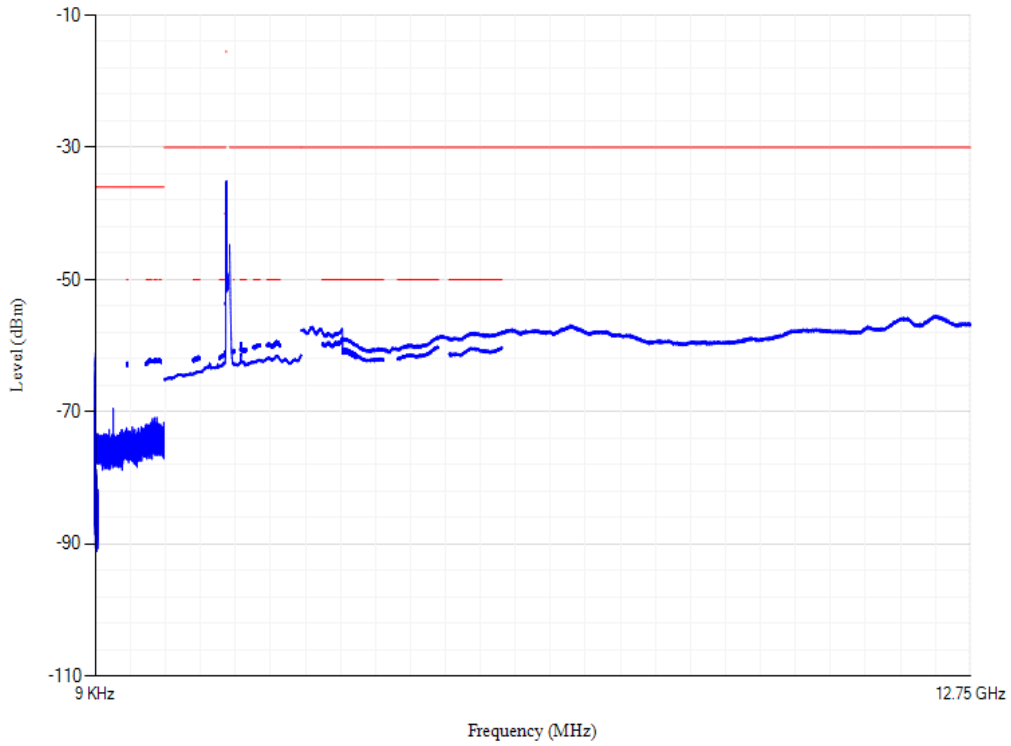
n1 SCS=30kHz CP_QPSK BW=15MHz Channel=385500 RB=1@37

Conducted spurious emissions



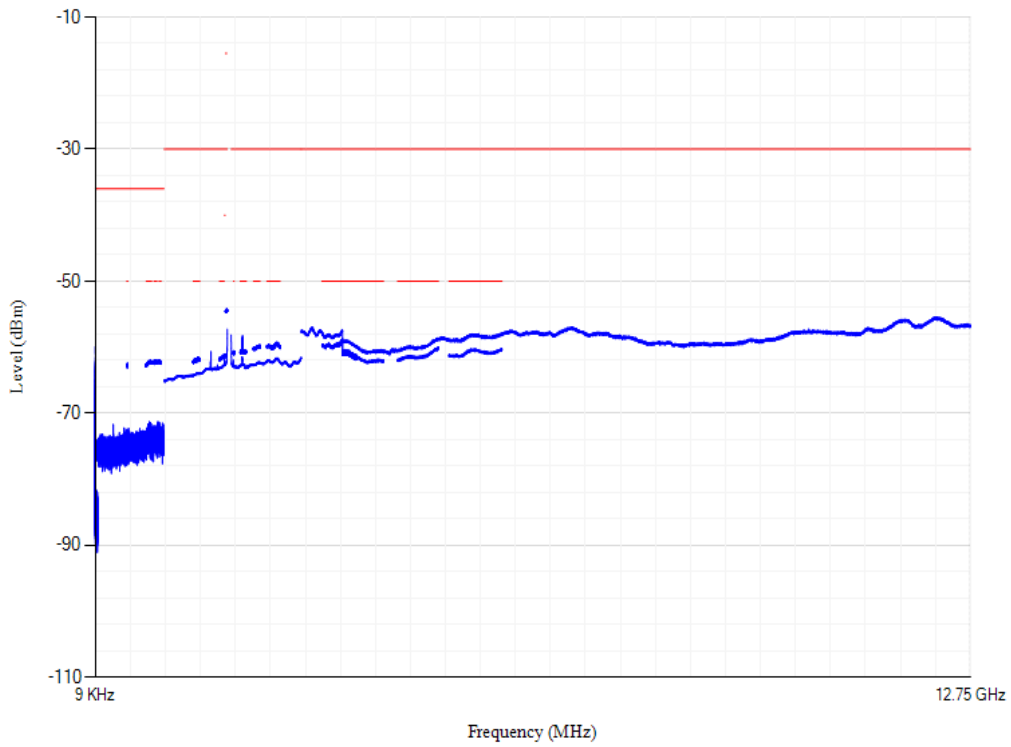
n1 SCS=30kHz CP_QPSK BW=15MHz Channel=385500 RB=38@0

Conducted spurious emissions



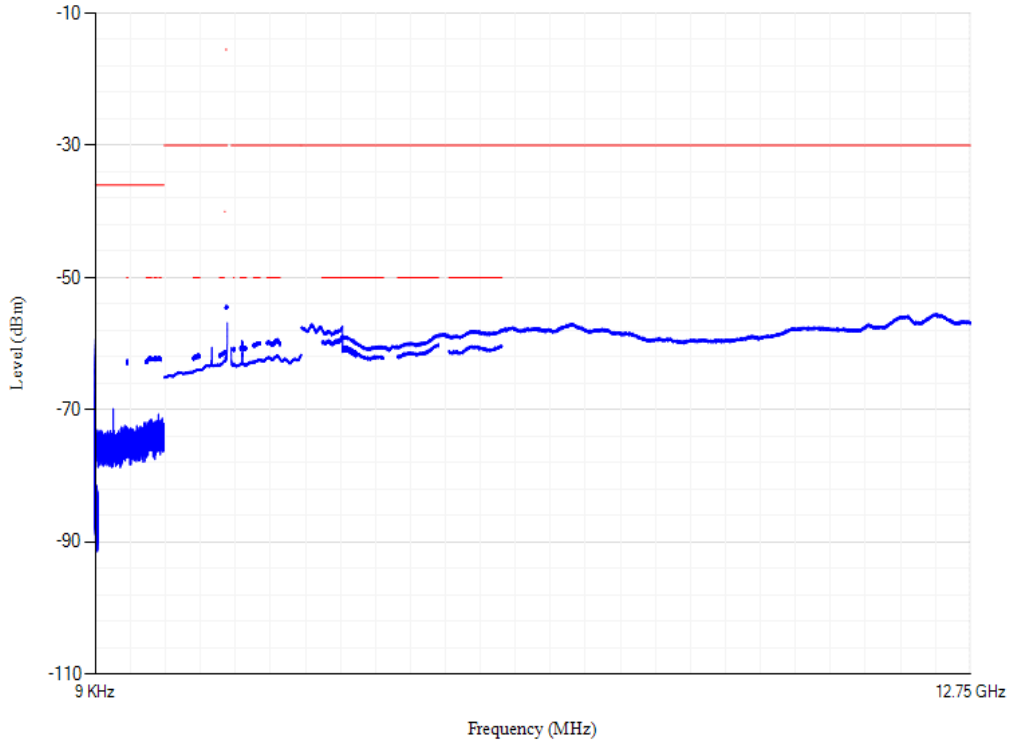
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Conducted spurious emissions



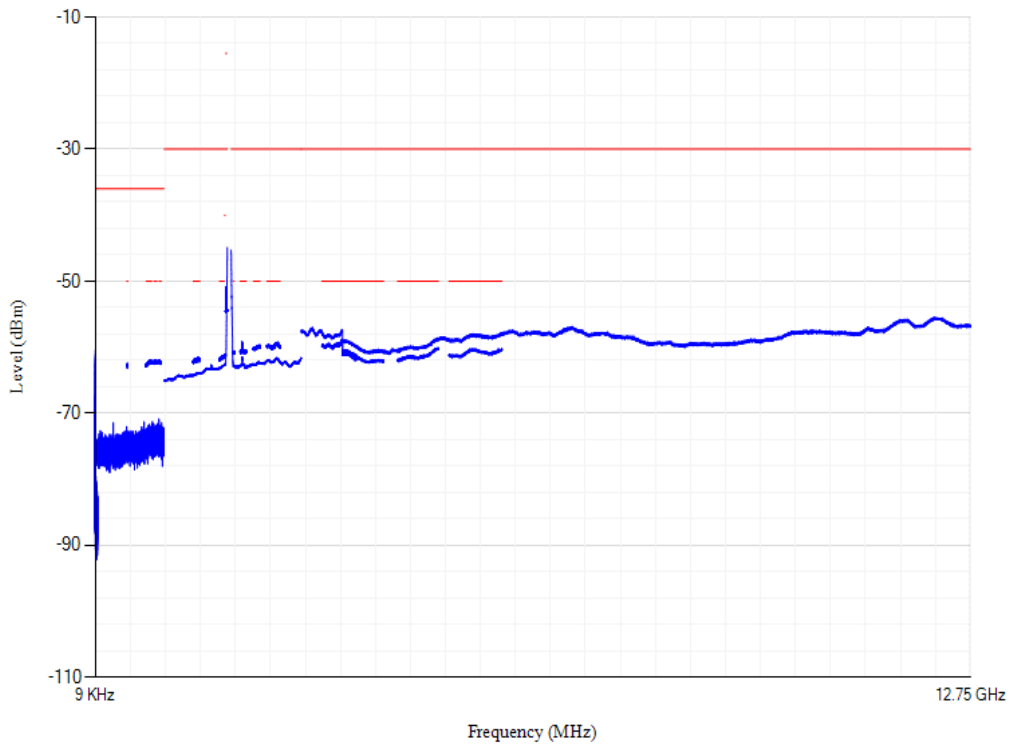
n1 SCS=30kHz CP_QPSK BW=15MHz Channel=390000 RB=1@37

Conducted spurious emissions



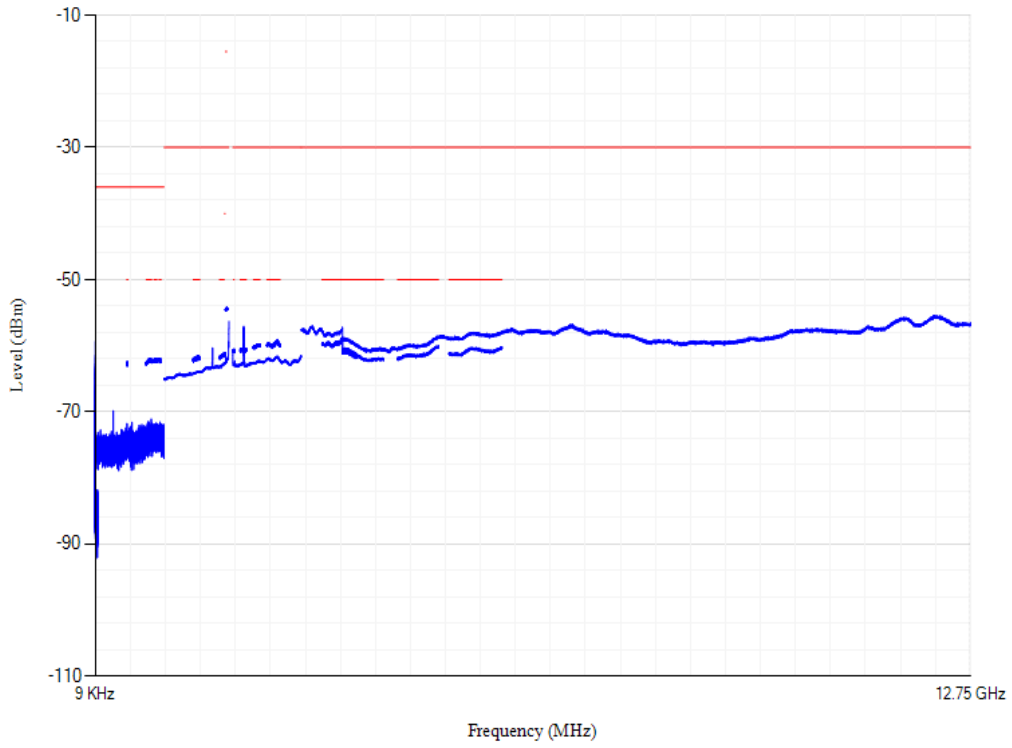
n1 SCS=30kHz CP_QPSK BW=15MHz Channel=390000 RB=38@0

Conducted spurious emissions



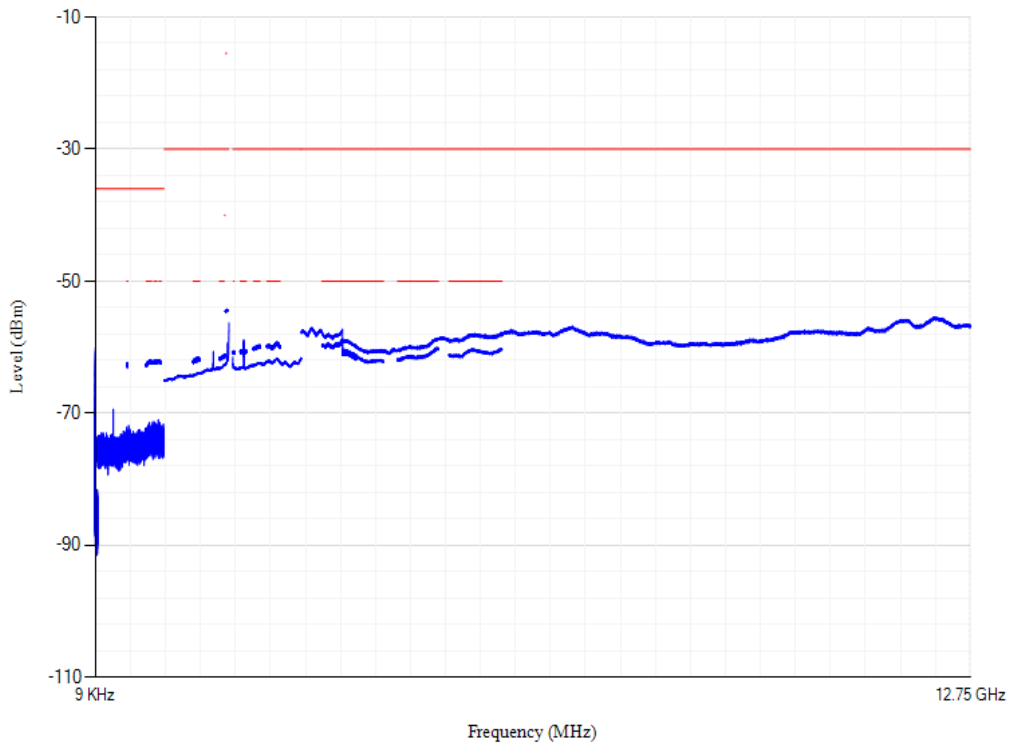
n1 SCS=30kHz CP_QPSK BW=15MHz Channel=394500 RB=1@0

Conducted spurious emissions



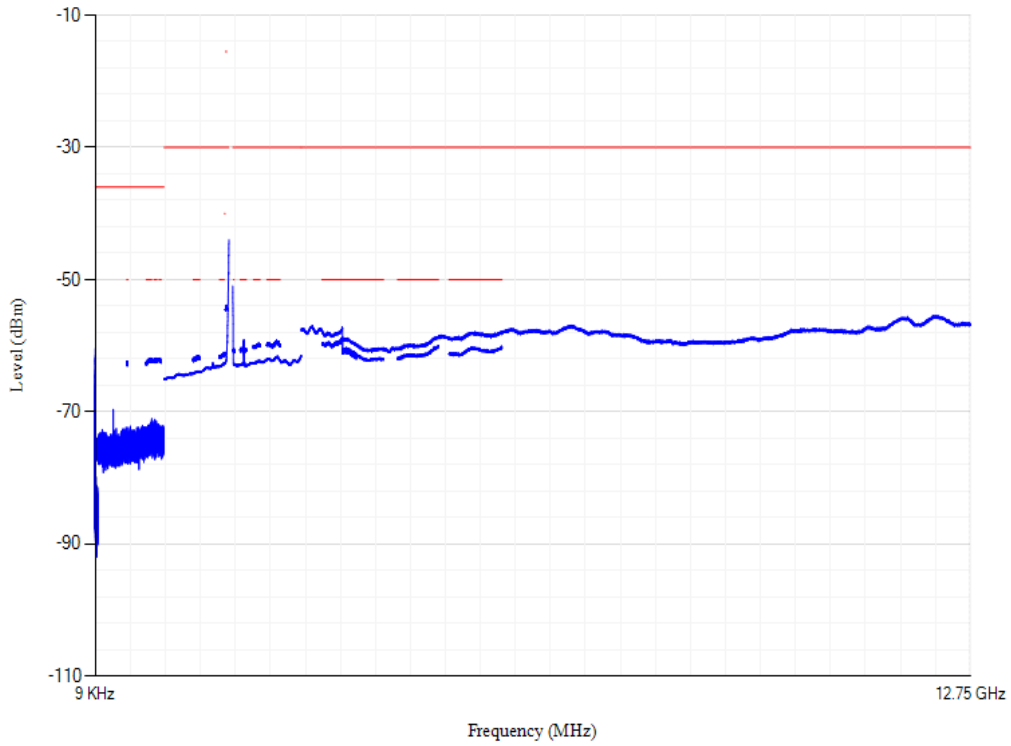
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Conducted spurious emissions



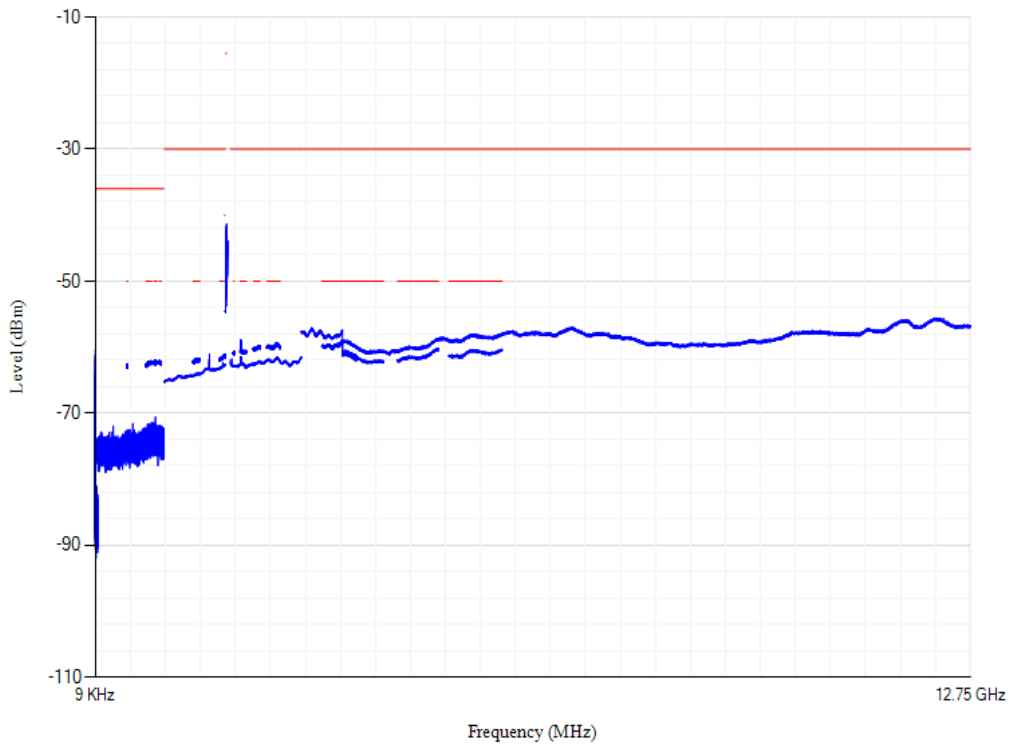
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Conducted spurious emissions



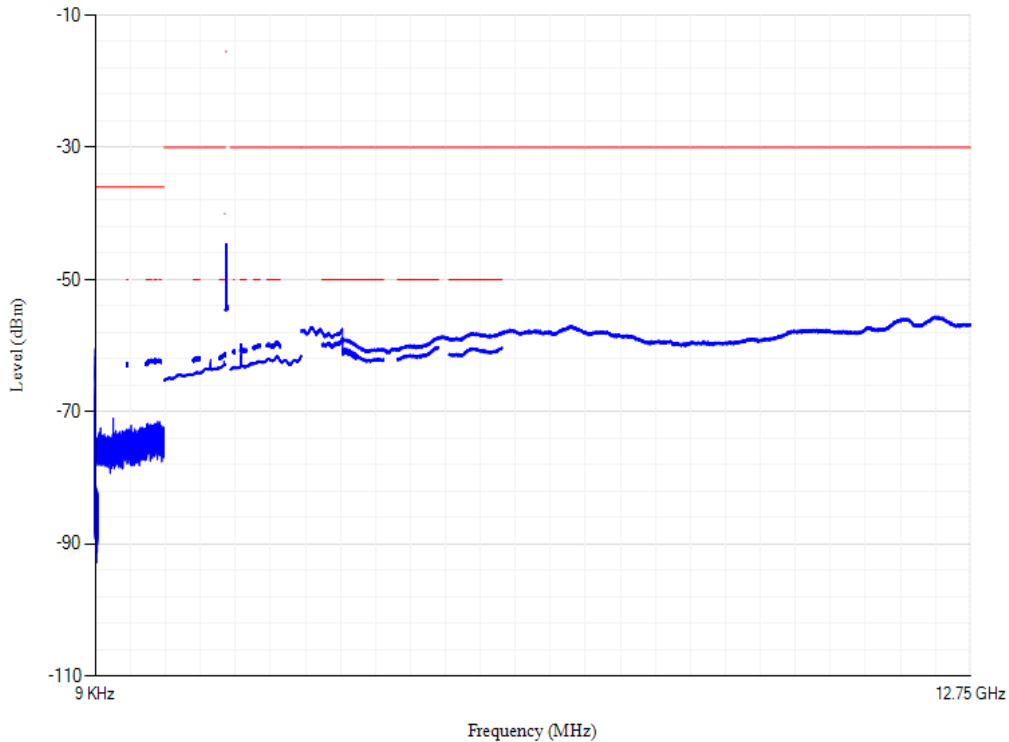
n1 SCS=30kHz CP_QPSK BW=20MHz Channel=386000 RB=1@0

Conducted spurious emissions



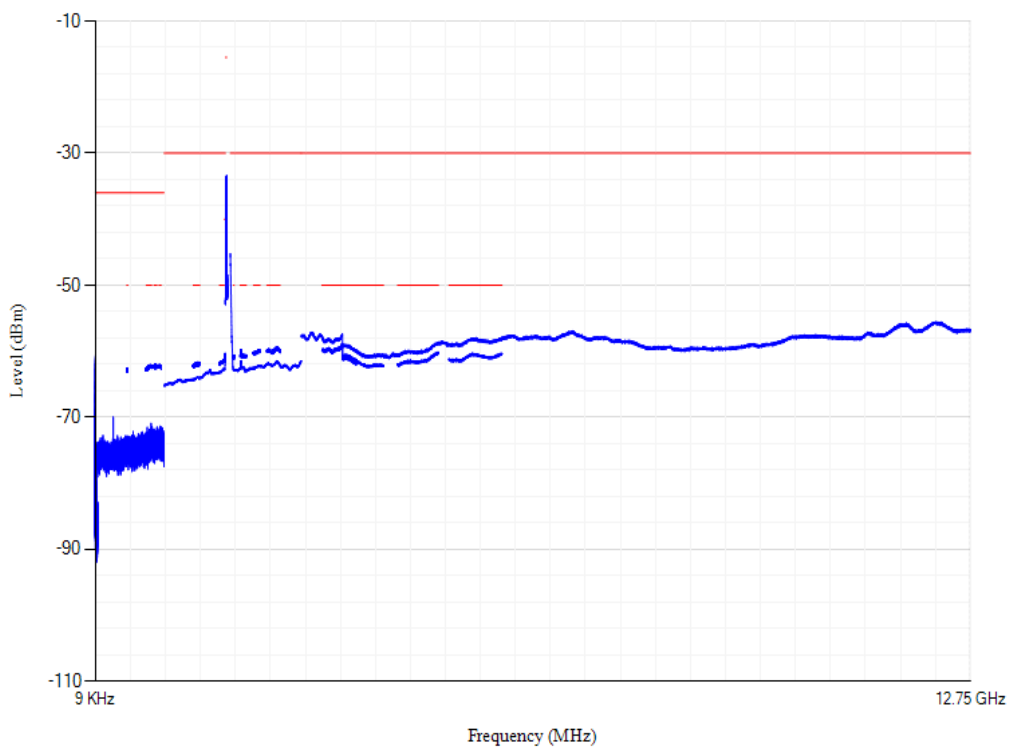
n1 SCS=30kHz CP_QPSK BW=20MHz Channel=386000 RB=1@50

Conducted spurious emissions



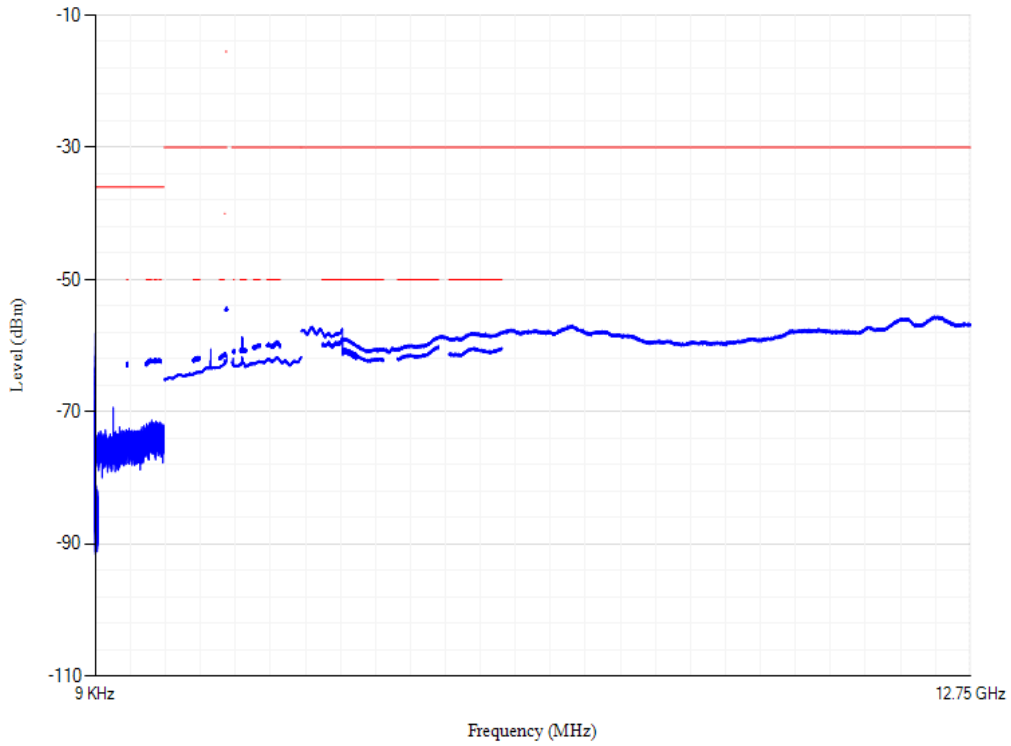
n1 SCS=30kHz CP_QPSK BW=20MHz Channel=386000 RB=51 @0

Conducted spurious emissions



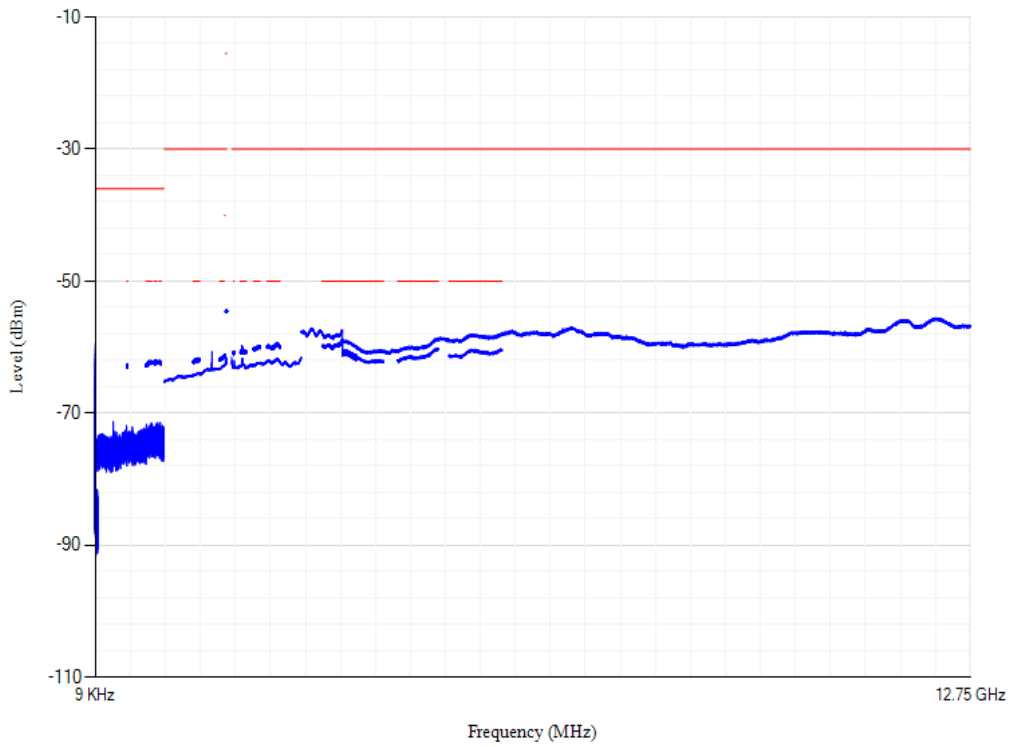
n1 SCS=30kHz CP_QPSK BW=20MHz Channel=390000 RB=1 @0

Conducted spurious emissions



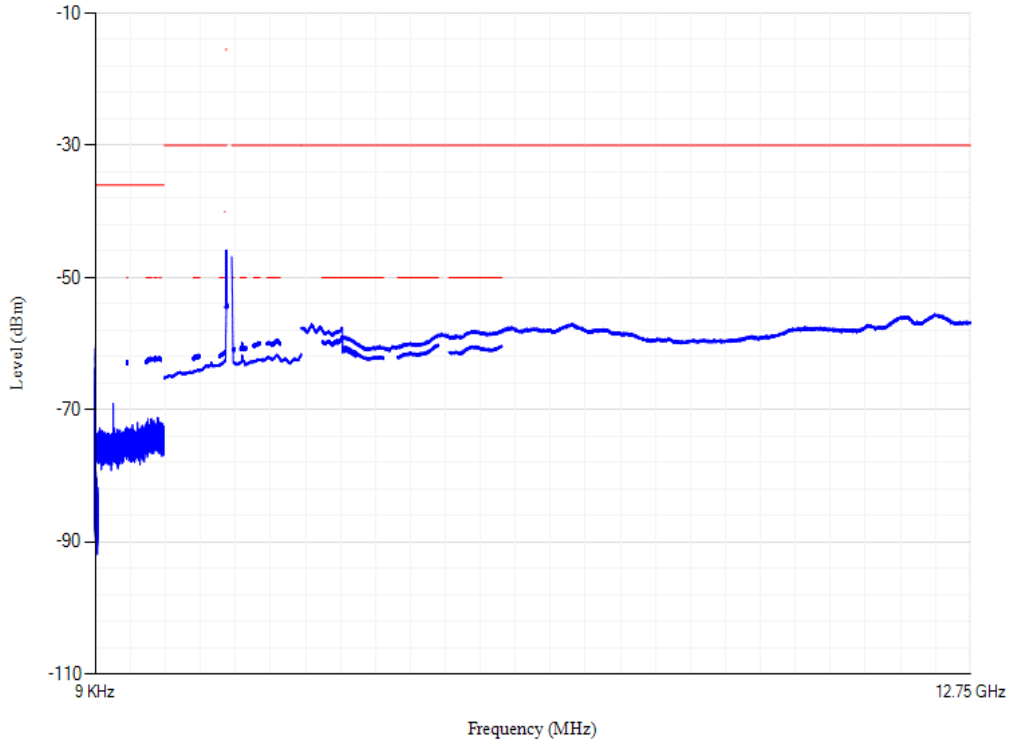
n1 SCS=30kHz CP_QPSK BW=20MHz Channel=390000 RB=1@50

Conducted spurious emissions



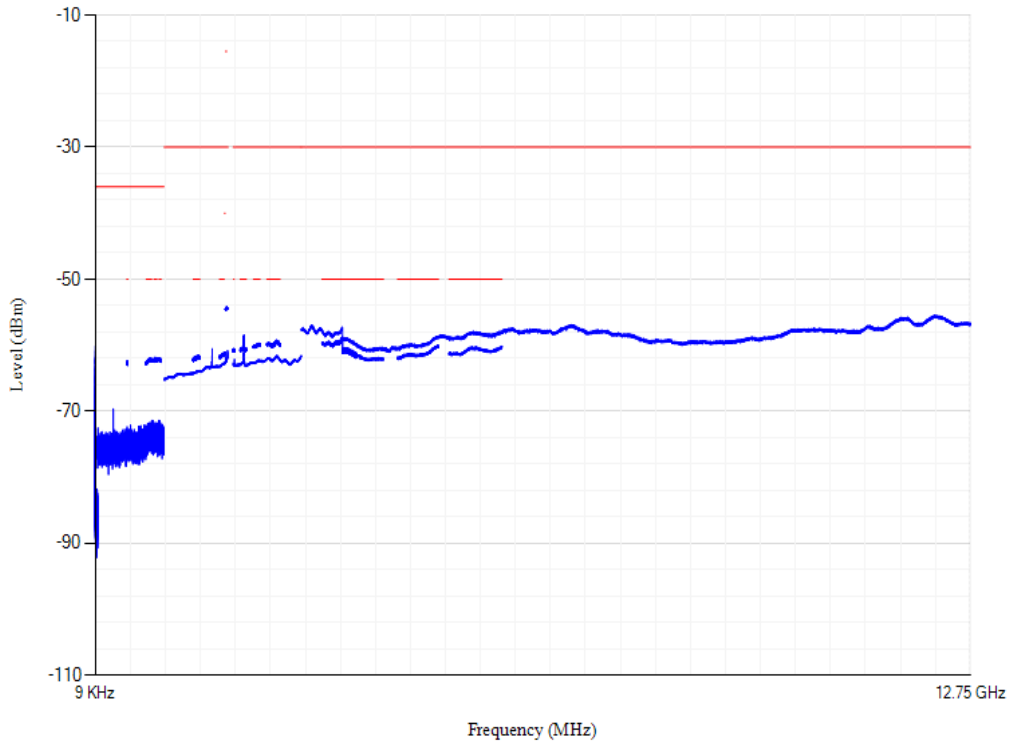
n1 SCS=30kHz CP_QPSK BW=20MHz Channel=390000 RB=51@0

Conducted spurious emissions



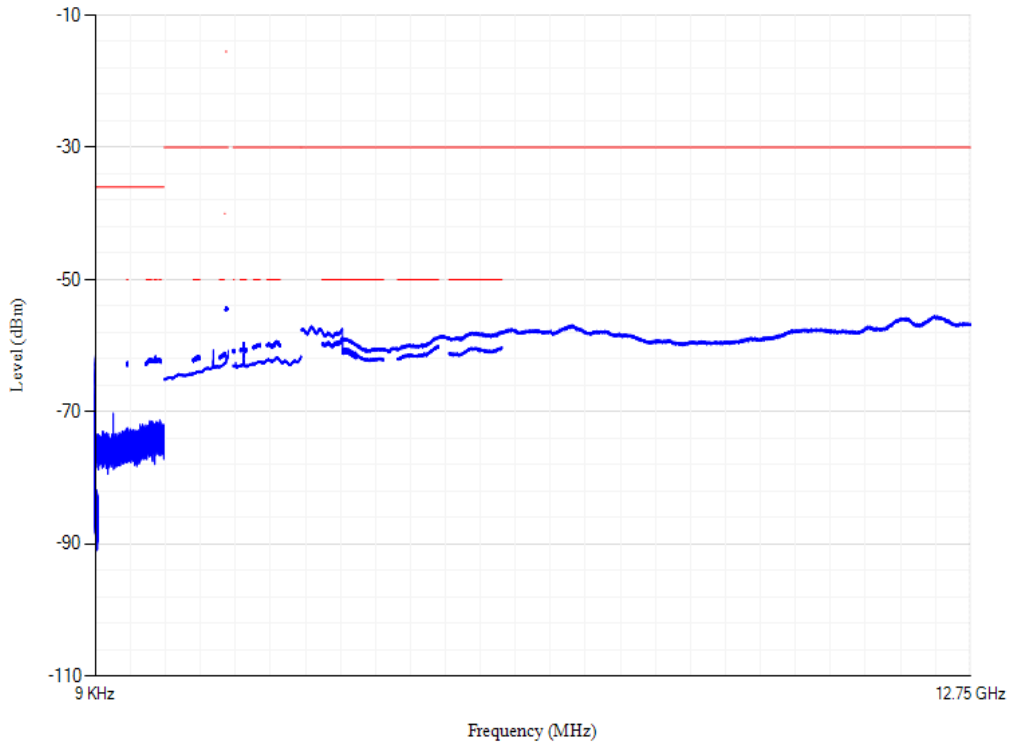
n1 SCS=30kHz CP_QPSK BW=20MHz Channel=394000 RB=1@0

Conducted spurious emissions



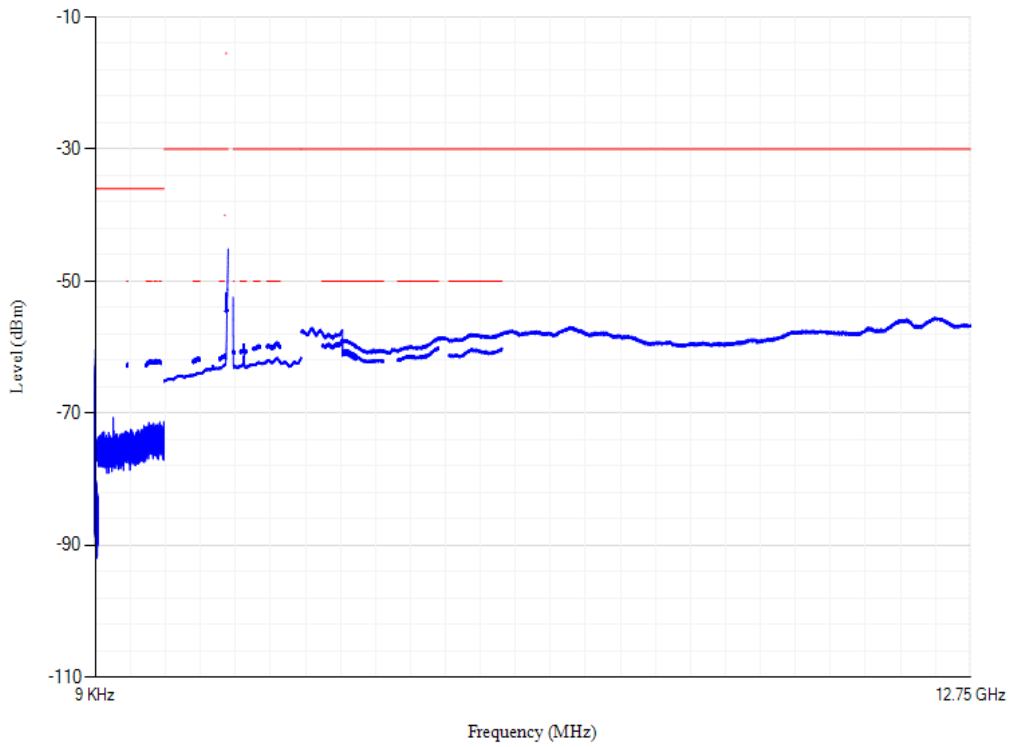
n1 SCS=30kHz CP_QPSK BW=20MHz Channel=394000 RB=1@50

Conducted spurious emissions



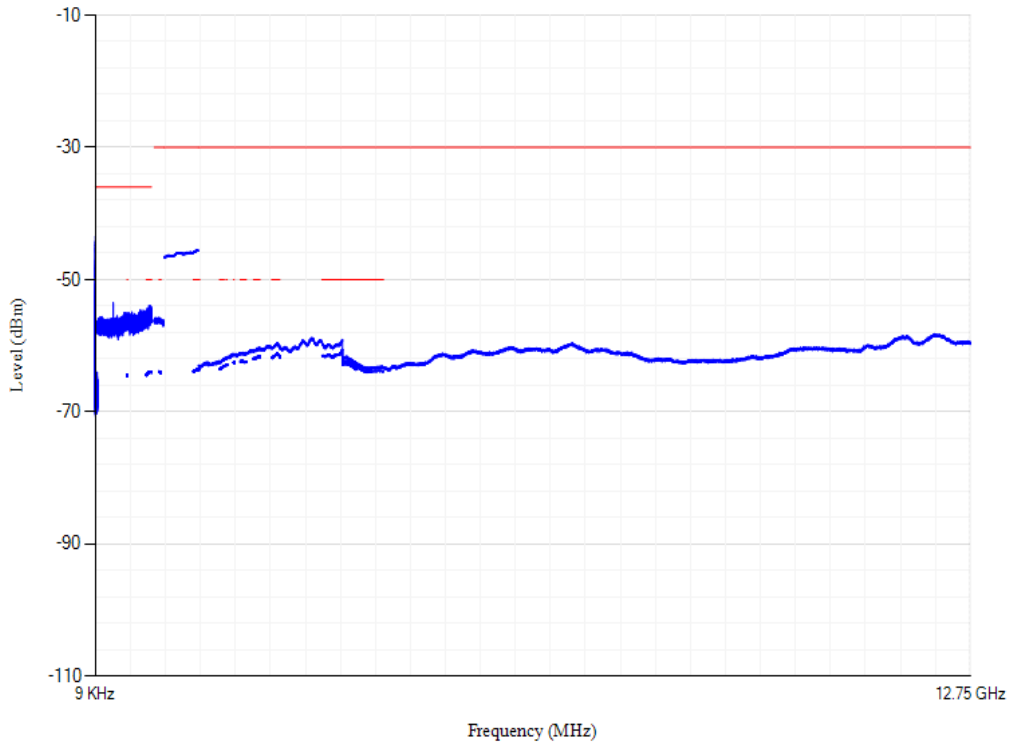
n1 SCS=30kHz CP_QPSK BW=20MHz Channel=394000 RB=51 @0

Conducted spurious emissions



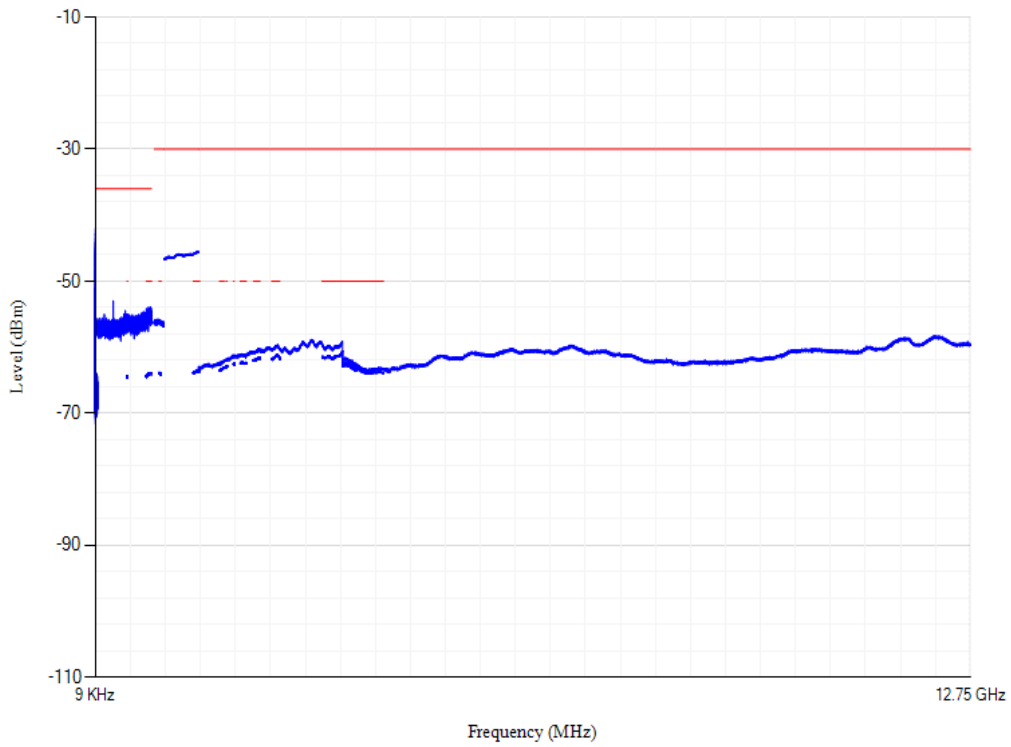
n20 SCS=30kHz CP_QPSK BW=10MHz Channel=167400 RB=24 @0

Conducted spurious emissions



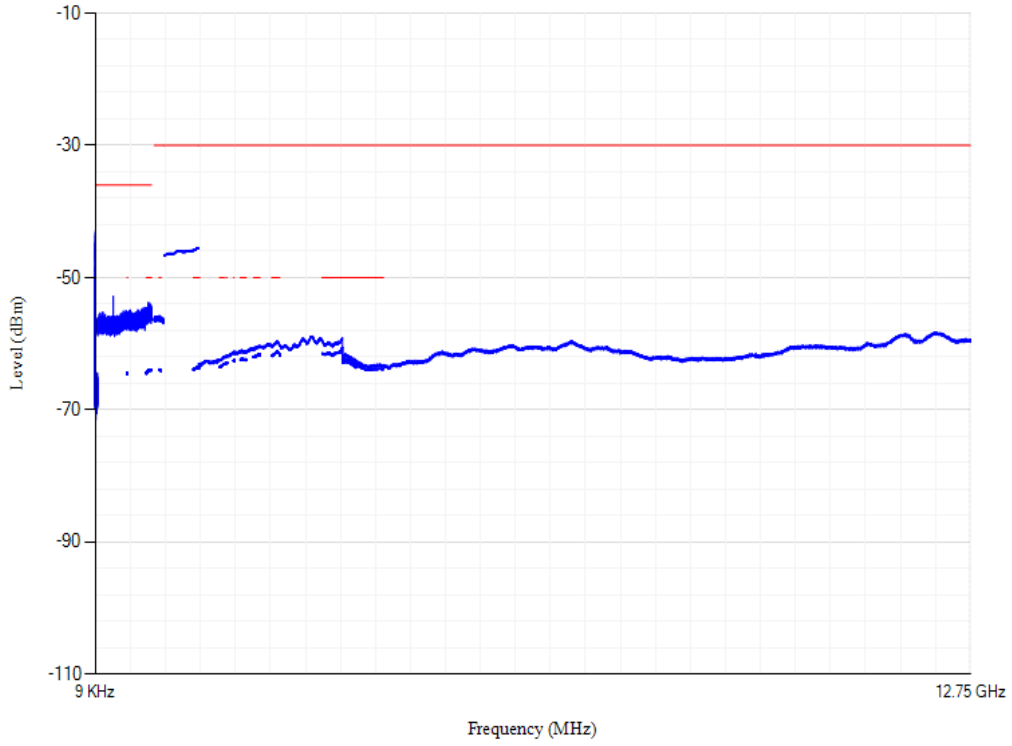
n20 SCS=30kHz CP_QPSK BW=10MHz Channel=167400 RB=1@0

Conducted spurious emissions



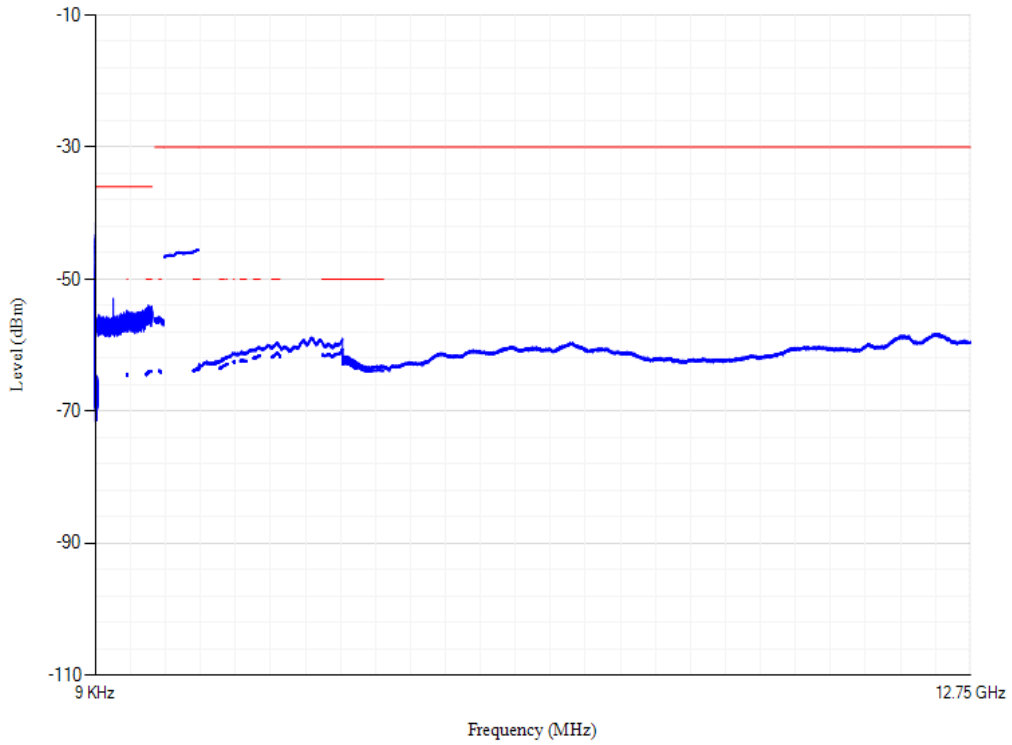
n20 SCS=30kHz CP_QPSK BW=10MHz Channel=167400 RB=1@23

Conducted spurious emissions



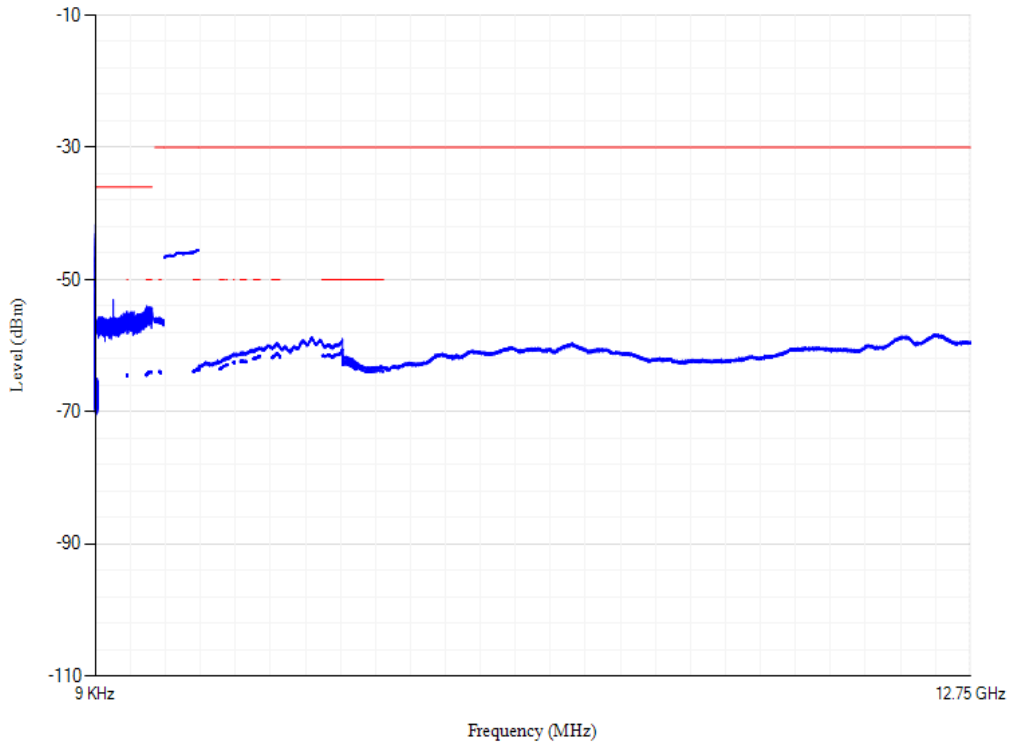
n20 SCS=30kHz CP_QPSK BW=10MHz Channel=169400 RB=24@0

Conducted spurious emissions



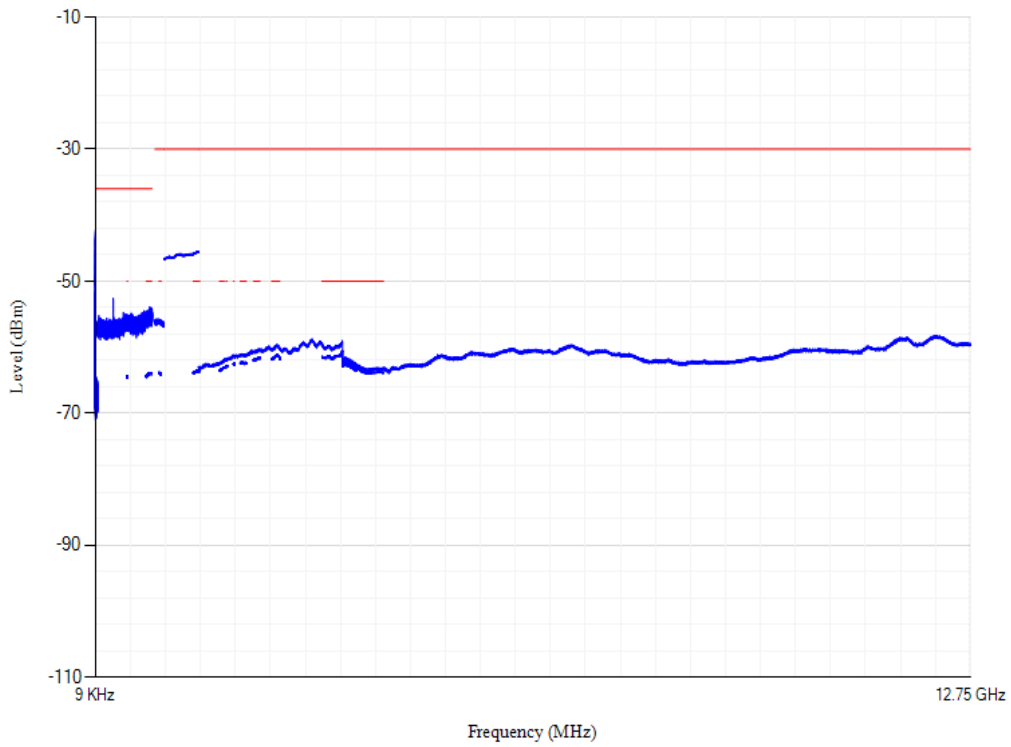
n20 SCS=30kHz CP_QPSK BW=10MHz Channel=169400 RB=1@0

Conducted spurious emissions



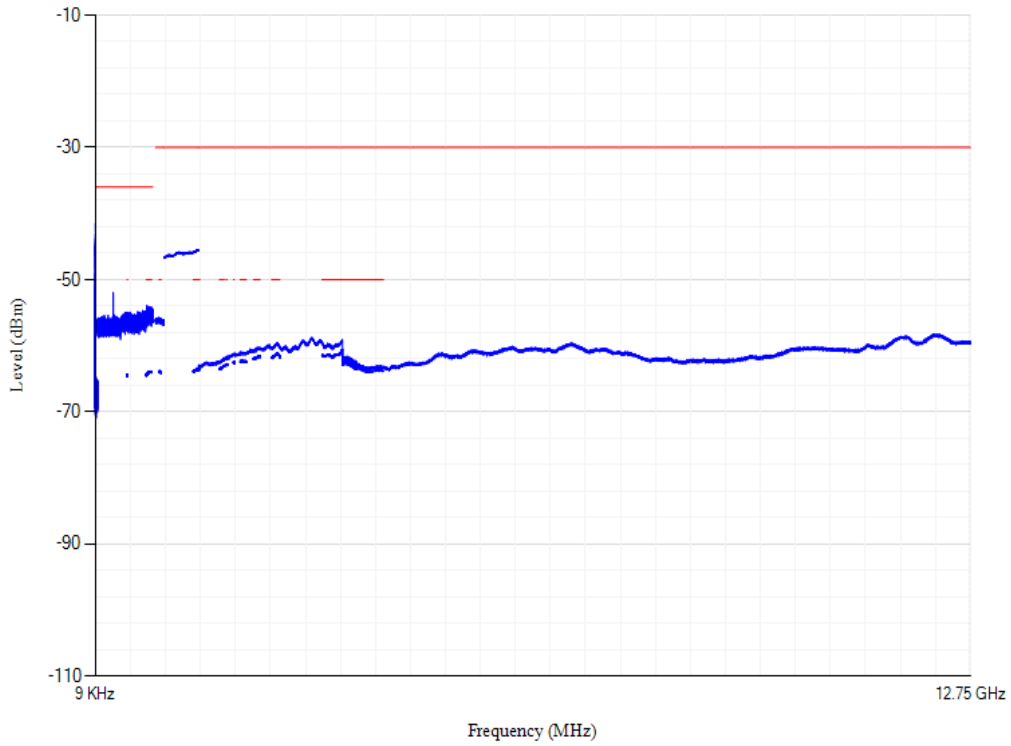
n20 SCS=30kHz CP_QPSK BW=10MHz Channel=169400 RB=1@23

Conducted spurious emissions



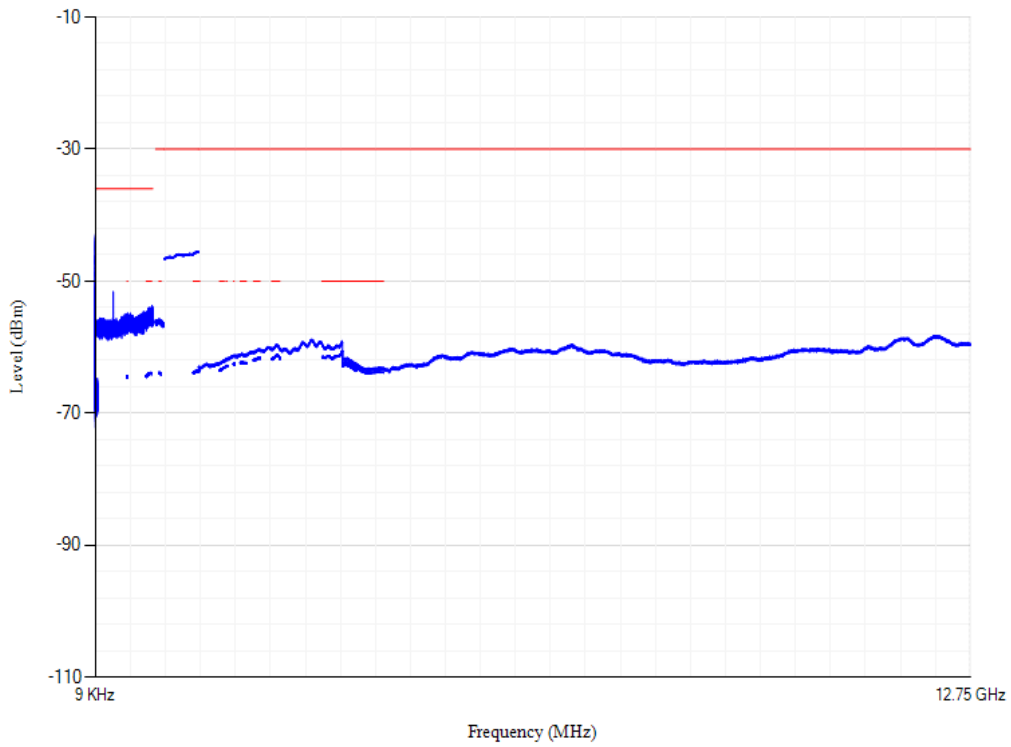
n20 SCS=30kHz CP_QPSK BW=10MHz Channel=171400 RB=24@0

Conducted spurious emissions



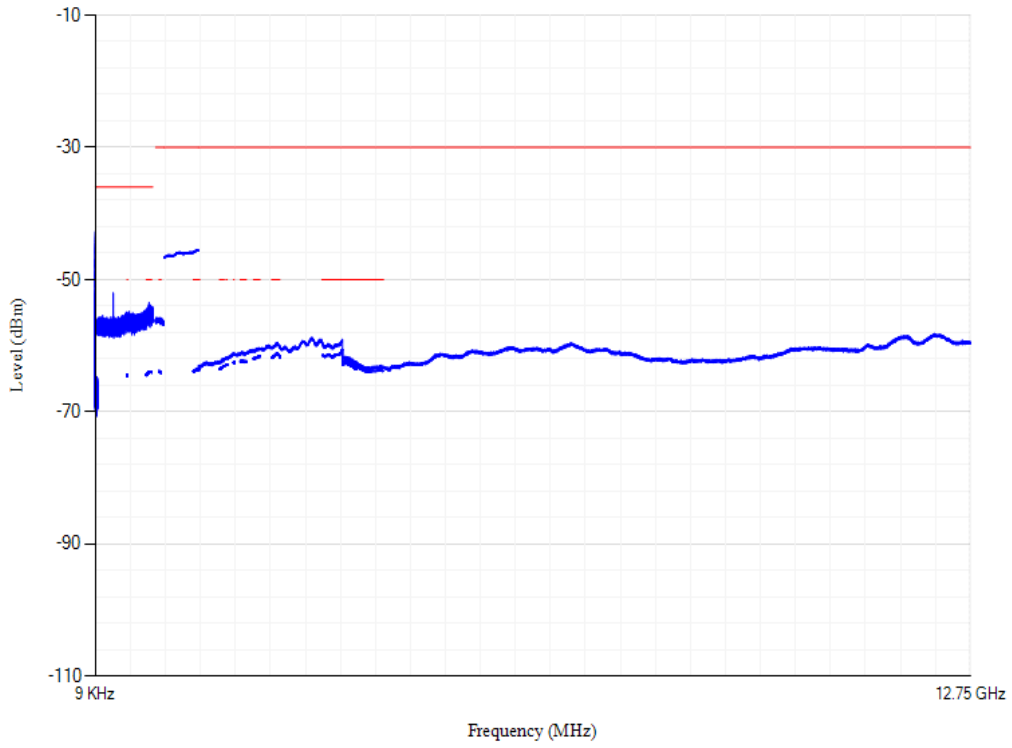
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Conducted spurious emissions



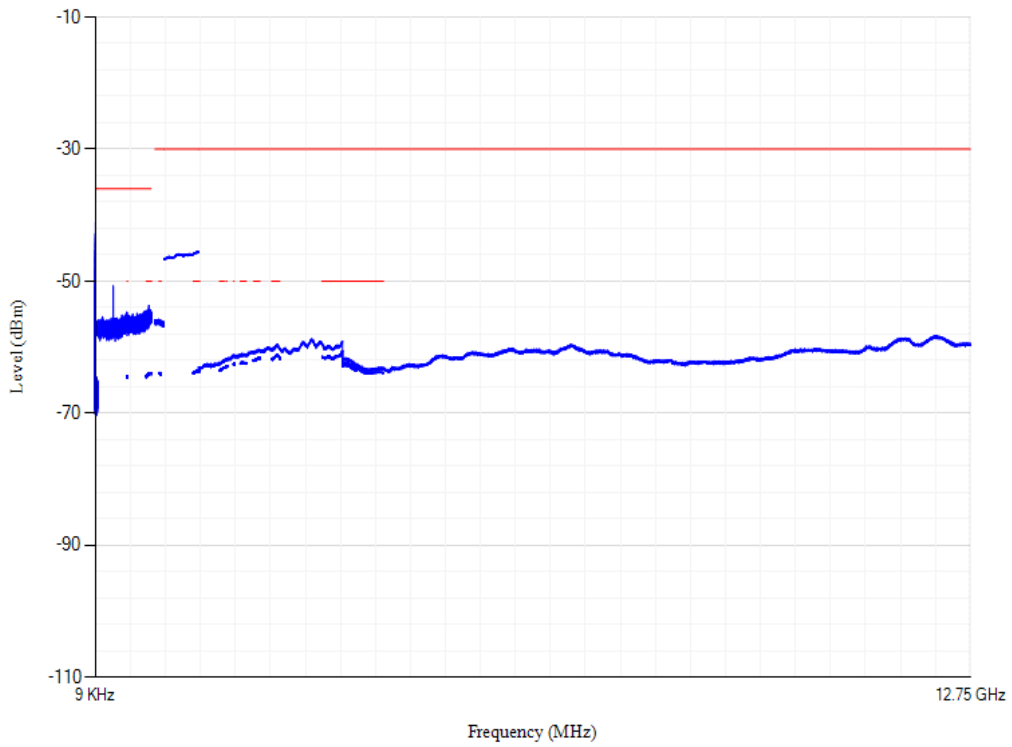
n20 SCS=30kHz CP_QPSK BW=10MHz Channel=171400 RB=1@23

Conducted spurious emissions



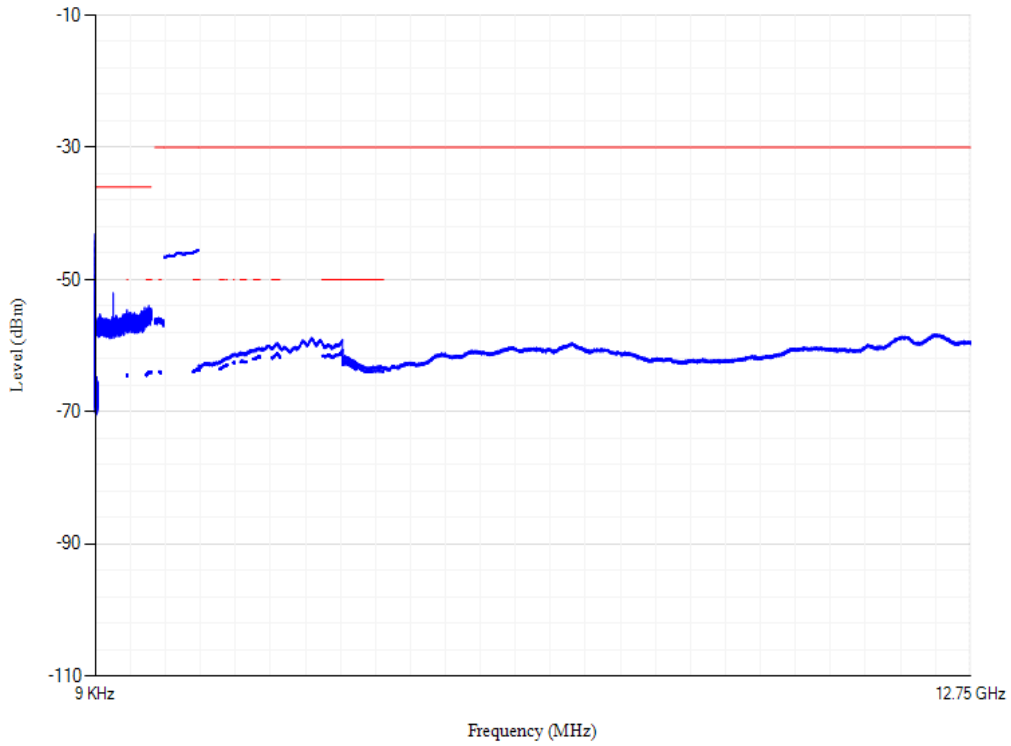
n20 SCS=30kHz CP_QPSK BW=15MHz Channel=167900 RB=38@0

Conducted spurious emissions



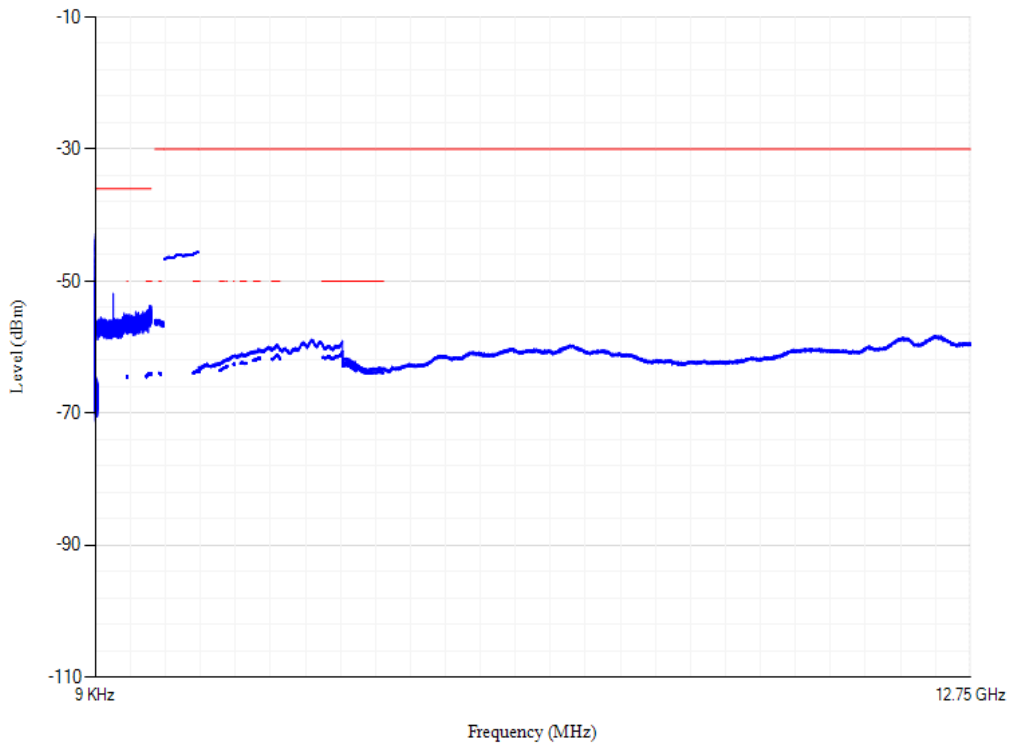
n20 SCS=30kHz CP_QPSK BW=15MHz Channel=167900 RB=1@0

Conducted spurious emissions



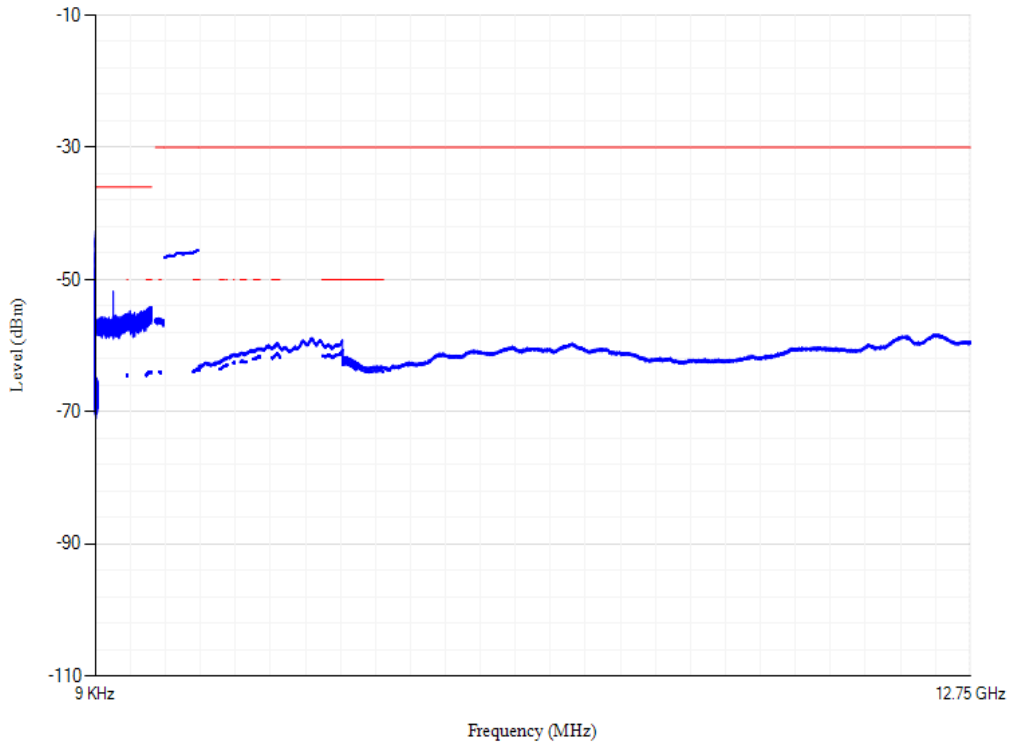
n20 SCS=30kHz CP_QPSK BW=15MHz Channel=167900 RB=1@37

Conducted spurious emissions



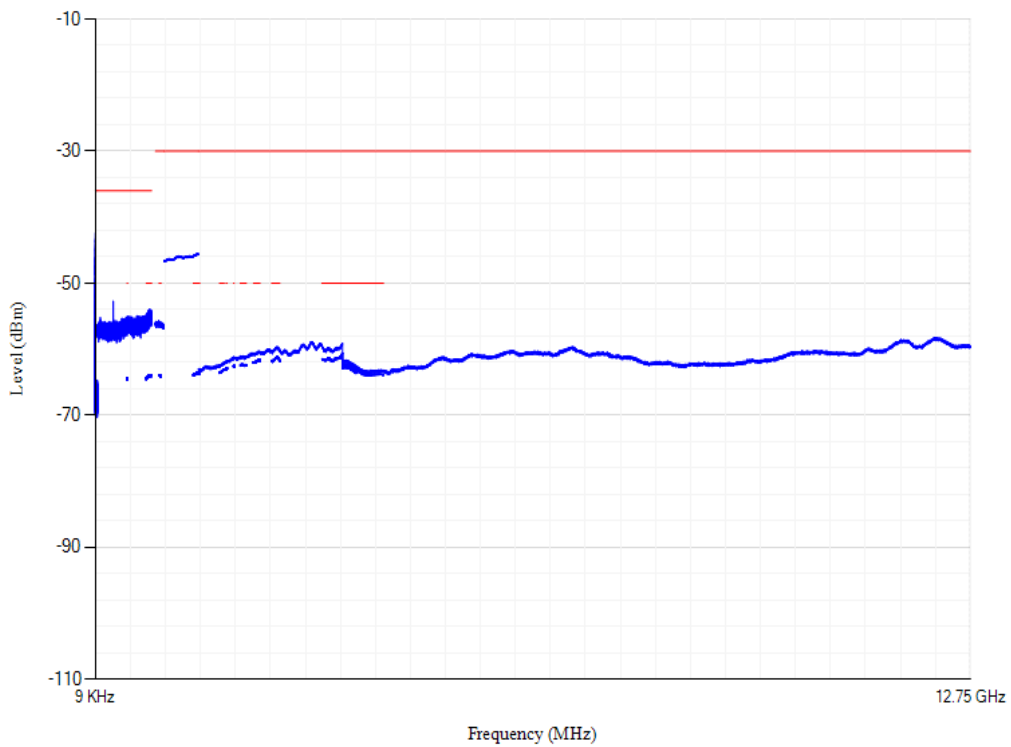
n20 SCS=30kHz CP_QPSK BW=15MHz Channel=169400 RB=38@0

Conducted spurious emissions



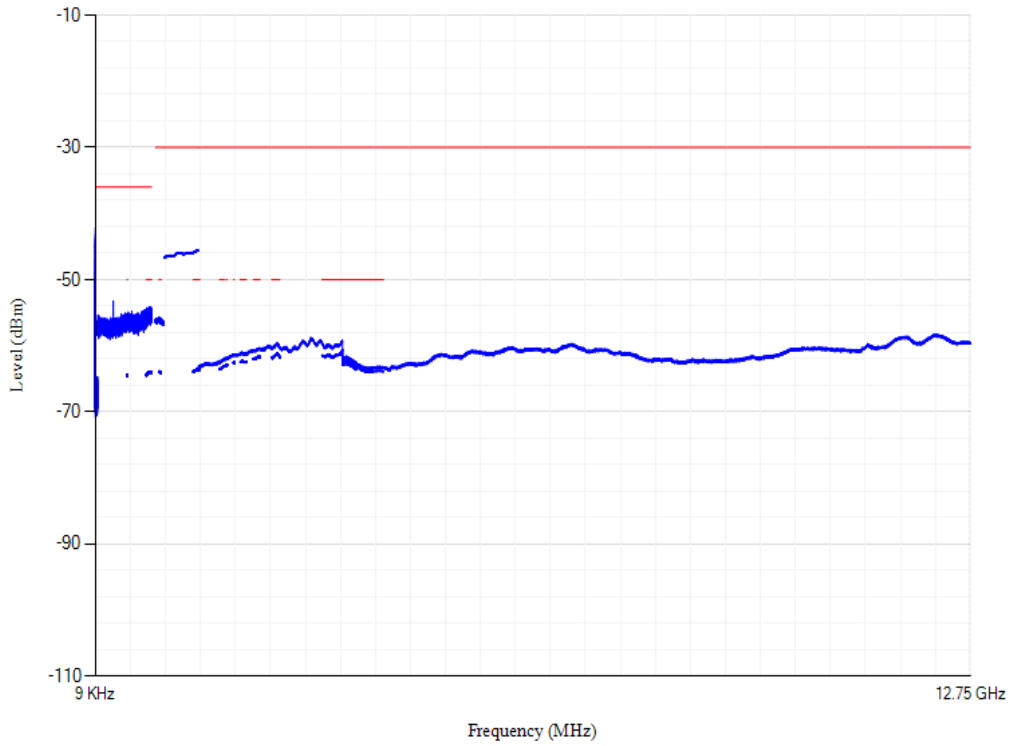
n20 SCS=30kHz CP_QPSK BW=15MHz Channel=169400 RB=1@0

Conducted spurious emissions



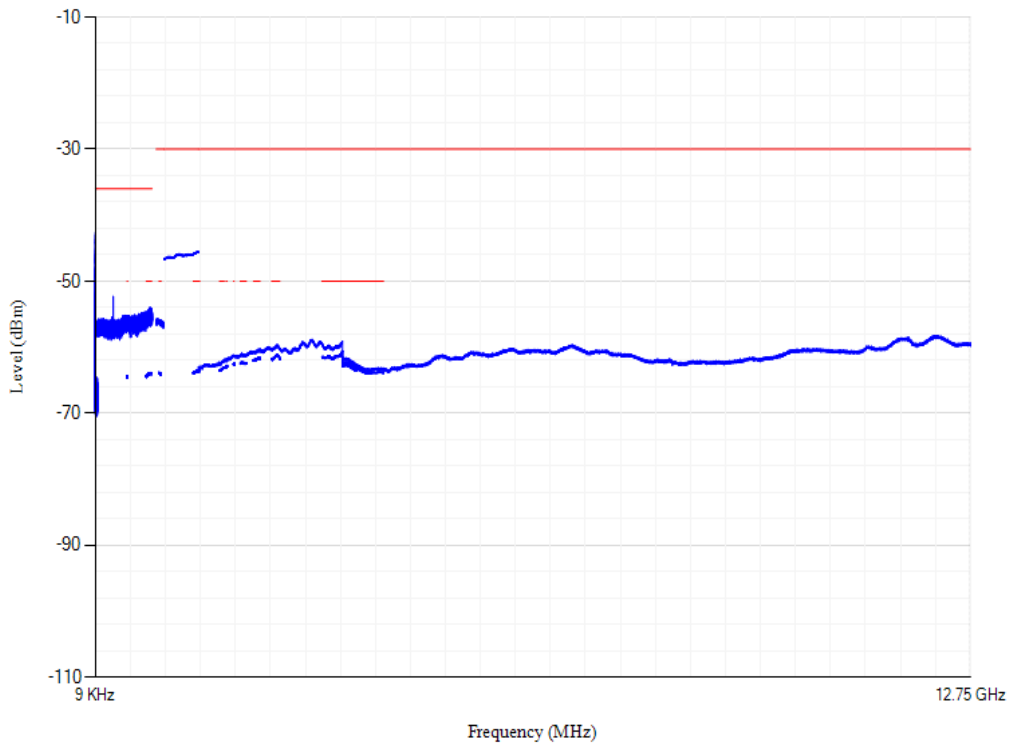
n20 SCS=30kHz CP_QPSK BW=15MHz Channel=169400 RB=1@37

Conducted spurious emissions



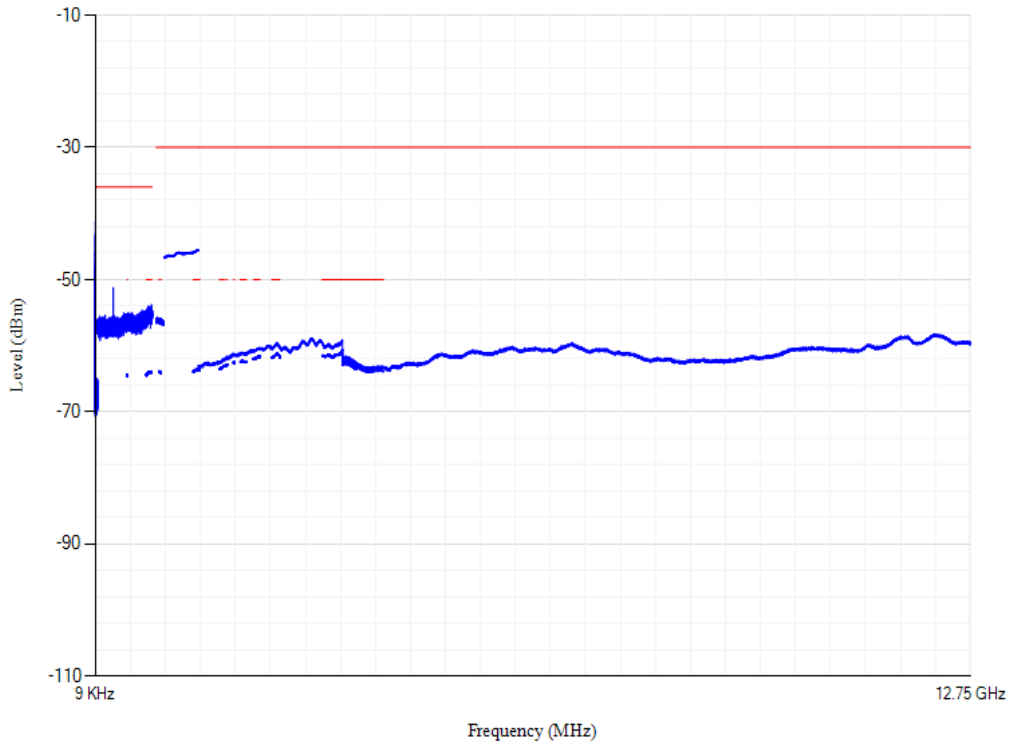
n20 SCS=30kHz CP_QPSK BW=15MHz Channel=170900 RB=38@0

Conducted spurious emissions



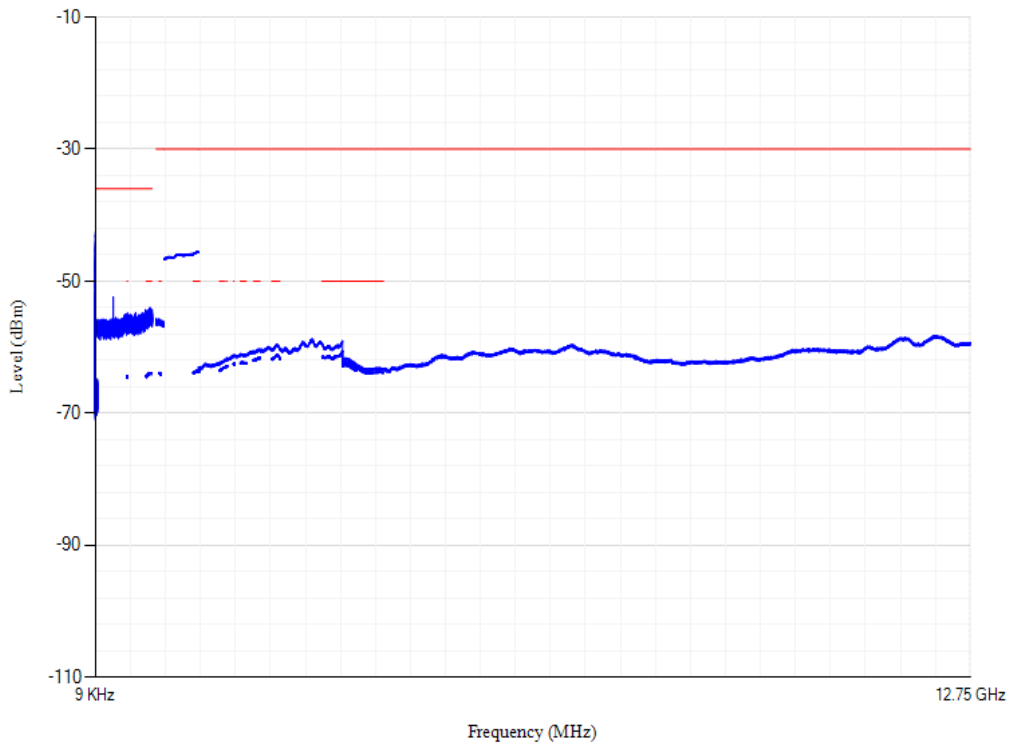
n20 SCS=30kHz CP_QPSK BW=15MHz Channel=170900 RB=1@0

Conducted spurious emissions



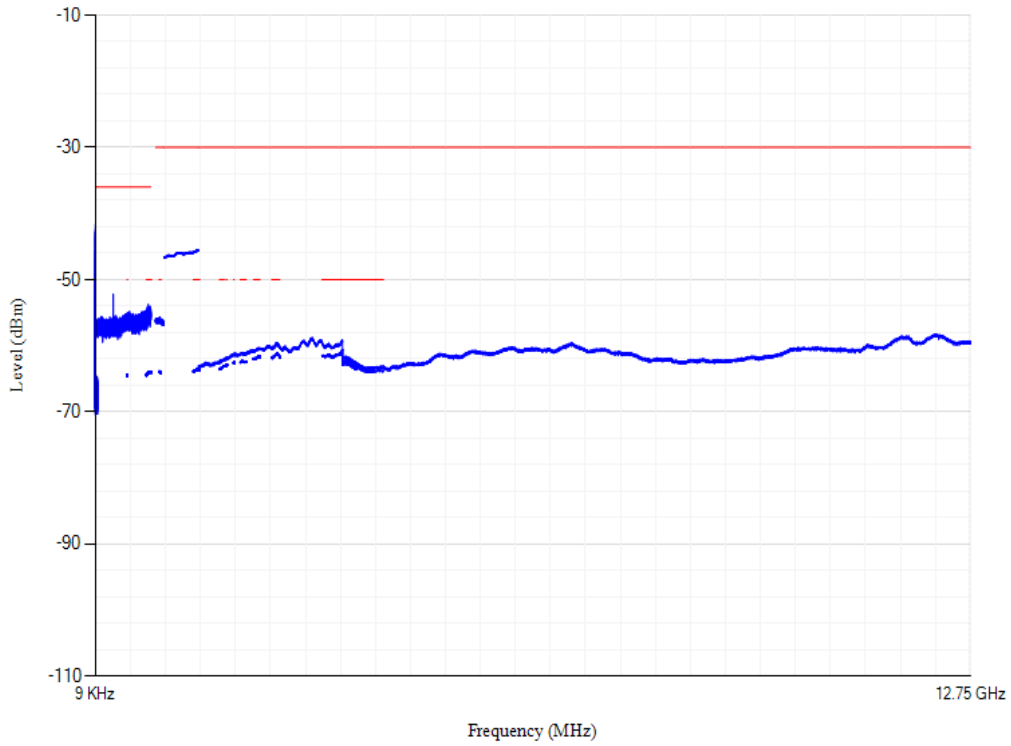
n20 SCS=30kHz CP_QPSK BW=15MHz Channel=170900 RB=1@37

Conducted spurious emissions



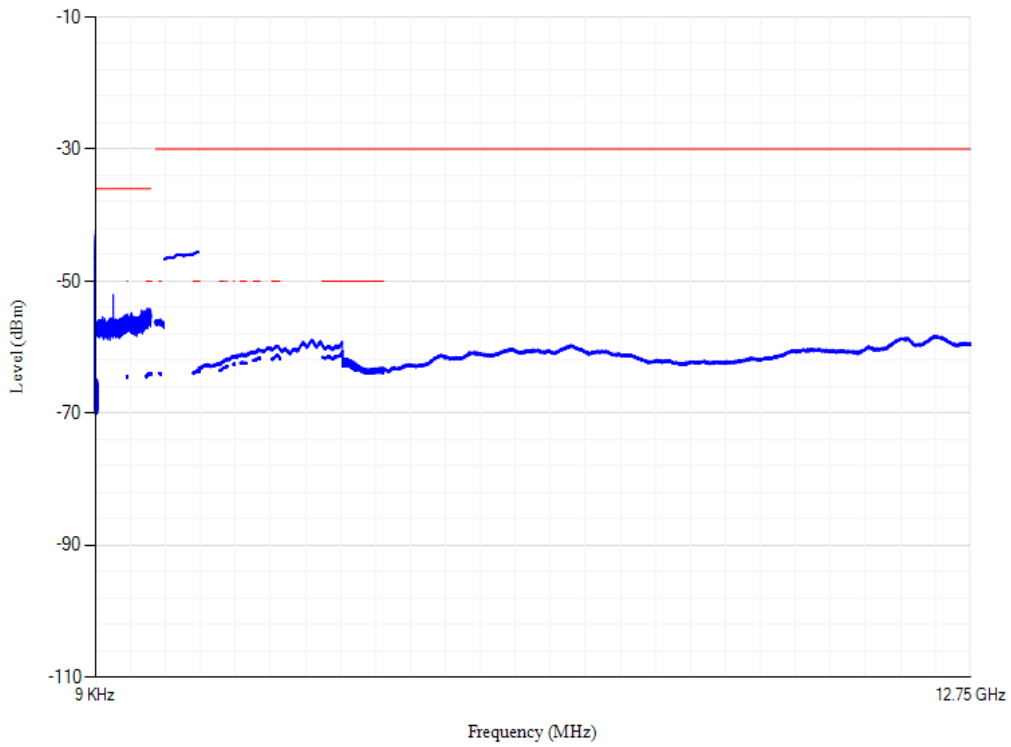
n20 SCS=30kHz CP_QPSK BW=20MHz Channel=168400 RB=51@0

Conducted spurious emissions



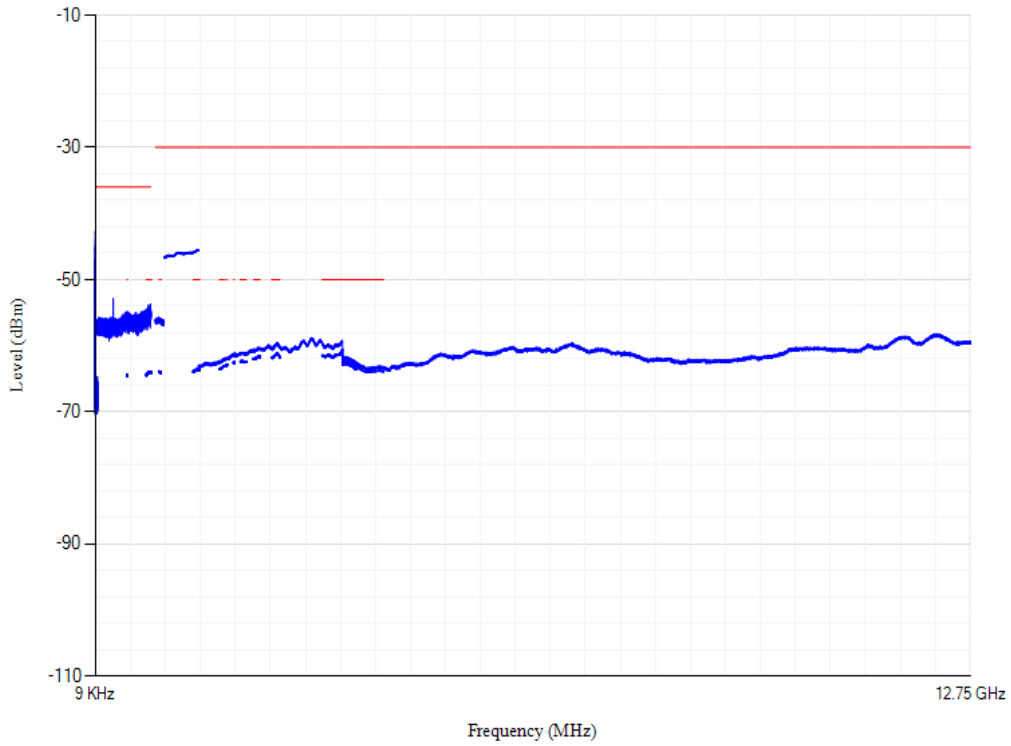
n20 SCS=30kHz CP_QPSK BW=20MHz Channel=168400 RB=1@0

Conducted spurious emissions



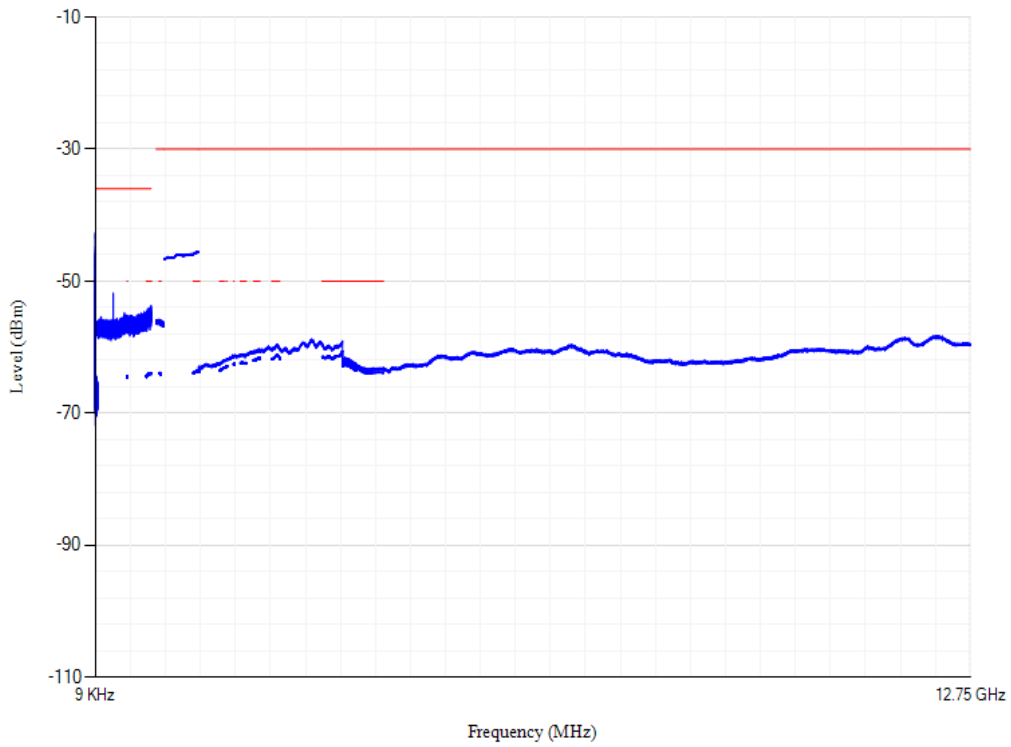
n20 SCS=30kHz CP_QPSK BW=20MHz Channel=168400 RB=1@50

Conducted spurious emissions



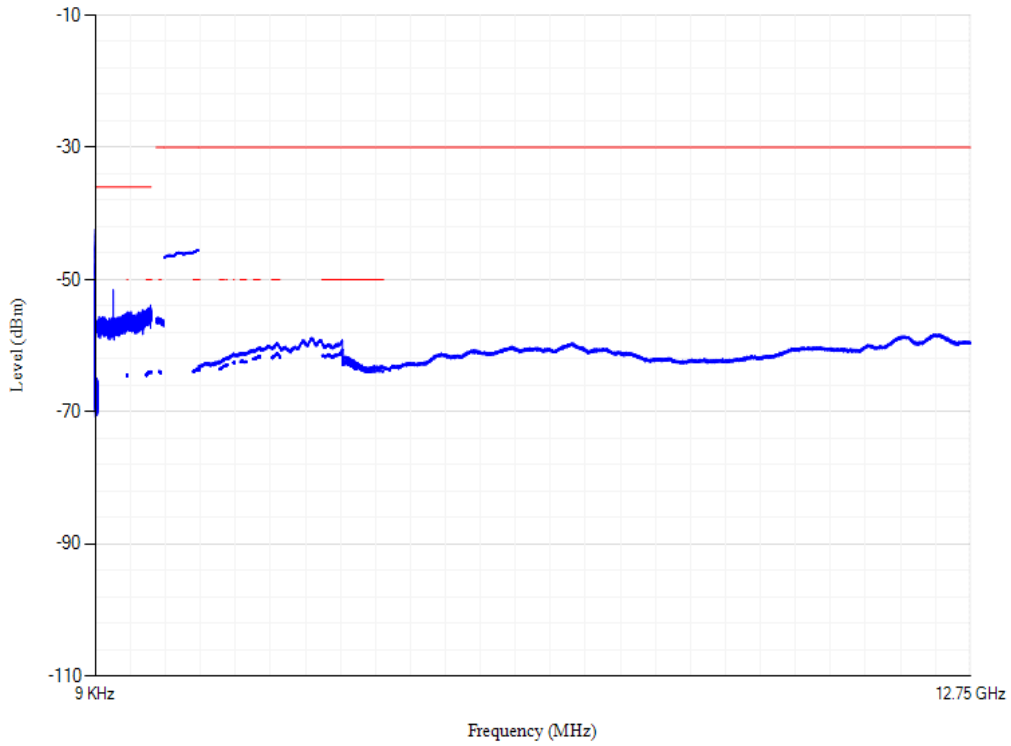
n20 SCS=30kHz CP_QPSK BW=20MHz Channel=169400 RB=51 @ 0

Conducted spurious emissions



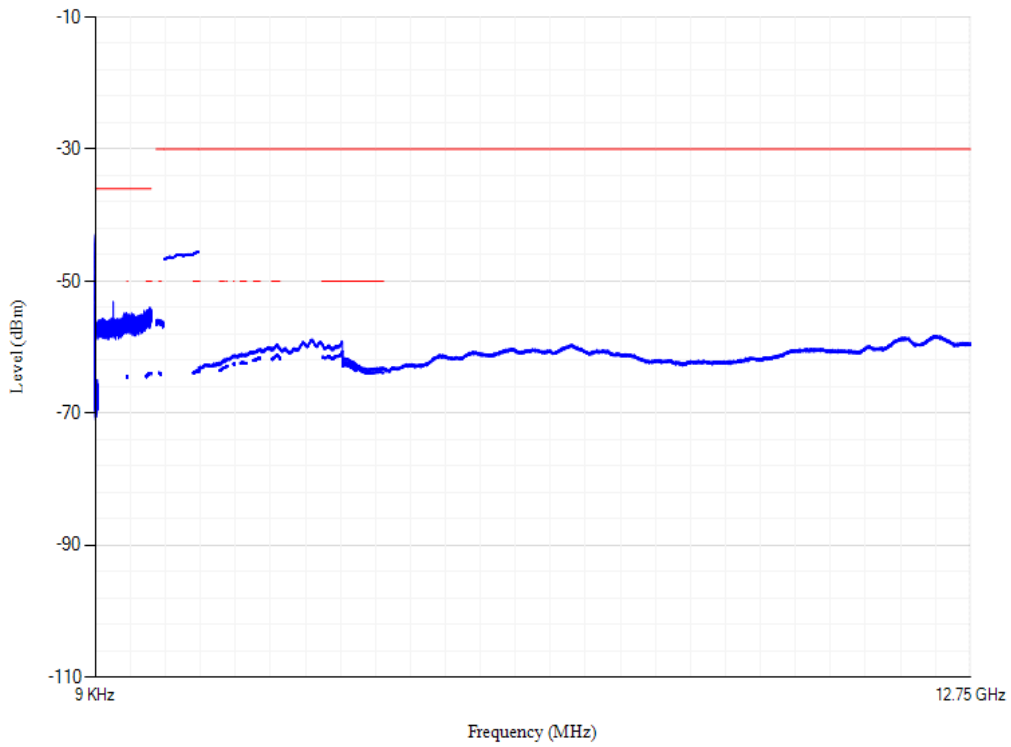
n20 SCS=30kHz CP_QPSK BW=20MHz Channel=169400 RB=1 @ 0

Conducted spurious emissions



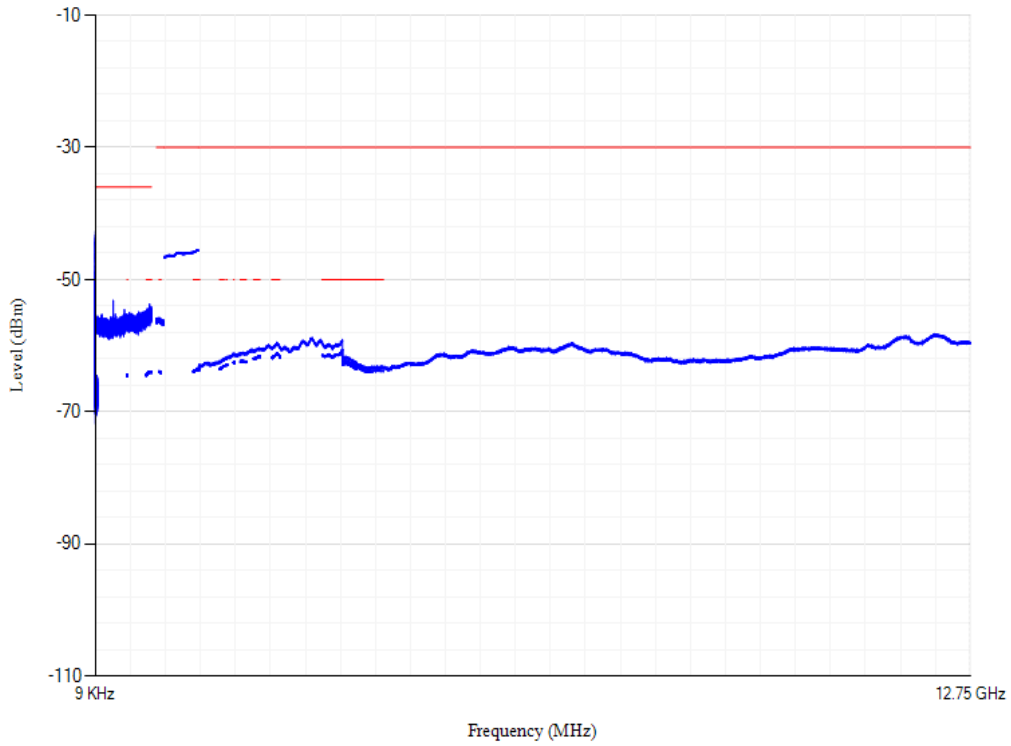
n20 SCS=30kHz CP_QPSK BW=20MHz Channel=169400 RB=1@50

Conducted spurious emissions



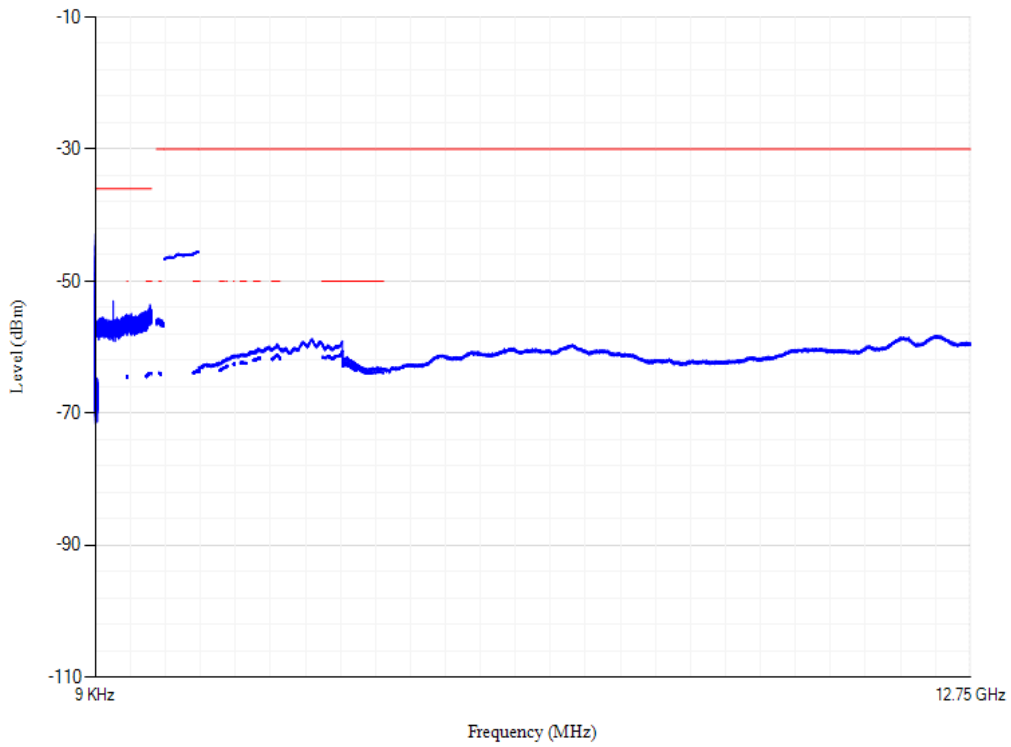
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Conducted spurious emissions



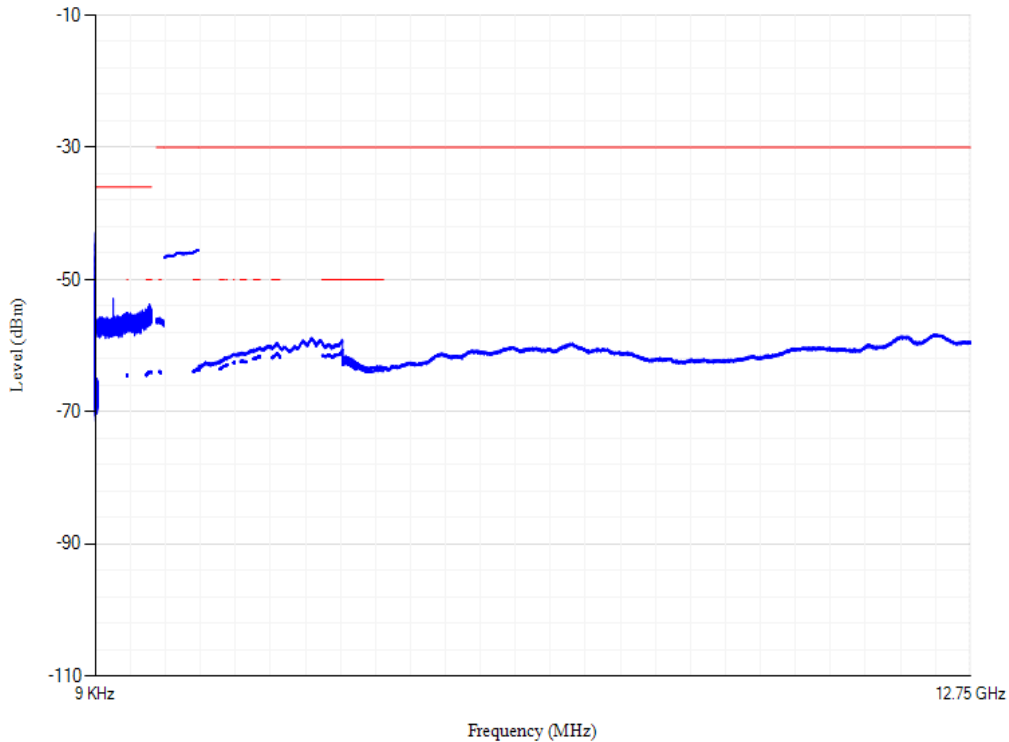
n20 SCS=30kHz CP_QPSK BW=20MHz Channel=170400 RB=1@0

Conducted spurious emissions



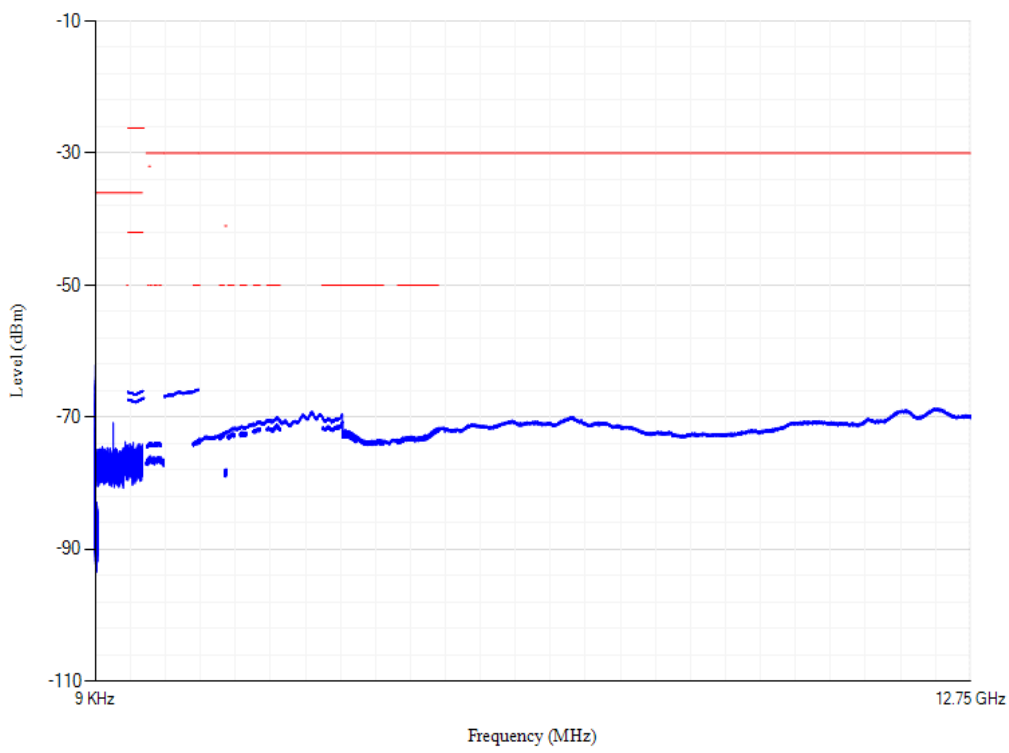
n20 SCS=30kHz CP_QPSK BW=20MHz Channel=170400 RB=1@50

Conducted spurious emissions



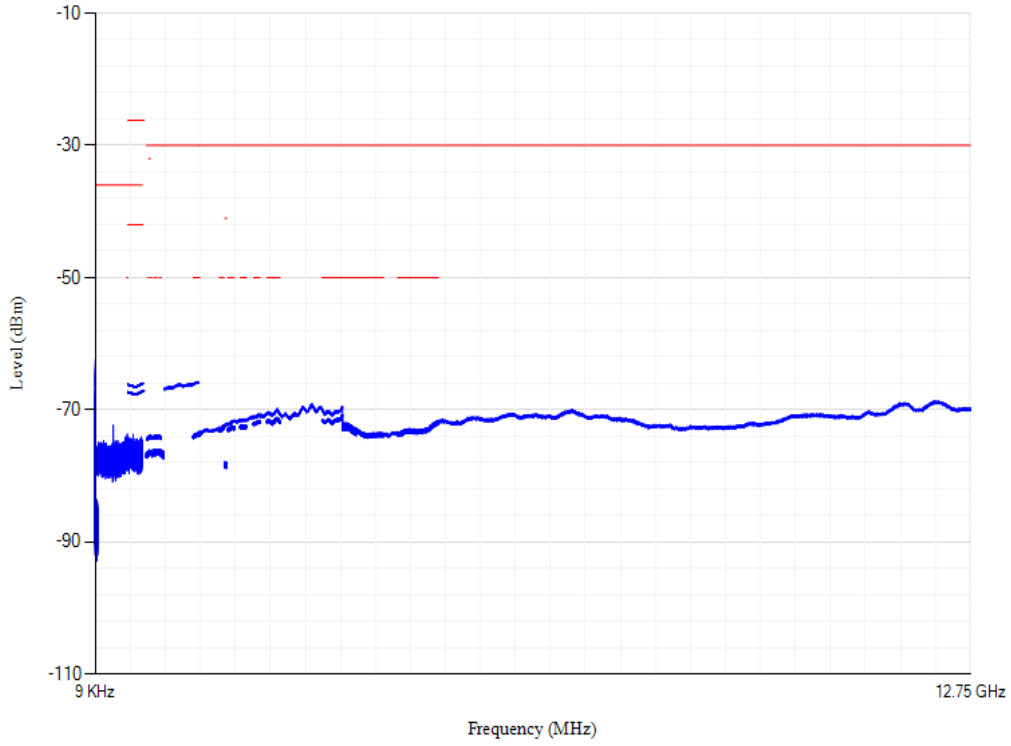
n28 SCS=30kHz CP_QPSK BW=15MHz Channel=142100 RB=38@0

Conducted spurious emissions



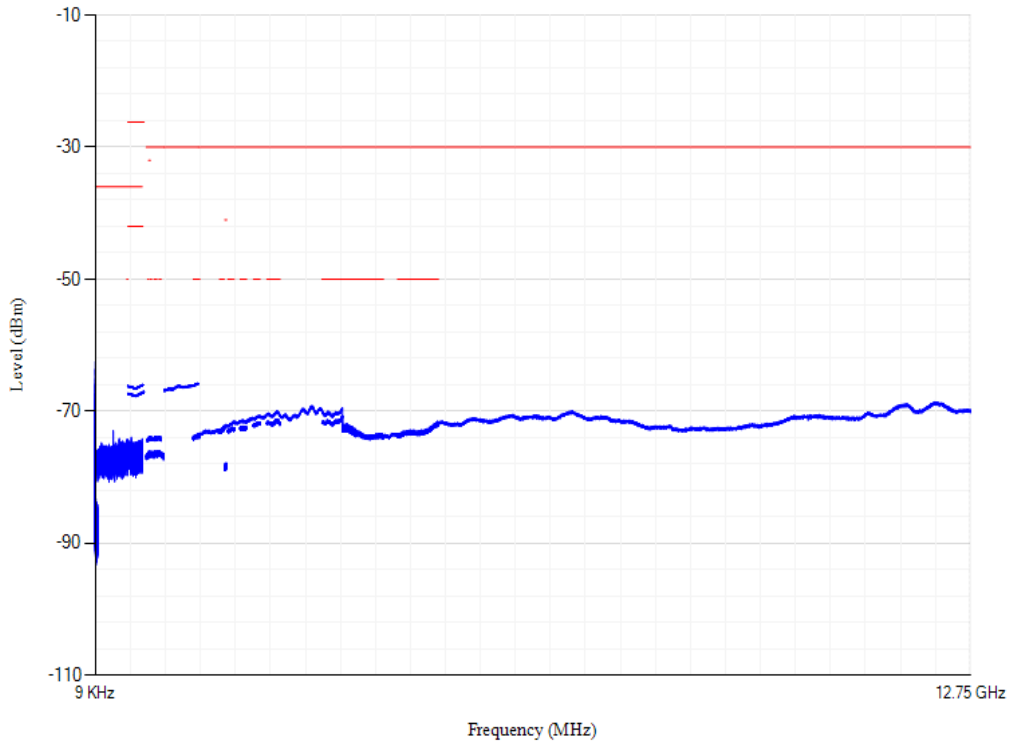
n28 SCS=30kHz CP_QPSK BW=15MHz Channel=142100 RB=1@0

Conducted spurious emissions



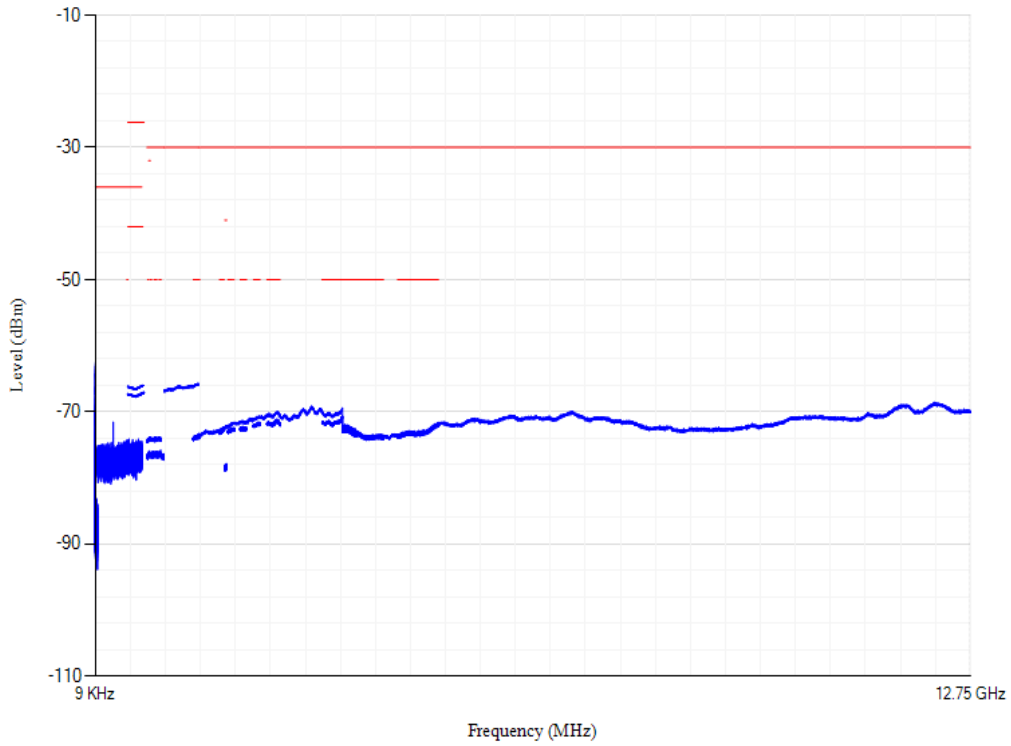
n28 SCS=30kHz CP_QPSK BW=15MHz Channel=142100 RB=1@37

Conducted spurious emissions



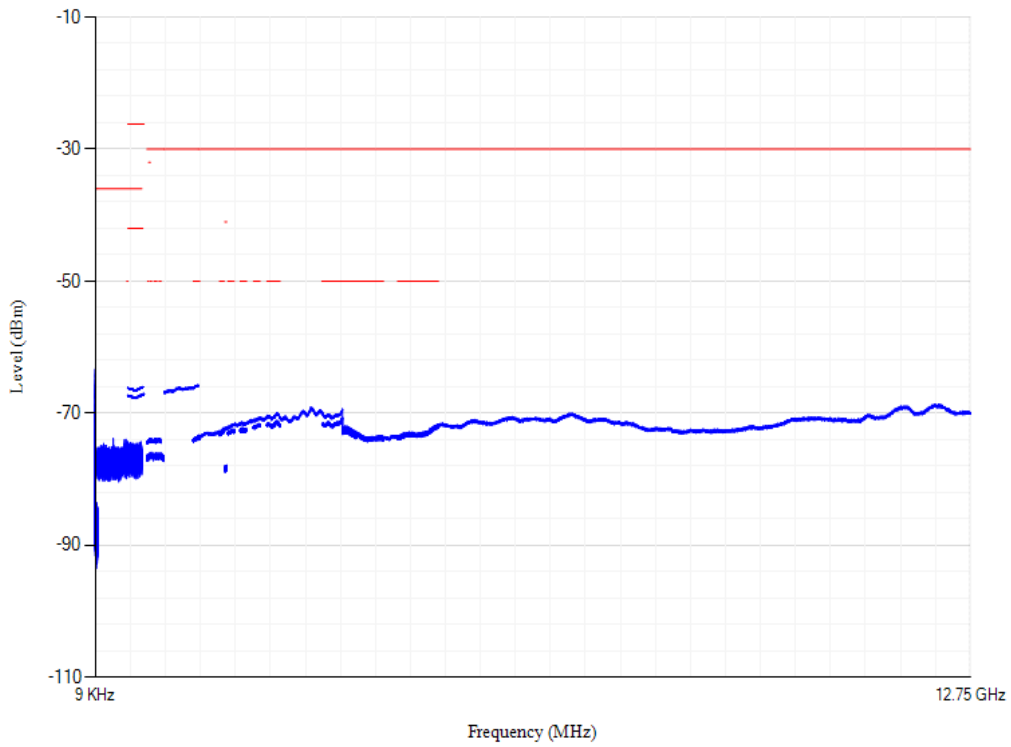
n28 SCS=30kHz CP_QPSK BW=20MHz Channel=142600 RB=51@0

Conducted spurious emissions



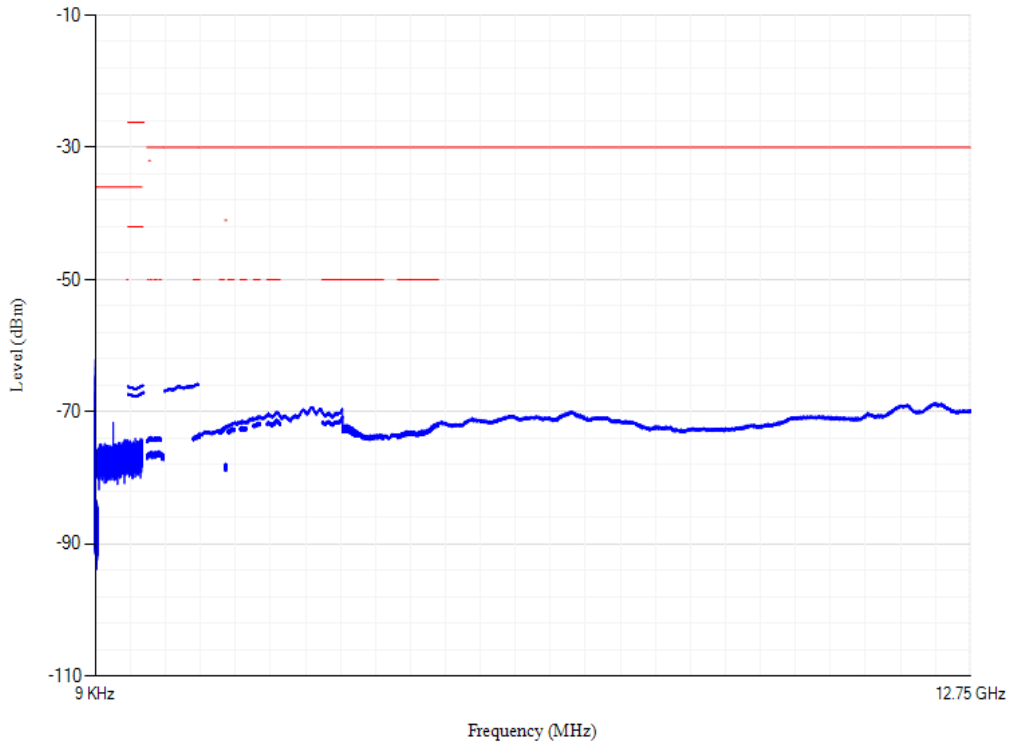
n28 SCS=30kHz CP_QPSK BW=20MHz Channel=142600 RB=1 @0

Conducted spurious emissions



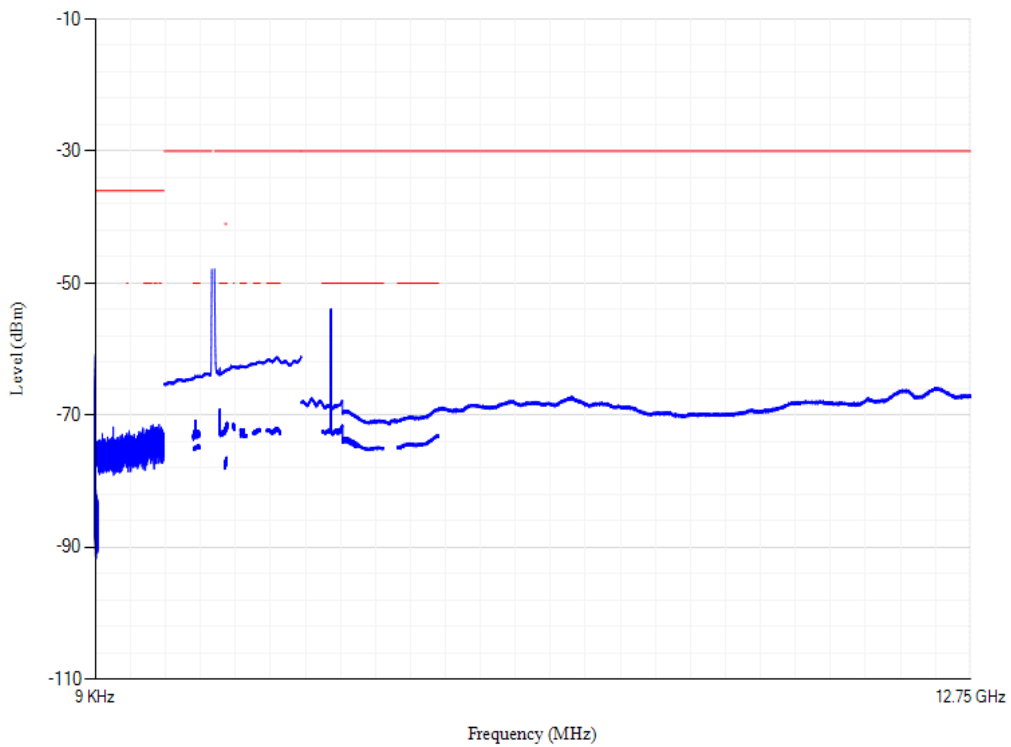
n28 SCS=30kHz CP_QPSK BW=20MHz Channel=142600 RB=1 @50

Conducted spurious emissions



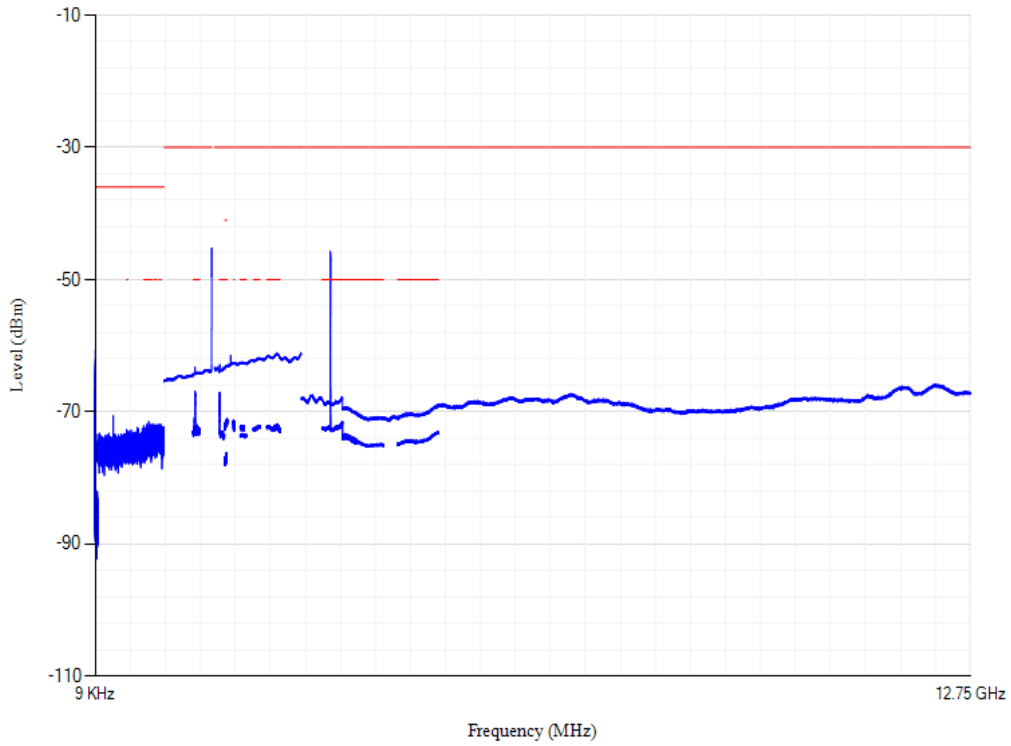
n3 SCS=30kHz CP_QPSK BW=10MHz Channel=343000 RB=24@0

Conducted spurious emissions



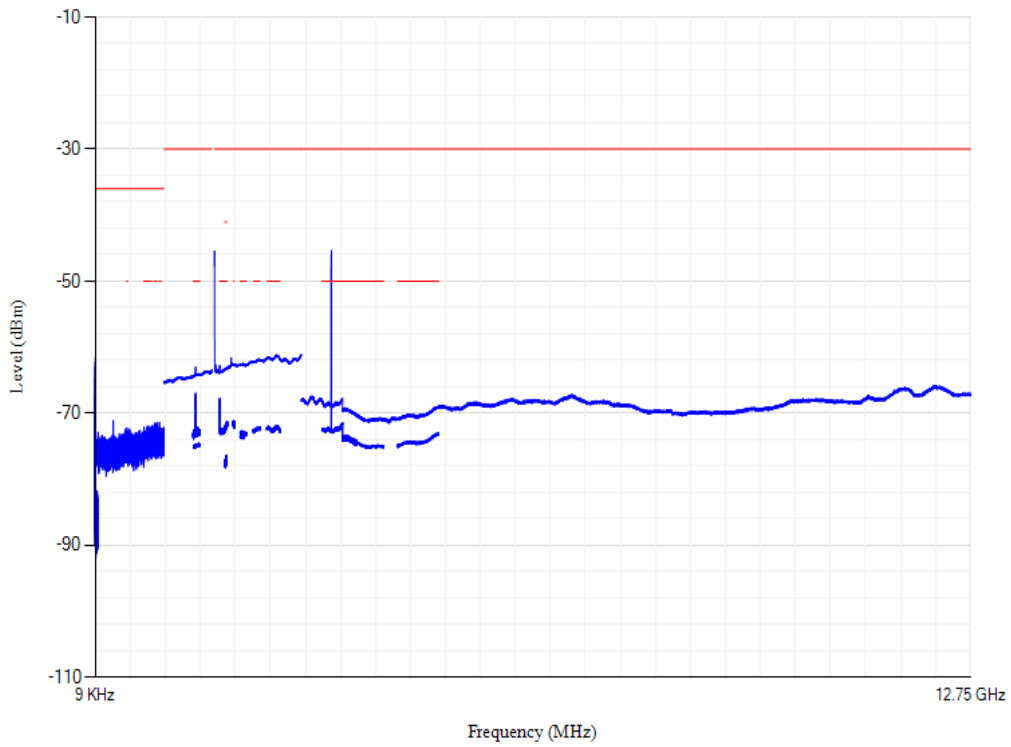
n3 SCS=30kHz CP_QPSK BW=10MHz Channel=343000 RB=1@0

Conducted spurious emissions



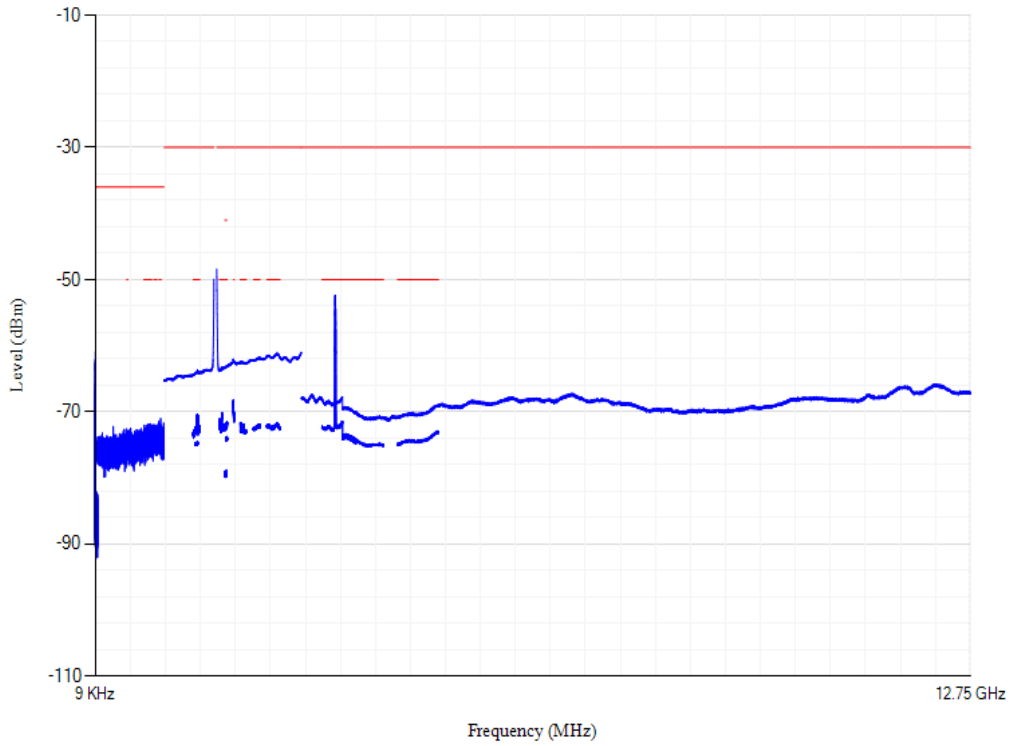
n3 SCS=30kHz CP_QPSK BW=10MHz Channel=343000 RB=1@23

Conducted spurious emissions



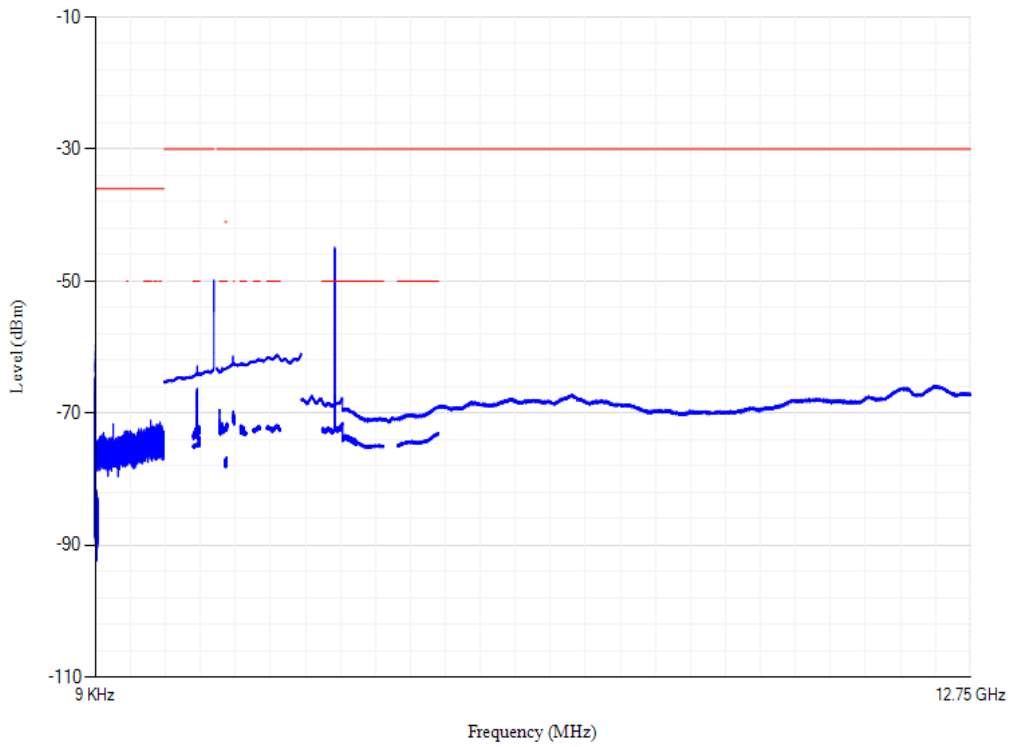
n3 SCS=30kHz CP_QPSK BW=10MHz Channel=349500 RB=24@0

Conducted spurious emissions



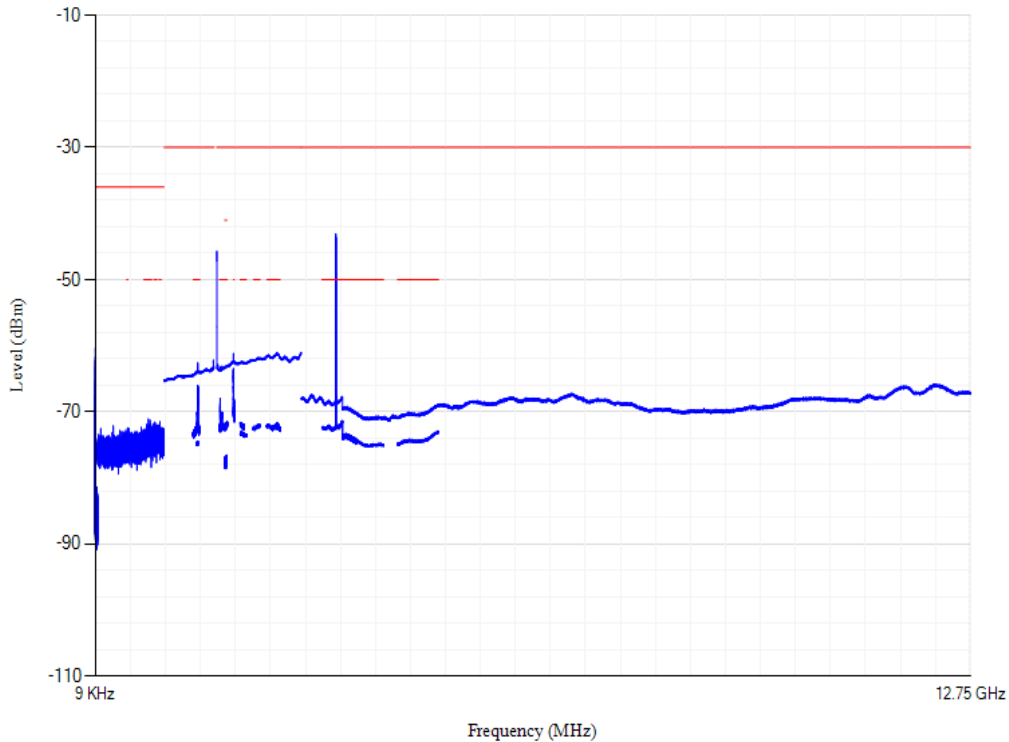
n3 SCS=30kHz CP_QPSK BW=10MHz Channel=349500 RB=1@0

Conducted spurious emissions



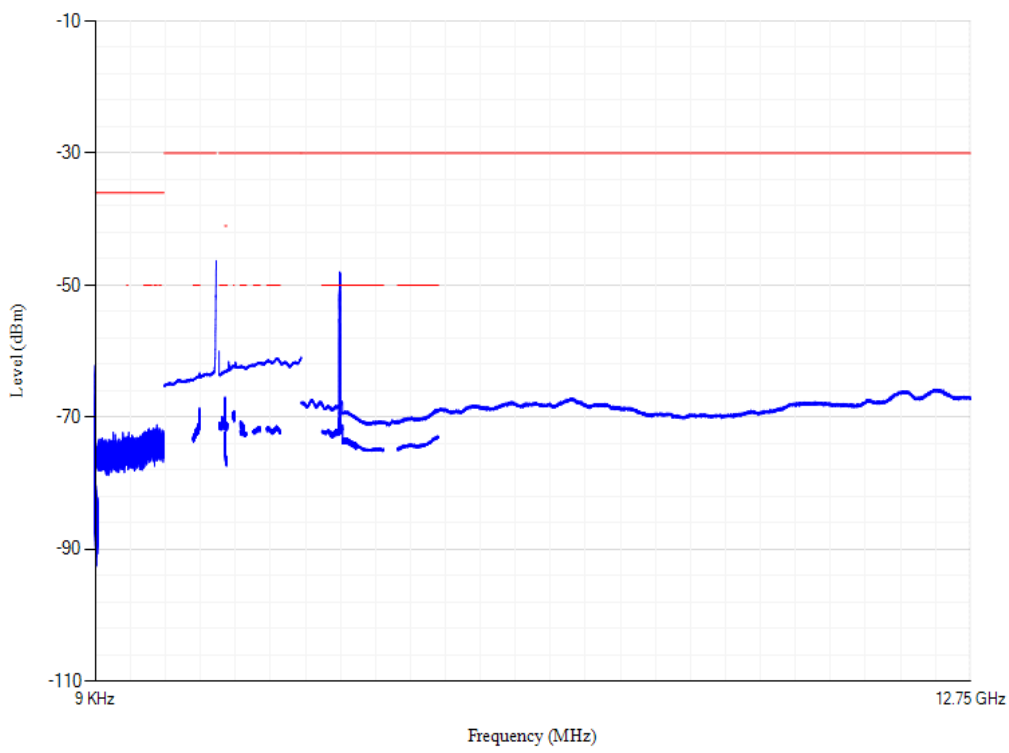
n3 SCS=30kHz CP_QPSK BW=10MHz Channel=349500 RB=1@23

Conducted spurious emissions



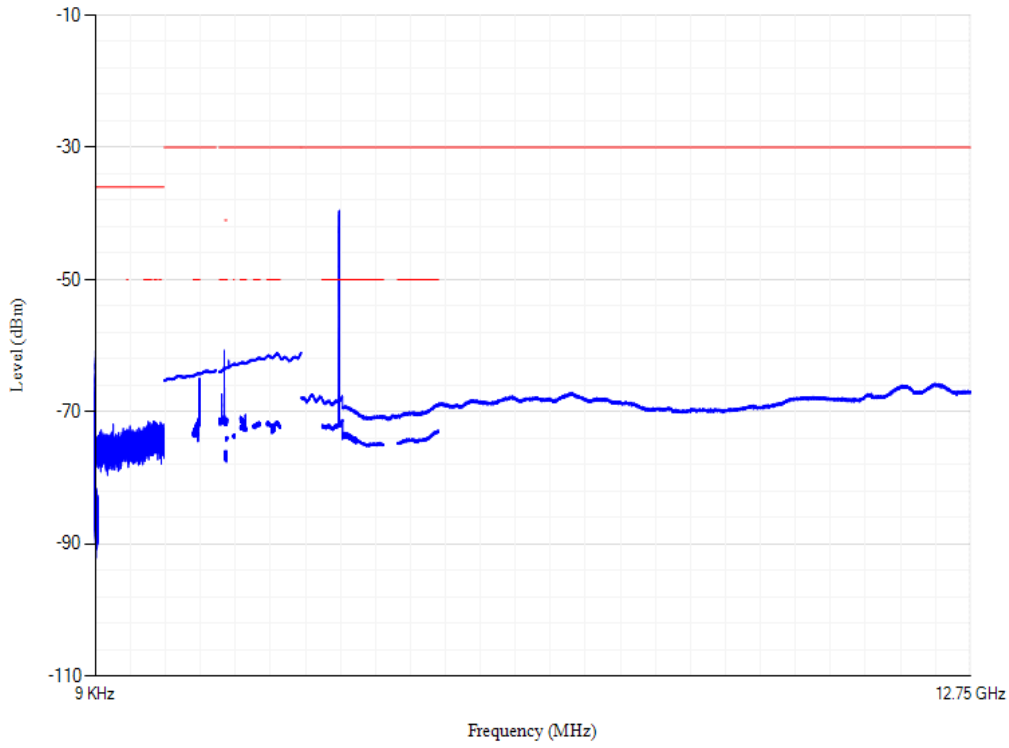
n3 SCS=30kHz CP_QPSK BW=10MHz Channel=356000 RB=24@0

Conducted spurious emissions



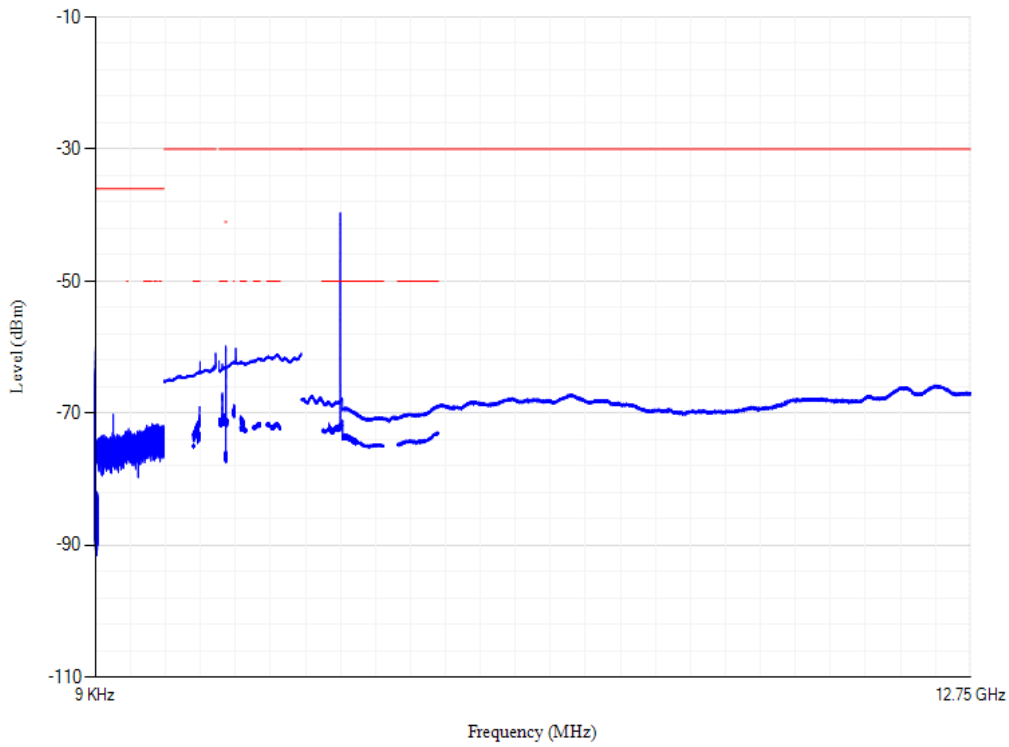
n3 SCS=30kHz CP_QPSK BW=10MHz Channel=356000 RB=1@0

Conducted spurious emissions



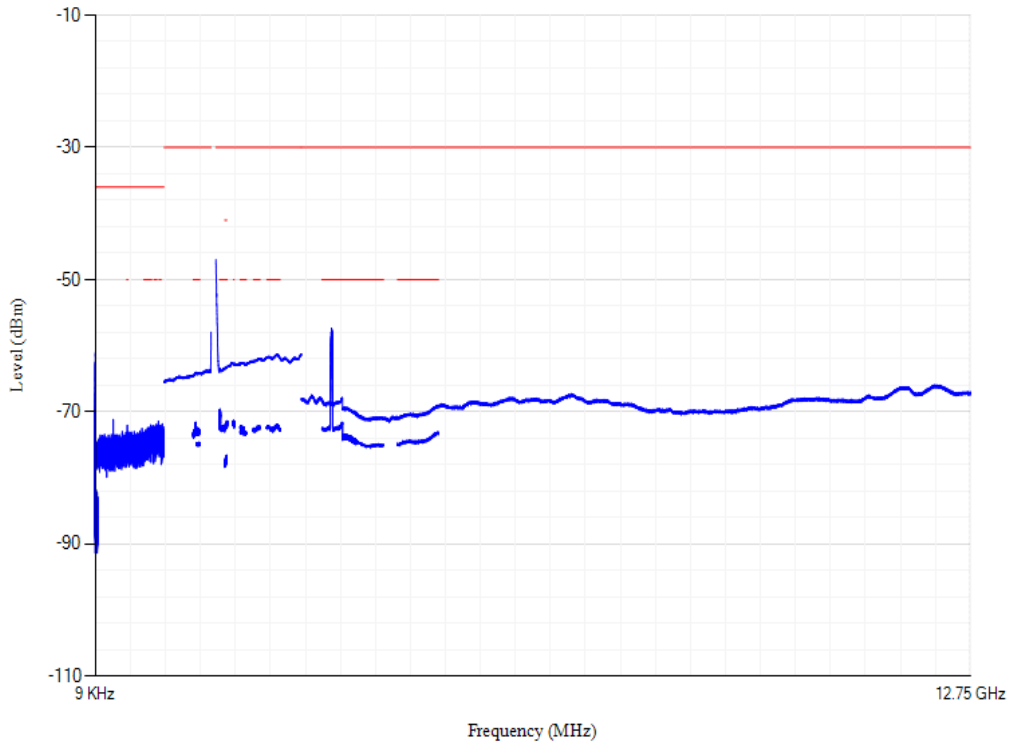
n3 SCS=30kHz CP_QPSK BW=10MHz Channel=356000 RB=1@23

Conducted spurious emissions



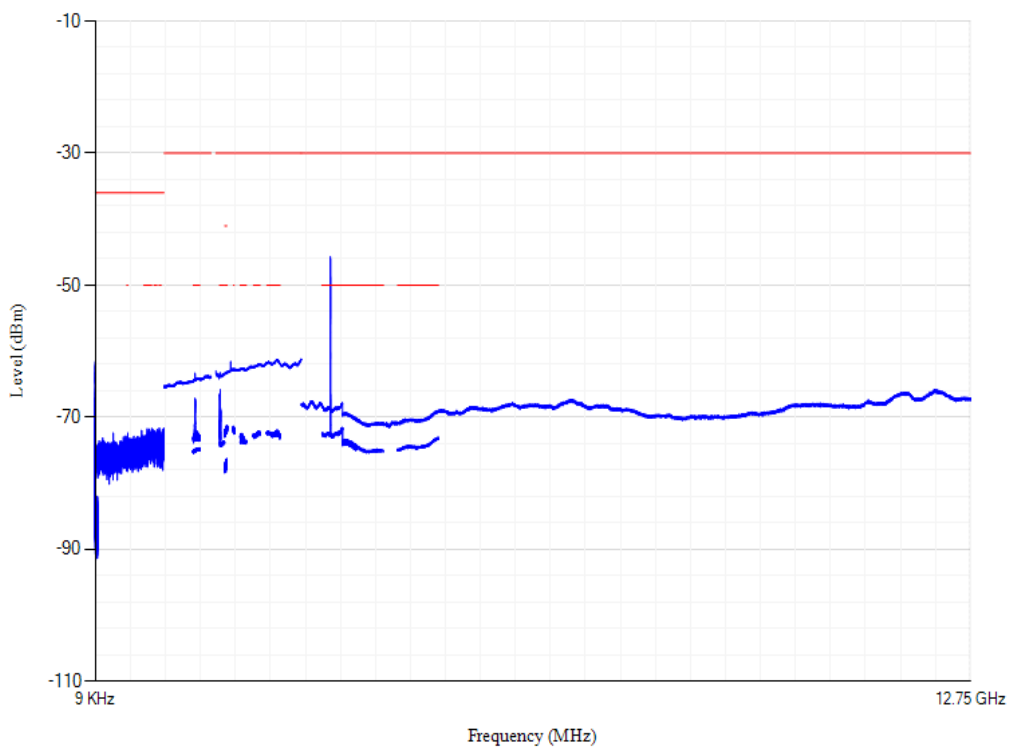
n3 SCS=30kHz CP_QPSK BW=20MHz Channel=344000 RB=51@0

Conducted spurious emissions



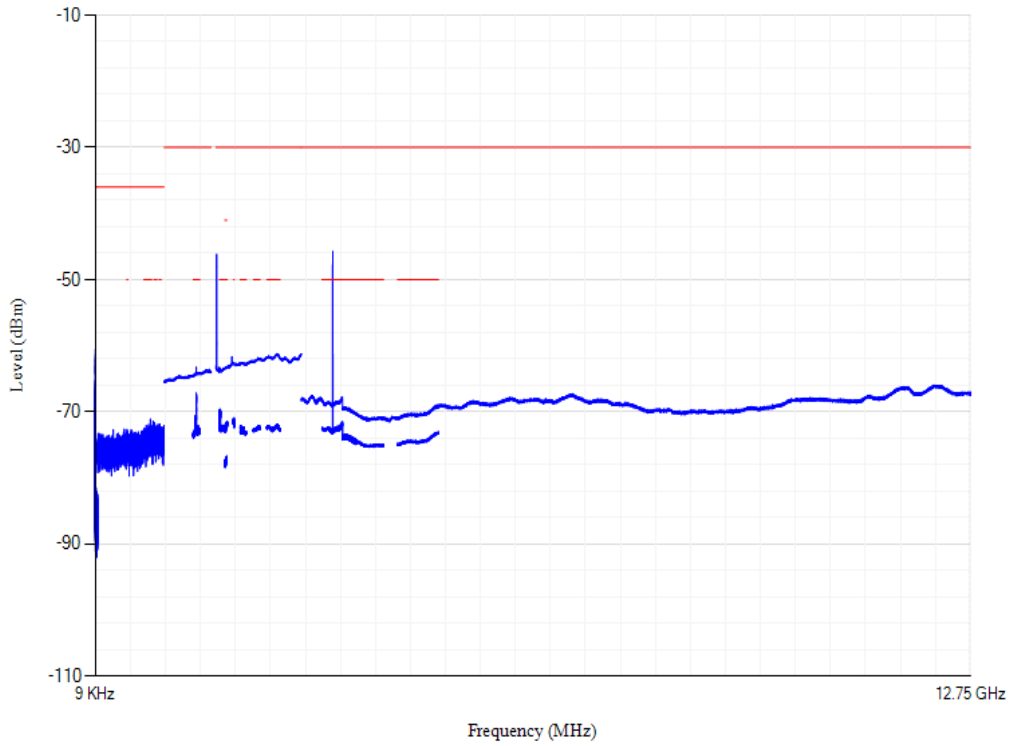
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Conducted spurious emissions



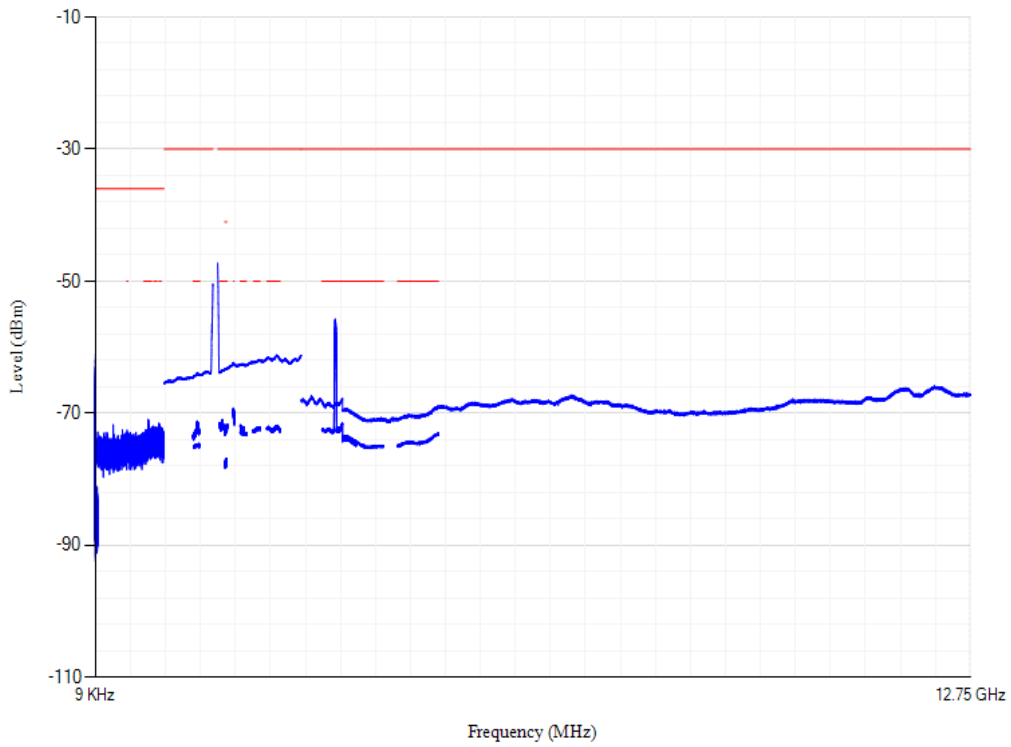
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Conducted spurious emissions



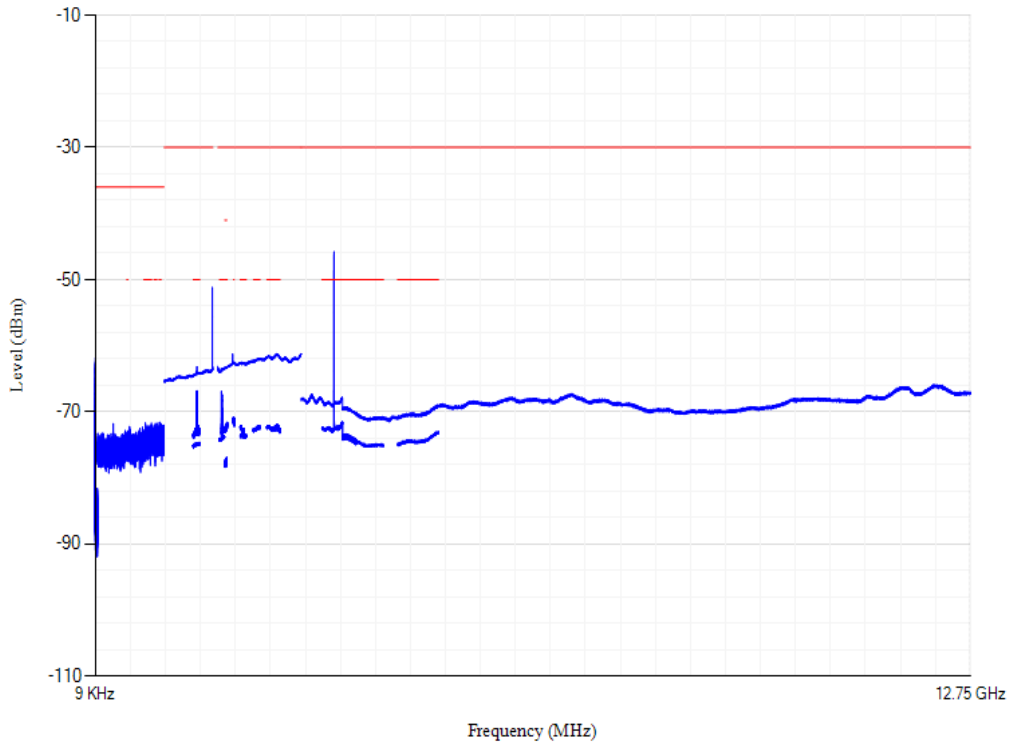
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Conducted spurious emissions



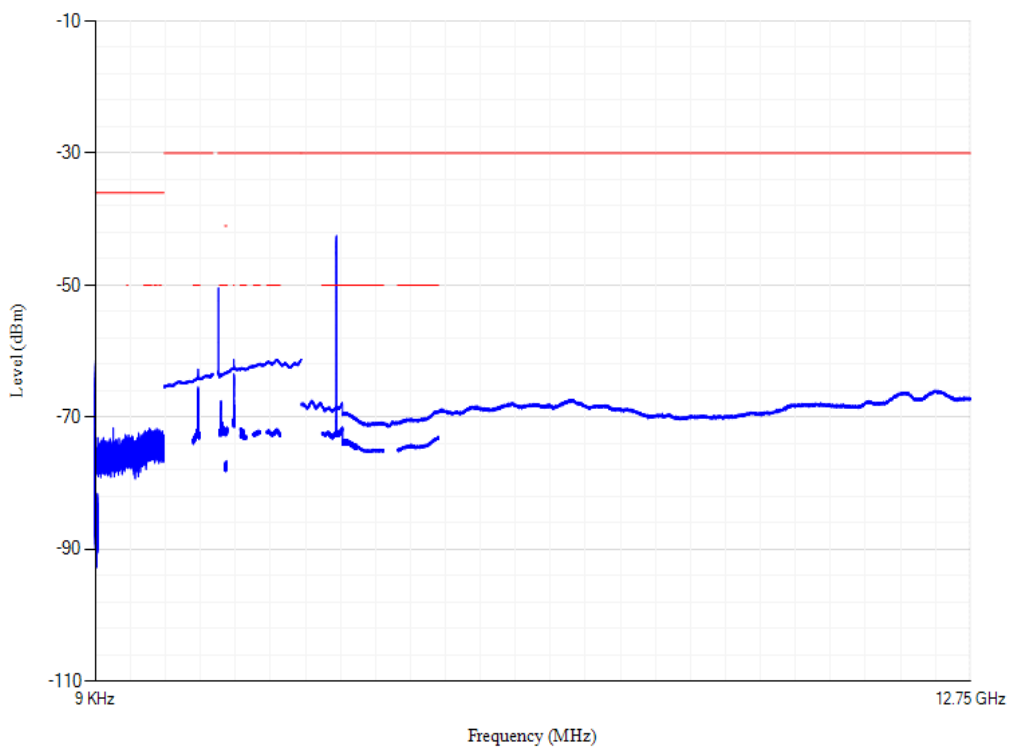
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Conducted spurious emissions



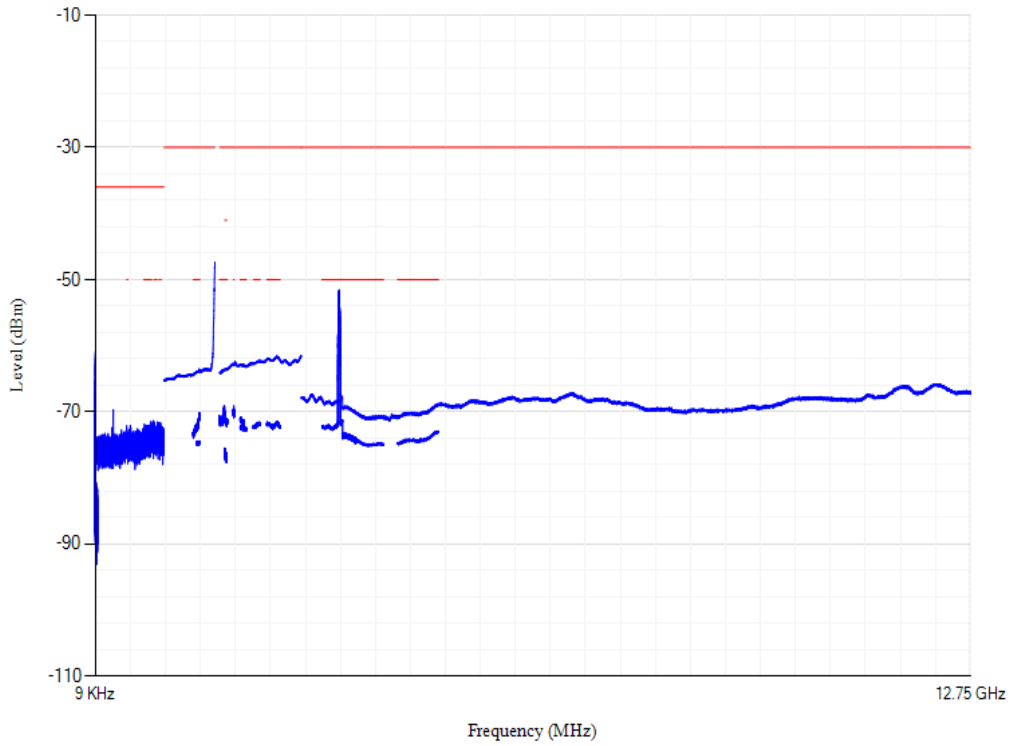
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Conducted spurious emissions



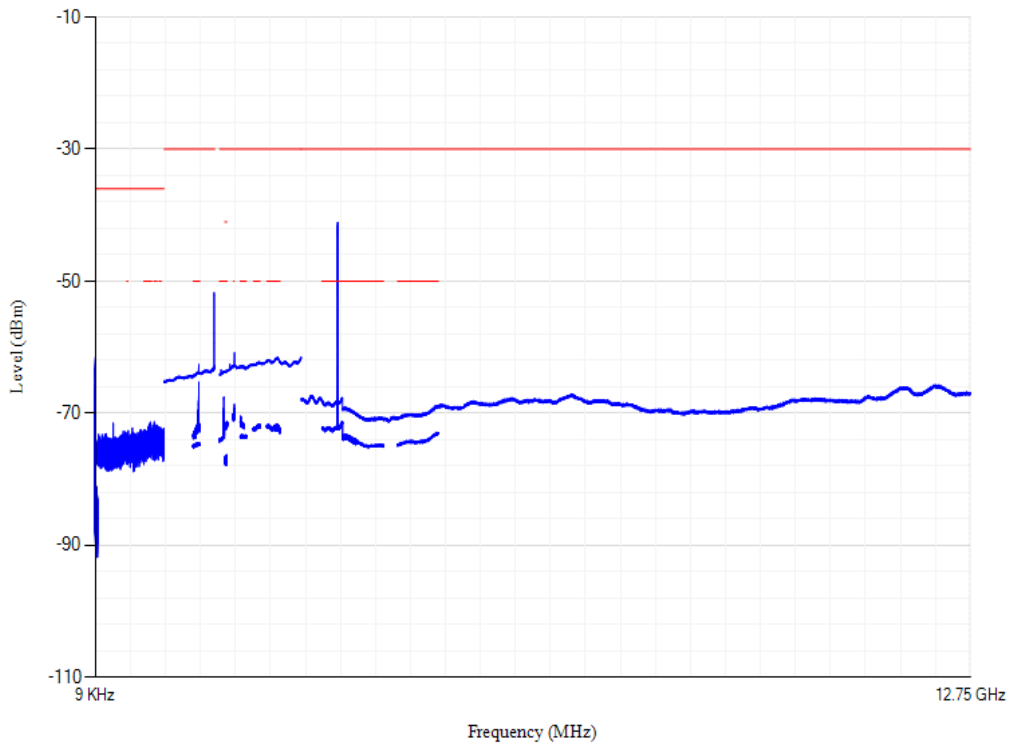
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Conducted spurious emissions



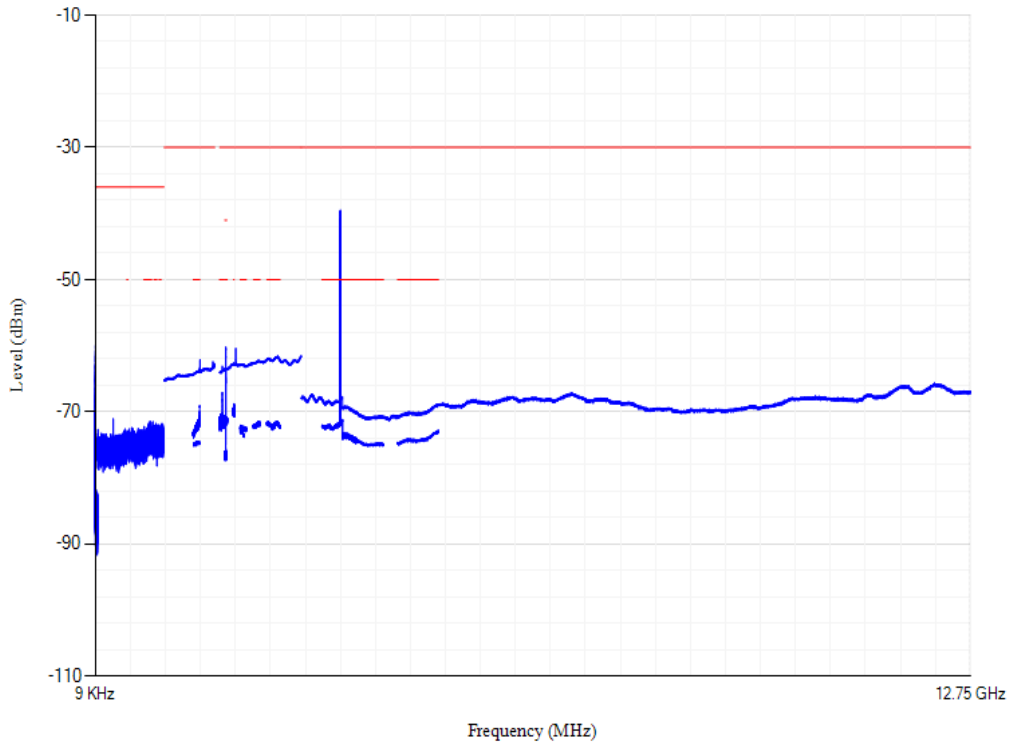
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Conducted spurious emissions



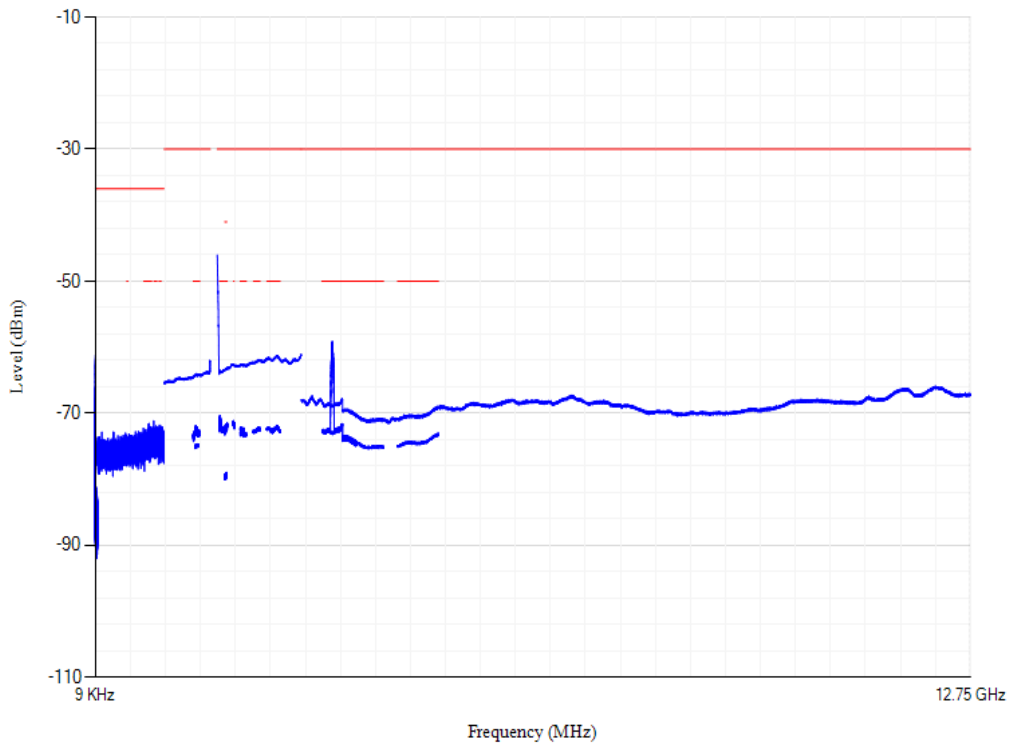
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Conducted spurious emissions



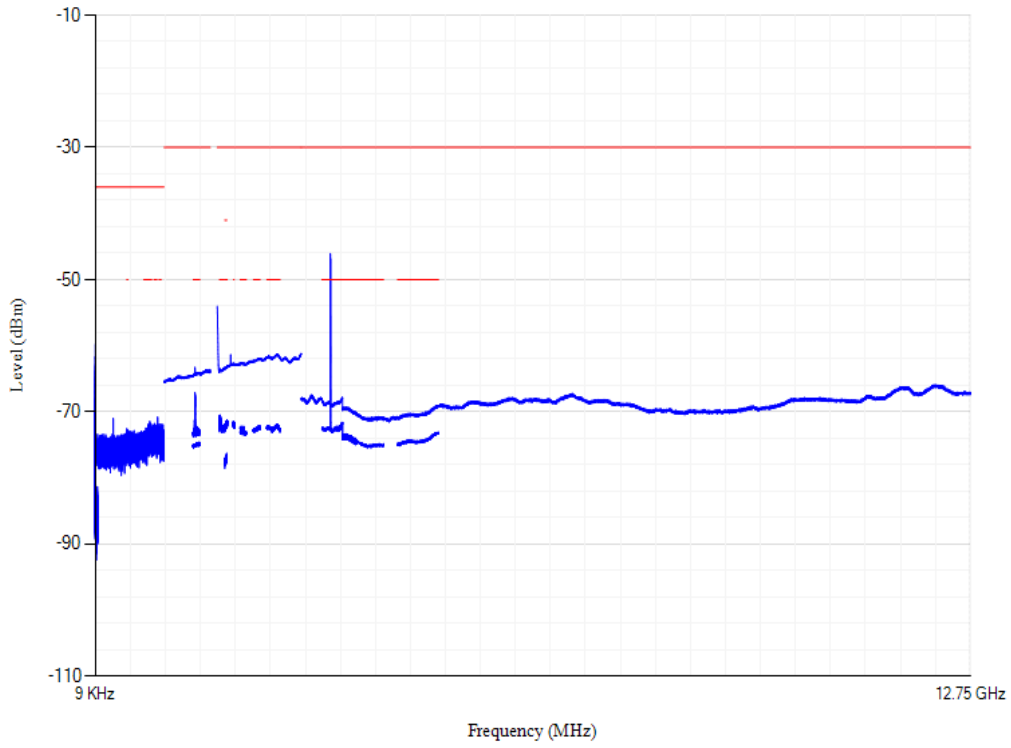
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Conducted spurious emissions



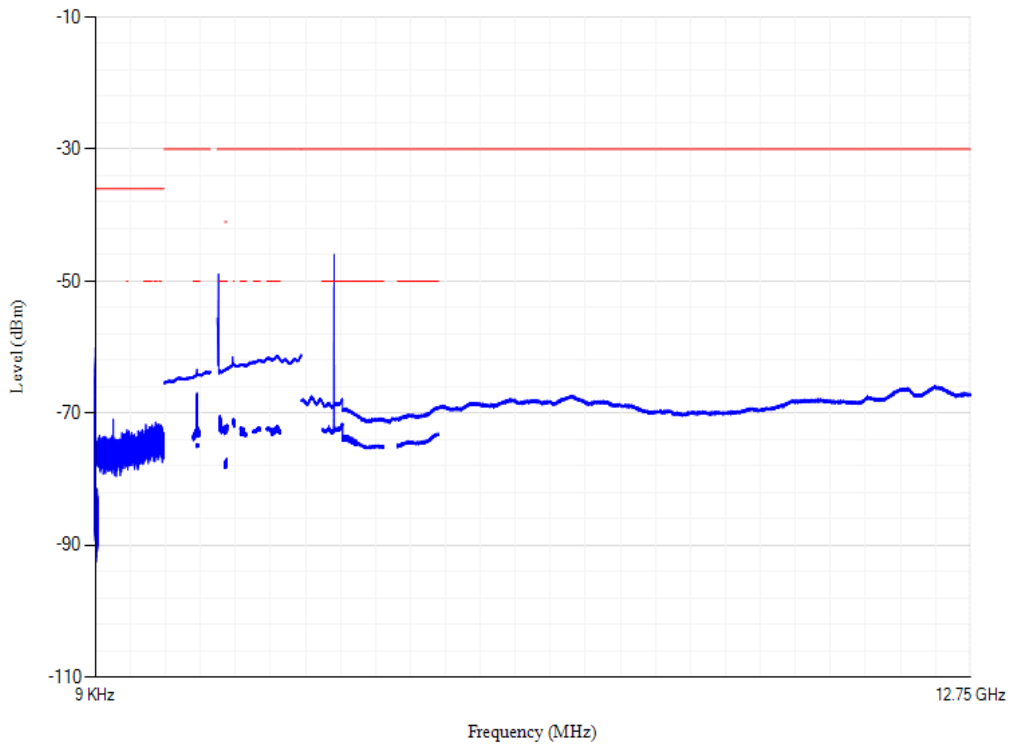
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Conducted spurious emissions



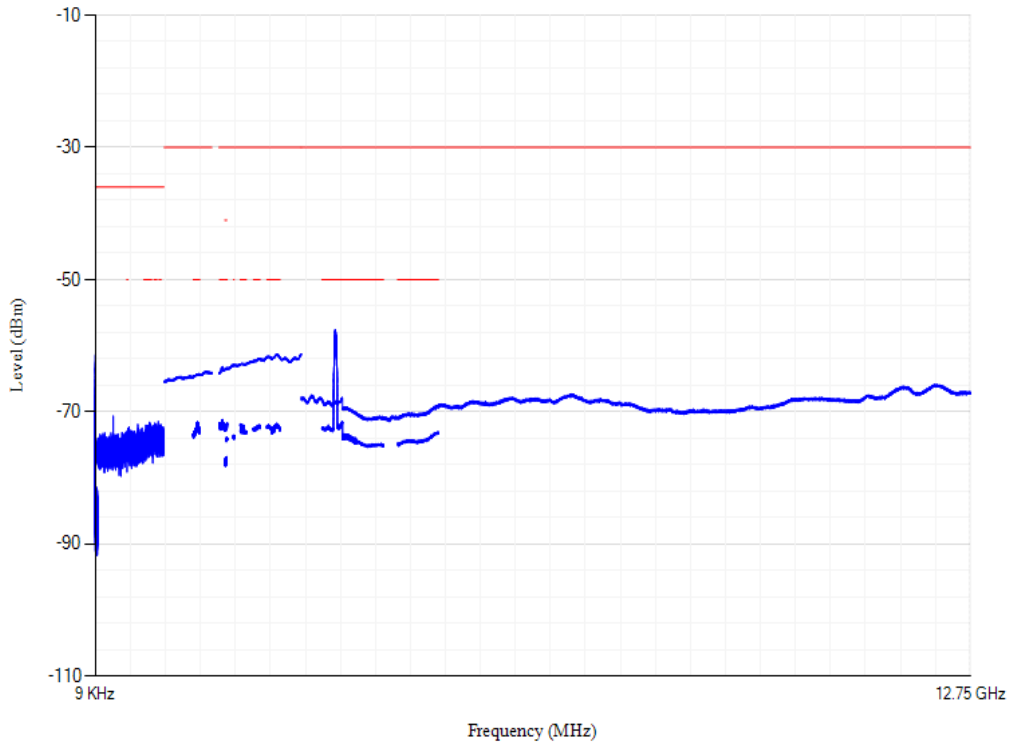
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Conducted spurious emissions



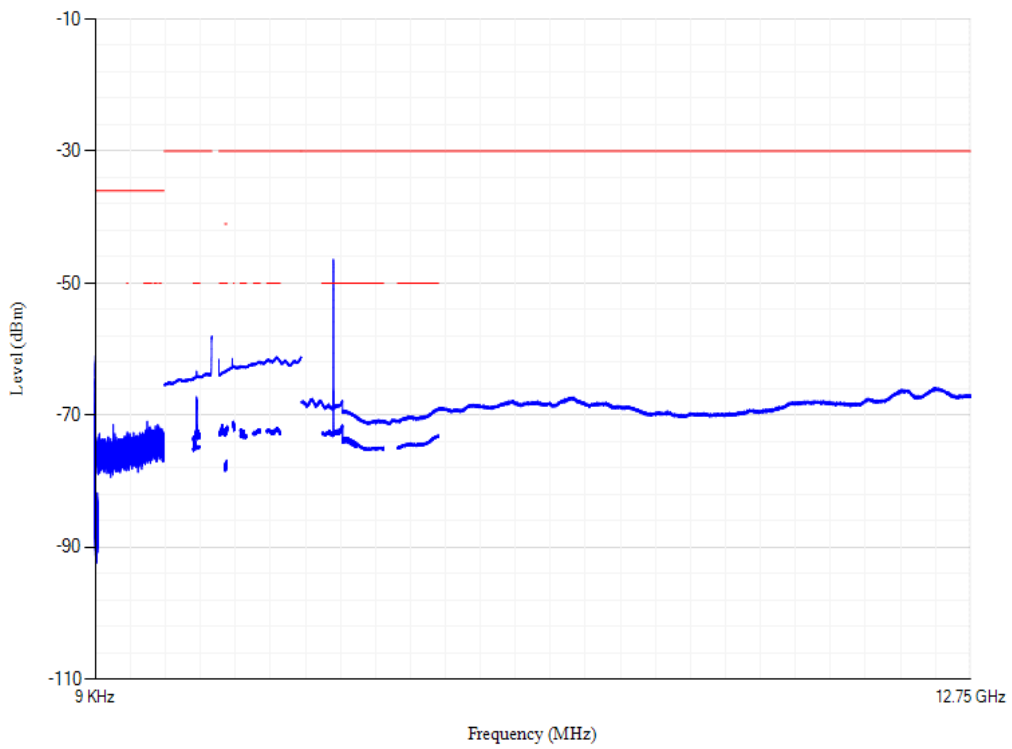
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Conducted spurious emissions



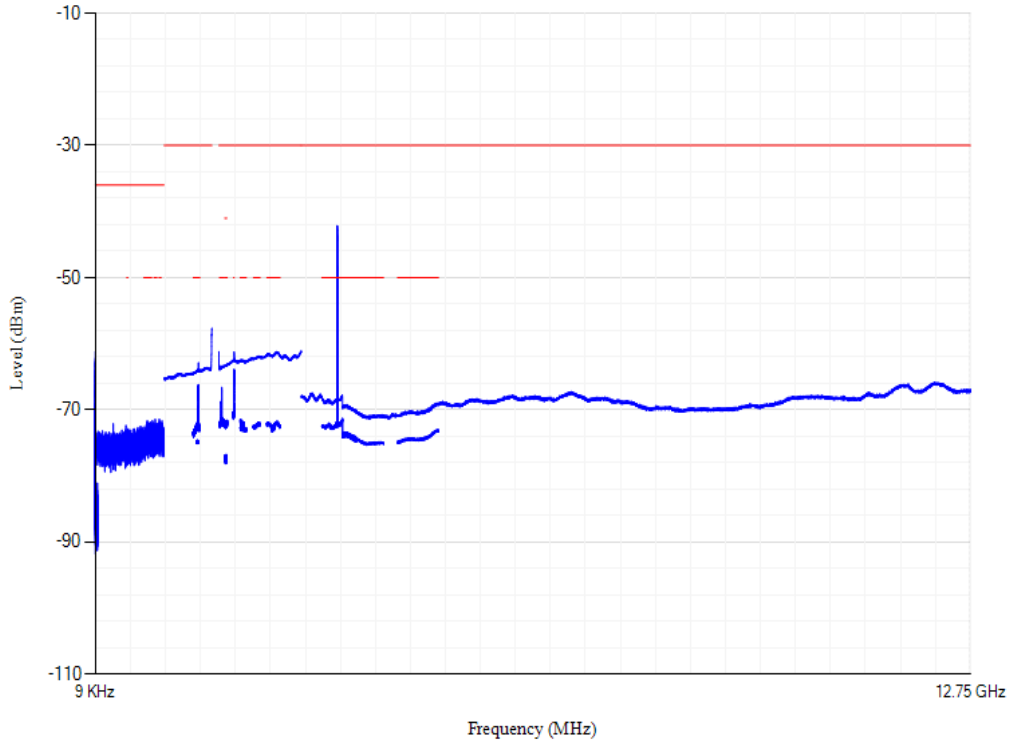
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Conducted spurious emissions



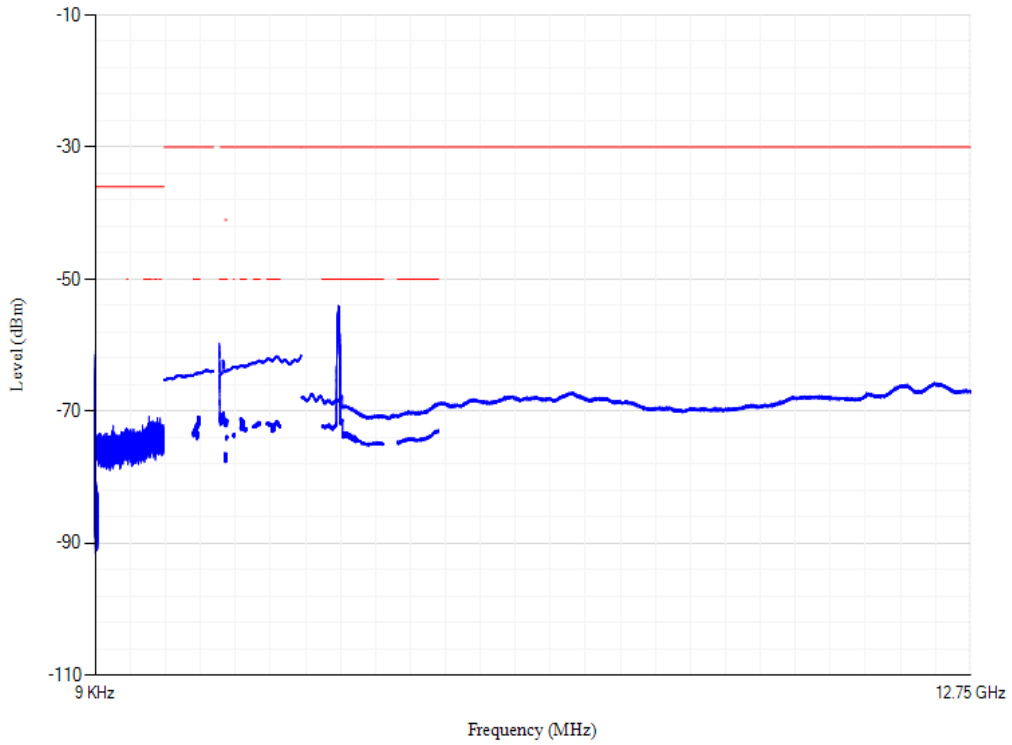
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Conducted spurious emissions



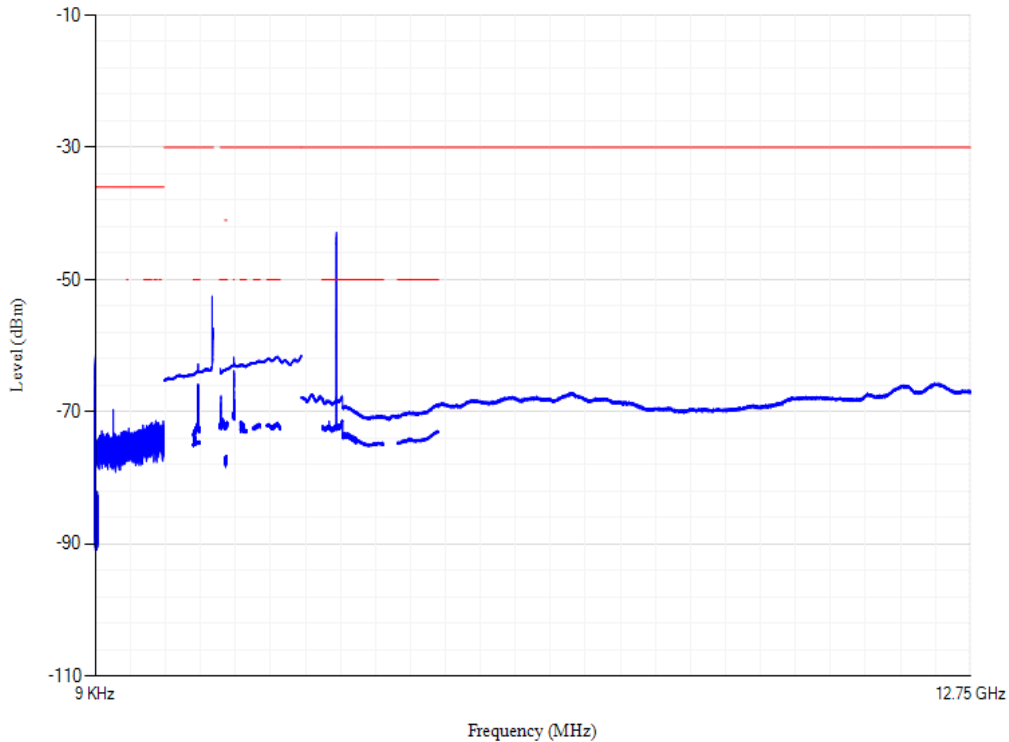
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Conducted spurious emissions



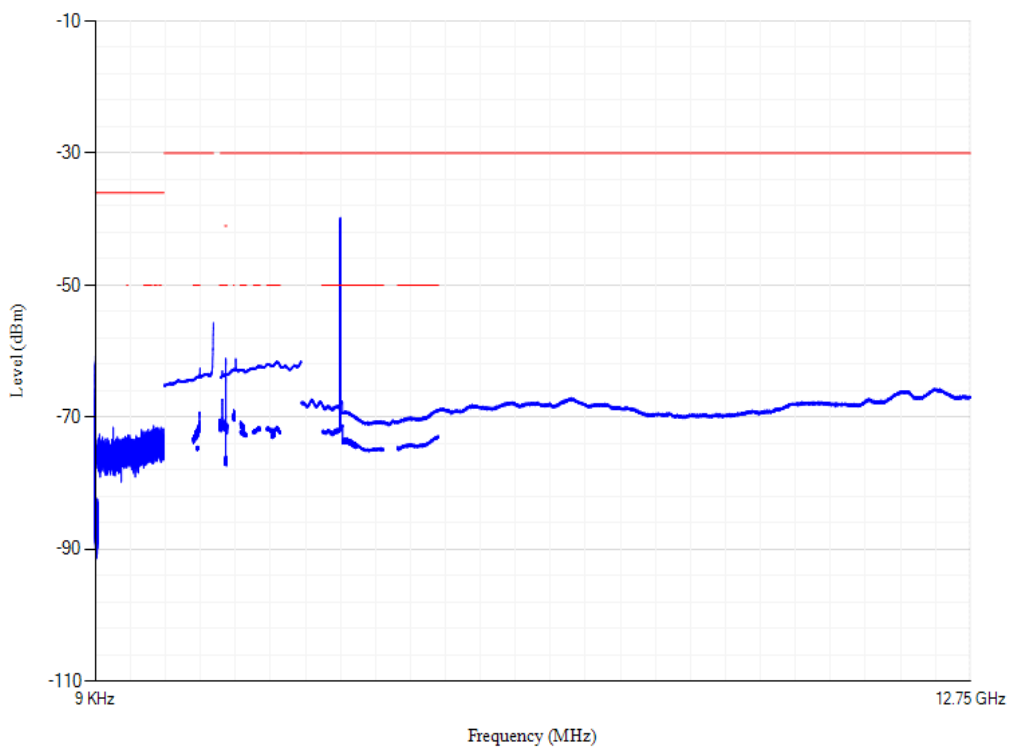
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Conducted spurious emissions



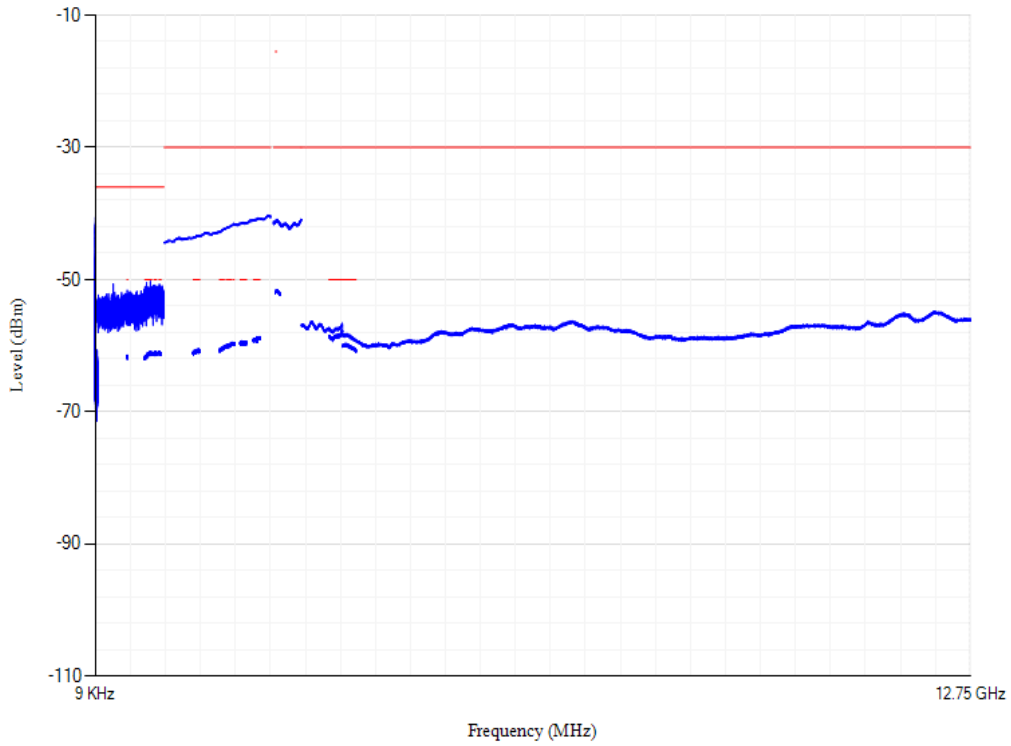
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Conducted spurious emissions



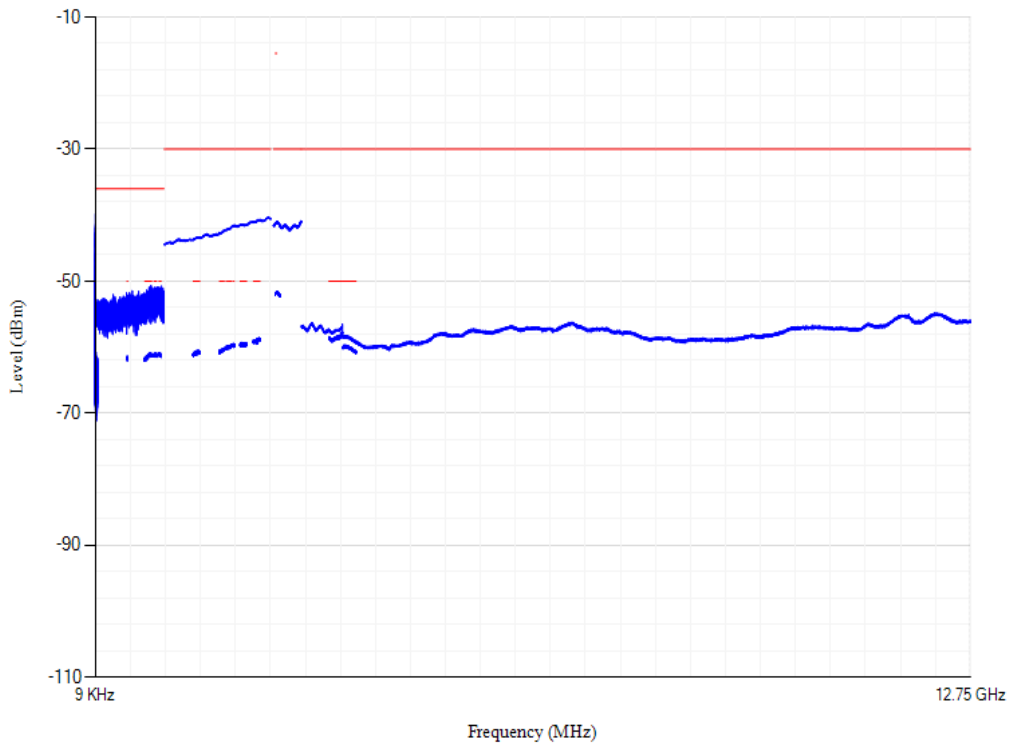
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Conducted spurious emissions



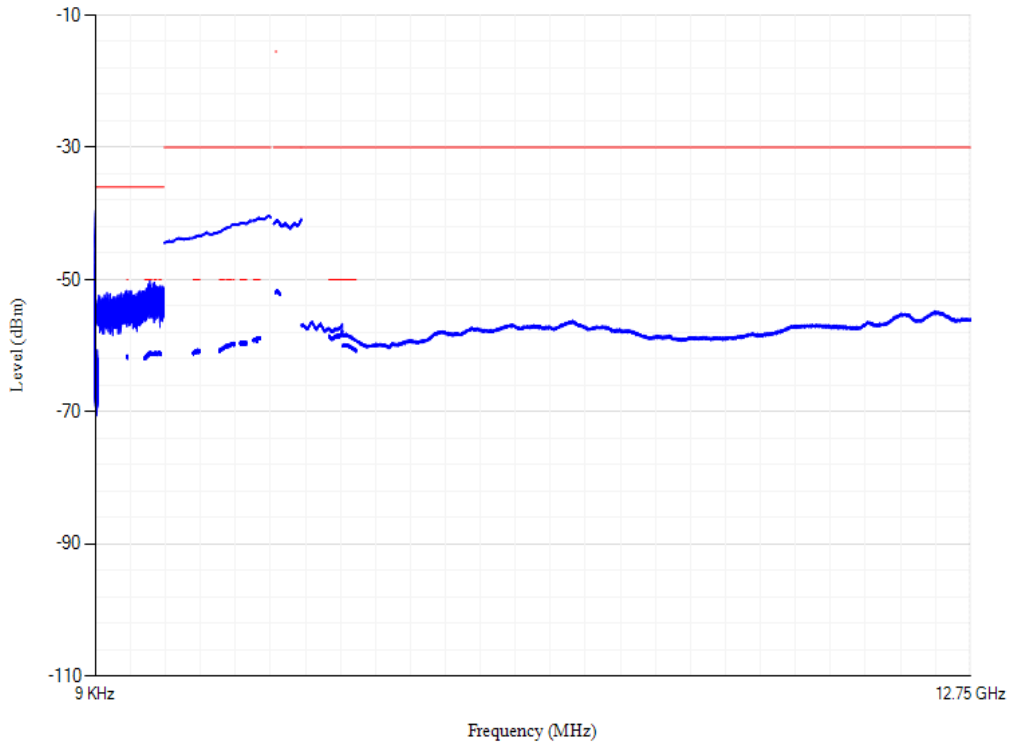
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Conducted spurious emissions



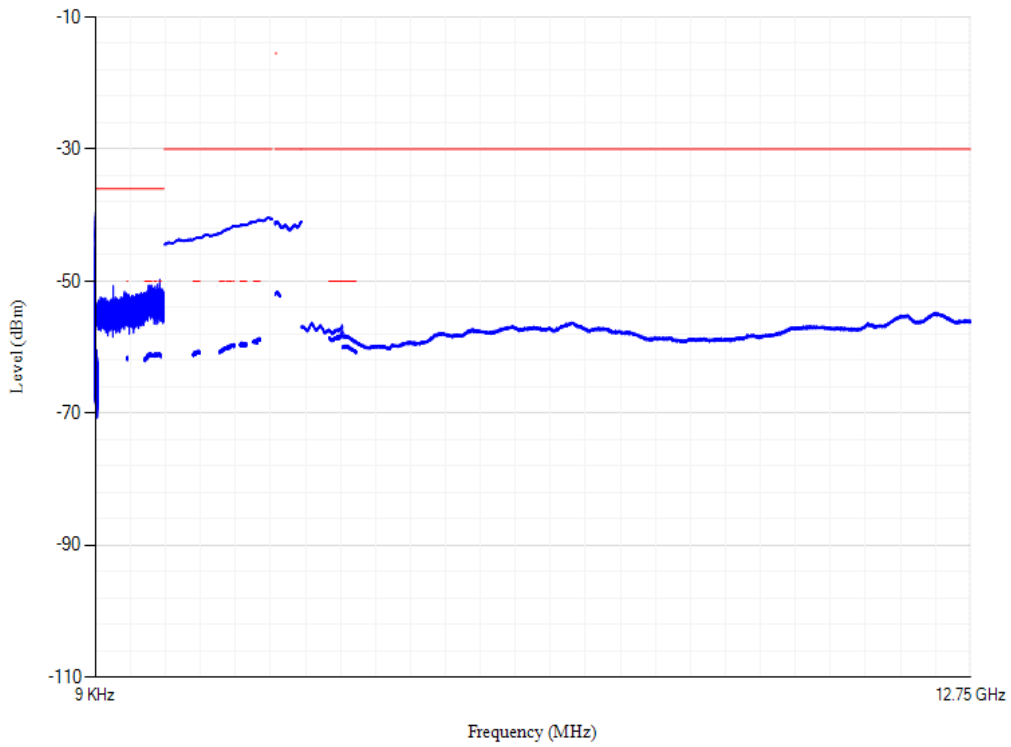
n38 SCS=30kHz CP_QPSK BW=10MHz Channel=515000 RB=1@23

Conducted spurious emissions



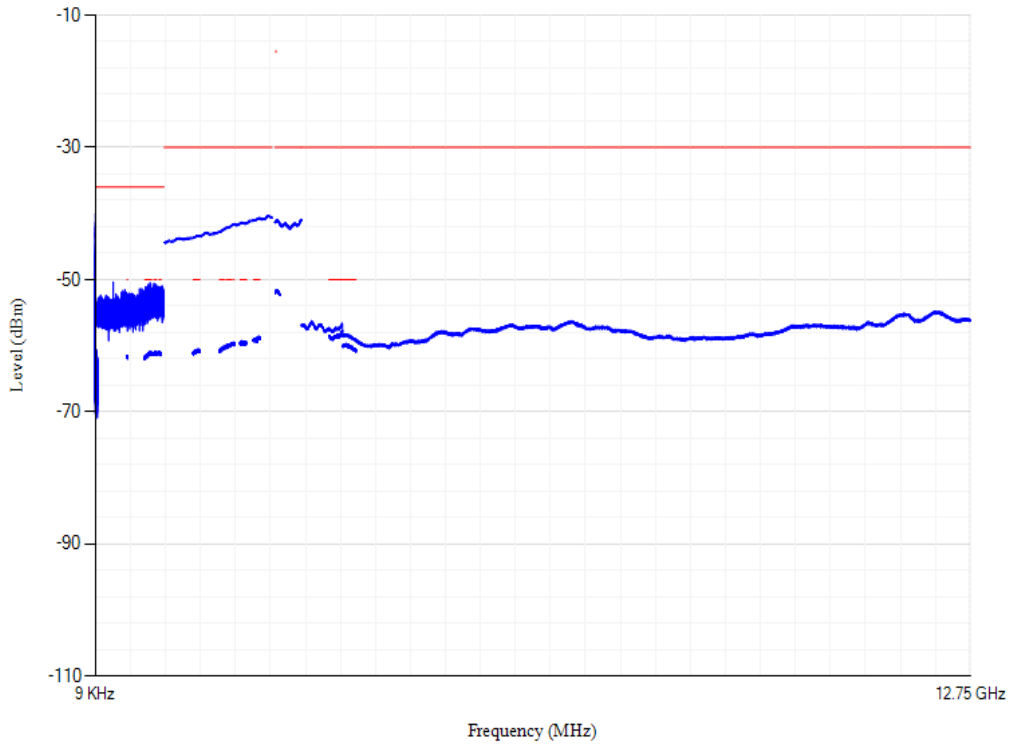
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Conducted spurious emissions



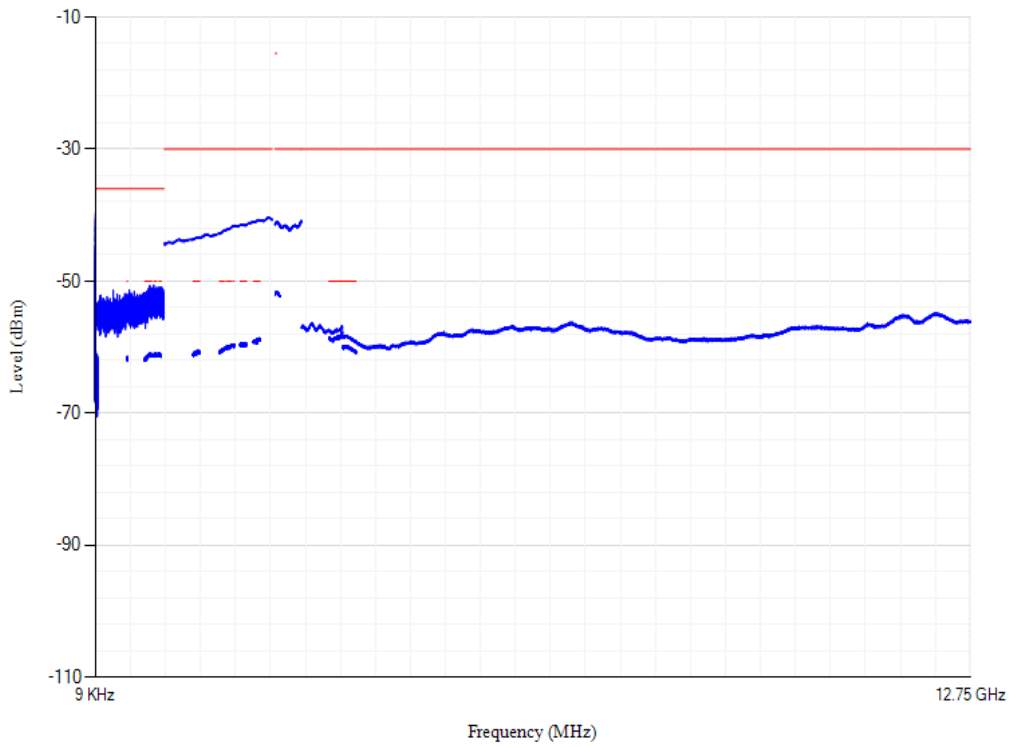
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Conducted spurious emissions



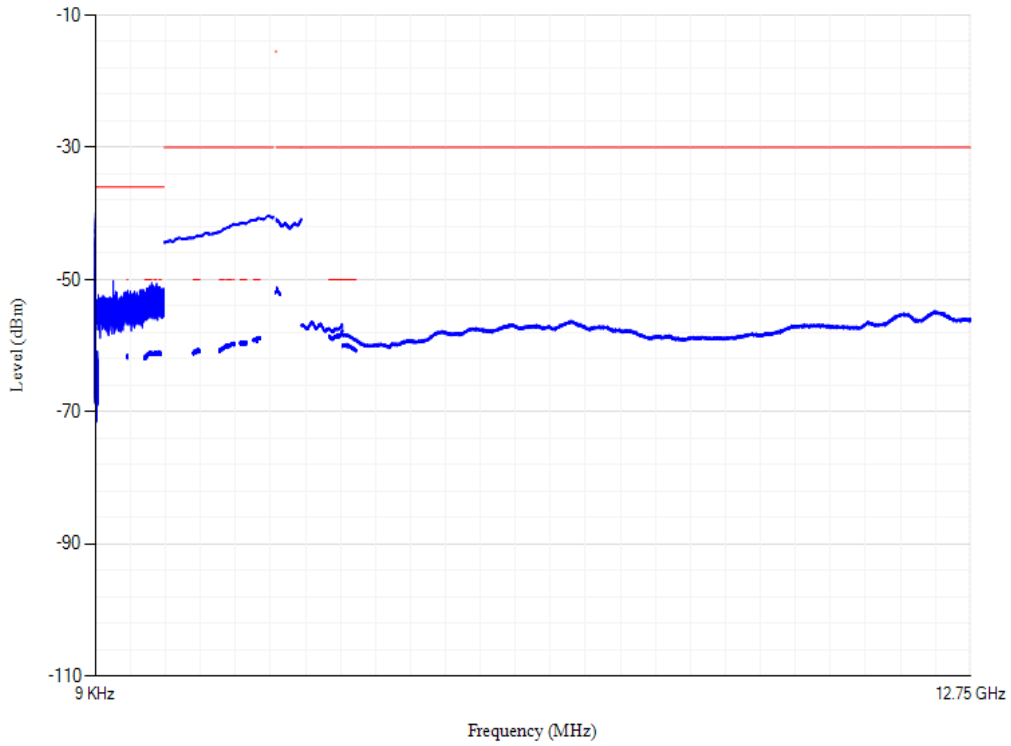
n38 SCS=30kHz CP_QPSK BW=10MHz Channel=519000 RB=1@23

Conducted spurious emissions



n38 SCS=30kHz CP_QPSK BW=10MHz Channel=523000 RB=24@0

Conducted spurious emissions



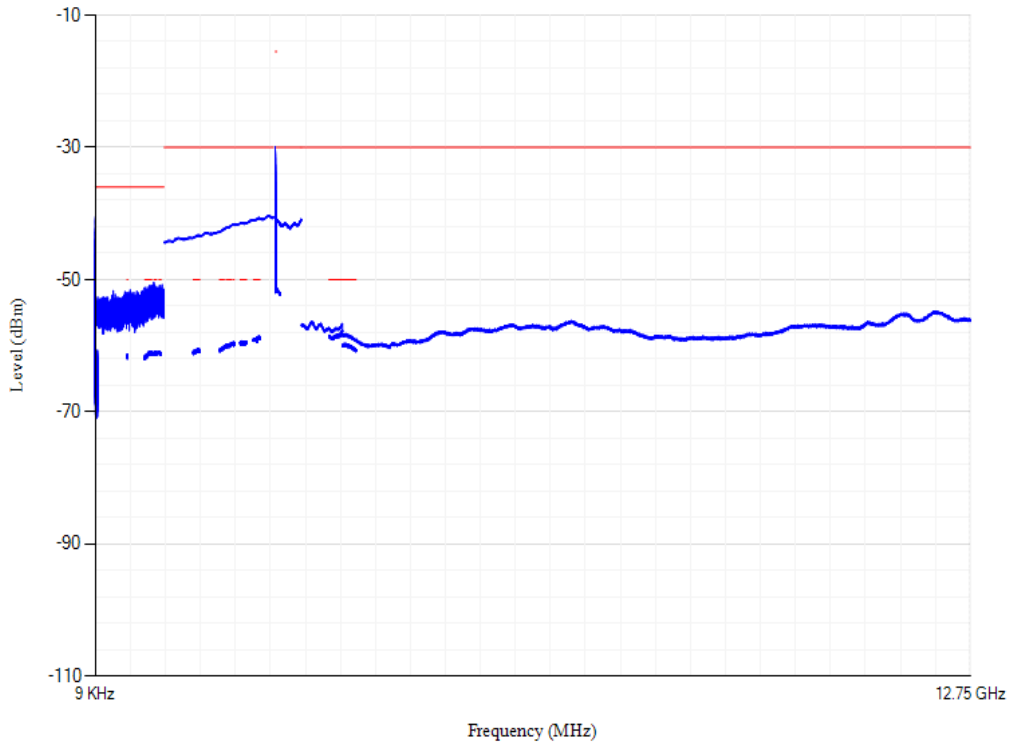
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Conducted spurious emissions



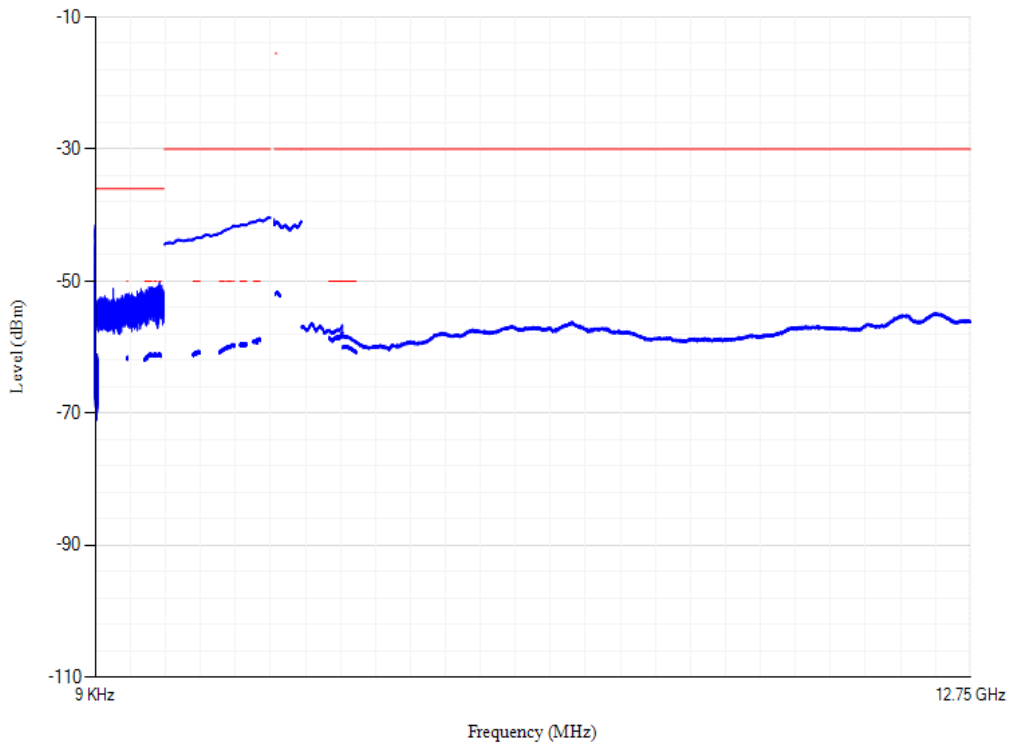
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Conducted spurious emissions



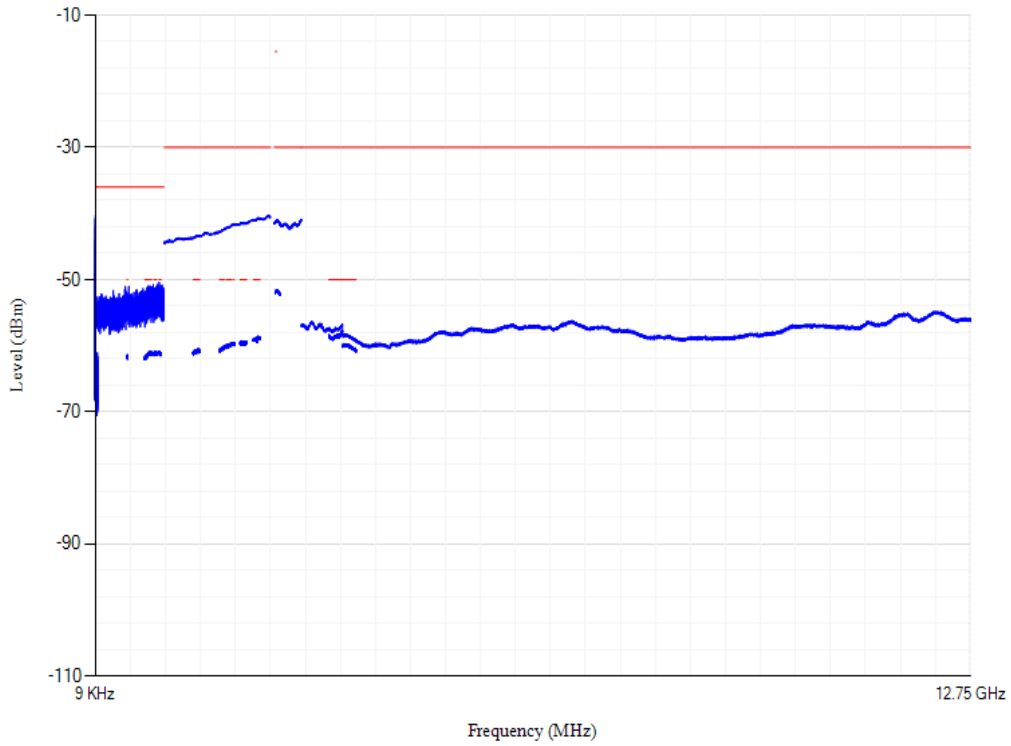
n38 SCS=30kHz CP_QPSK BW=15MHz Channel=515500 RB=38@0

Conducted spurious emissions



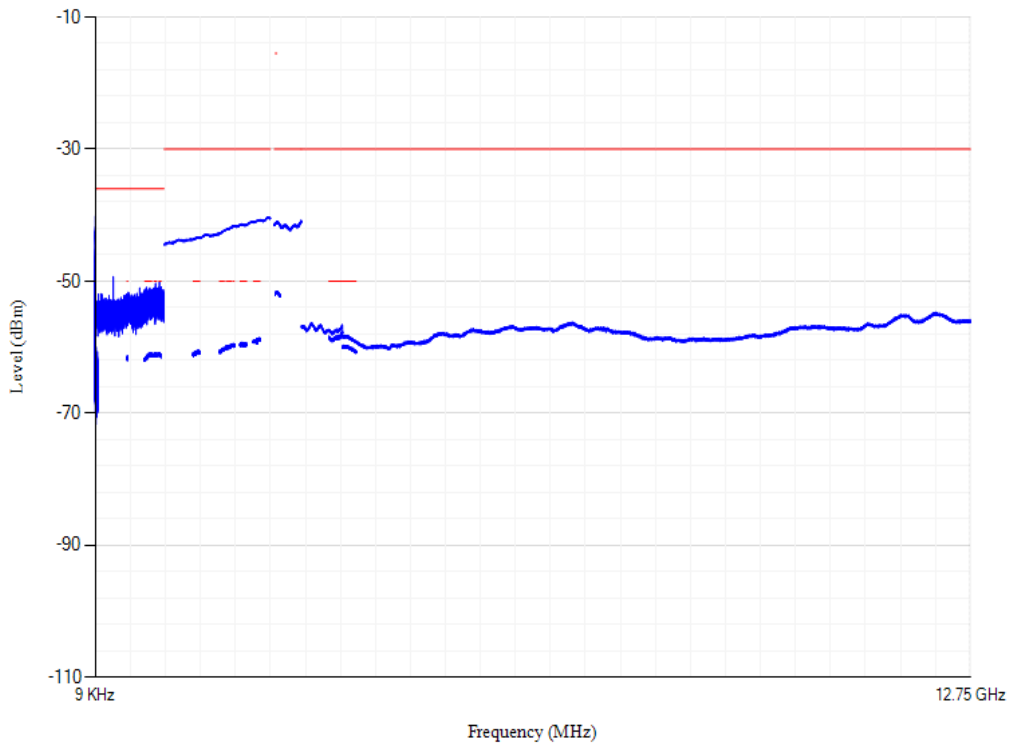
n38 SCS=30kHz CP_QPSK BW=15MHz Channel=515500 RB=1@0

Conducted spurious emissions



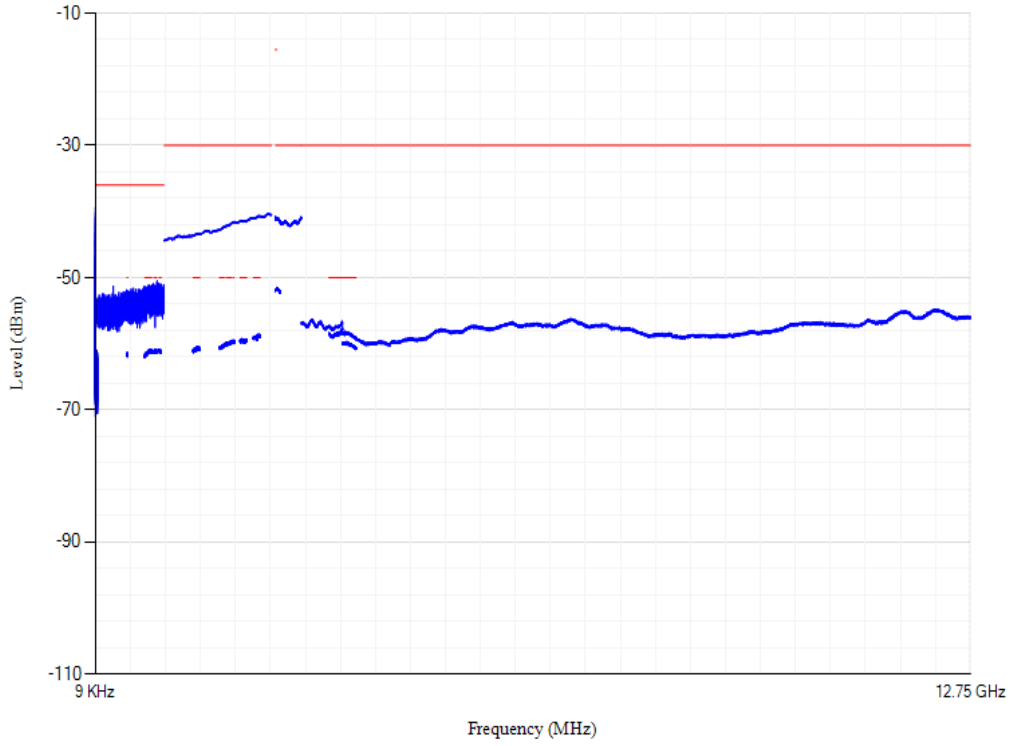
n38 SCS=30kHz CP_QPSK BW=15MHz Channel=515500 RB=1@37

Conducted spurious emissions



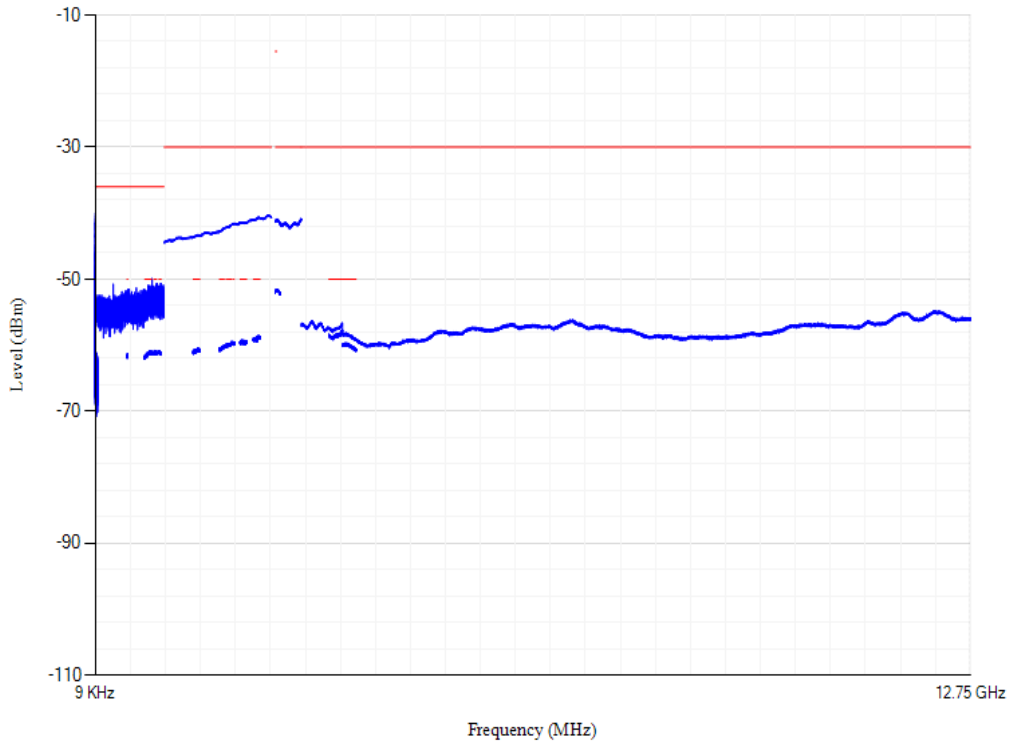
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Conducted spurious emissions



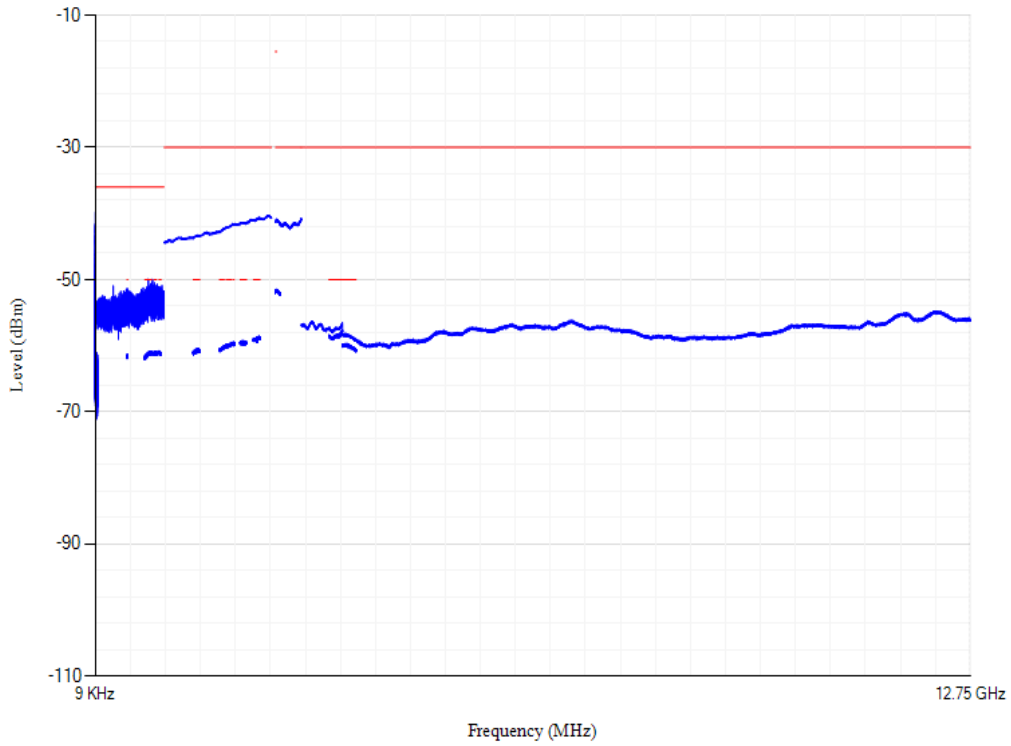
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Conducted spurious emissions



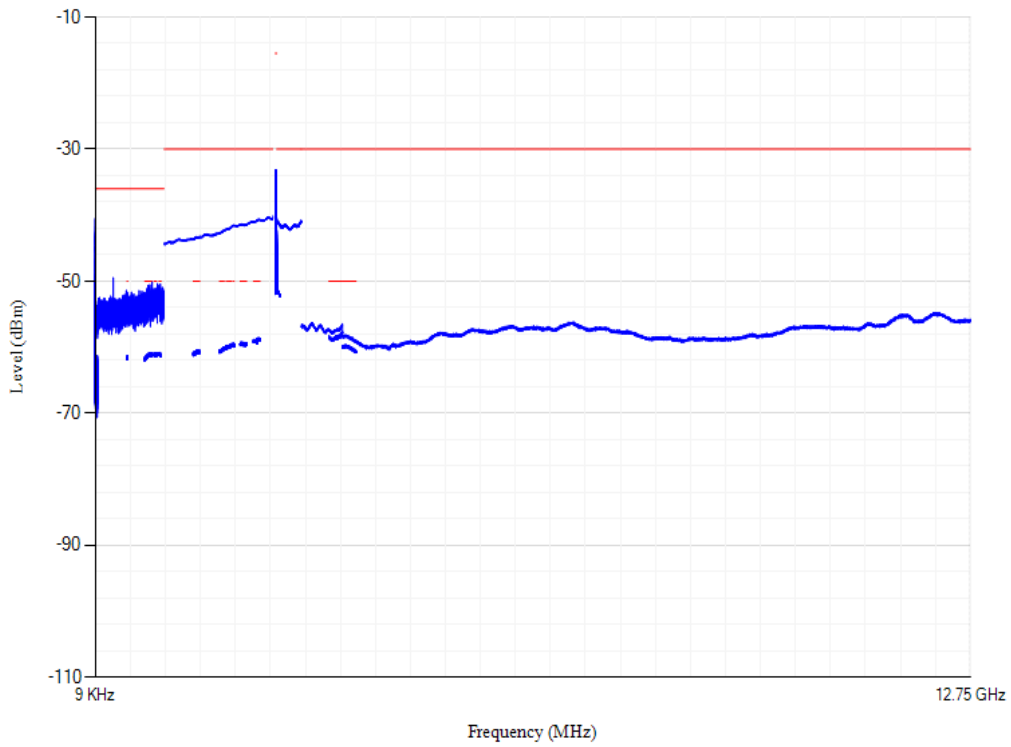
n38 SCS=30kHz CP_QPSK BW=15MHz Channel=519000 RB=1@37

Conducted spurious emissions



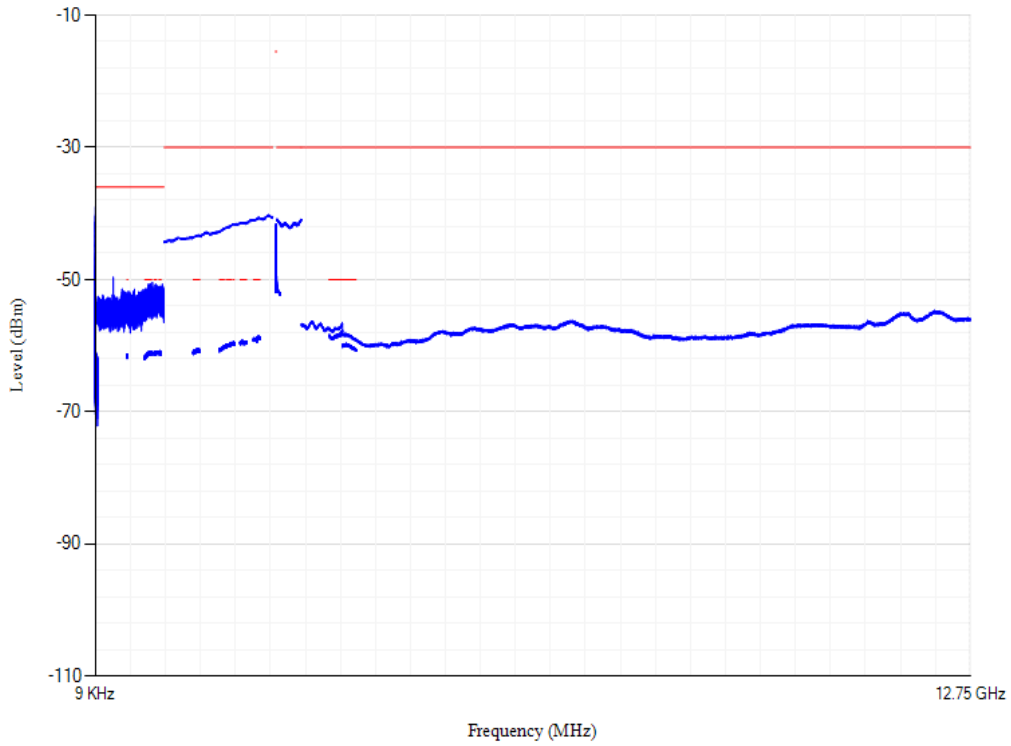
n38 SCS=30kHz CP_QPSK BW=15MHz Channel=522500 RB=38@0

Conducted spurious emissions



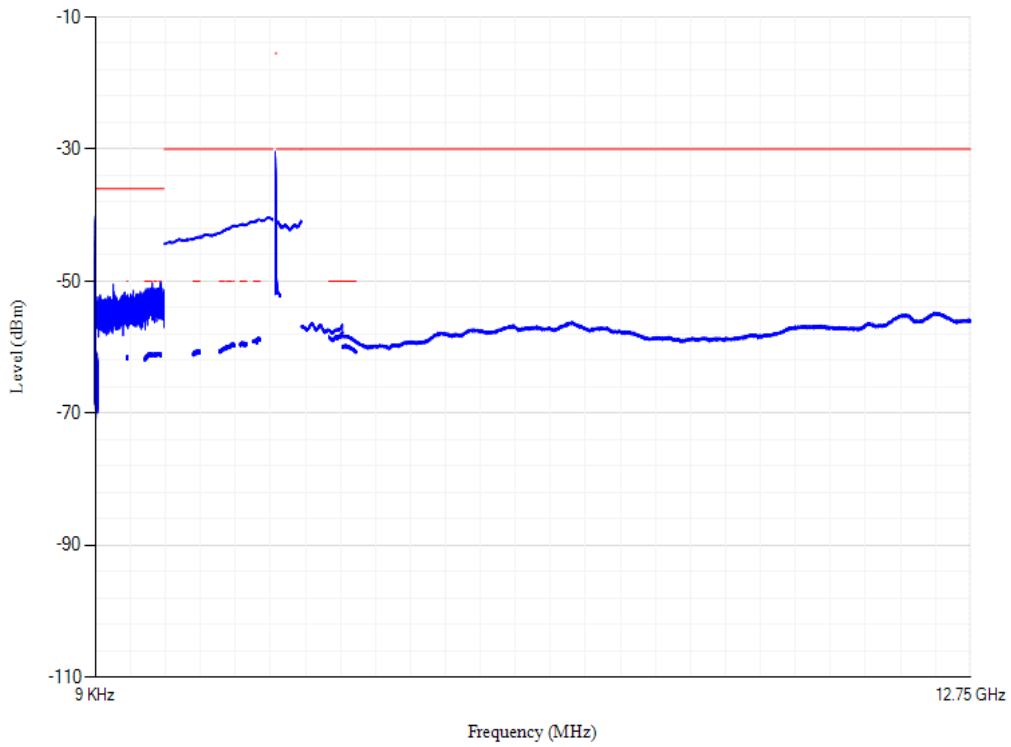
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Conducted spurious emissions



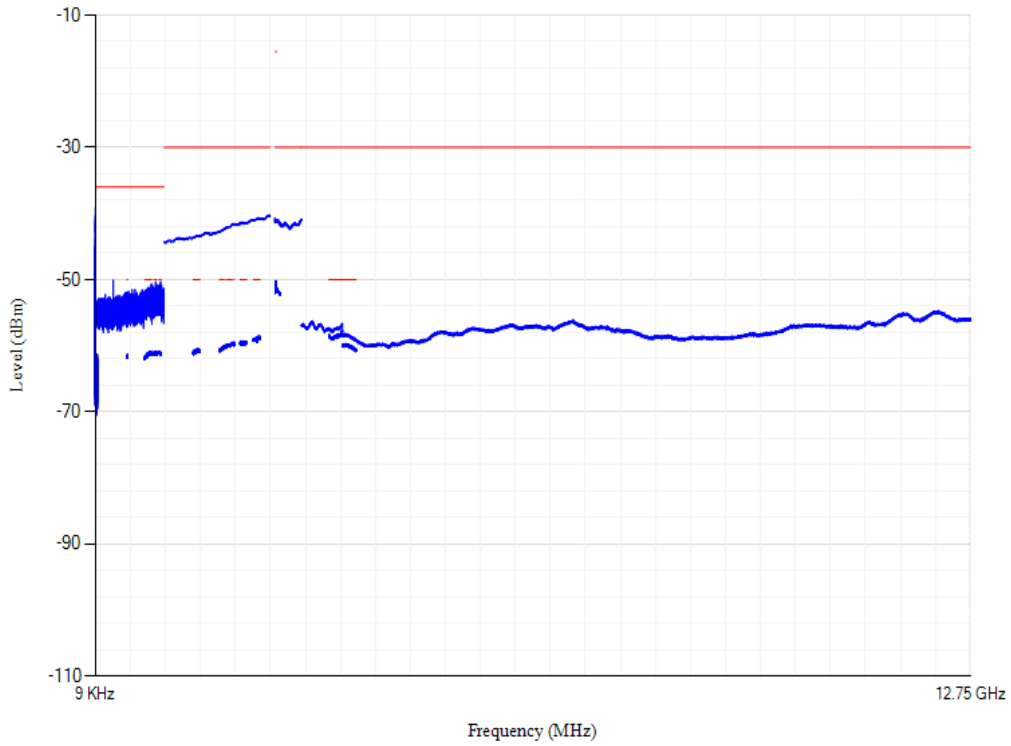
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Conducted spurious emissions



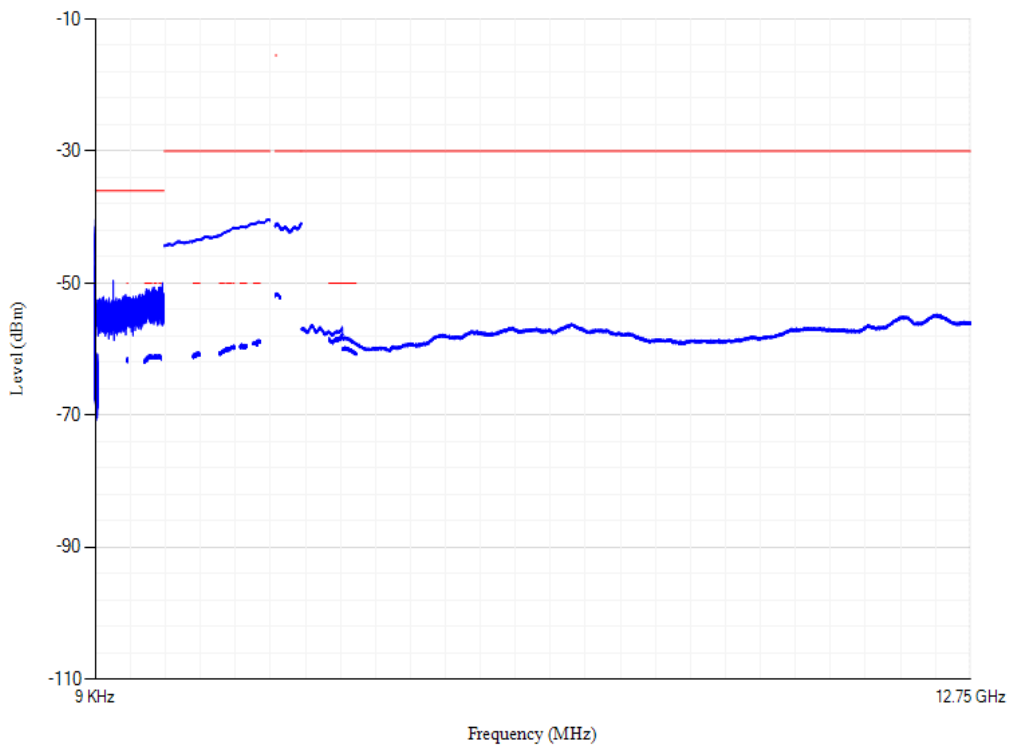
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Conducted spurious emissions



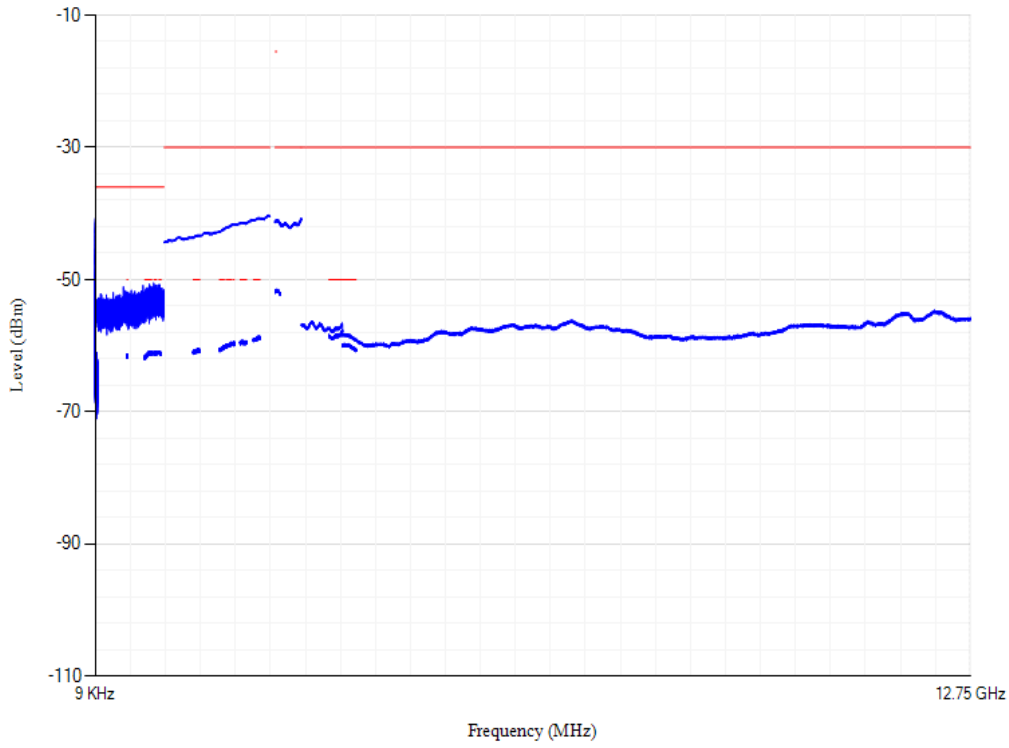
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Conducted spurious emissions



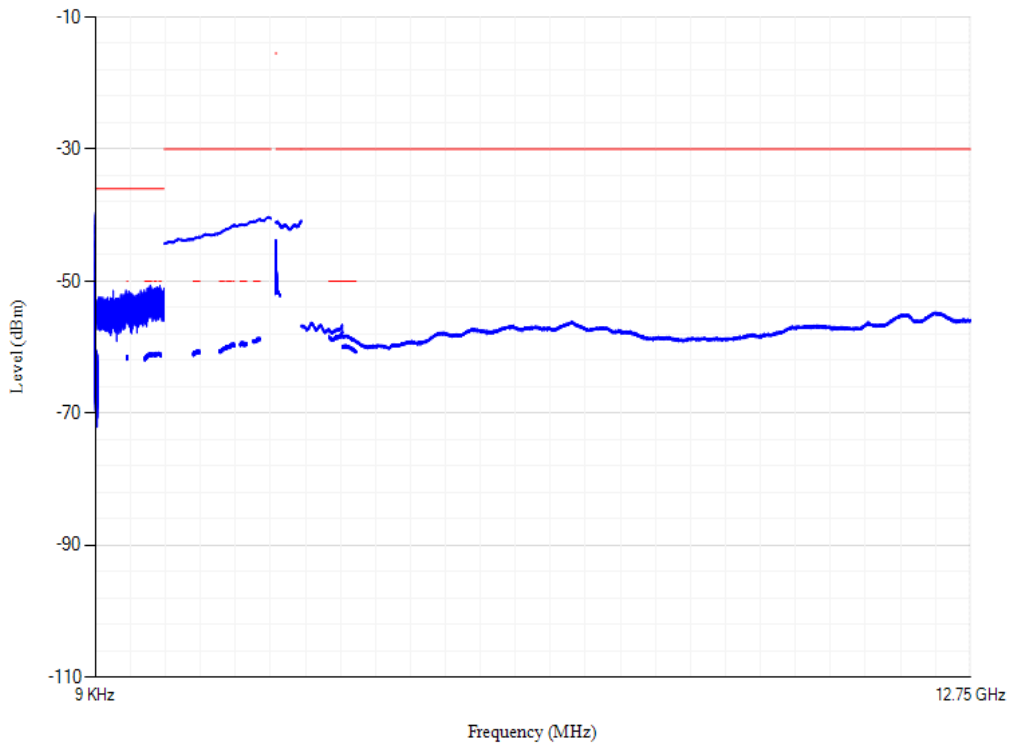
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Conducted spurious emissions



n38 SCS=30kHz CP_QPSK BW=20MHz Channel=519000 RB=51 @0

Conducted spurious emissions



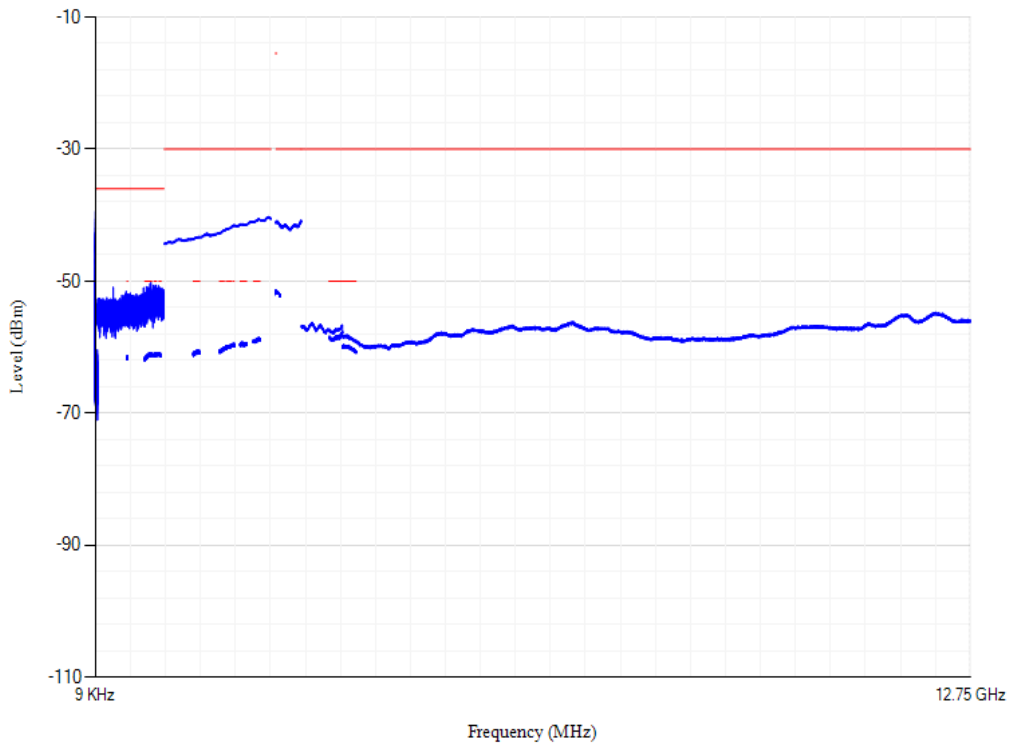
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Conducted spurious emissions



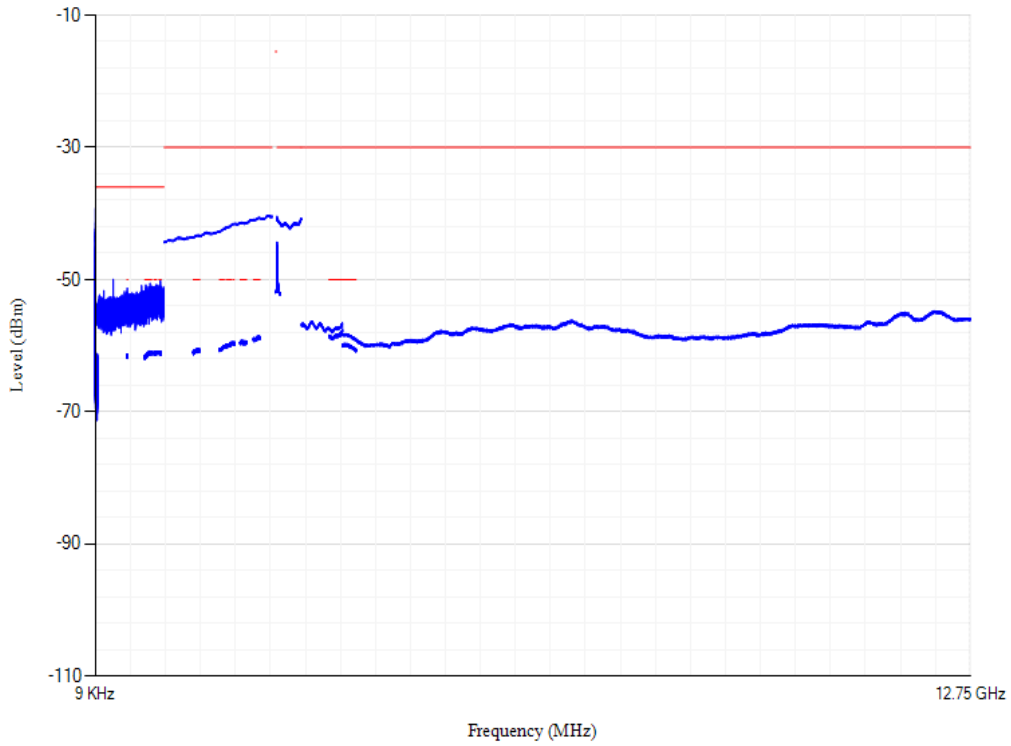
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Conducted spurious emissions



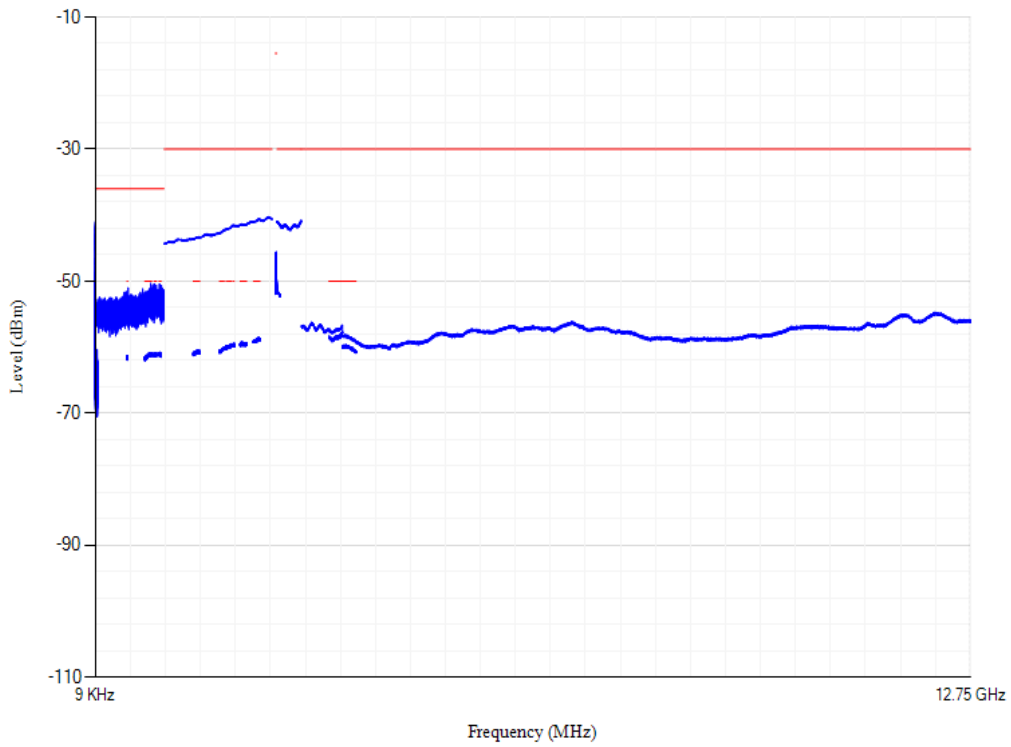
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Conducted spurious emissions



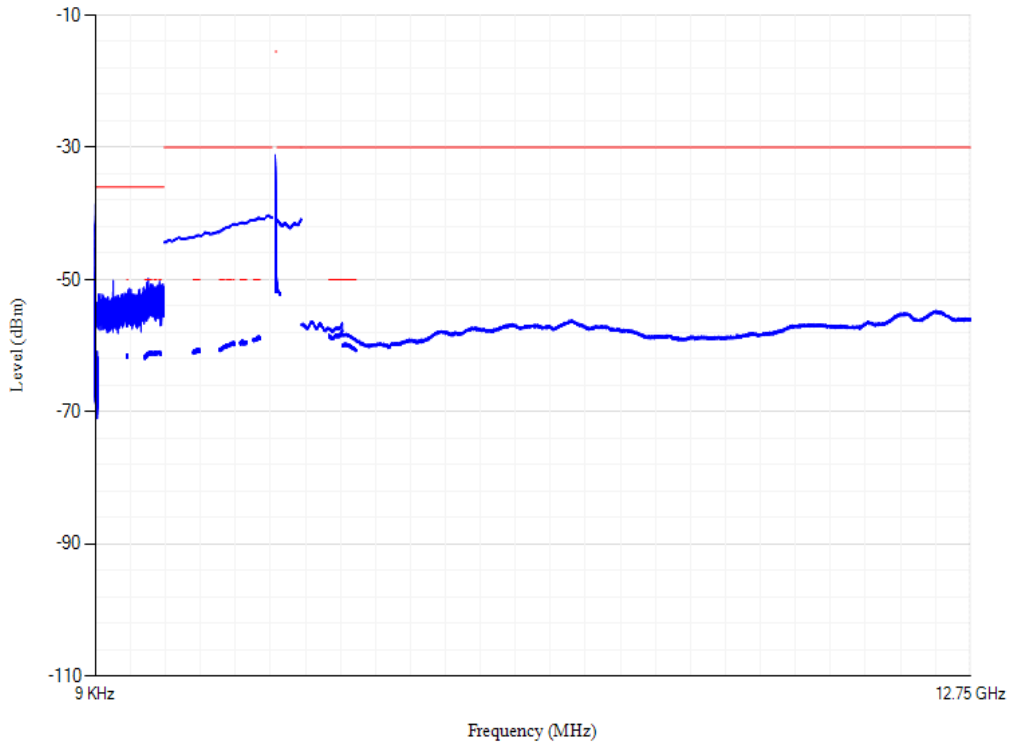
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Conducted spurious emissions



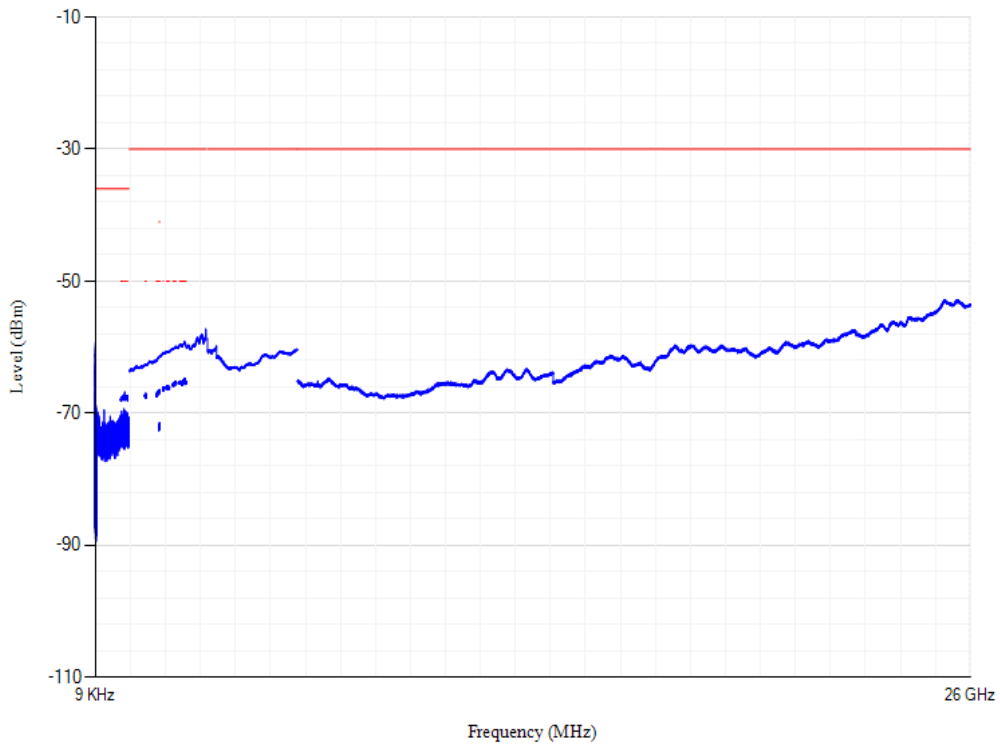
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Conducted spurious emissions



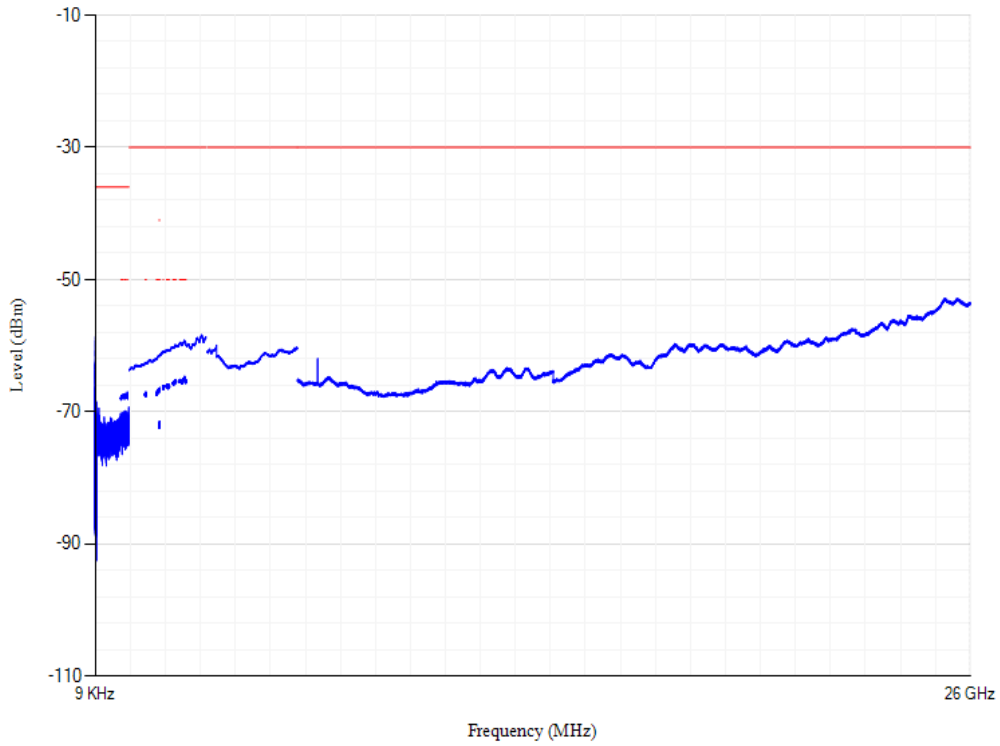
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=24@0

Conducted spurious emissions



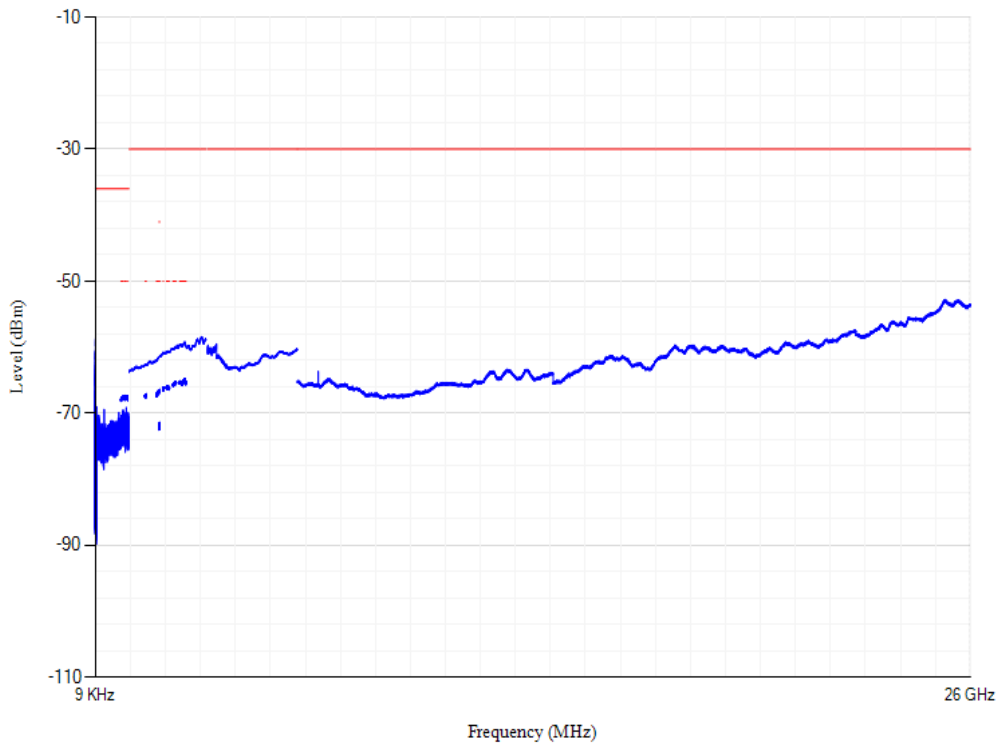
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@0

Conducted spurious emissions



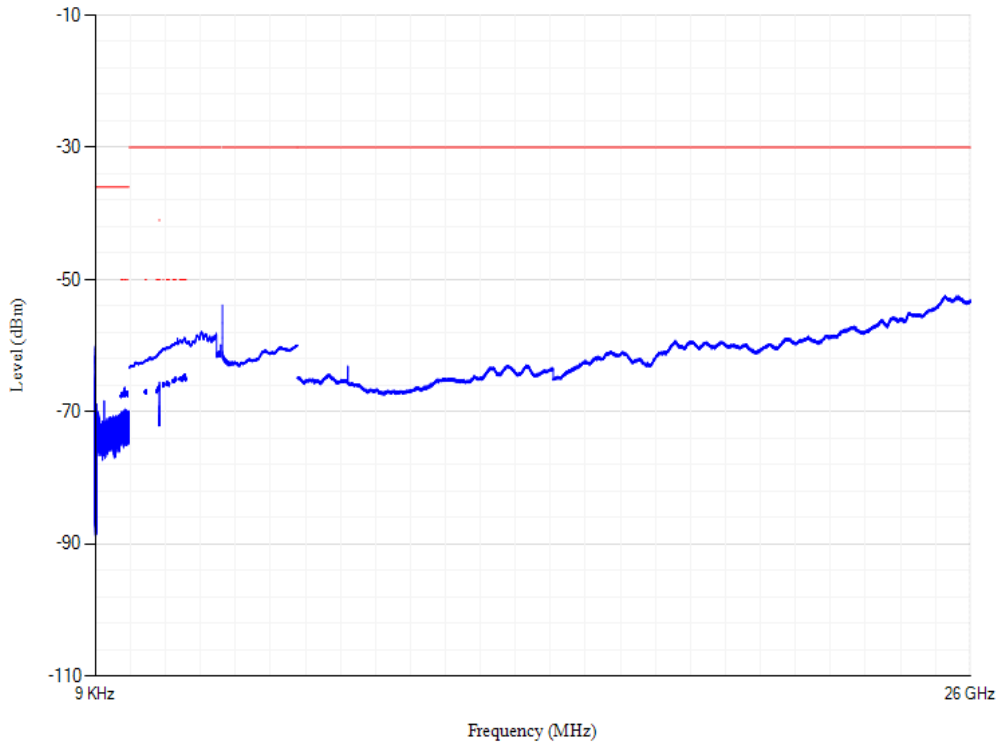
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@23

Conducted spurious emissions



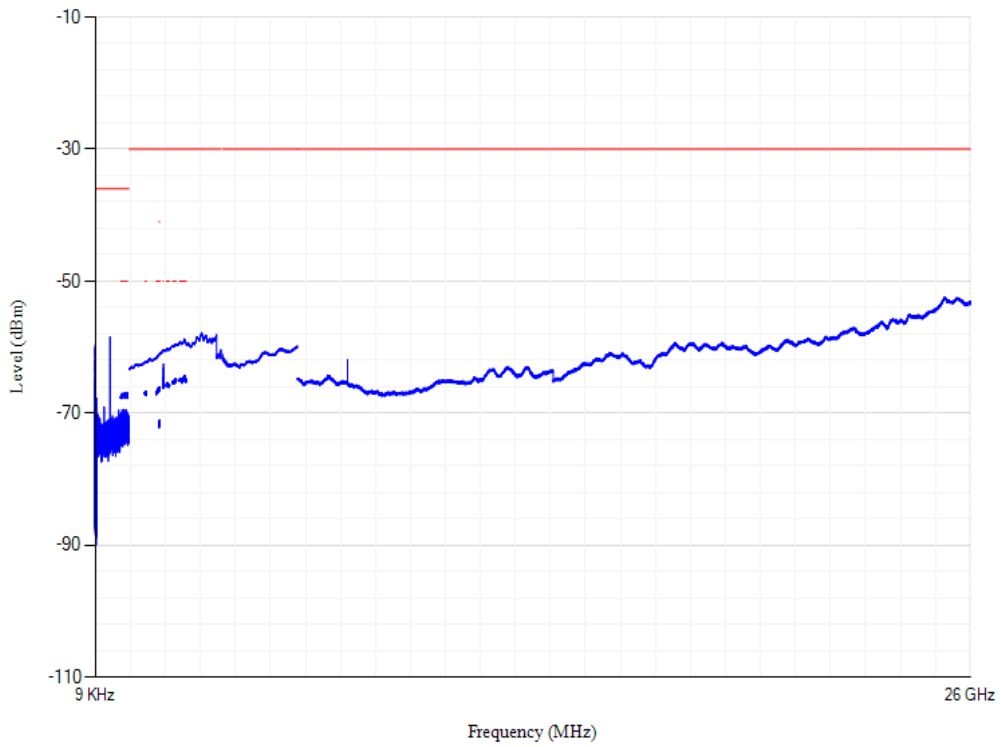
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=650000 RB=24@0

Conducted spurious emissions



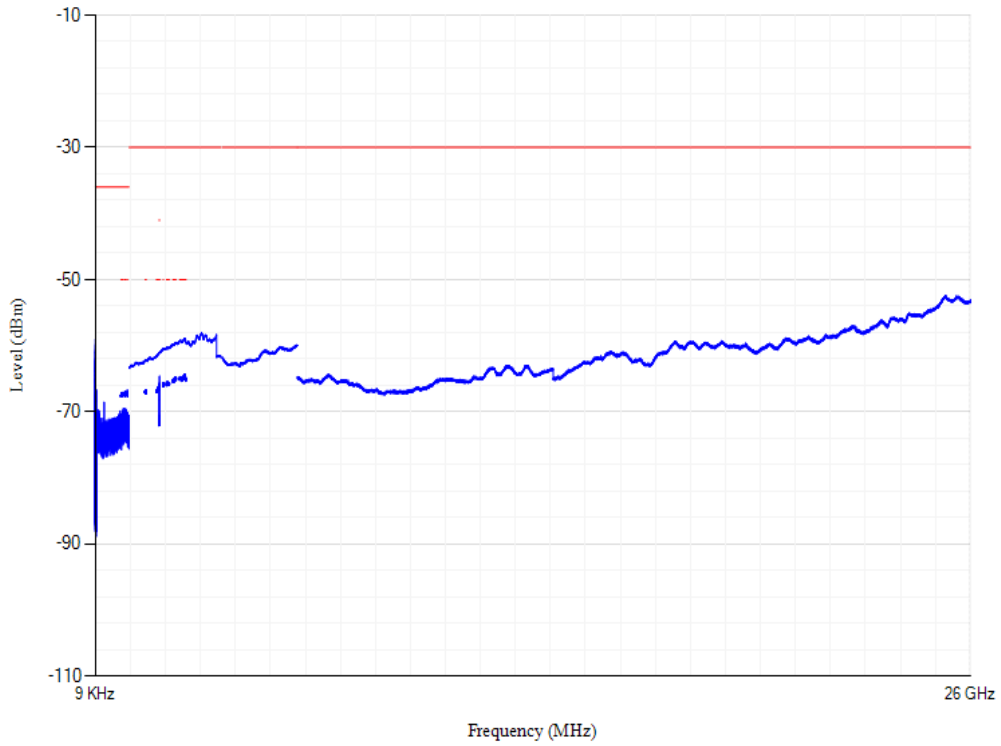
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Conducted spurious emissions



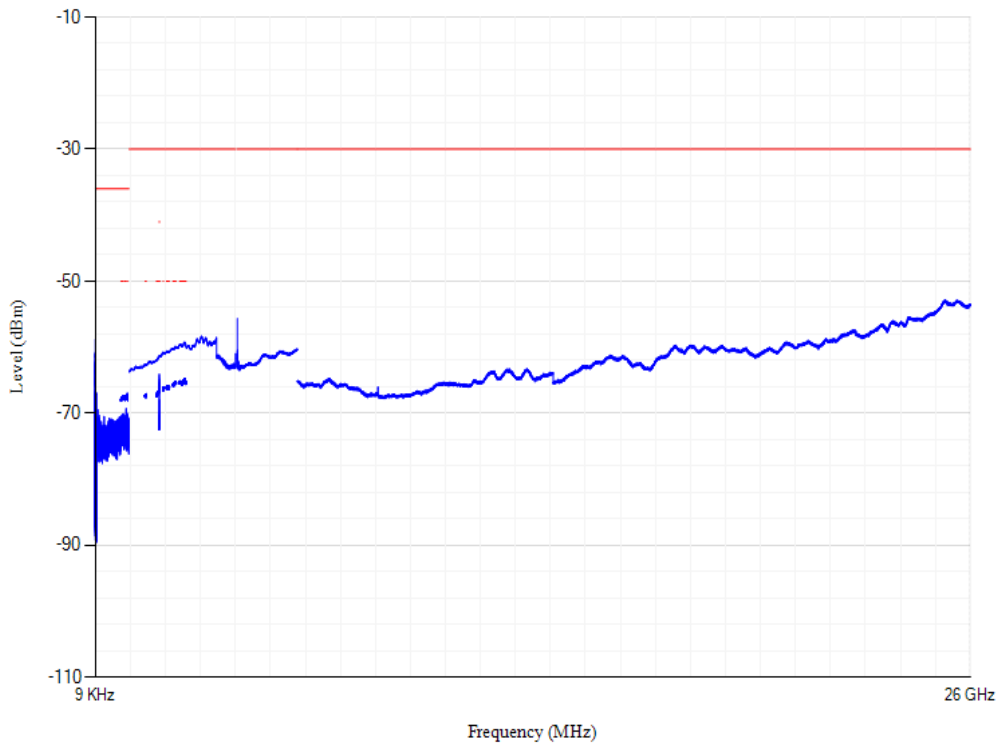
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Conducted spurious emissions



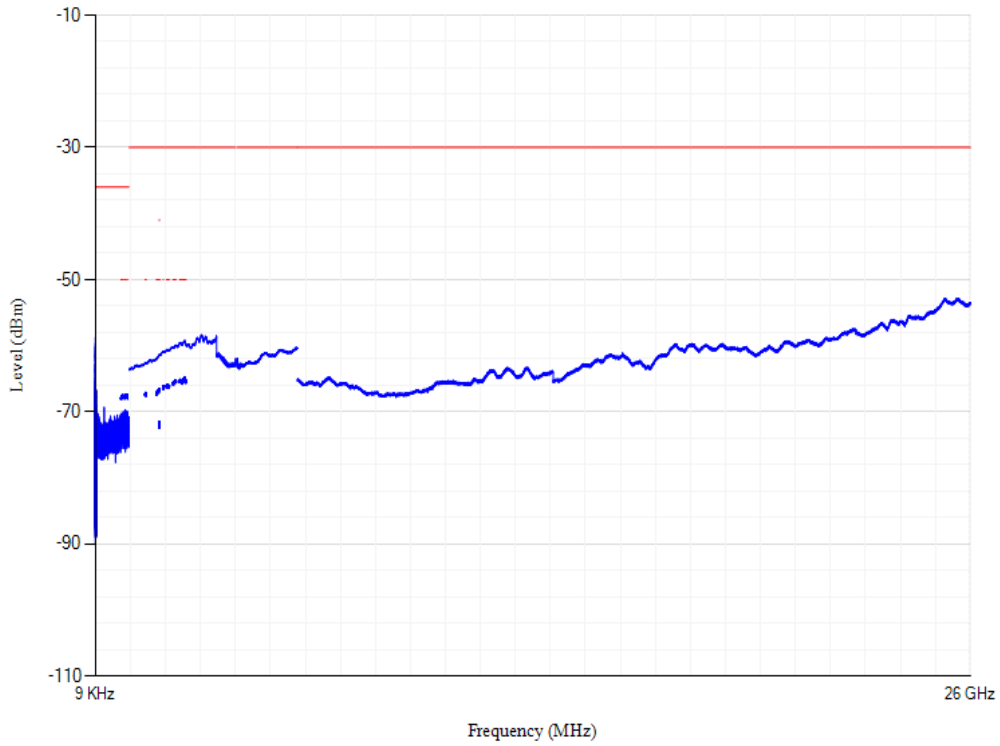
n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=24@0

Conducted spurious emissions



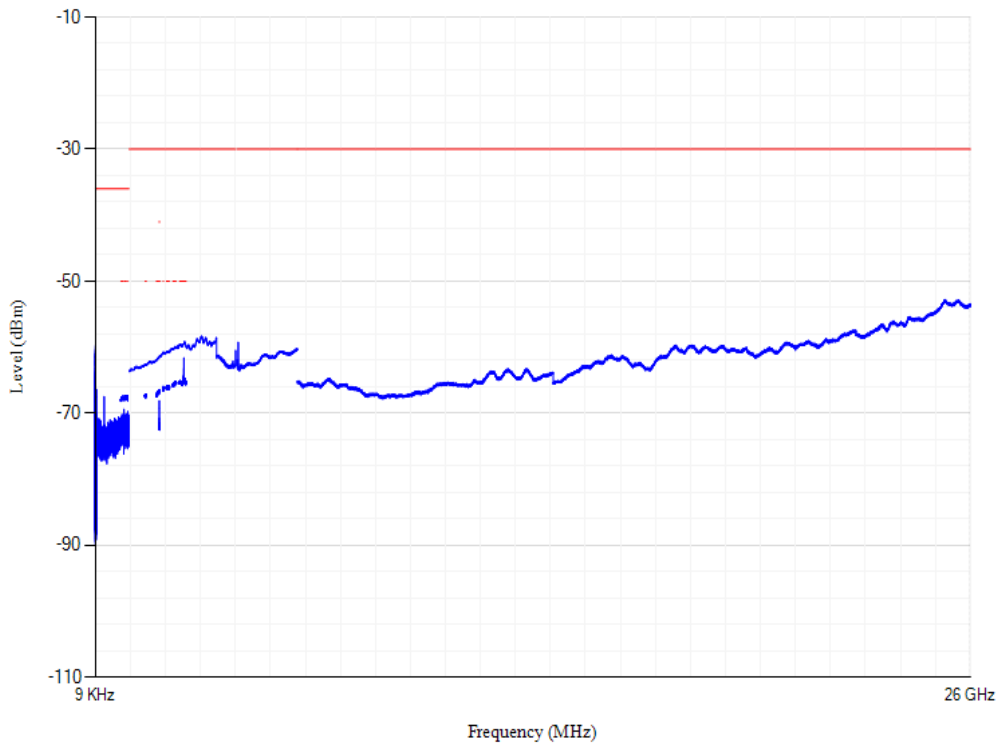
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Conducted spurious emissions



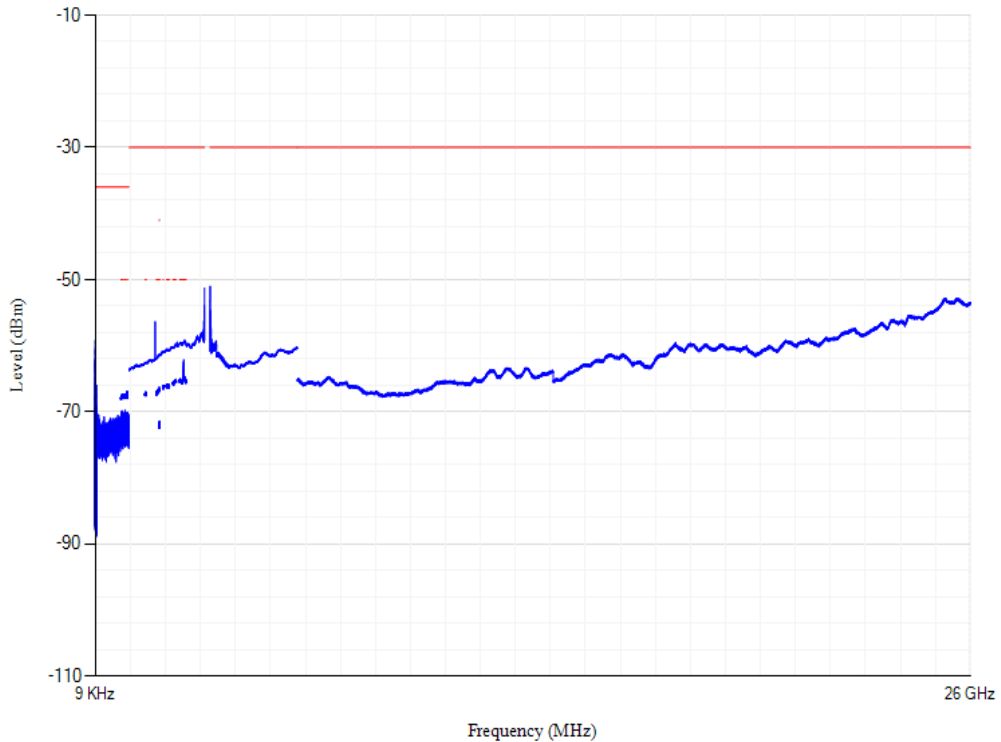
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Conducted spurious emissions



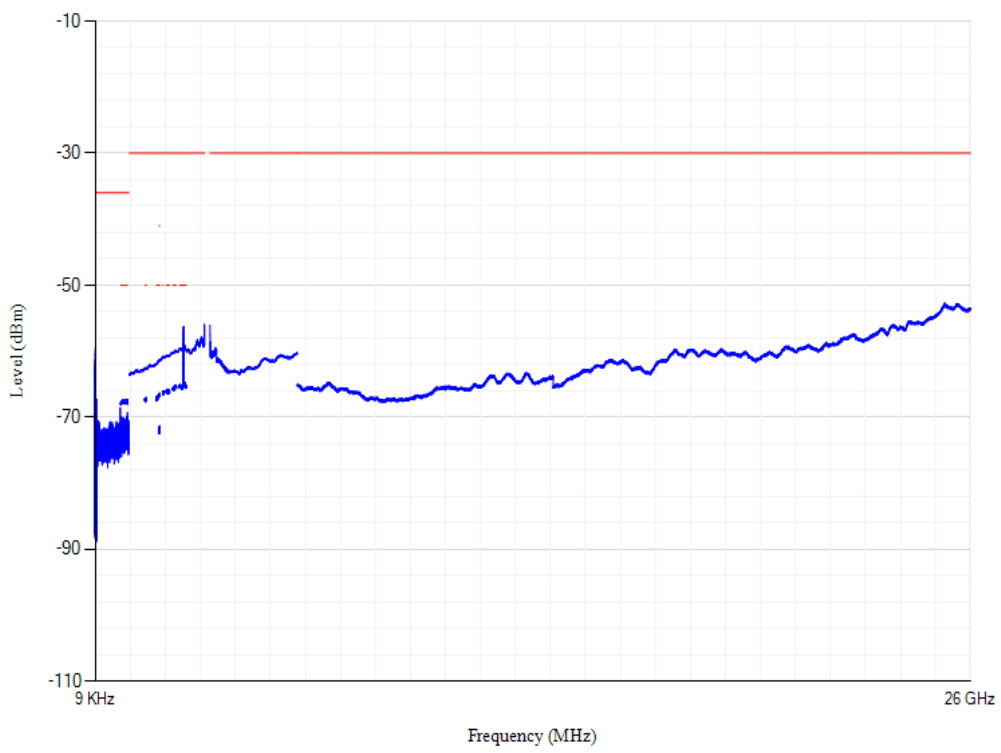
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=133@0

Conducted spurious emissions



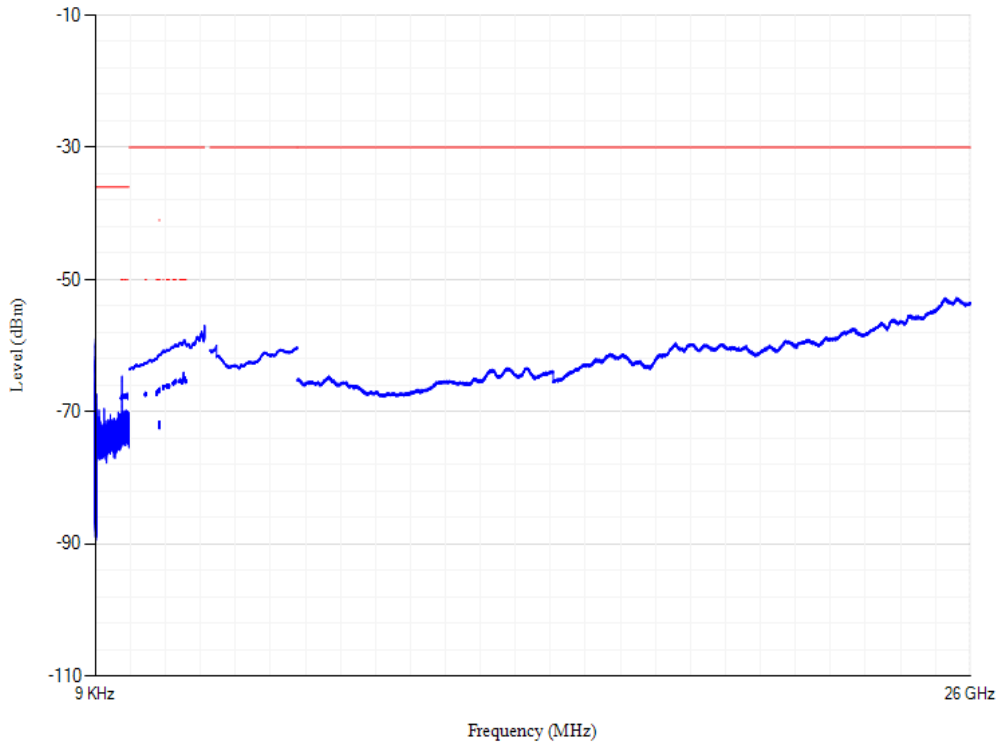
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Conducted spurious emissions



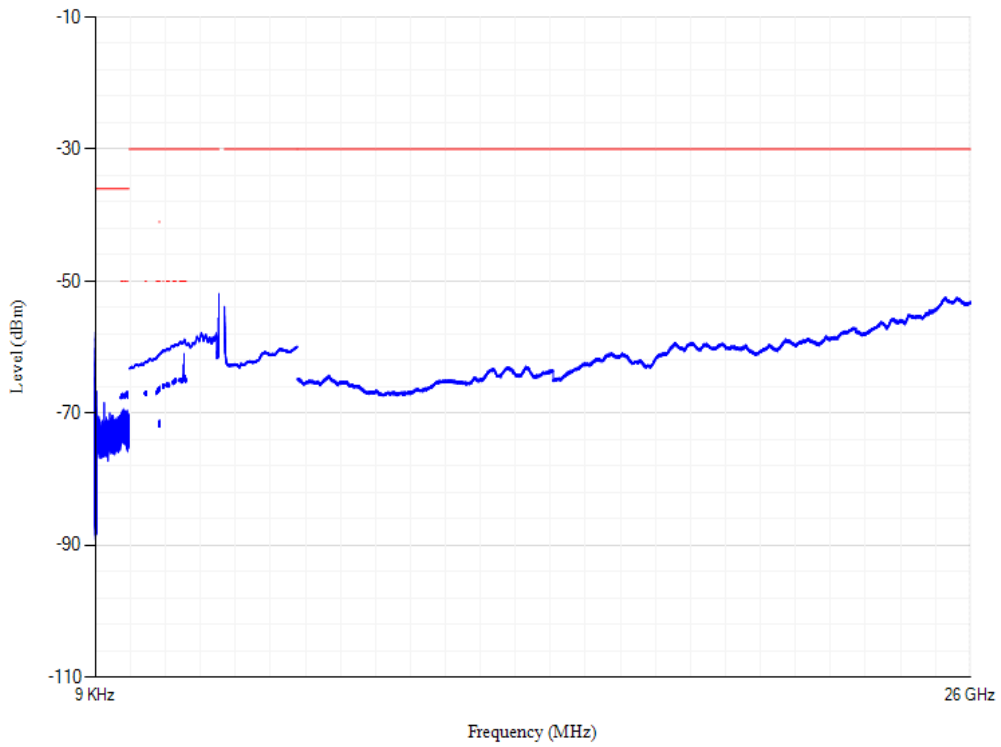
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=1@132

Conducted spurious emissions



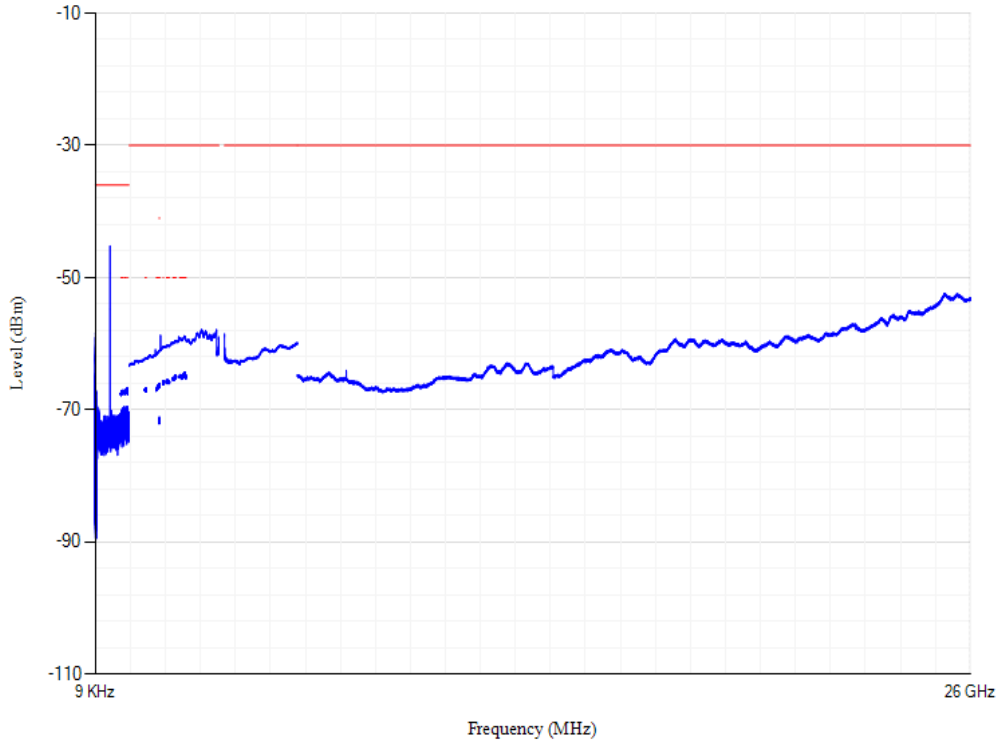
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=650000 RB=133@0

Conducted spurious emissions



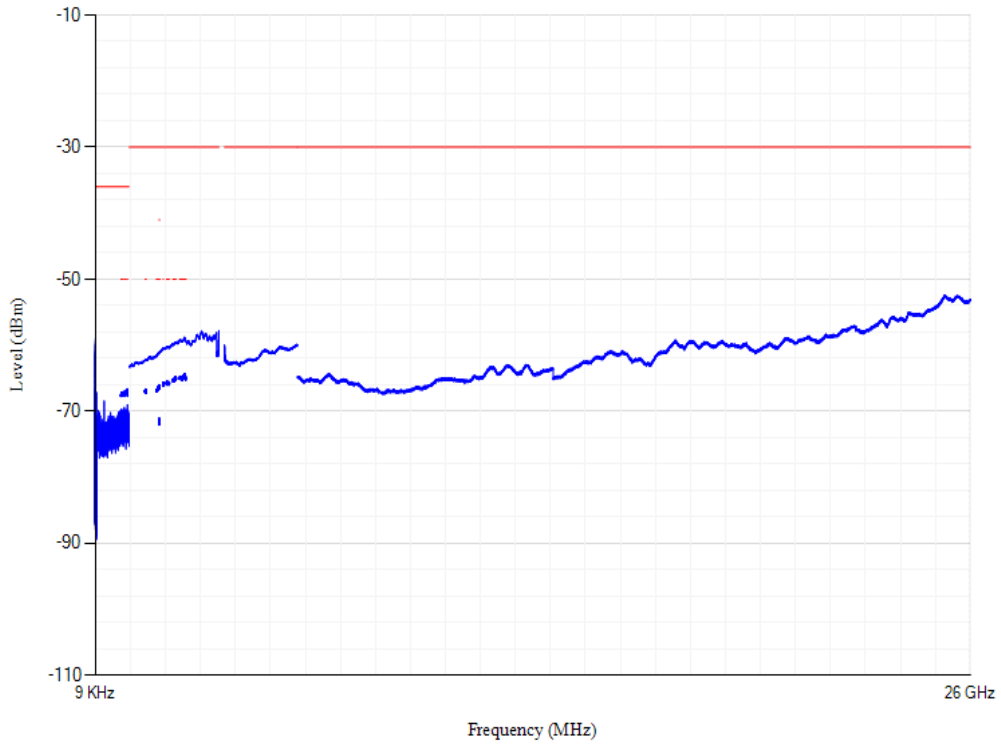
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=650000 RB=1@0

Conducted spurious emissions



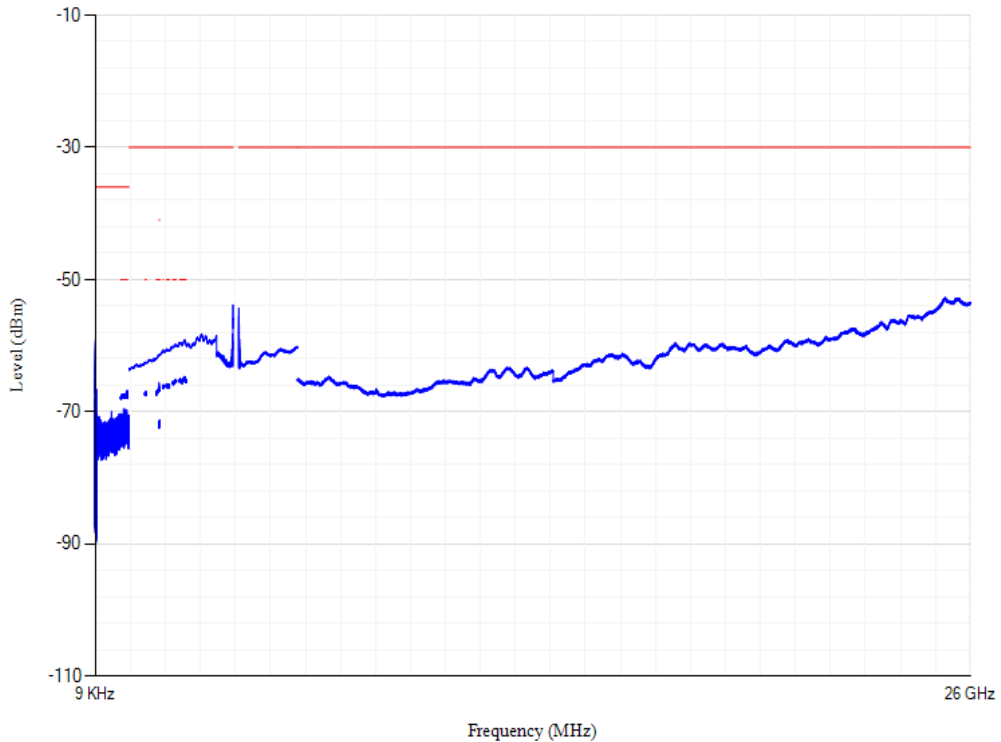
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Conducted spurious emissions



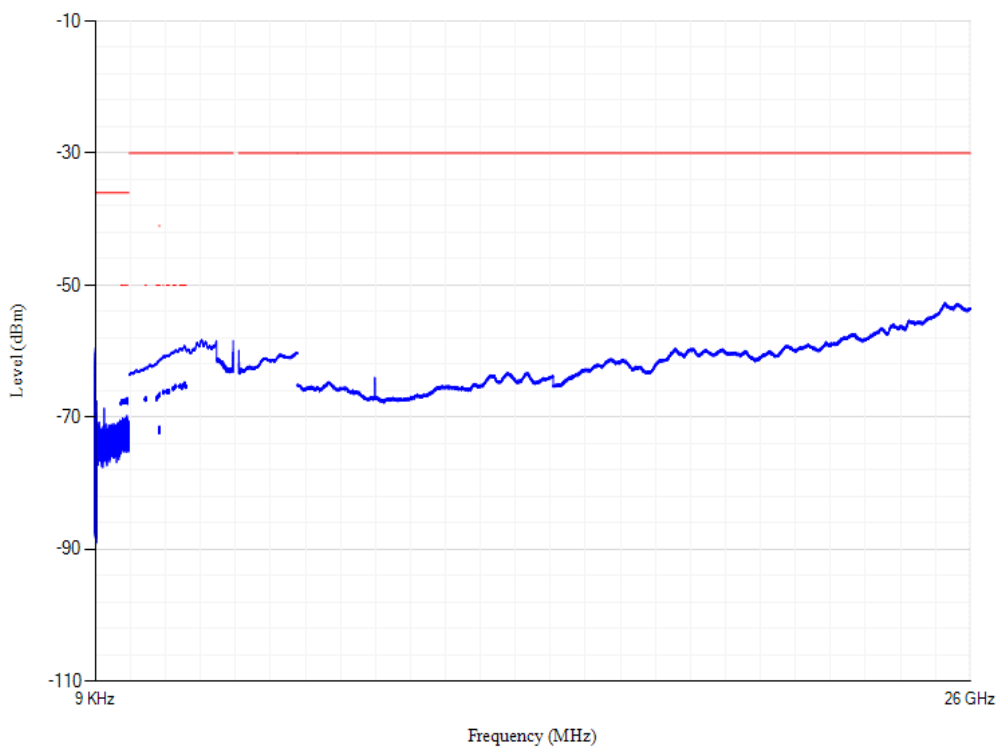
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Conducted spurious emissions



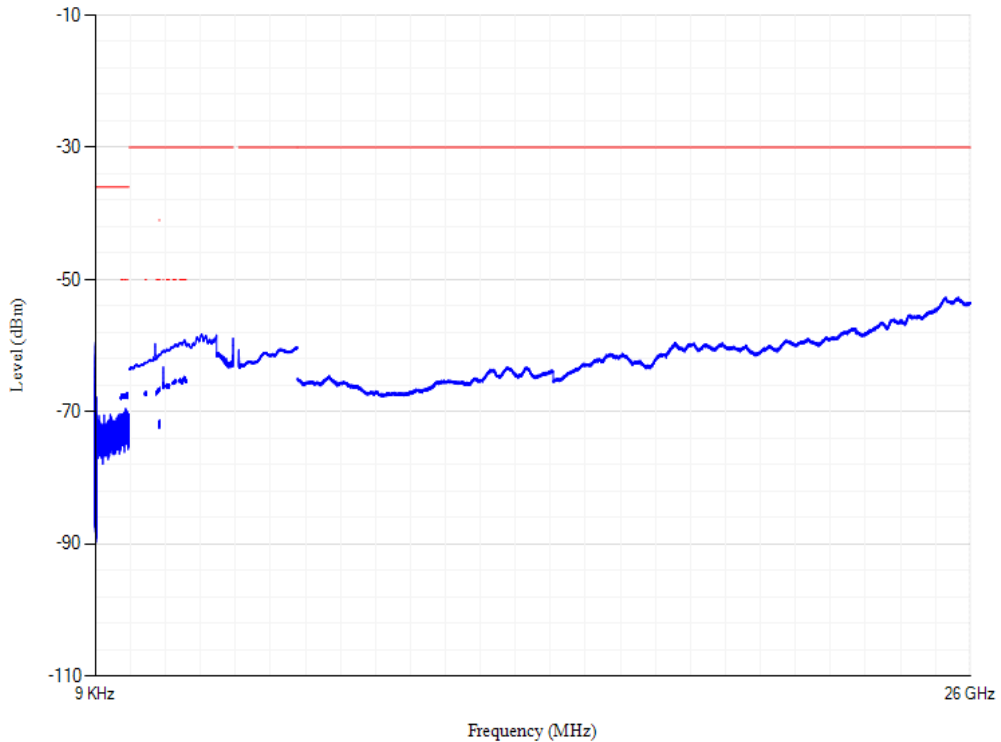
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Conducted spurious emissions



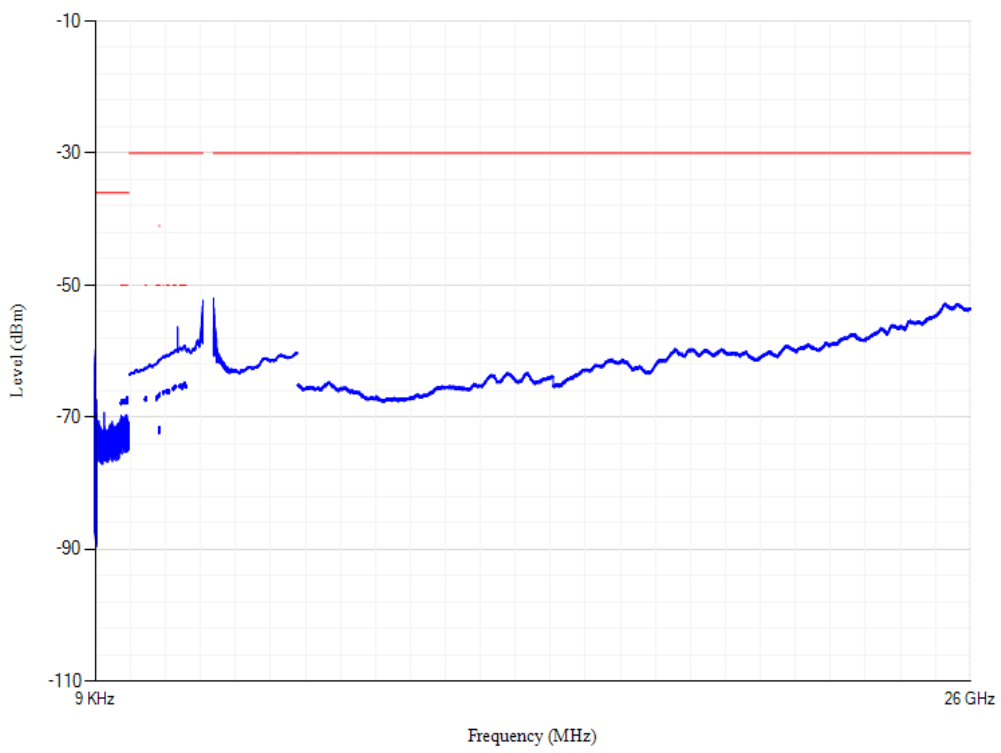
n77 SCS=30kHz CP_QPSK BW=50MHz Channel=678332 RB=1@132

Conducted spurious emissions



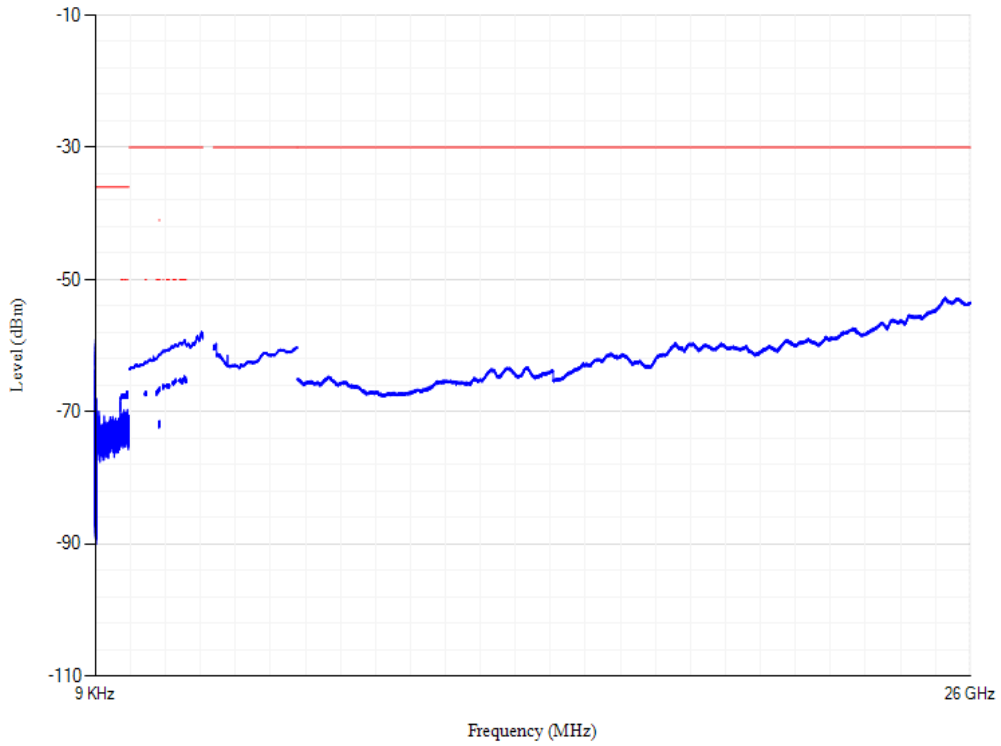
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=273@0

Conducted spurious emissions



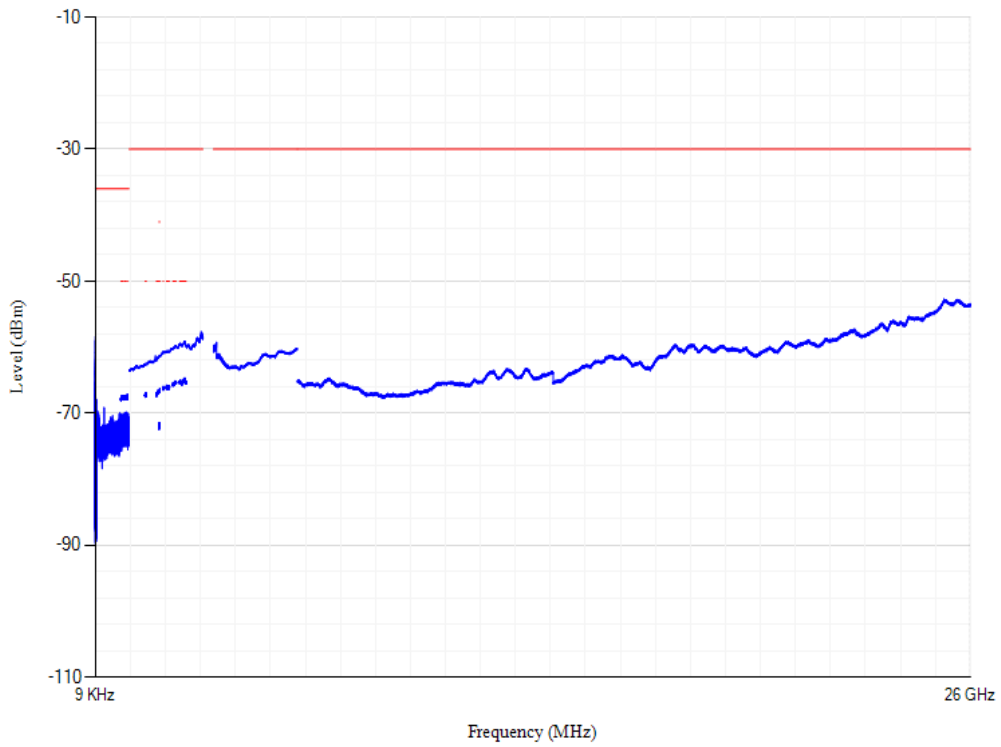
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@0

Conducted spurious emissions



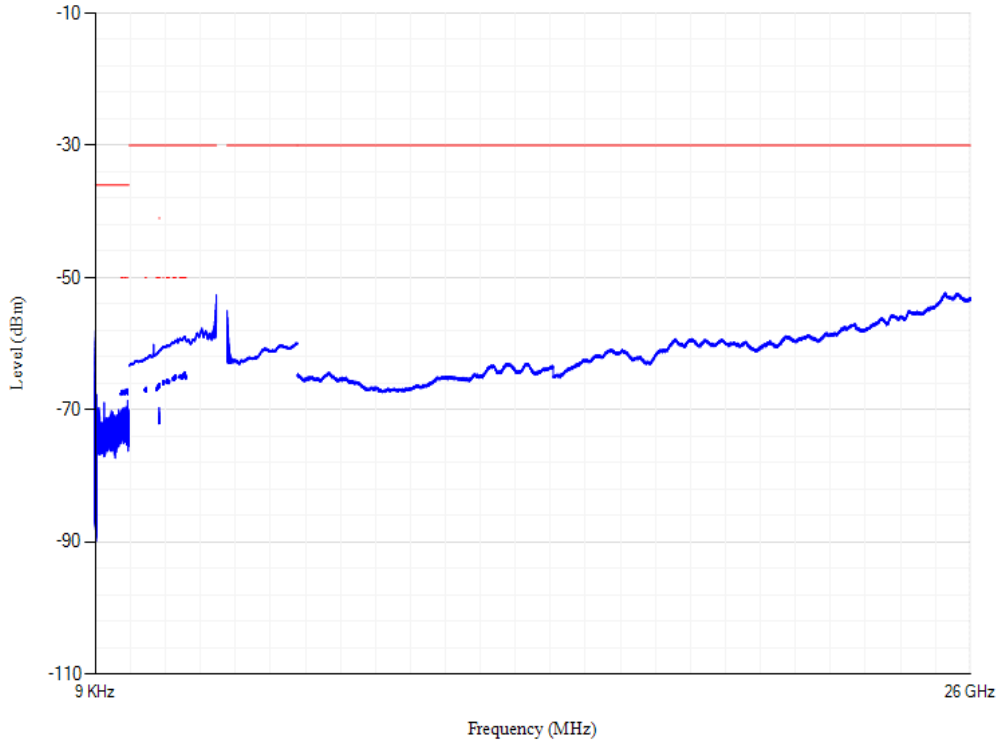
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@272

Conducted spurious emissions



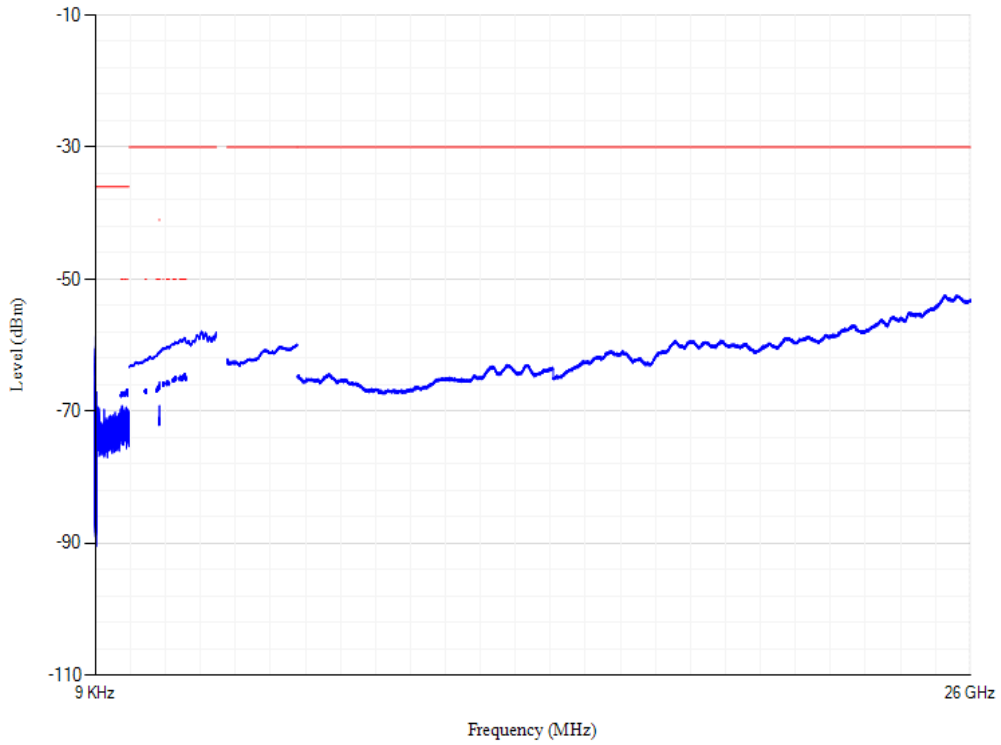
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=273@0

Conducted spurious emissions



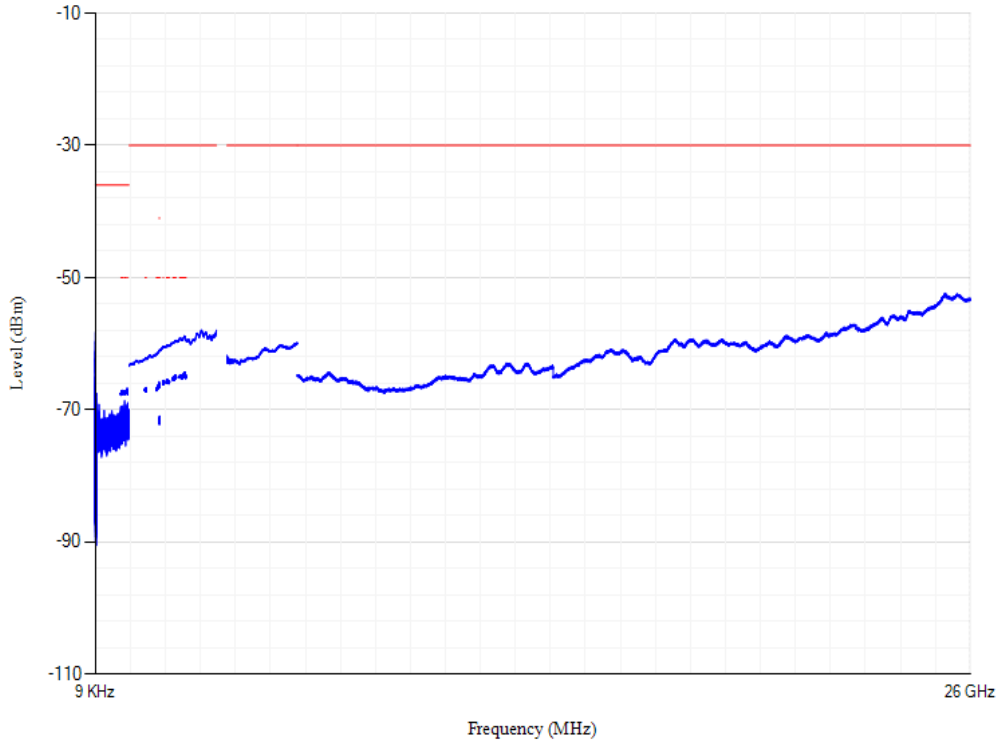
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Conducted spurious emissions



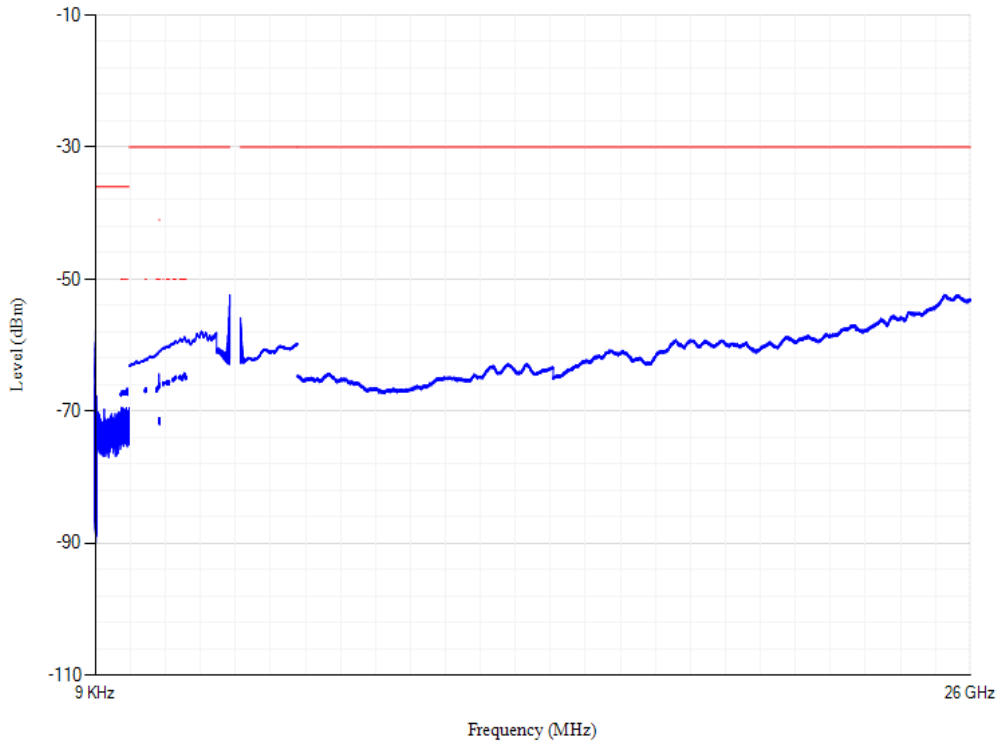
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Conducted spurious emissions



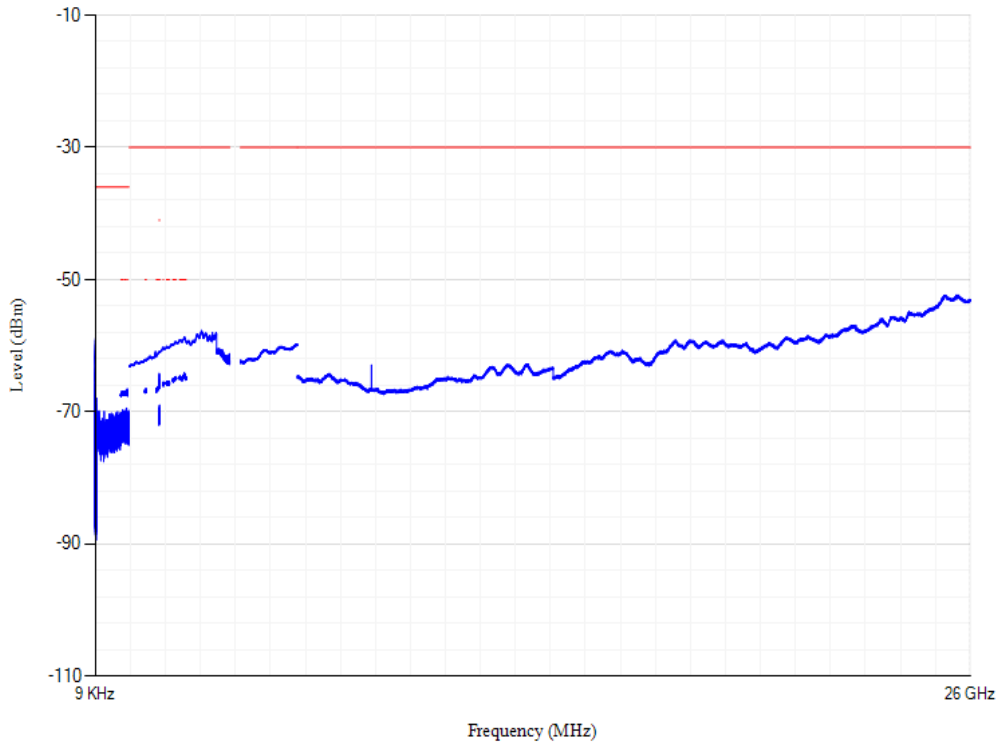
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=273@0

Conducted spurious emissions



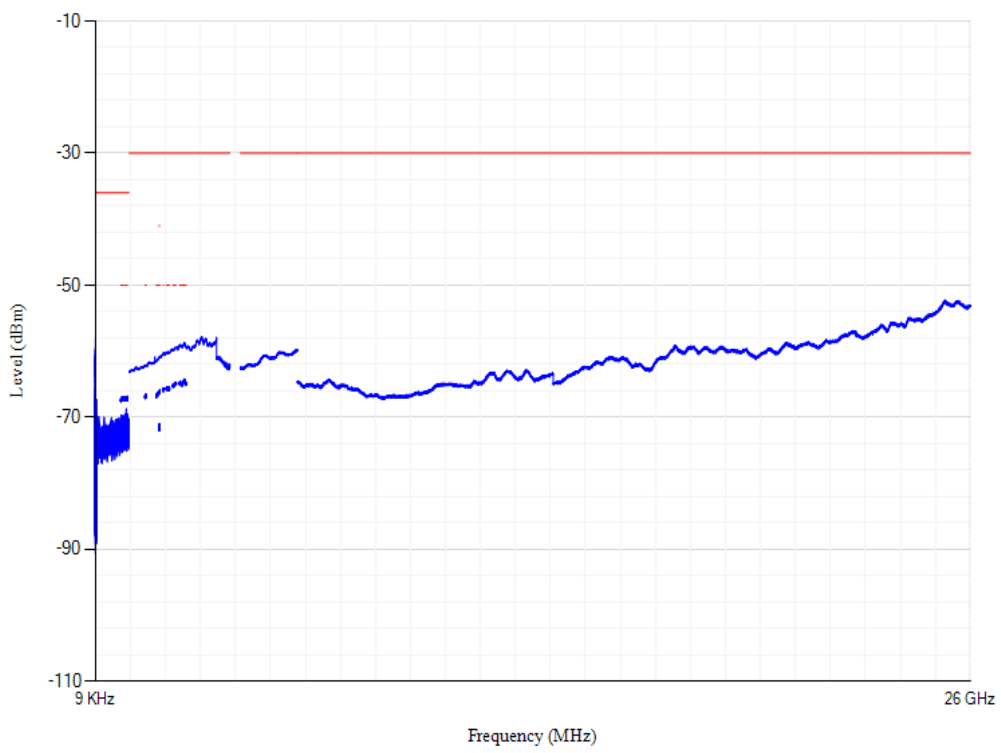
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=1@0

Conducted spurious emissions



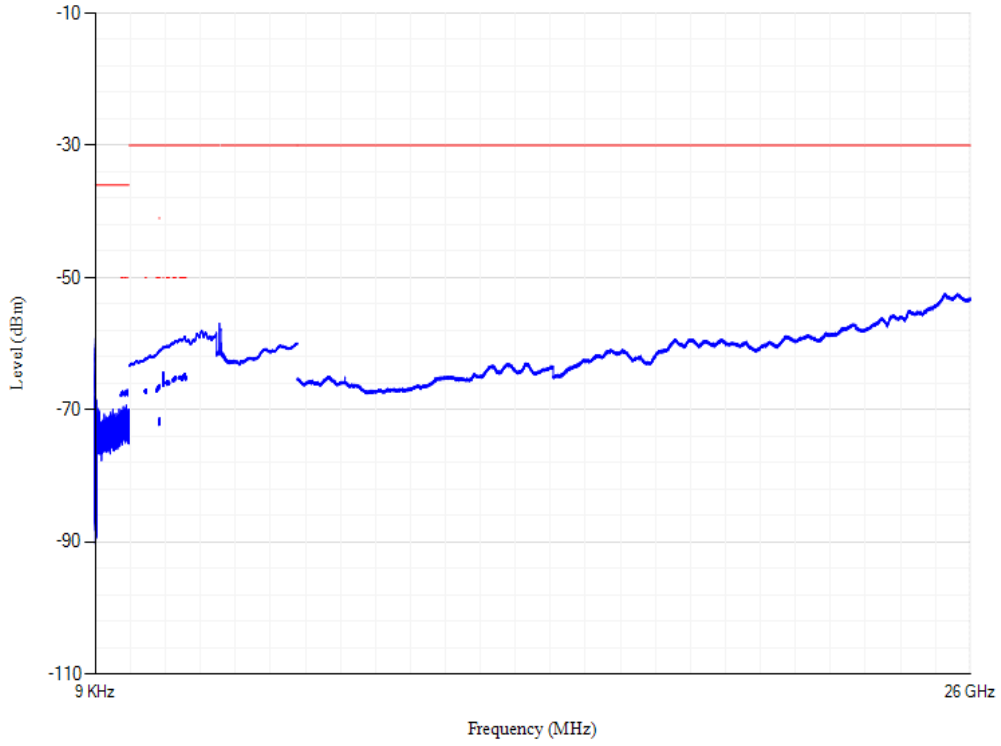
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=676666 RB=1@272

Conducted spurious emissions



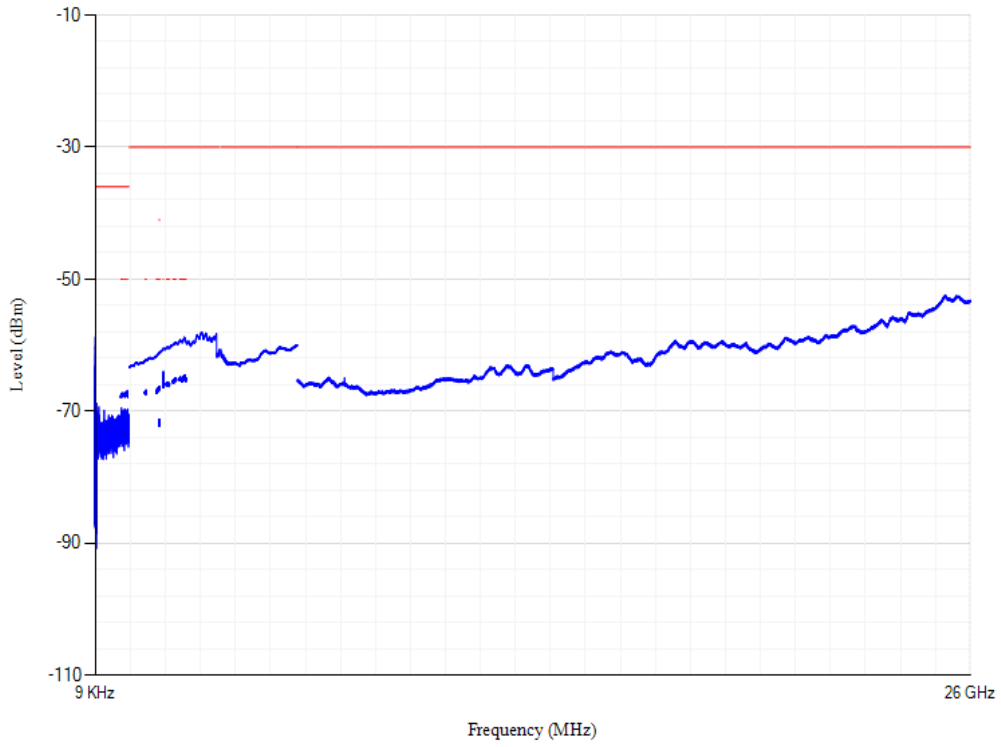
n78 SCS=30kHz CP_QPSK BW=10MHz Channel=647000 RB=24@0

Conducted spurious emissions



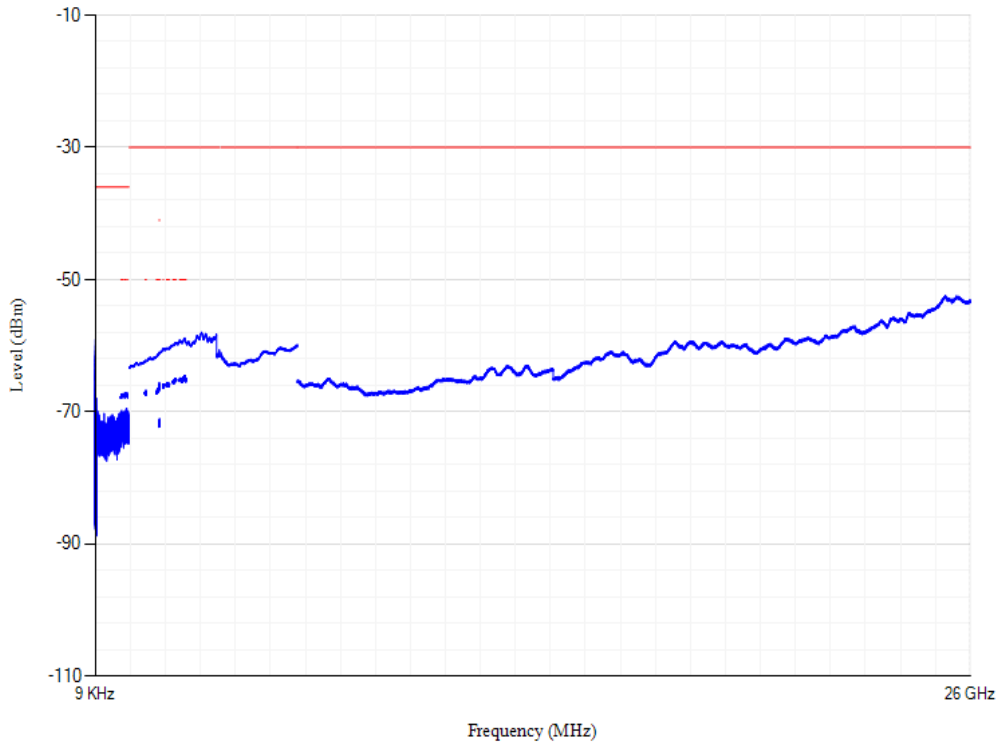
n78 SCS=30kHz CP_QPSK BW=10MHz Channel=647000 RB=1@0

Conducted spurious emissions



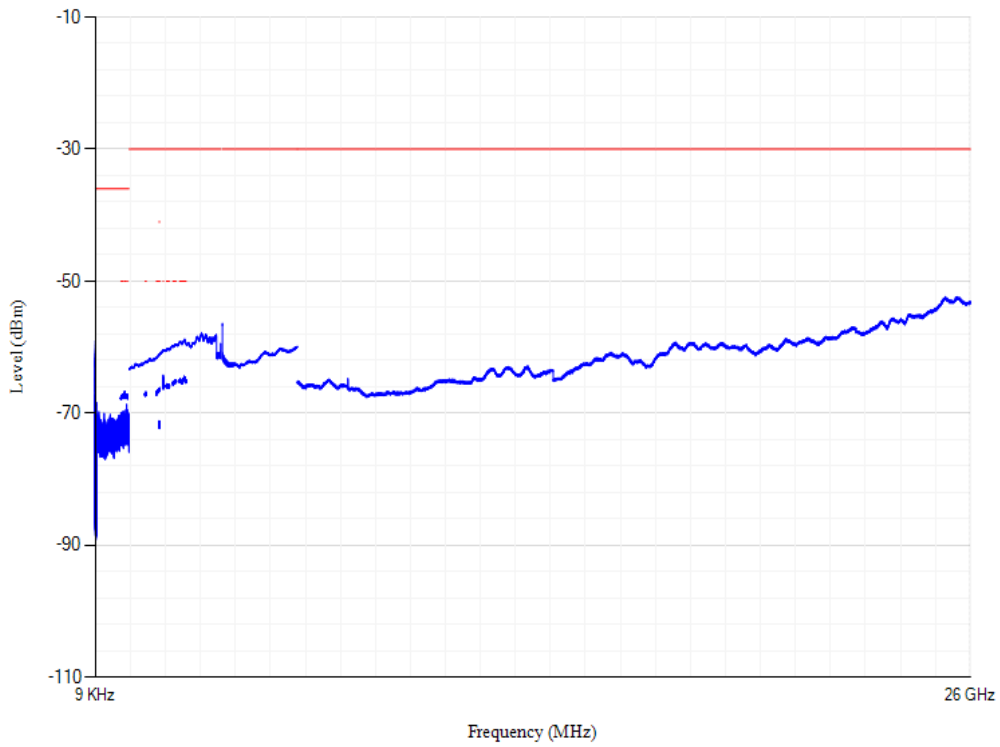
n78 SCS=30kHz CP_QPSK BW=10MHz Channel=647000 RB=1@23

Conducted spurious emissions



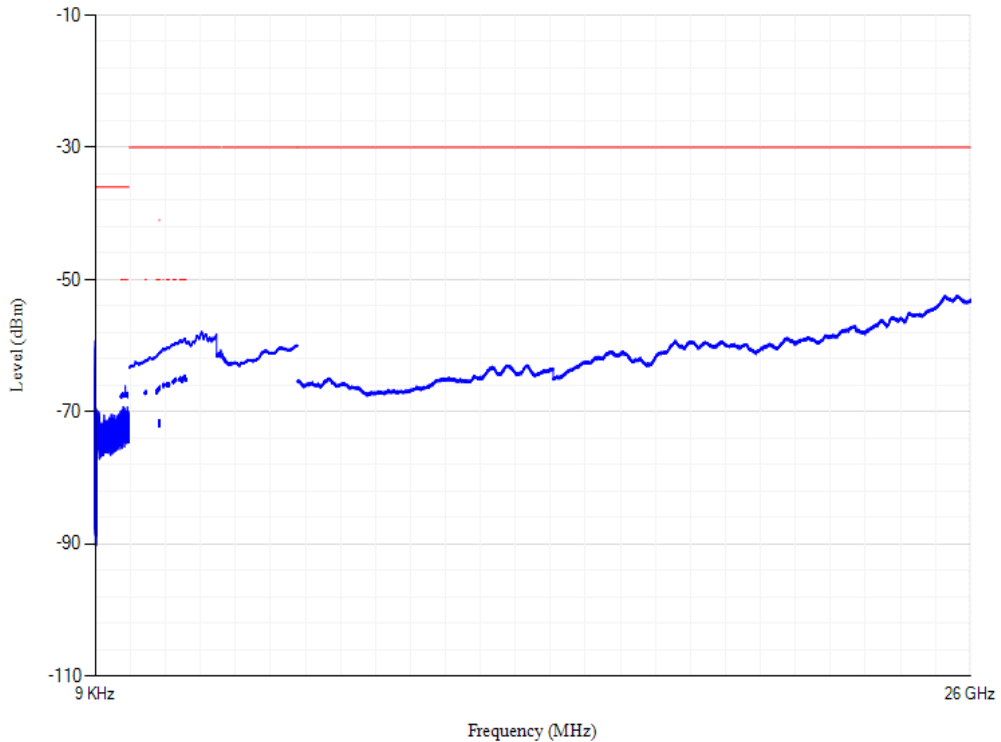
n78 SCS=30kHz CP_QPSK BW=10MHz Channel=650000 RB=24@0

Conducted spurious emissions



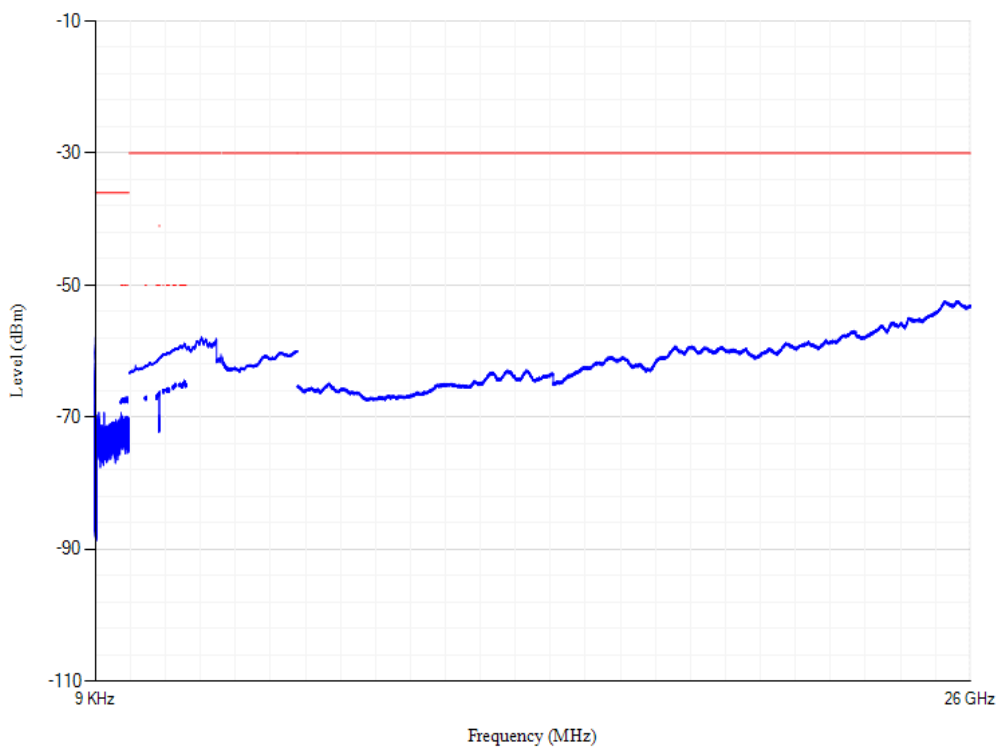
n78 SCS=30kHz CP_QPSK BW=10MHz Channel=650000 RB=1@0

Conducted spurious emissions



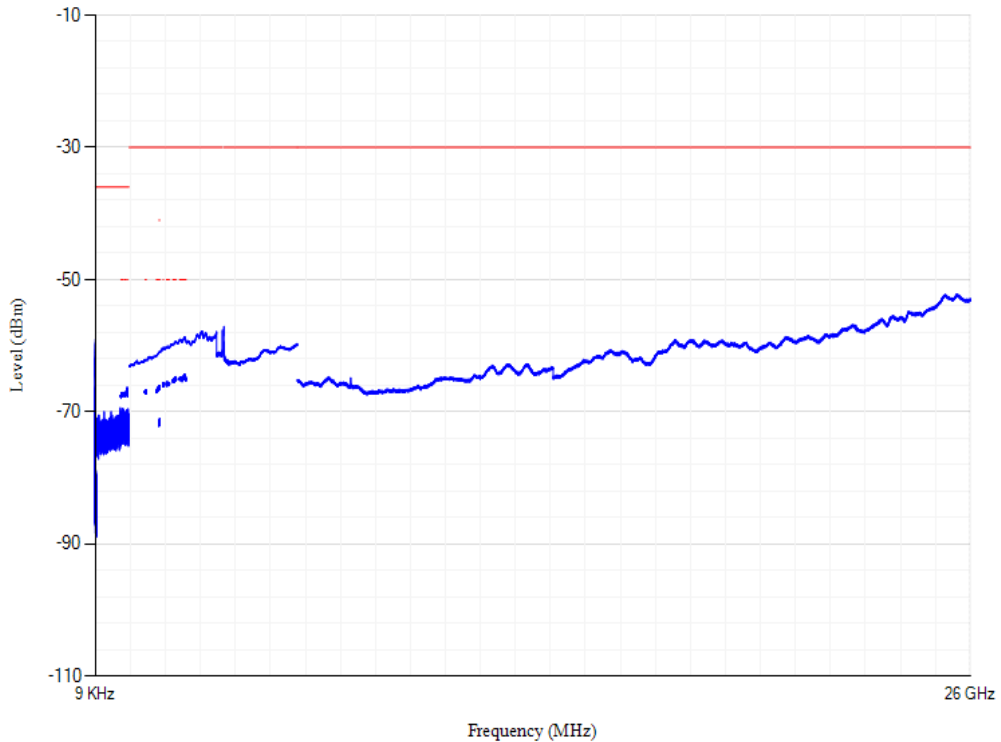
n78 SCS=30kHz CP_QPSK BW=10MHz Channel=650000 RB=1@23

Conducted spurious emissions



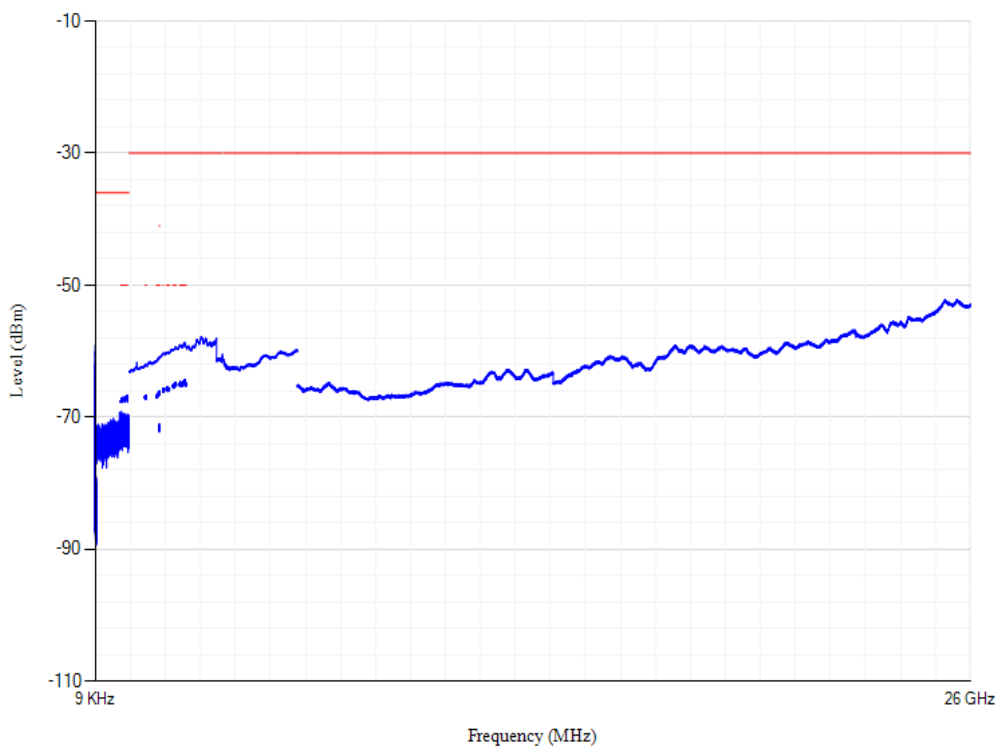
n78 SCS=30kHz CP_QPSK BW=10MHz Channel=653000 RB=24@0

Conducted spurious emissions



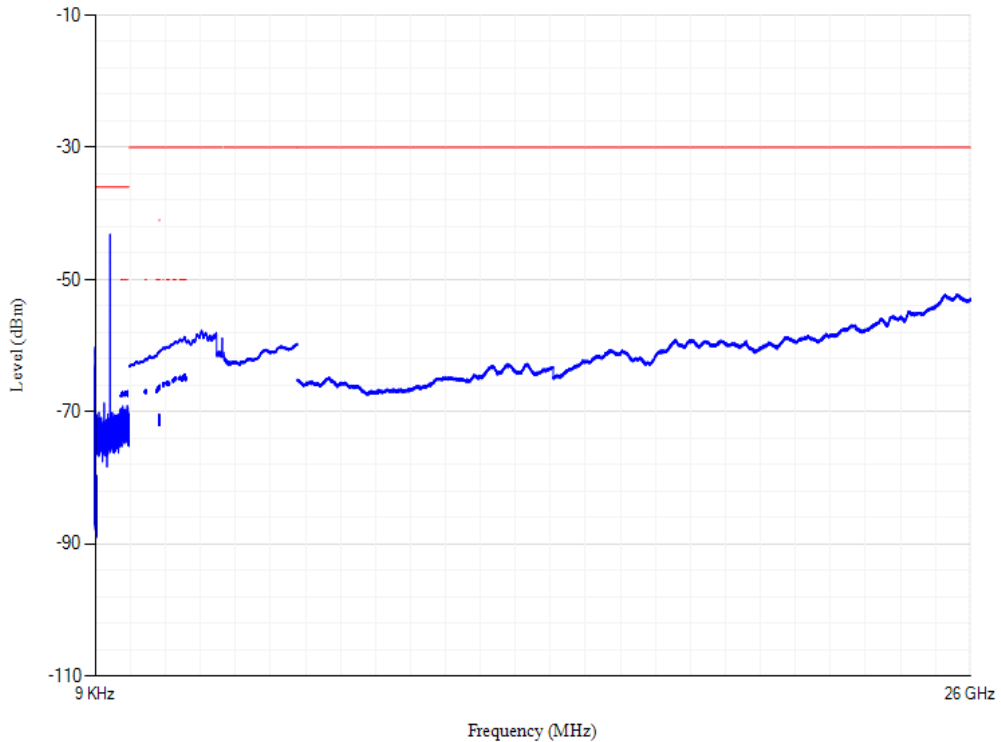
n78 SCS=30kHz CP_QPSK BW=10MHz Channel=653000 RB=1@0

Conducted spurious emissions



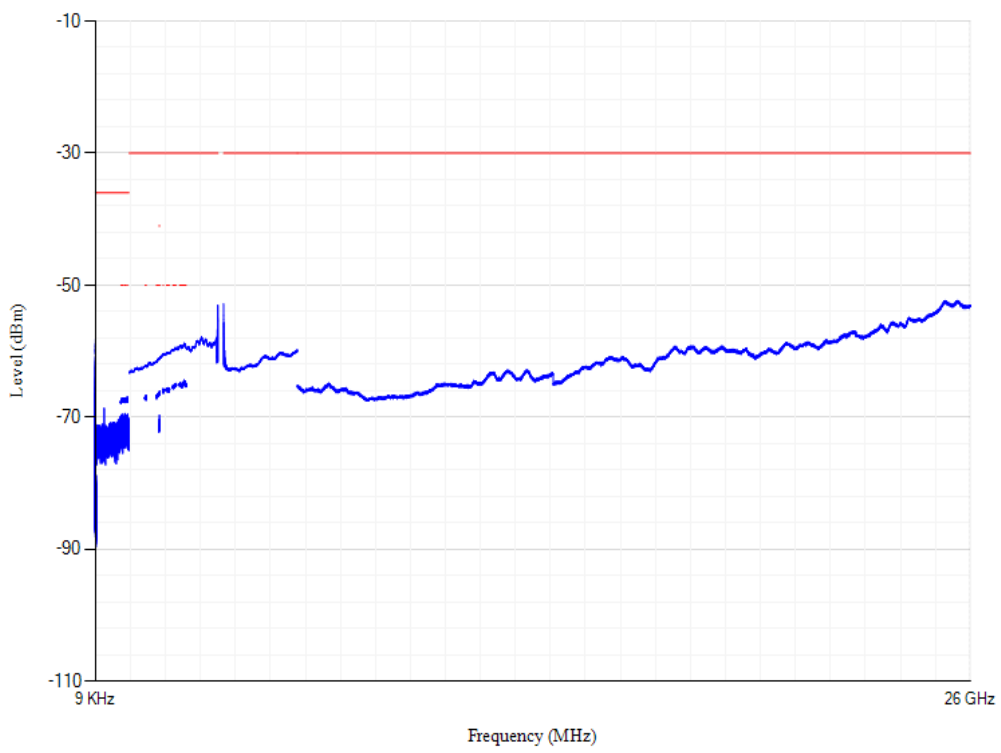
n78 SCS=30kHz CP_QPSK BW=10MHz Channel=653000 RB=1@23

Conducted spurious emissions



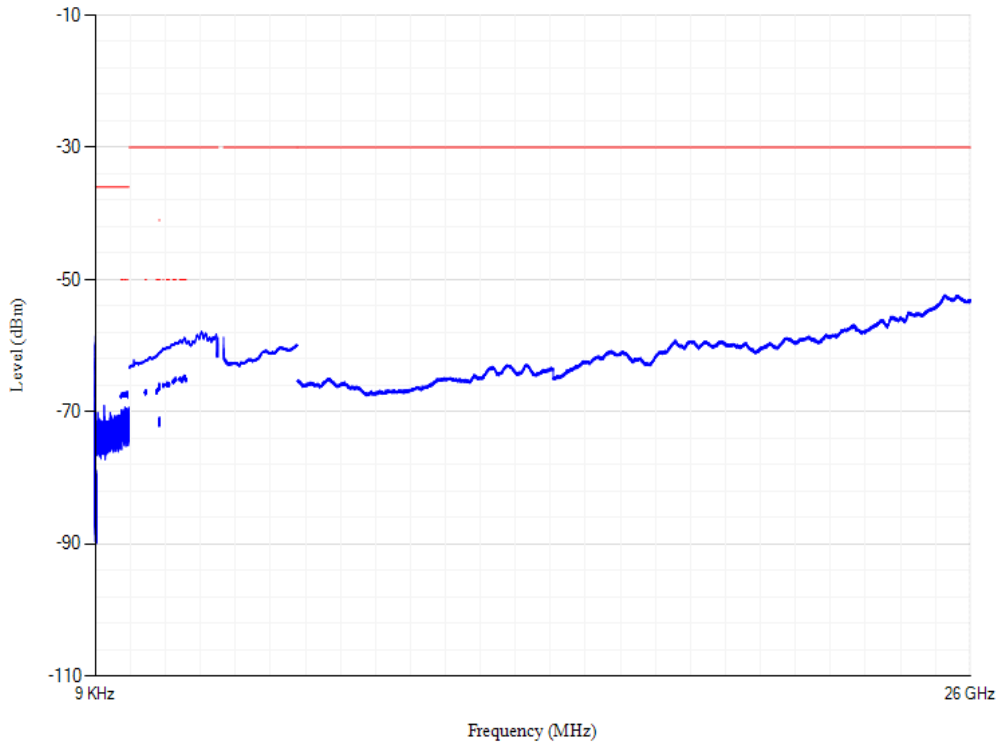
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=648333 RB=133@0

Conducted spurious emissions



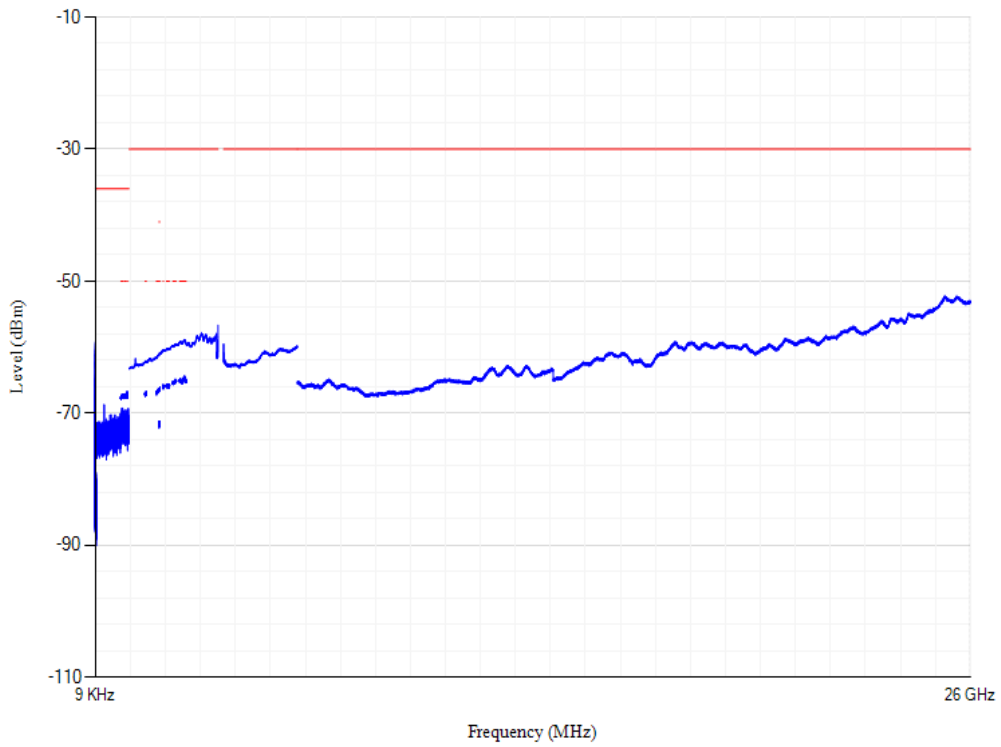
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=648333 RB=1@0

Conducted spurious emissions



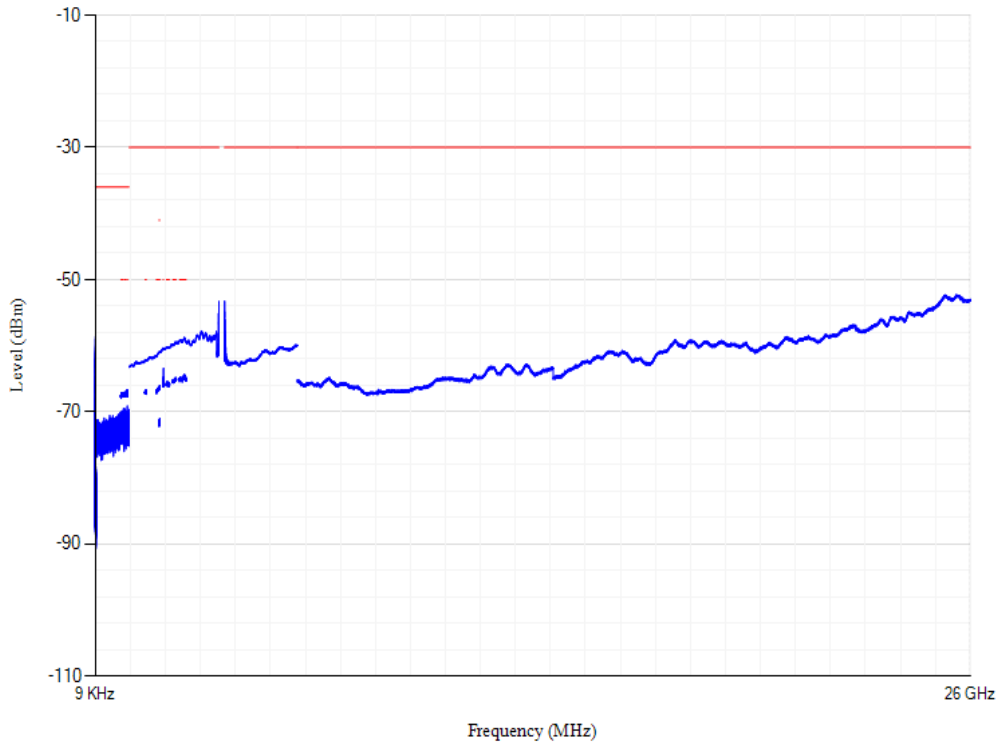
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=648333 RB=1@132

Conducted spurious emissions



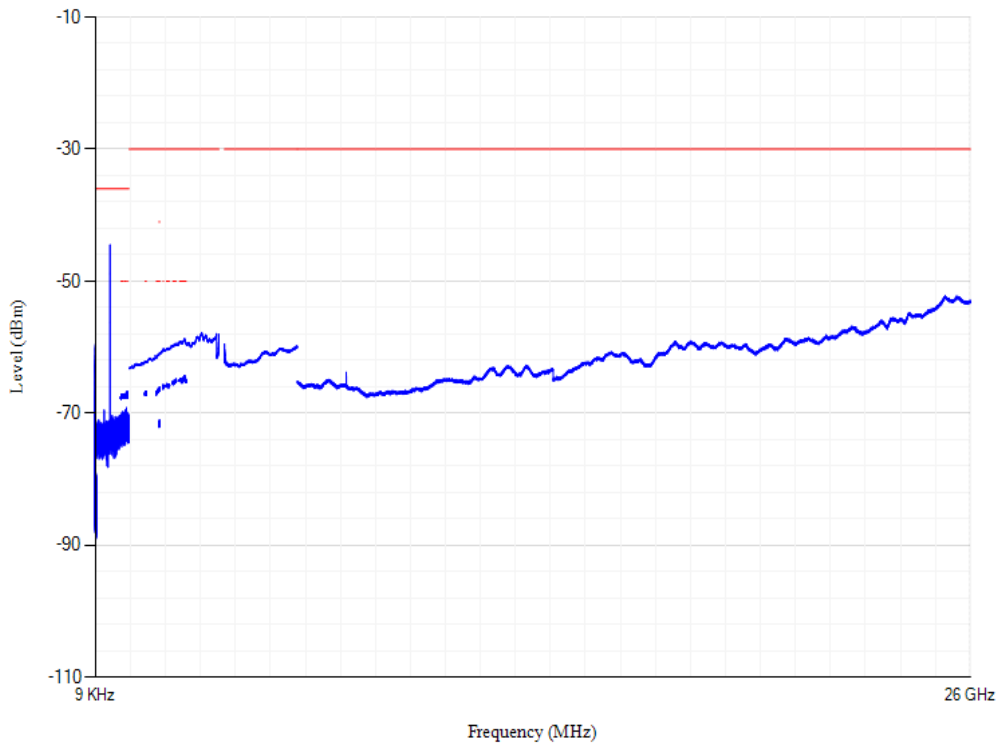
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=650000 RB=133@0

Conducted spurious emissions



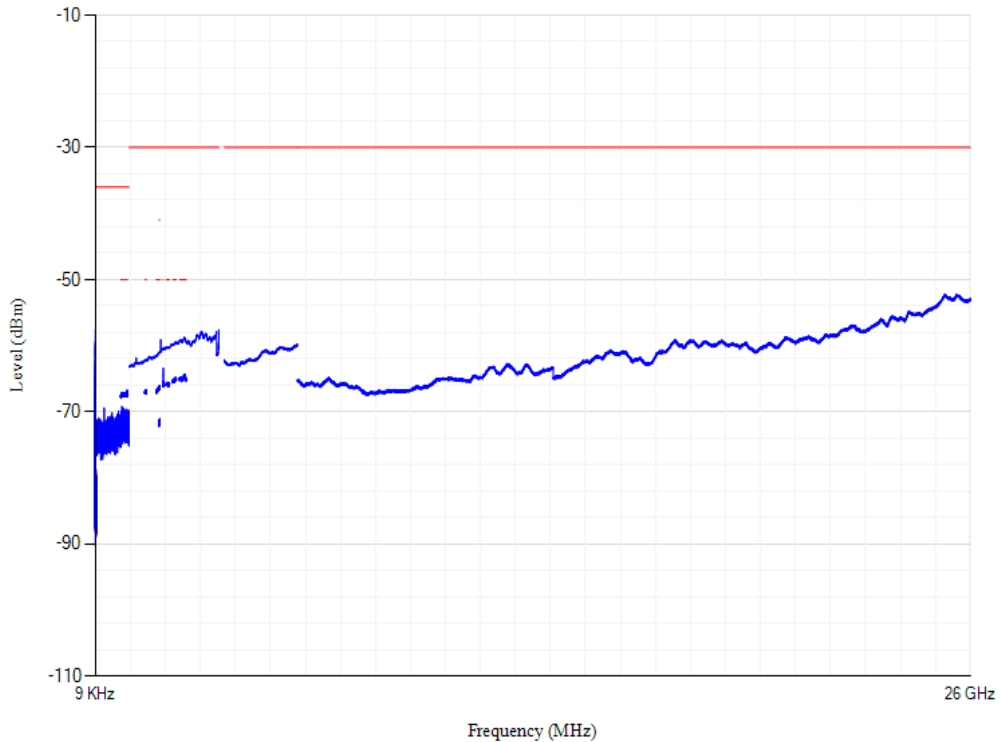
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=650000 RB=1@0

Conducted spurious emissions



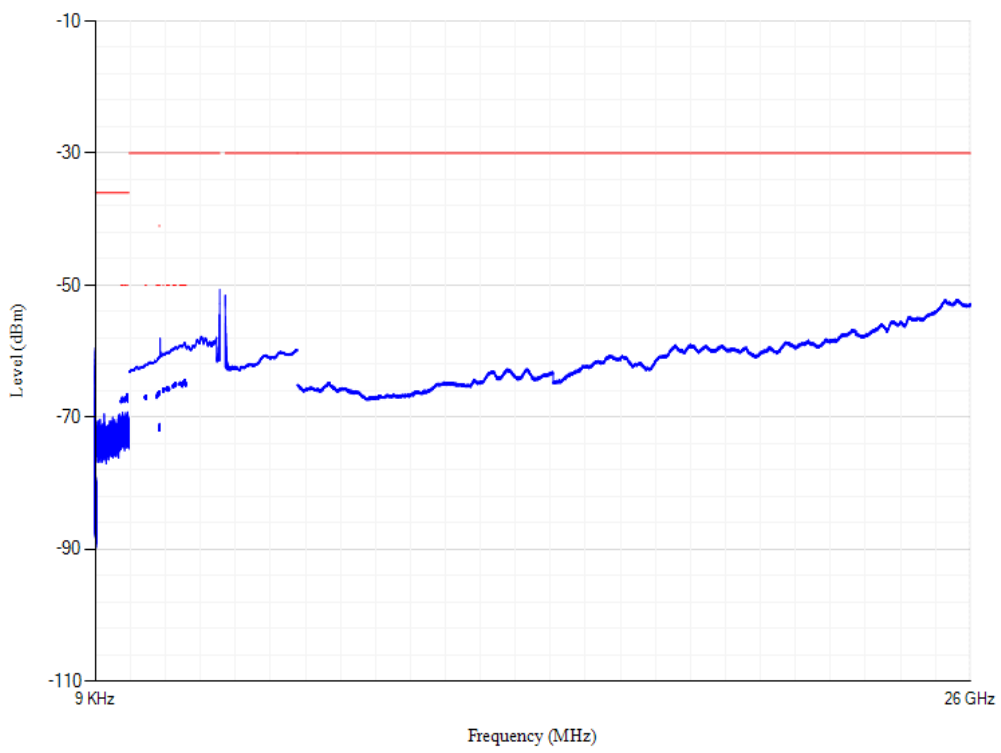
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=650000 RB=1@132

Conducted spurious emissions



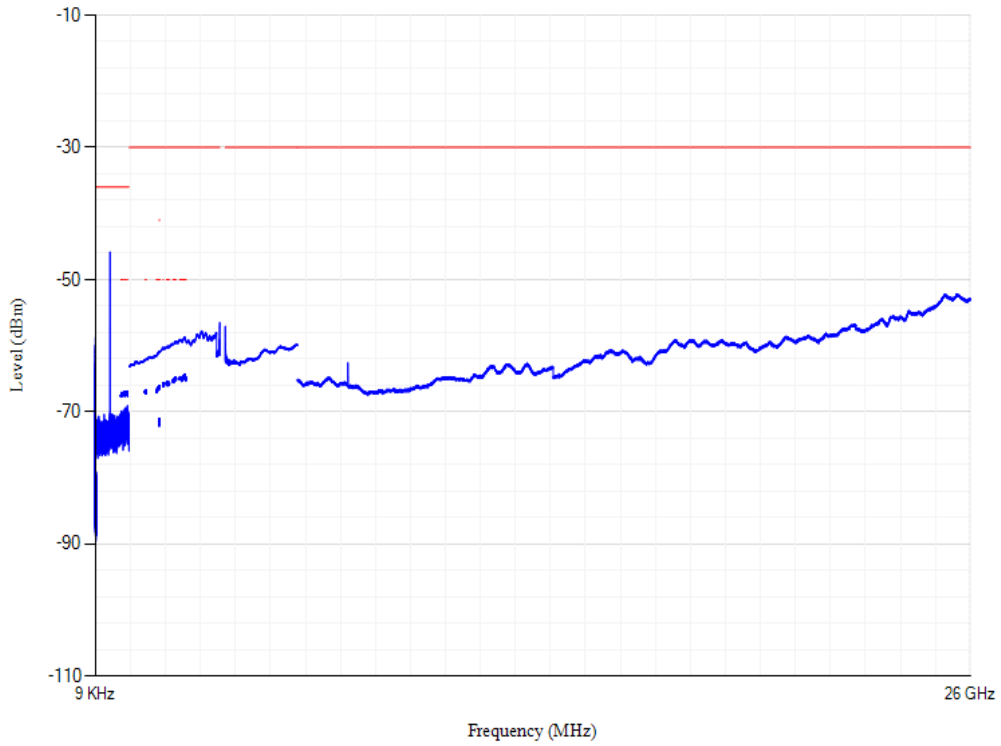
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=651667 RB=133@0

Conducted spurious emissions



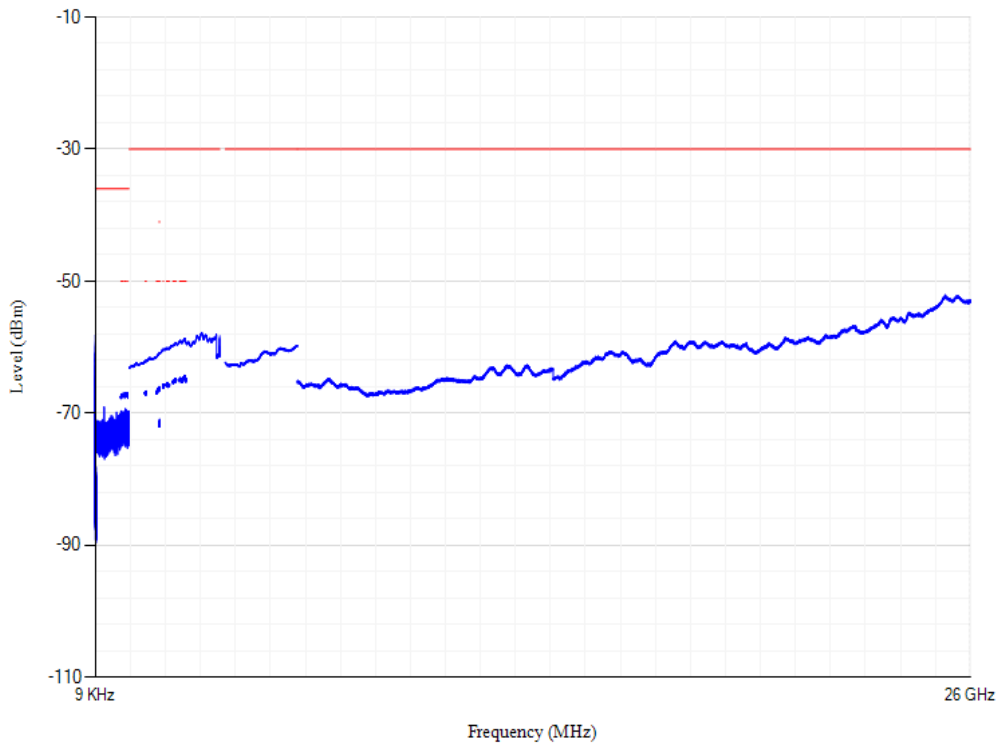
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=651667 RB=1@0

Conducted spurious emissions



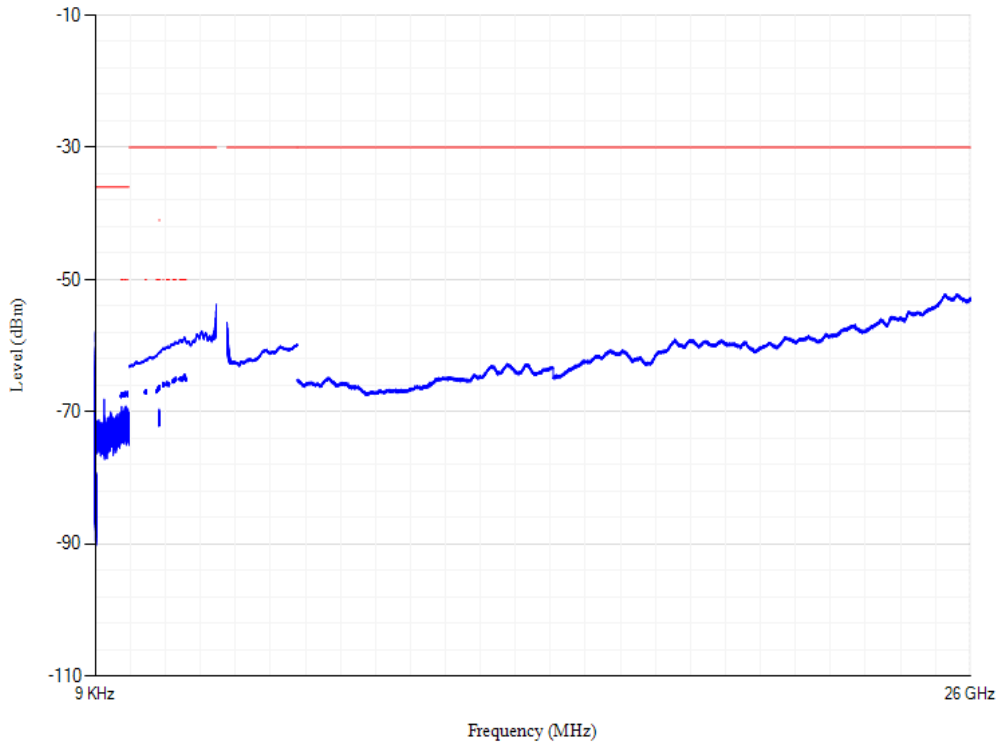
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=651667 RB=1@132

Conducted spurious emissions



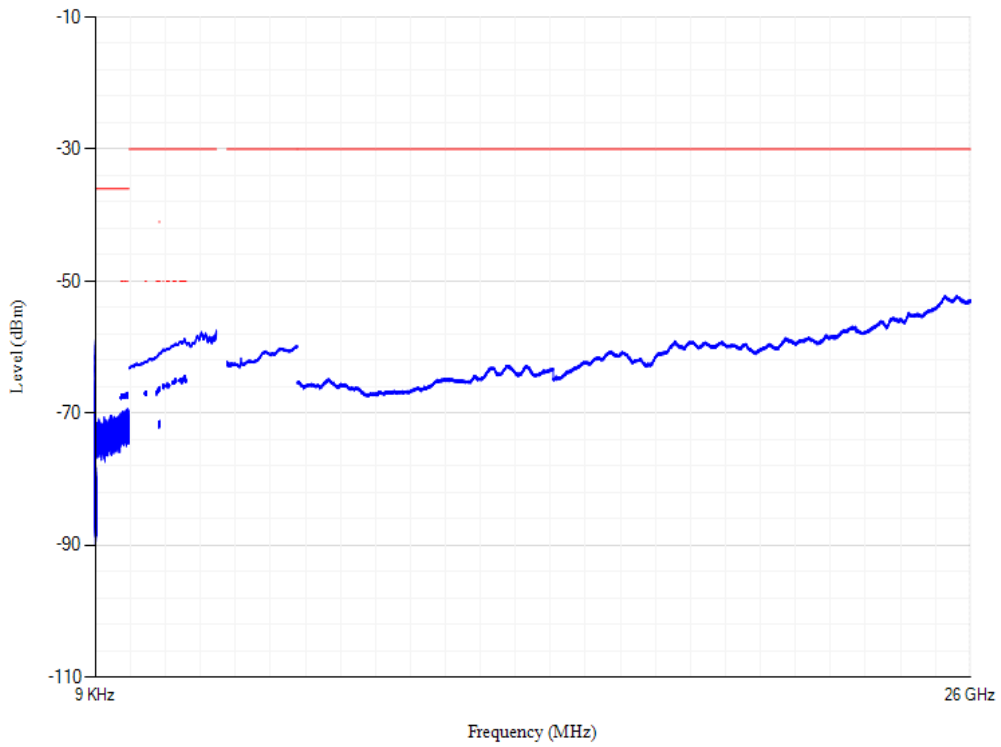
n78 SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=273@0

Conducted spurious emissions



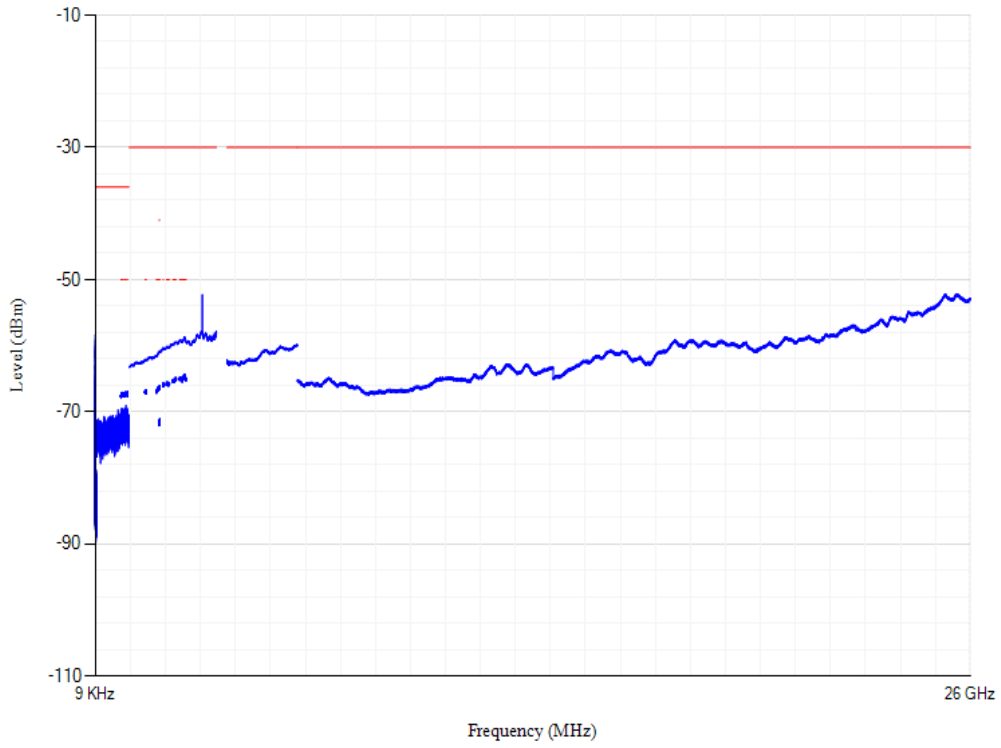
n78 SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=1@0

Conducted spurious emissions



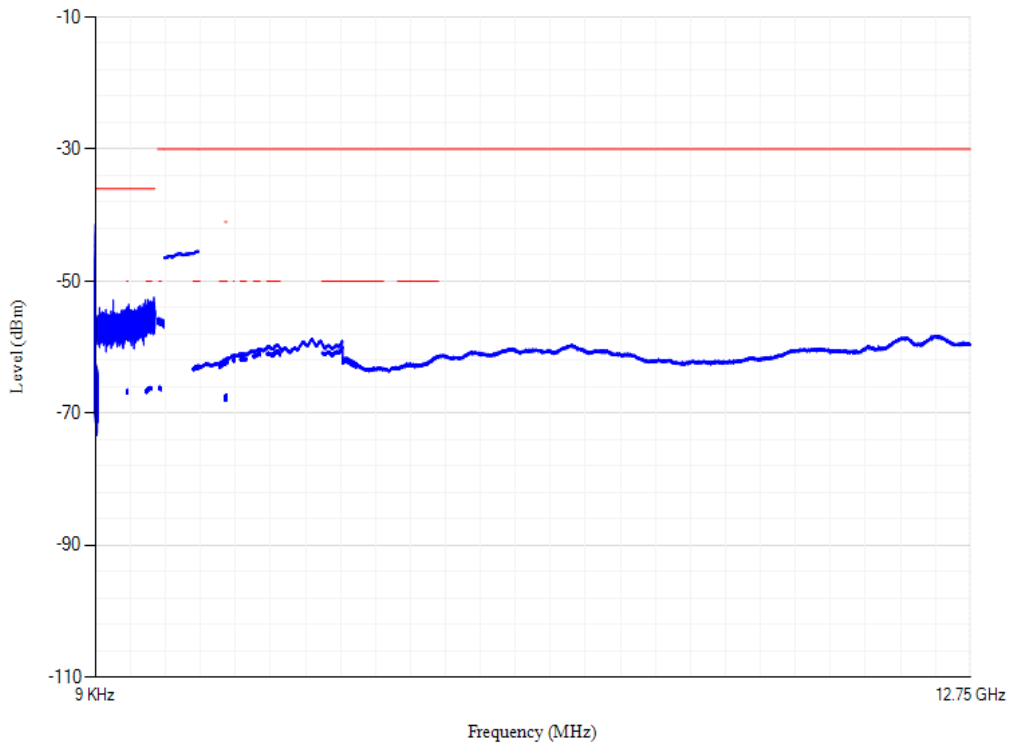
n78 SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=1@272

Conducted spurious emissions



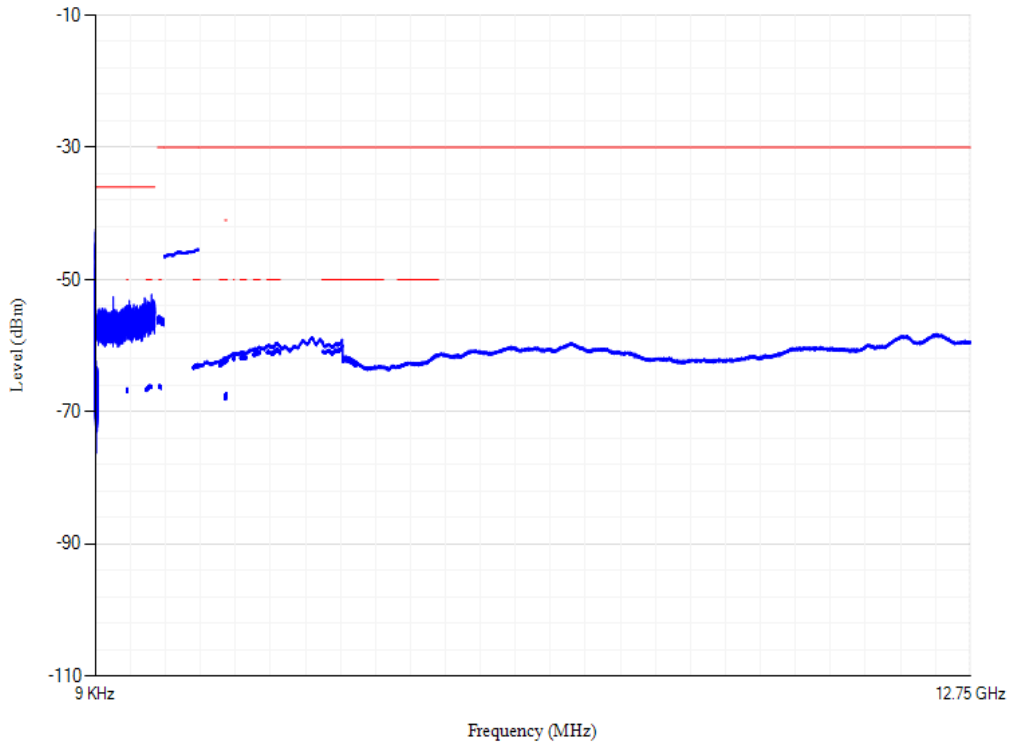
n8 SCS=30kHz CP_QPSK BW=10MHz Channel=177000 RB=24@0

Conducted spurious emissions



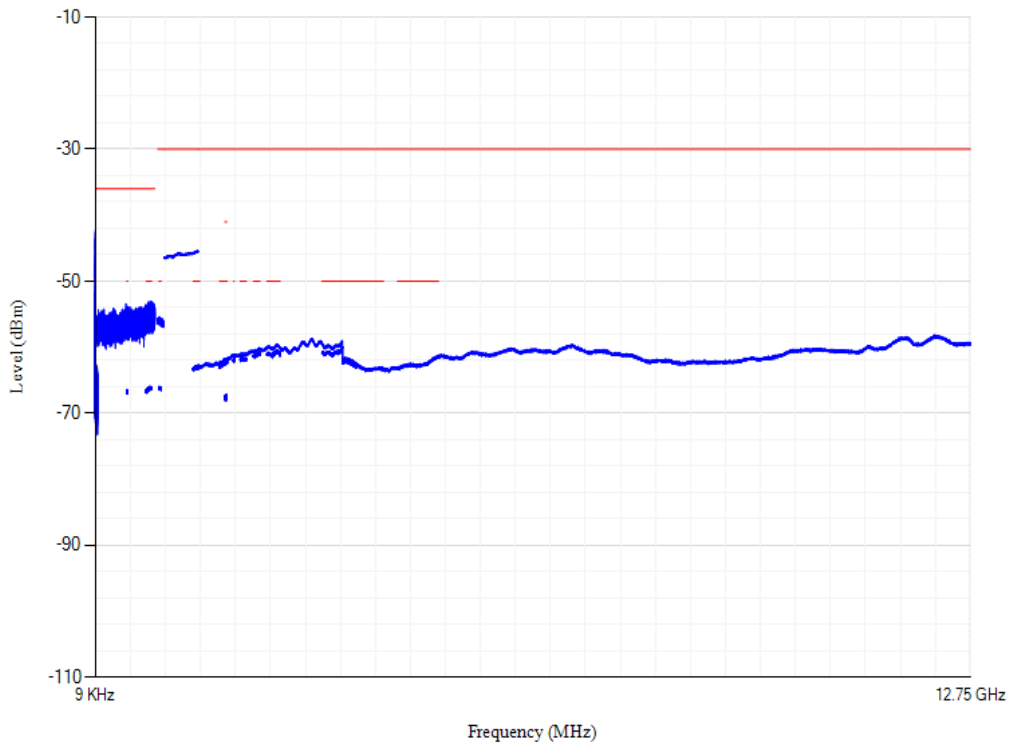
n8 SCS=30kHz CP_QPSK BW=10MHz Channel=177000 RB=1@0

Conducted spurious emissions



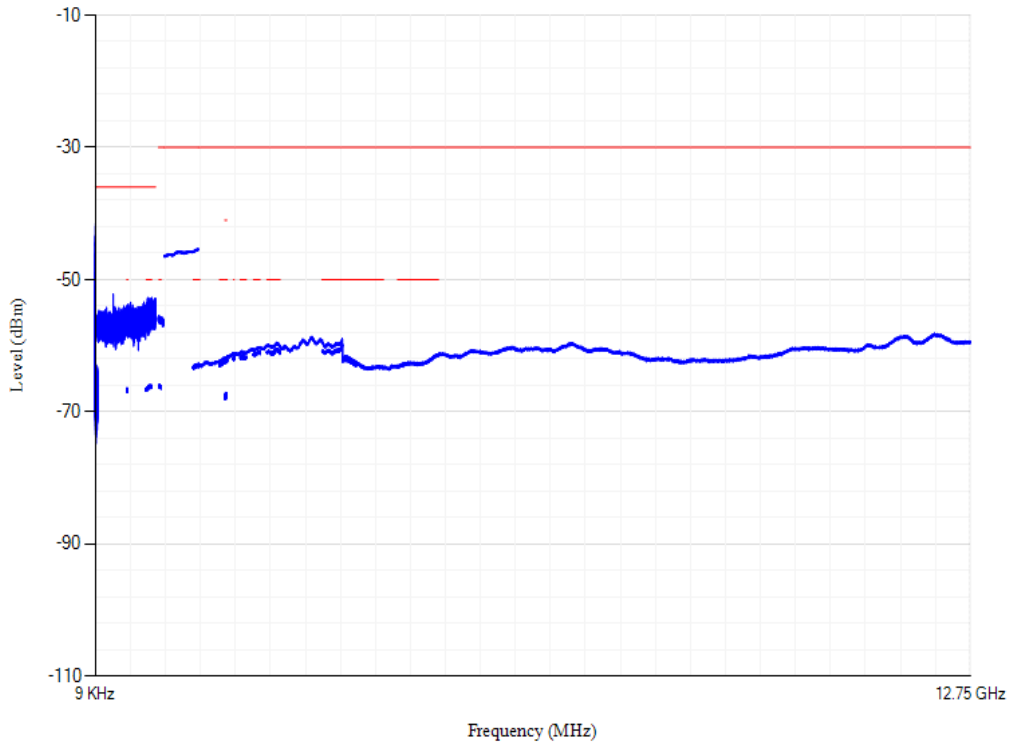
n8 SCS=30kHz CP_QPSK BW=10MHz Channel=177000 RB=1@23

Conducted spurious emissions



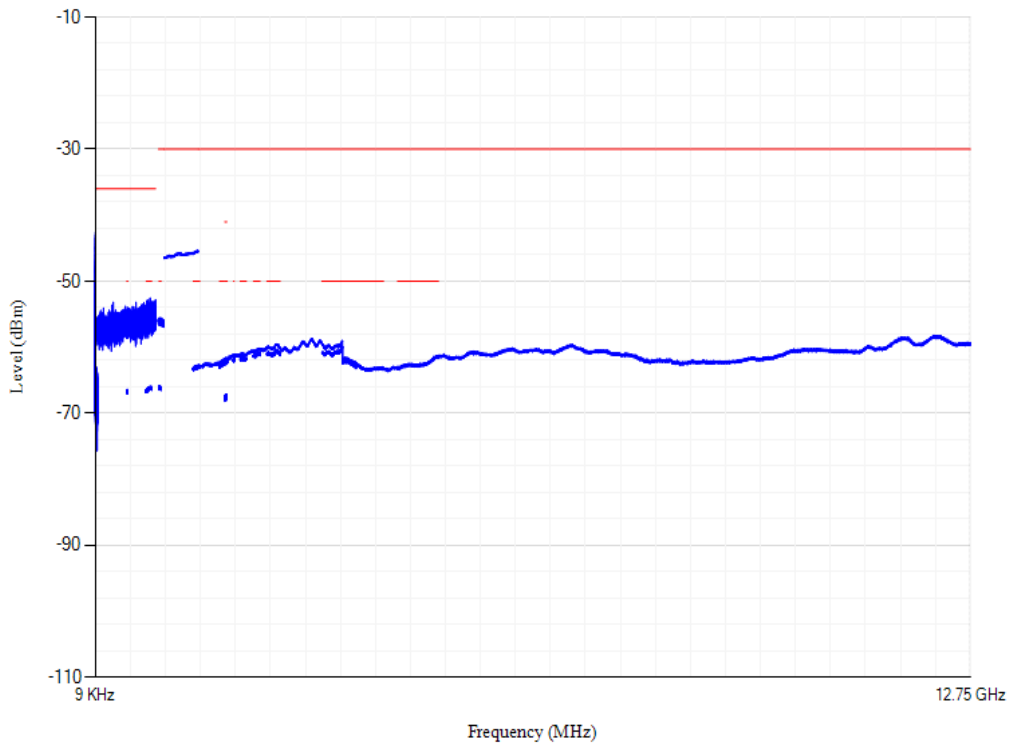
n8 SCS=30kHz CP_QPSK BW=10MHz Channel=179500 RB=24@0

Conducted spurious emissions



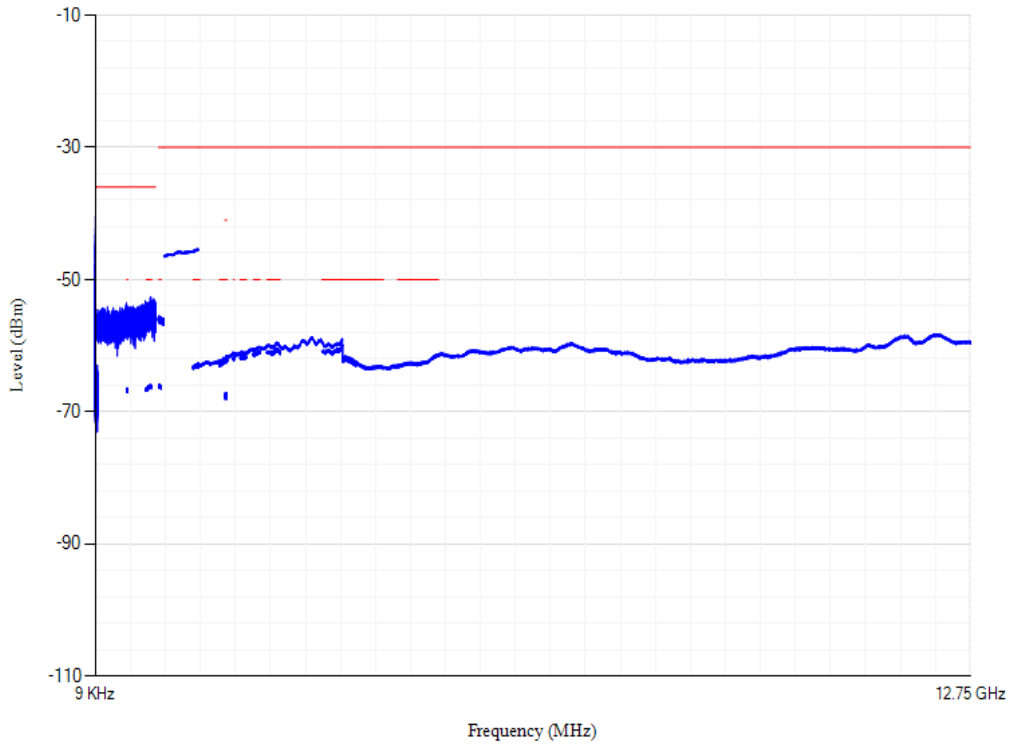
n8 SCS=30kHz CP_QPSK BW=10MHz Channel=179500 RB=1@0

Conducted spurious emissions



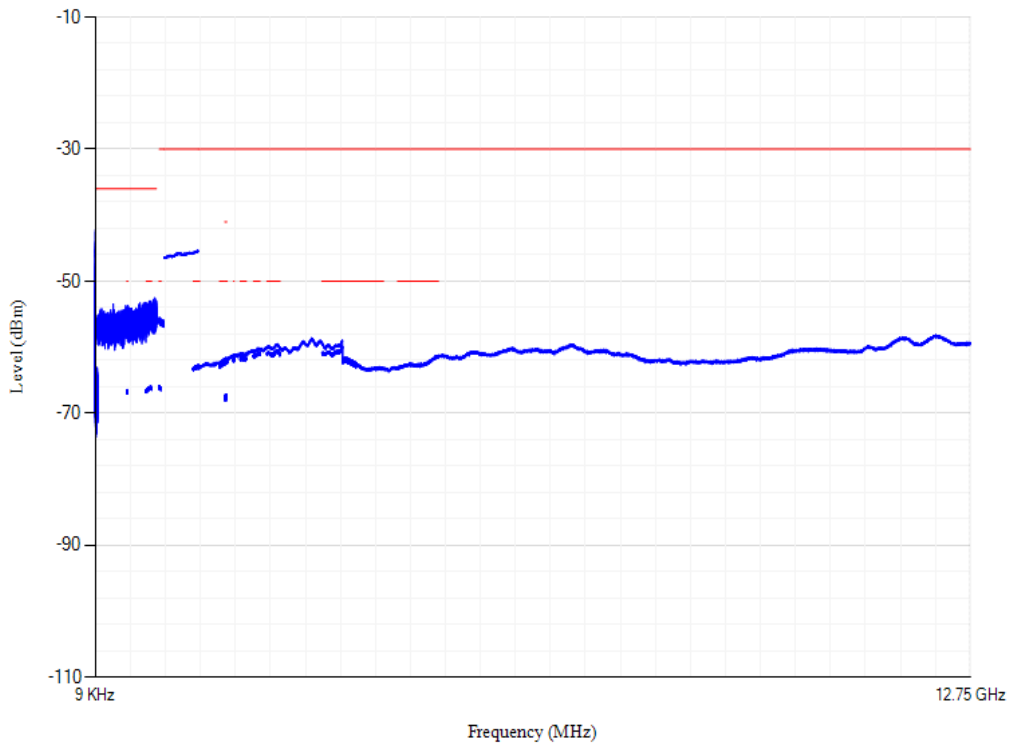
n8 SCS=30kHz CP_QPSK BW=10MHz Channel=179500 RB=1@23

Conducted spurious emissions



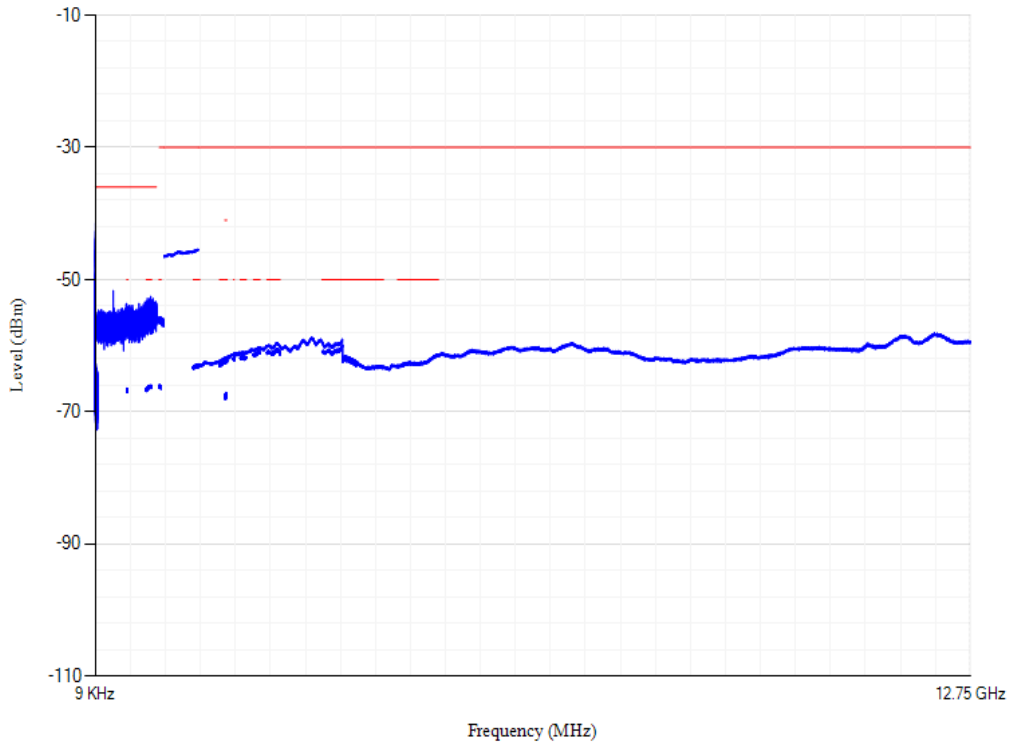
n8 SCS=30kHz CP_QPSK BW=10MHz Channel=182000 RB=24@0

Conducted spurious emissions



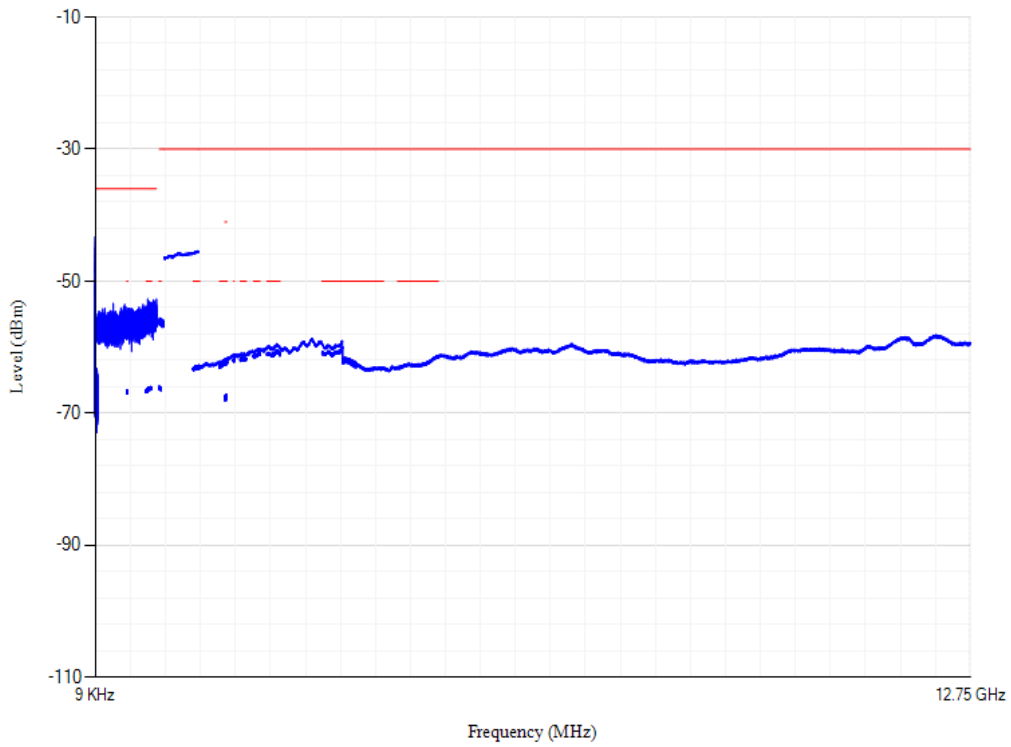
n8 SCS=30kHz CP_QPSK BW=10MHz Channel=182000 RB=1@0

Conducted spurious emissions



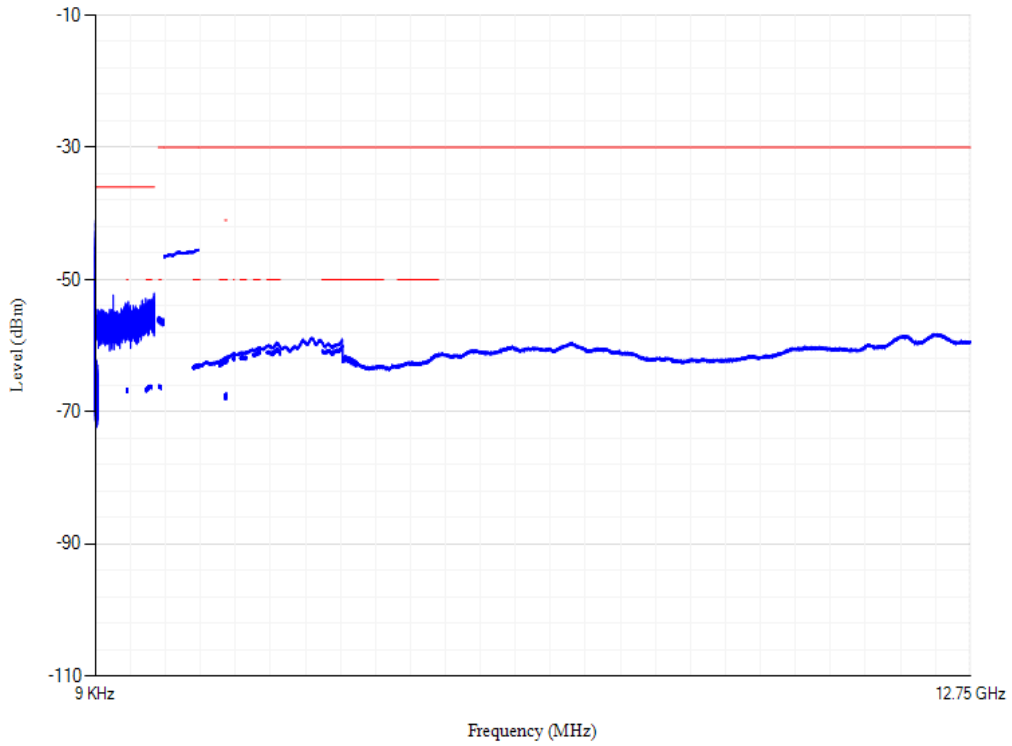
n8 SCS=30kHz CP_QPSK BW=10MHz Channel=182000 RB=1@23

Conducted spurious emissions



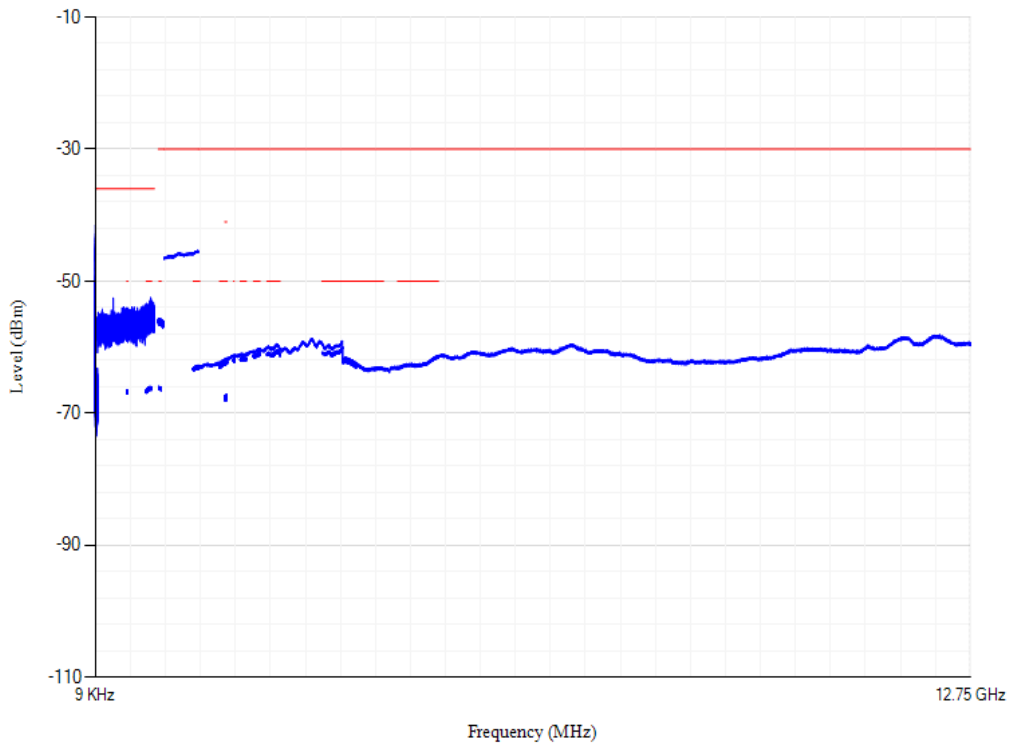
n8 SCS=30kHz CP_QPSK BW=15MHz Channel=177500 RB=38@0

Conducted spurious emissions



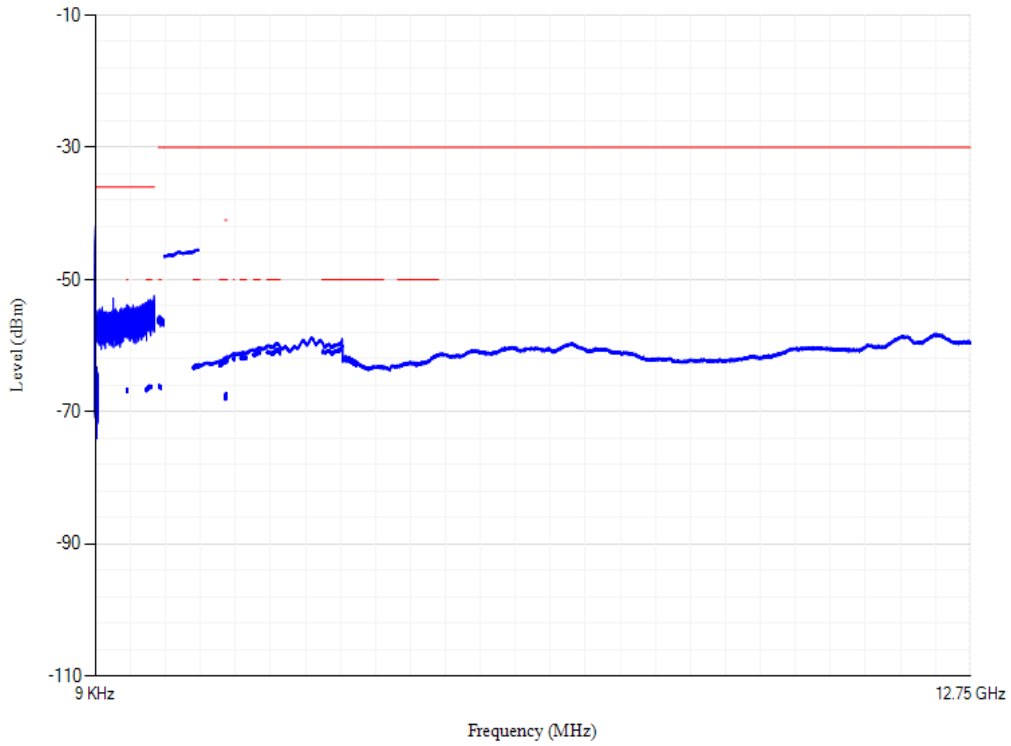
n8 SCS=30kHz CP_QPSK BW=15MHz Channel=177500 RB=1@0

Conducted spurious emissions



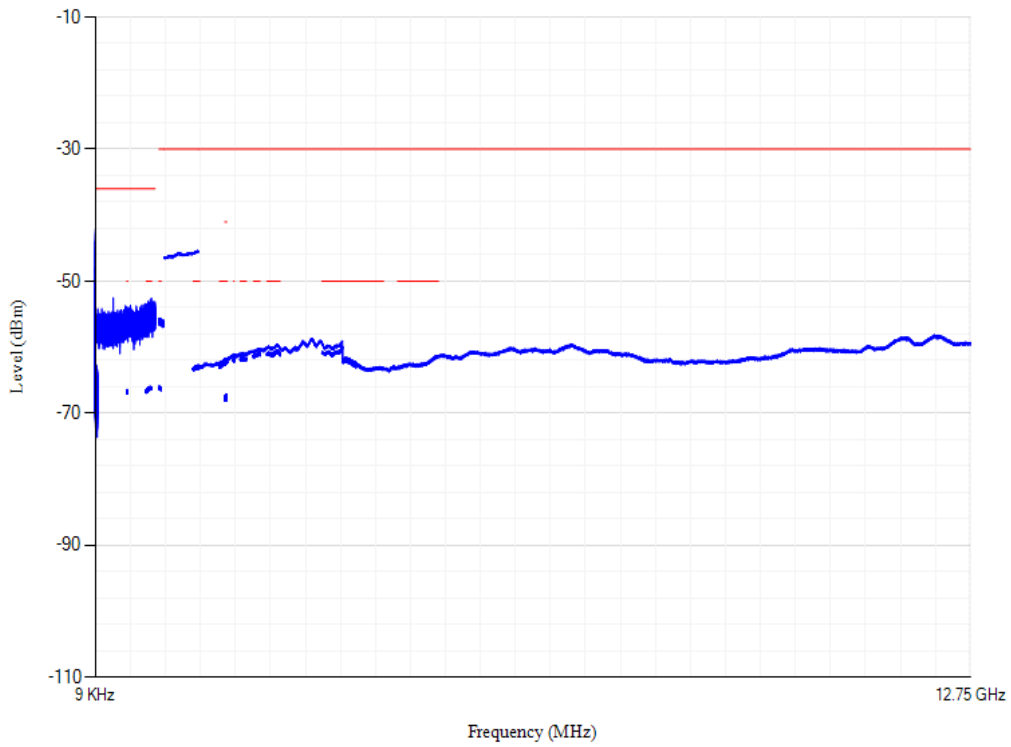
n8 SCS=30kHz CP_QPSK BW=15MHz Channel=177500 RB=1@37

Conducted spurious emissions



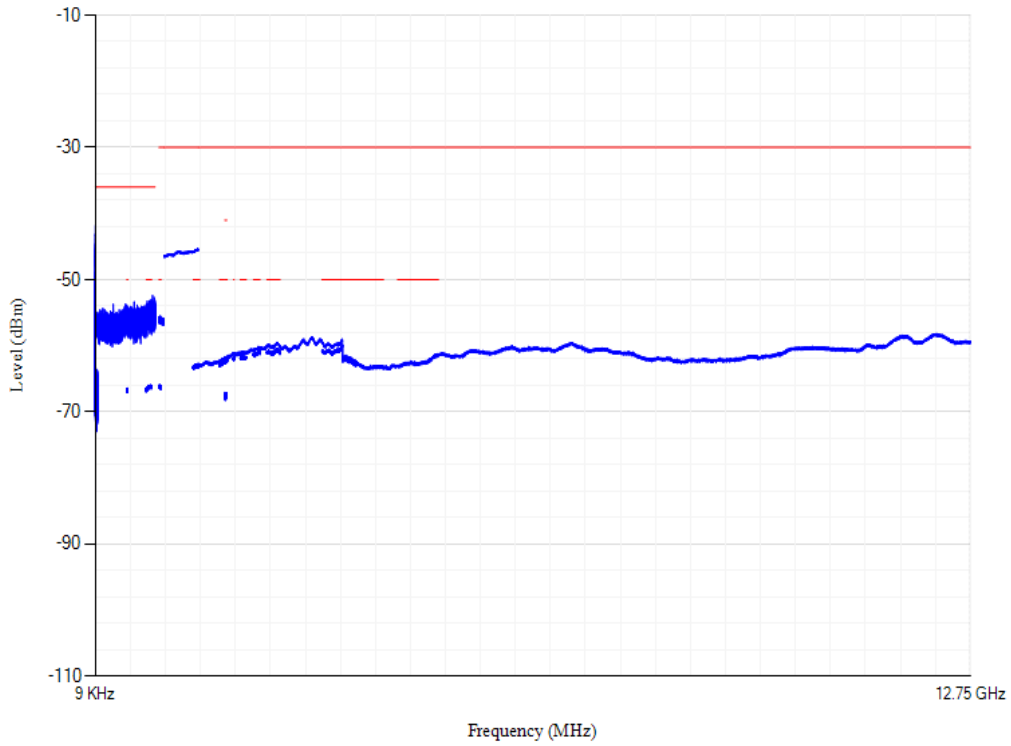
n8 SCS=30kHz CP_QPSK BW=15MHz Channel=179500 RB=38@0

Conducted spurious emissions



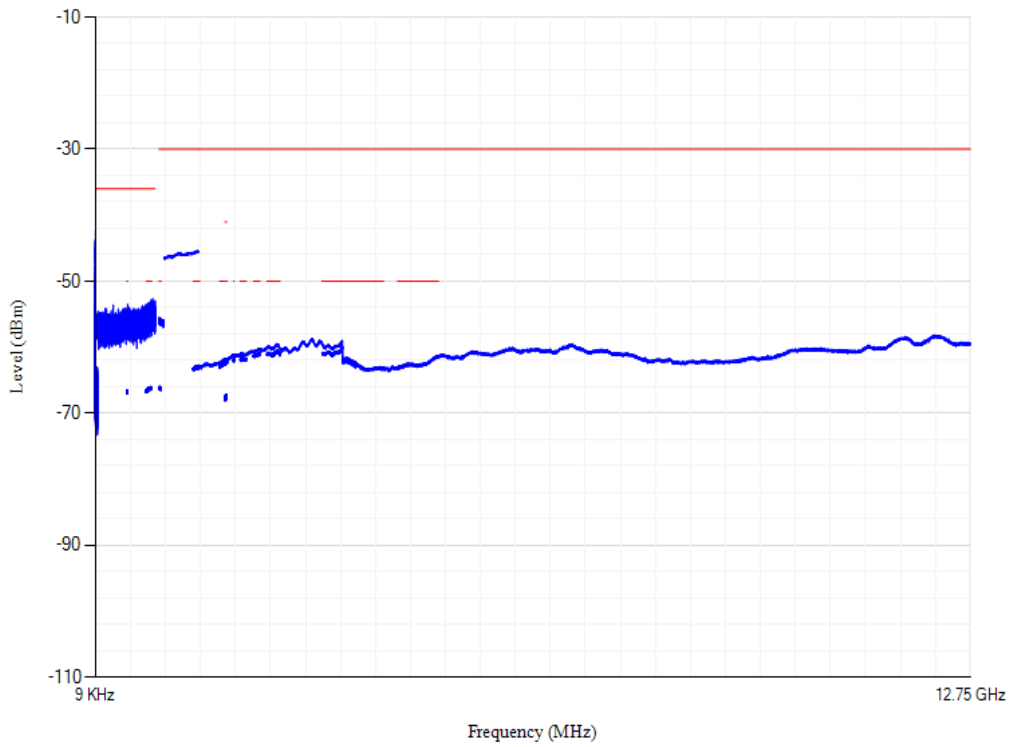
n8 SCS=30kHz CP_QPSK BW=15MHz Channel=179500 RB=1@0

Conducted spurious emissions



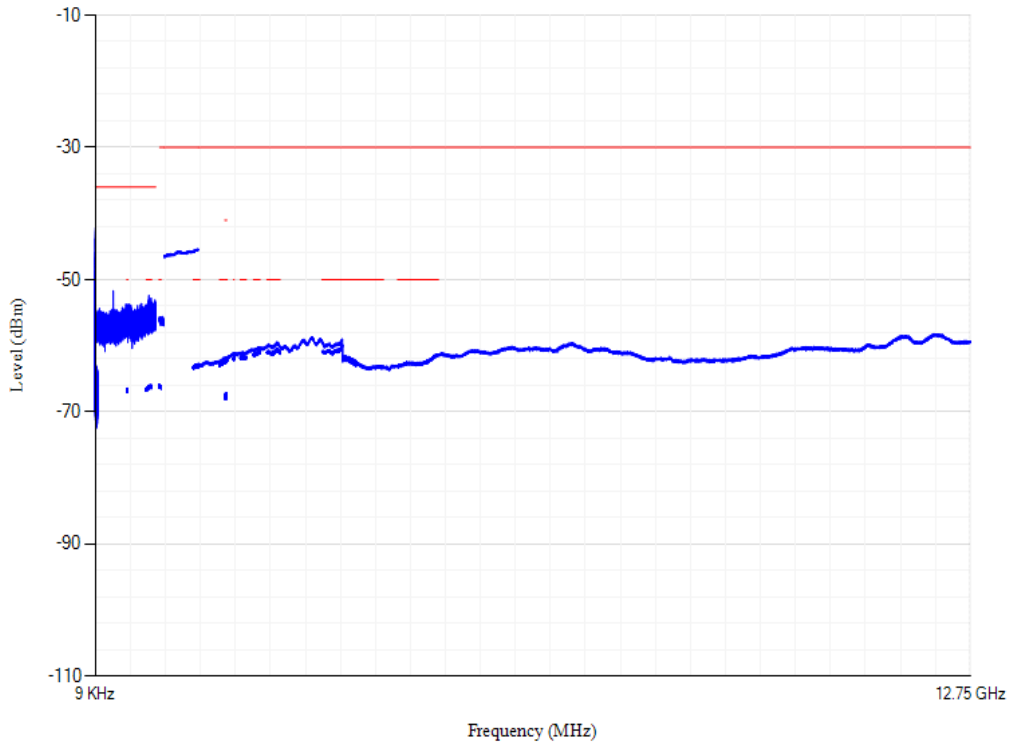
n8 SCS=30kHz CP_QPSK BW=15MHz Channel=179500 RB=1@37

Conducted spurious emissions



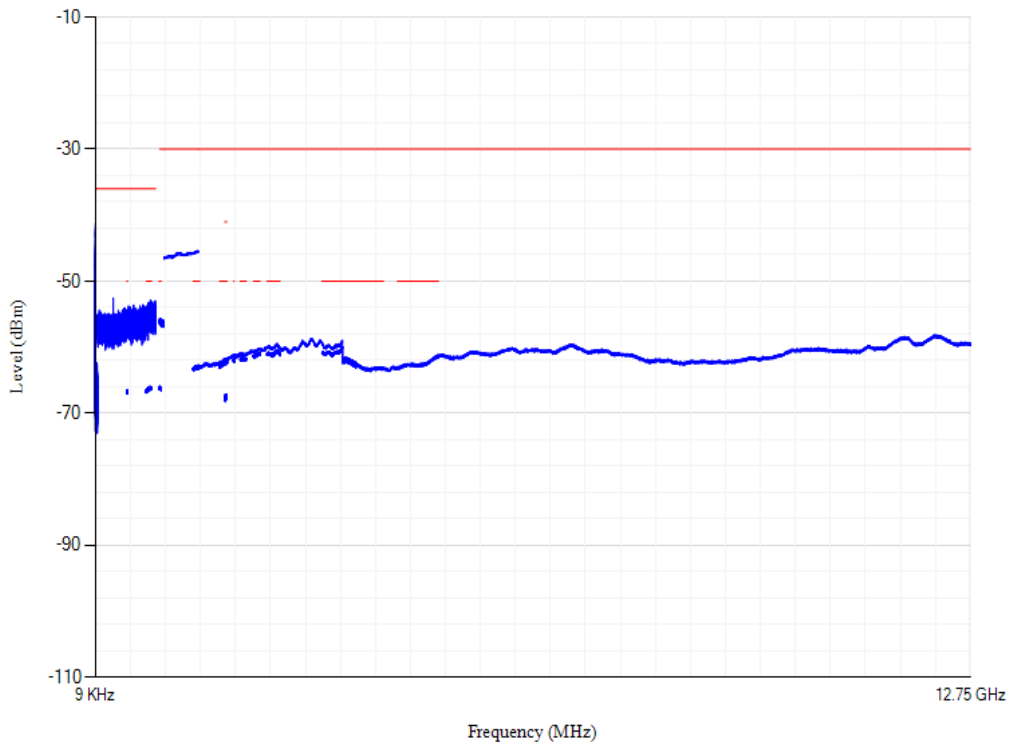
n8 SCS=30kHz CP_QPSK BW=15MHz Channel=181500 RB=38@0

Conducted spurious emissions



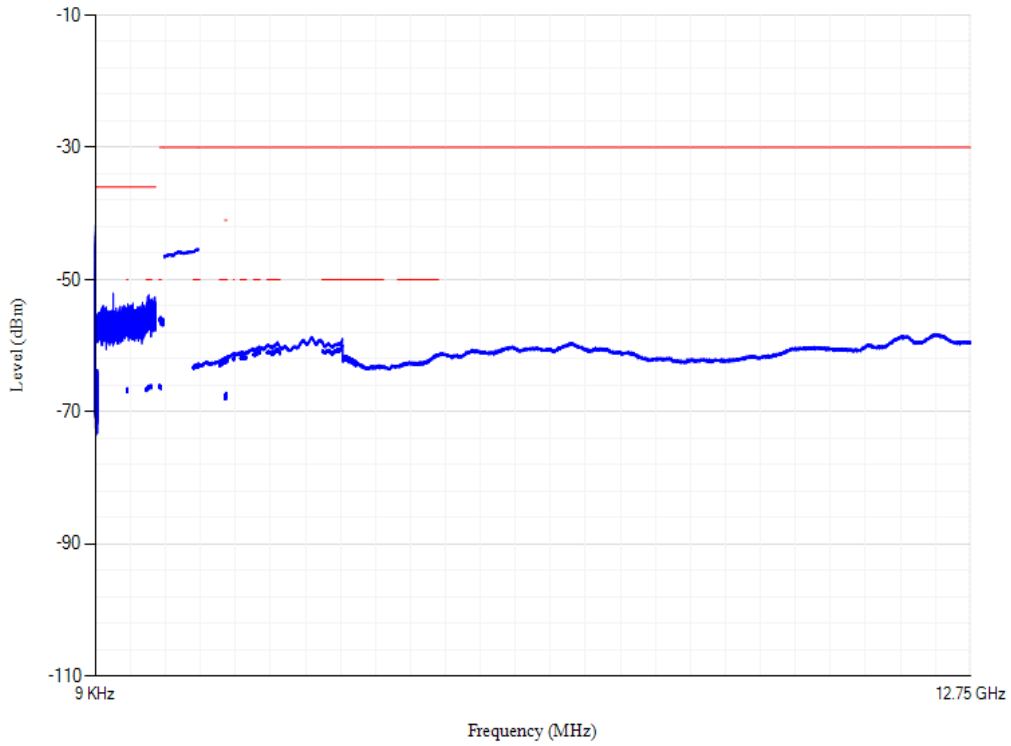
n8 SCS=30kHz CP_QPSK BW=15MHz Channel=181500 RB=1@0

Conducted spurious emissions



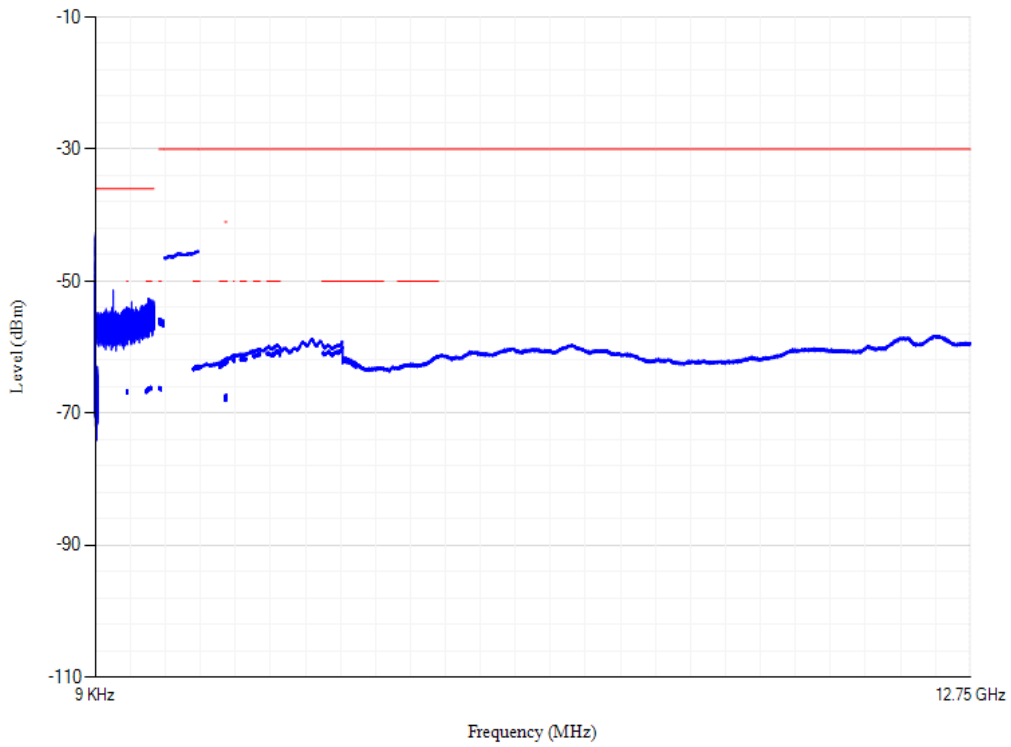
n8 SCS=30kHz CP_QPSK BW=15MHz Channel=181500 RB=1@37

Conducted spurious emissions



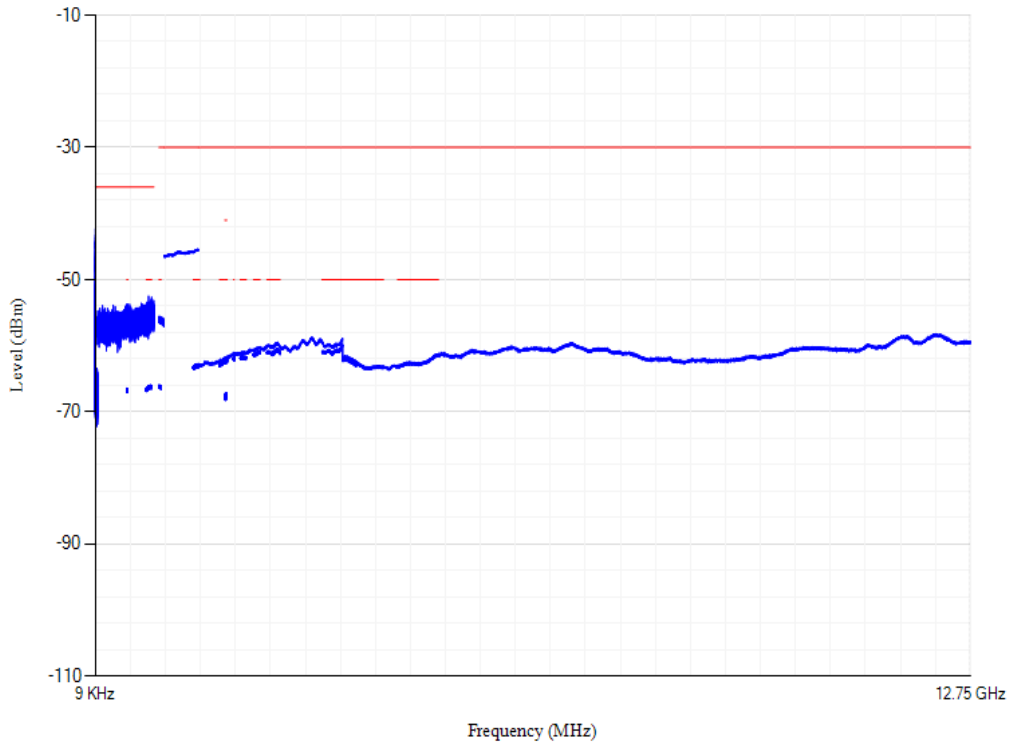
n8 SCS=30kHz CP_QPSK BW=20MHz Channel=178000 RB=51@0

Conducted spurious emissions



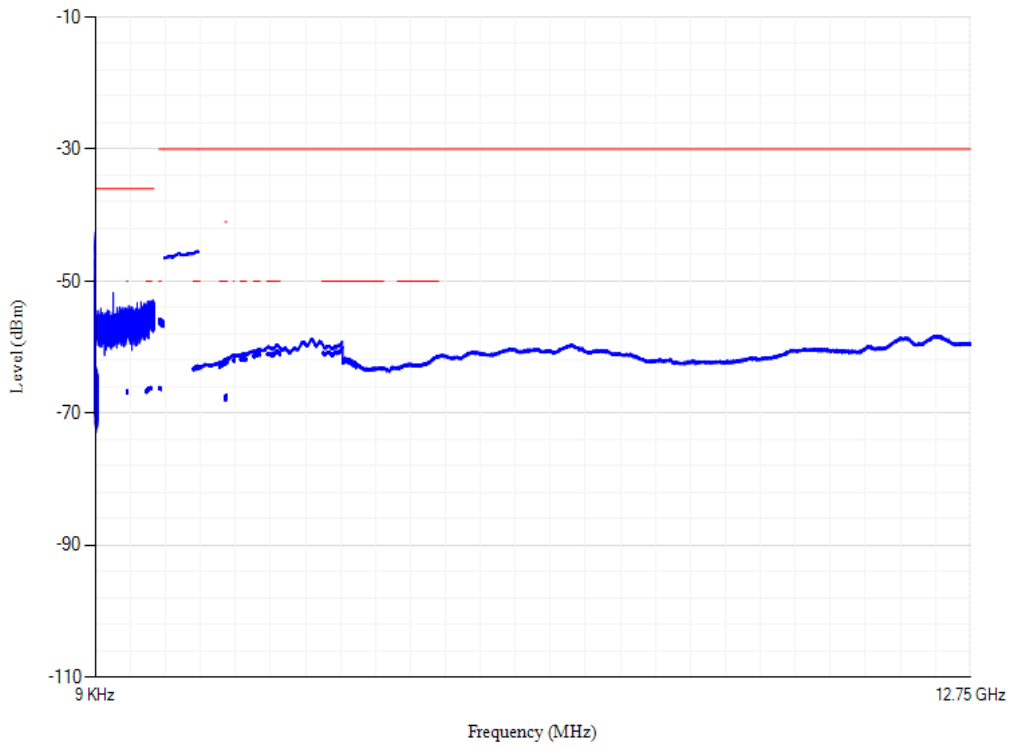
n8 SCS=30kHz CP_QPSK BW=20MHz Channel=178000 RB=1@0

Conducted spurious emissions



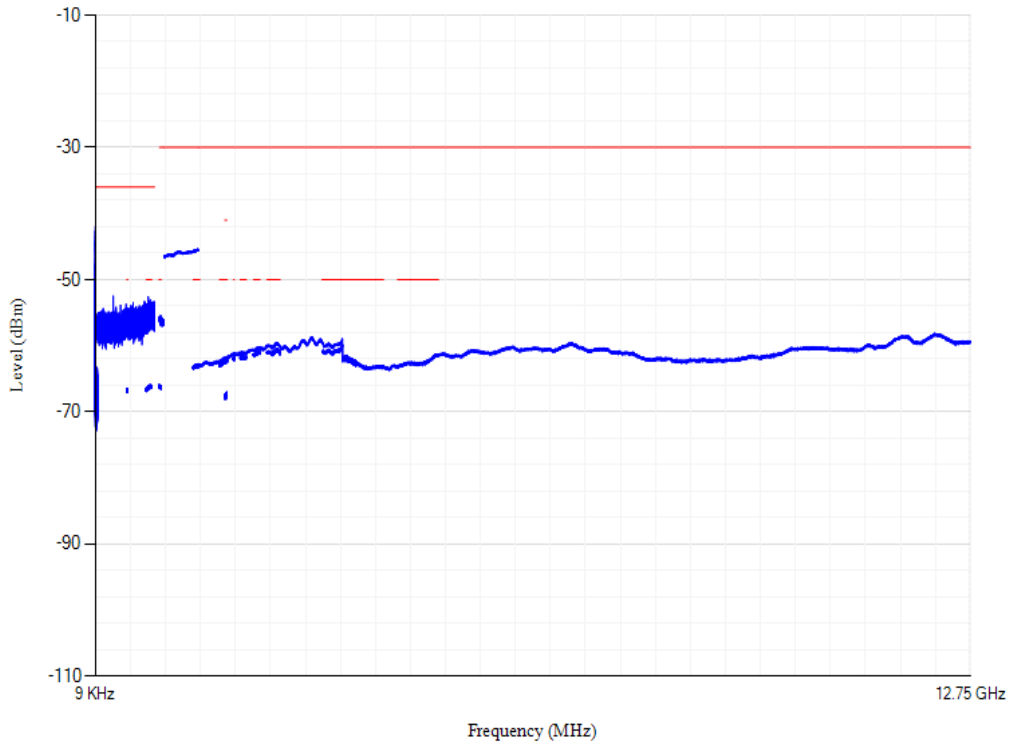
n8 SCS=30kHz CP_QPSK BW=20MHz Channel=178000 RB=1@50

Conducted spurious emissions



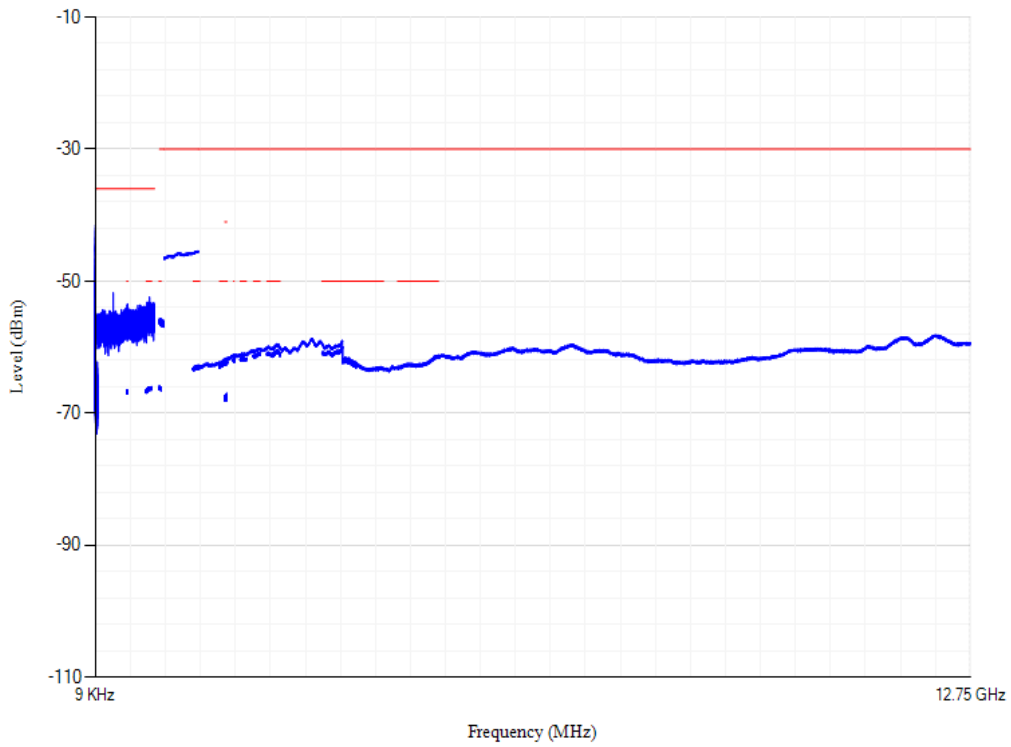
n8 SCS=30kHz CP_QPSK BW=20MHz Channel=179500 RB=51@0

Conducted spurious emissions



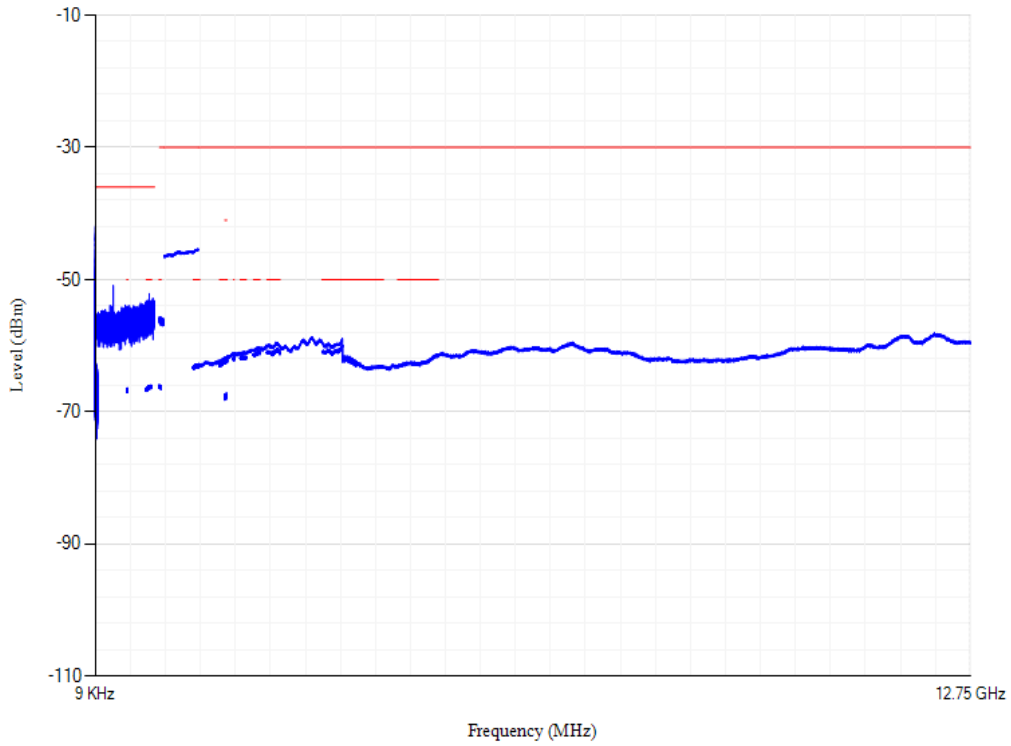
n8 SCS=30kHz CP_QPSK BW=20MHz Channel=179500 RB=1@0

Conducted spurious emissions



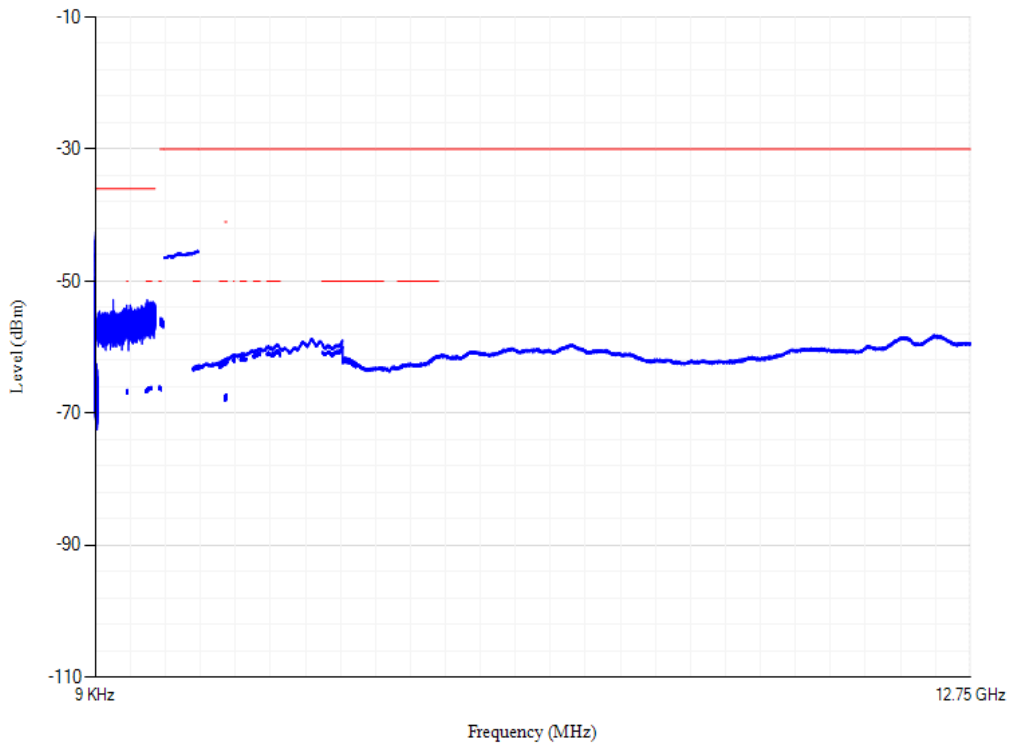
n8 SCS=30kHz CP_QPSK BW=20MHz Channel=179500 RB=1@50

Conducted spurious emissions



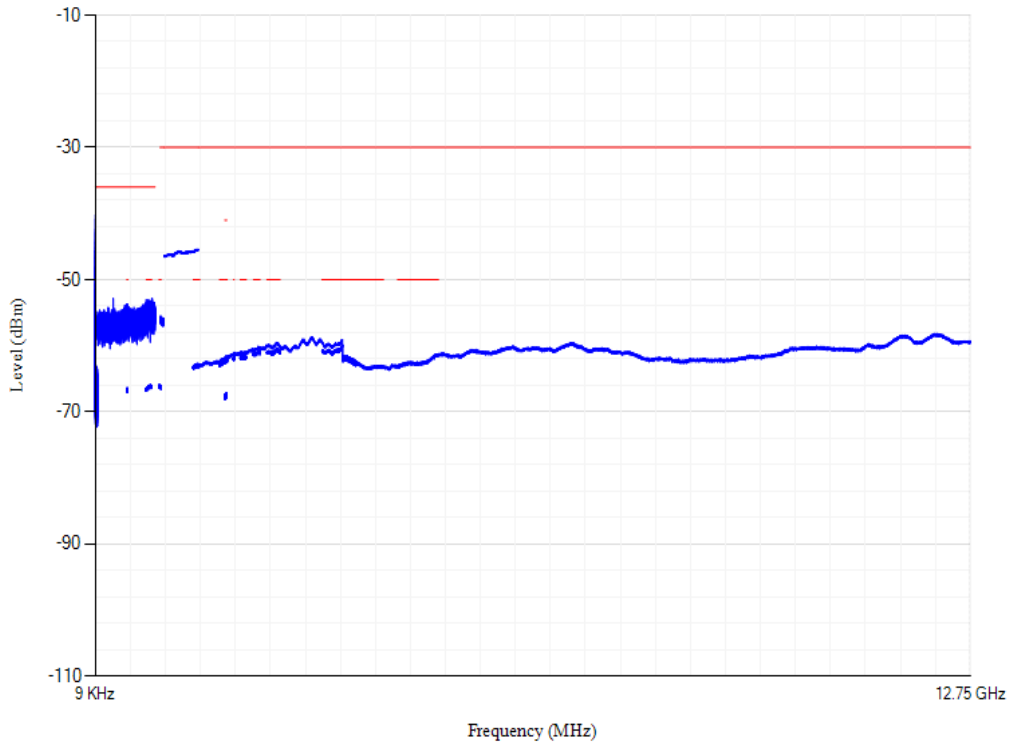
n8 SCS=30kHz CP_QPSK BW=20MHz Channel=181000 RB=51@0

Conducted spurious emissions



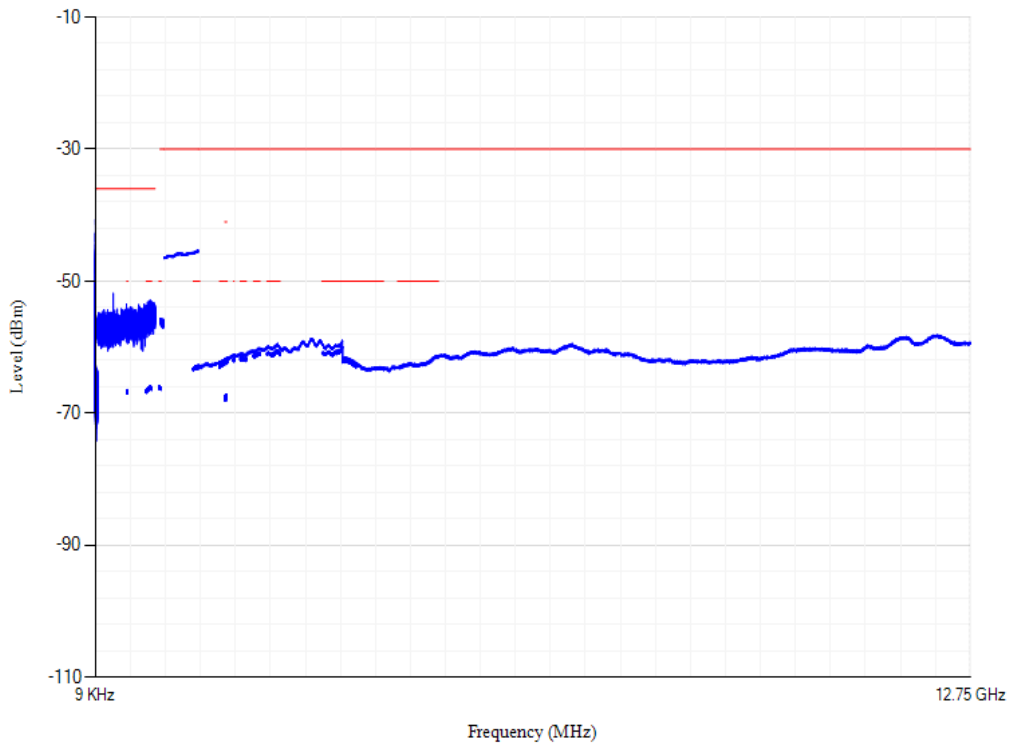
n8 SCS=30kHz CP_QPSK BW=20MHz Channel=181000 RB=1@0

Conducted spurious emissions



n8 SCS=30kHz CP_QPSK BW=20MHz Channel=181000 RB=1@50

Conducted spurious emissions



Clause 4.2.5 Transmitter minimum output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Limit (dBm)	Verdict
n1	30	10	385000	24@0	DFT_QPSK	-52.03	-30	PASS
n1	30	10	390000	24@0	DFT_QPSK	-50.19	-30	PASS
n1	30	10	395000	24@0	DFT_QPSK	-50.35	-30	PASS
n1	30	15	385500	36@0	DFT_QPSK	-49.97	-30	PASS
n1	30	15	390000	36@0	DFT_QPSK	-50.33	-30	PASS
n1	30	15	394500	36@0	DFT_QPSK	-50.15	-30	PASS
n1	30	20	386000	50@0	DFT_QPSK	-50.44	-30	PASS
n1	30	20	390000	50@0	DFT_QPSK	-50.13	-30	PASS
n1	30	20	394000	50@0	DFT_QPSK	-50.19	-30	PASS
n20	30	10	167400	24@0	DFT_QPSK	-49.26	-30	PASS
n20	30	10	169400	24@0	DFT_QPSK	-49.17	-30	PASS
n20	30	10	171400	24@0	DFT_QPSK	-49.08	-30	PASS
n20	30	15	167900	36@0	DFT_QPSK	-49.42	-30	PASS
n20	30	15	169400	36@0	DFT_QPSK	-49.08	-30	PASS
n20	30	15	170900	36@0	DFT_QPSK	-49.21	-30	PASS
n20	30	20	168400	50@0	DFT_QPSK	-76.79	-30	PASS
n20	30	20	169400	50@0	DFT_QPSK	-48.95	-30	PASS
n20	30	20	170400	50@0	DFT_QPSK	-49.18	-30	PASS
n28	30	10	141600	24@0	DFT_QPSK	-49.65	-30	PASS
n28	30	10	145100	24@0	DFT_QPSK	-49.16	-30	PASS
n28	30	10	148600	24@0	DFT_QPSK	-49.24	-30	PASS
n28	30	15	142100	36@0	DFT_QPSK	-49.47	-30	PASS
n28	30	15	145100	36@0	DFT_QPSK	-49.21	-30	PASS
n28	30	15	148100	36@0	DFT_QPSK	-49.30	-30	PASS
n28	30	20	142600	50@0	DFT_QPSK	-49.45	-30	PASS
n28	30	20	145100	50@0	DFT_QPSK	-49.32	-30	PASS
n28	30	20	147600	50@0	DFT_QPSK	-49.44	-30	PASS
n3	30	10	343000	24@0	DFT_QPSK	-48.97	-30	PASS
n3	30	10	349500	24@0	DFT_QPSK	-49.11	-30	PASS
n3	30	10	356000	24@0	DFT_QPSK	-49.35	-30	PASS
n3	30	20	344000	50@0	DFT_QPSK	-48.88	-30	PASS
n3	30	20	349500	50@0	DFT_QPSK	-49.21	-30	PASS
n3	30	20	355000	50@0	DFT_QPSK	-49.32	-30	PASS
n3	30	30	345000	75@0	DFT_QPSK	-49.14	-30	PASS
n3	30	30	349500	75@0	DFT_QPSK	-49.42	-30	PASS
n3	30	30	354000	75@0	DFT_QPSK	-49.30	-30	PASS
n38	30	10	515000	24@0	DFT_QPSK	-48.67	-30	PASS
n38	30	10	519000	24@0	DFT_QPSK	-48.94	-30	PASS
n38	30	10	523000	24@0	DFT_QPSK	-49.09	-30	PASS
n38	30	15	515500	36@0	DFT_QPSK	-48.65	-30	PASS
n38	30	15	519000	36@0	DFT_QPSK	-48.66	-30	PASS
n38	30	15	522500	36@0	DFT_QPSK	-48.78	-30	PASS
n38	30	20	516000	50@0	DFT_QPSK	-48.72	-30	PASS

n38	30	20	519000	50@0	DFT_QPSK	-48.93	-30	PASS
n38	30	20	522000	50@0	DFT_QPSK	-48.91	-30	PASS
n77	30	10	620334	24@0	DFT_QPSK	-49.78	-30	PASS
n77	30	10	650000	24@0	DFT_QPSK	-48.41	-30	PASS
n77	30	10	679666	24@0	DFT_QPSK	-48.85	-30	PASS
n77	30	50	621668	128@0	DFT_QPSK	-50.15	-30	PASS
n77	30	50	650000	128@0	DFT_QPSK	-49.18	-30	PASS
n77	30	50	678332	128@0	DFT_QPSK	-49.01	-30	PASS
n77	30	100	623334	270@0	DFT_QPSK	-49.82	-30	PASS
n77	30	100	650000	270@0	DFT_QPSK	-49.04	-30	PASS
n77	30	100	676666	270@0	DFT_QPSK	-49.23	-30	PASS
n78	30	10	647000	24@0	DFT_QPSK	-49.21	-30	PASS
n78	30	10	650000	24@0	DFT_QPSK	-48.53	-30	PASS
n78	30	10	653000	24@0	DFT_QPSK	-48.17	-30	PASS
n78	30	50	648333	128@0	DFT_QPSK	-49.31	-30	PASS
n78	30	50	650000	128@0	DFT_QPSK	-48.67	-30	PASS
n78	30	50	651667	128@0	DFT_QPSK	-48.37	-30	PASS
n78	30	100	650000	270@0	DFT_QPSK	-48.77	-30	PASS
n8	30	10	177000	24@0	DFT_QPSK	-48.82	-30	PASS
n8	30	10	179500	24@0	DFT_QPSK	-49.11	-30	PASS
n8	30	10	182000	24@0	DFT_QPSK	-49.01	-30	PASS
n8	30	15	177500	36@0	DFT_QPSK	-48.86	-30	PASS
n8	30	15	179500	36@0	DFT_QPSK	-49.34	-30	PASS
n8	30	15	181500	36@0	DFT_QPSK	-49.03	-30	PASS
n8	30	20	178000	50@0	DFT_QPSK	-48.95	-30	PASS
n8	30	20	179500	50@0	DFT_QPSK	-49.13	-30	PASS
n8	30	20	181000	50@0	DFT_QPSK	-48.98	-30	PASS

Clause 4.2.6 Receiver adjacent channel selectivity for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Case	Interference Freq (MHz)	Interference Level (dBm)	Throughput (%)	Limit (%)	Verdict
n1	30	10	390000	24@0	CP_QPSK	Case 1	2132.485	-51.6	97.36	95	PASS
n1	30	10	390000	24@0	CP_QPSK	Case 1	2147.515	-51.6	97.36	95	PASS
n1	30	10	390000	24@0	CP_QPSK	Case 2	2132.485	-25	97.36	95	PASS
n1	30	10	390000	24@0	CP_QPSK	Case 2	2147.515	-25	97.36	95	PASS
n1	30	15	390000	38@0	CP_QPSK	Case 1	2129.985	-52.6	97.36	95	PASS
n1	30	15	390000	38@0	CP_QPSK	Case 1	2150.015	-52.6	97.36	95	PASS

n1	30	15	390000	38@0	CP_QPSK	Case 2	2129.985	-25	97.55	95	PASS
n1	30	15	390000	38@0	CP_QPSK	Case 2	2150.015	-25	97.36	95	PASS
n1	30	20	390000	51@0	CP_QPSK	Case 1	2127.485	-54.5	96.24	95	PASS
n1	30	20	390000	51@0	CP_QPSK	Case 1	2152.515	-54.5	97.36	95	PASS
n1	30	20	390000	51@0	CP_QPSK	Case 2	2127.485	-25	97.36	95	PASS
n1	30	20	390000	51@0	CP_QPSK	Case 2	2152.515	-25	97.36	95	PASS
n20	30	10	169400	24@0	CP_QPSK	Case 1	798.485	-48.6	97.36	95	PASS
n20	30	10	169400	24@0	CP_QPSK	Case 1	813.515	-48.6	97.36	95	PASS
n20	30	10	169400	24@0	CP_QPSK	Case 2	798.485	-25	97.36	95	PASS
n20	30	10	169400	24@0	CP_QPSK	Case 2	813.515	-25	97.36	95	PASS
n20	30	15	169400	38@0	CP_QPSK	Case 1	795.985	-48.6	97.36	95	PASS
n20	30	15	169400	38@0	CP_QPSK	Case 1	816.015	-48.6	97.36	95	PASS
n20	30	15	169400	38@0	CP_QPSK	Case 2	795.985	-25	97.36	95	PASS
n20	30	15	169400	38@0	CP_QPSK	Case 2	816.015	-25	97.36	95	PASS
n20	30	20	169400	51@0	CP_QPSK	Case 1	793.485	-50.5	97.36	95	PASS
n20	30	20	169400	51@0	CP_QPSK	Case 1	818.515	-50.5	97.36	95	PASS
n20	30	20	169400	51@0	CP_QPSK	Case 2	793.485	-25	97.36	95	PASS
n20	30	20	169400	51@0	CP_QPSK	Case 2	818.515	-25	97.36	95	PASS
n28	30	10	145100	24@0	CP_QPSK	Case 1	772.985	-50.1	97.36	95	PASS
n28	30	10	145100	24@0	CP_QPSK	Case 1	788.015	-50.1	97.36	95	PASS
n28	30	10	145100	24@0	CP_QPSK	Case 2	772.985	-25	97.36	95	PASS
n28	30	10	145100	24@0	CP_QPSK	Case 2	788.015	-25	97.36	95	PASS

n28	30	15	145100	38@0	CP_QPSK	Case 1	770.485	-51.1	97.36	95	PASS
n28	30	15	145100	38@0	CP_QPSK	Case 1	790.515	-51.1	97.36	95	PASS
n28	30	15	145100	38@0	CP_QPSK	Case 2	770.485	-25	97.36	95	PASS
n28	30	15	145100	38@0	CP_QPSK	Case 2	790.515	-25	97.36	95	PASS
n28	30	20	145100	51@0	CP_QPSK	Case 1	767.985	-51.5	97.36	95	PASS
n28	30	20	145100	51@0	CP_QPSK	Case 1	793.015	-51.5	97.36	95	PASS
n28	30	20	145100	51@0	CP_QPSK	Case 2	767.985	-25	97.36	95	PASS
n28	30	20	145100	51@0	CP_QPSK	Case 2	793.015	-25	97.36	95	PASS
n3	30	10	349500	24@0	CP_QPSK	Case 1	1834.985	-48.6	97.36	95	PASS
n3	30	10	349500	24@0	CP_QPSK	Case 1	1850.015	-48.6	97.36	95	PASS
n3	30	10	349500	24@0	CP_QPSK	Case 2	1834.985	-25	97.36	95	PASS
n3	30	10	349500	24@0	CP_QPSK	Case 2	1850.015	-25	97.36	95	PASS
n3	30	20	349500	51@0	CP_QPSK	Case 1	1829.985	-51.5	97.36	95	PASS
n3	30	20	349500	51@0	CP_QPSK	Case 1	1855.015	-51.5	97.36	95	PASS
n3	30	20	349500	51@0	CP_QPSK	Case 2	1829.985	-25	97.36	95	PASS
n3	30	20	349500	51@0	CP_QPSK	Case 2	1855.015	-25	97.36	95	PASS
n3	30	30	349500	78@0	CP_QPSK	Case 1	1824.985	-51	97.36	95	PASS
n3	30	30	349500	78@0	CP_QPSK	Case 1	1860.015	-51	97.36	95	PASS
n3	30	30	349500	78@0	CP_QPSK	Case 2	1824.985	-25	97.36	95	PASS
n3	30	30	349500	78@0	CP_QPSK	Case 2	1860.015	-25	97.36	95	PASS
n38	30	10	519000	24@0	CP_QPSK	Case 1	2587.485	-51.6	100.00	95	PASS
n38	30	10	519000	24@0	CP_QPSK	Case 1	2602.515	-51.6	100.00	95	PASS

n38	30	10	519000	24@0	CP_QPSK	Case 2	2587.485	-25	100.00	95	PASS
n38	30	10	519000	24@0	CP_QPSK	Case 2	2602.515	-25	100.00	95	PASS
n38	30	15	519000	38@0	CP_QPSK	Case 1	2584.985	-52.6	100.00	95	PASS
n38	30	15	519000	38@0	CP_QPSK	Case 1	2605.015	-52.6	100.00	95	PASS
n38	30	15	519000	38@0	CP_QPSK	Case 2	2584.985	-25	100.00	95	PASS
n38	30	15	519000	38@0	CP_QPSK	Case 2	2605.015	-25	100.00	95	PASS
n38	30	20	519000	51@0	CP_QPSK	Case 1	2582.485	-54.5	95.80	95	PASS
n38	30	20	519000	51@0	CP_QPSK	Case 1	2607.515	-54.5	100.00	95	PASS
n38	30	20	519000	51@0	CP_QPSK	Case 2	2582.485	-25	100.00	95	PASS
n38	30	20	519000	51@0	CP_QPSK	Case 2	2607.515	-25	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 1	3739.985	-50.1	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 1	3760.015	-50.1	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3739.985	-25	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3760.015	-25	100.00	95	PASS
n77	30	50	650000	133@0	CP_QPSK	Case 1	3699.985	-42.7	99.90	95	PASS
n77	30	50	650000	133@0	CP_QPSK	Case 1	3800.015	-42.7	100.00	95	PASS
n77	30	50	650000	133@0	CP_QPSK	Case 2	3699.985	-25	100.00	95	PASS
n77	30	50	650000	133@0	CP_QPSK	Case 2	3800.015	-25	100.00	95	PASS
n77	30	100	650000	273@0	CP_QPSK	Case 1	3649.985	-39.6	100.00	95	PASS
n77	30	100	650000	273@0	CP_QPSK	Case 1	3850.015	-39.6	100.00	95	PASS
n77	30	100	650000	273@0	CP_QPSK	Case 2	3649.985	-25	100.00	95	PASS
n77	30	100	650000	273@0	CP_QPSK	Case 2	3850.015	-25	100.00	95	PASS

n78	30	10	650000	24@0	CP_QPSK	Case 1	3739.985	-50.6	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 1	3760.015	-50.6	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3739.985	-25	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3760.015	-25	100.00	95	PASS
n78	30	50	650000	133@0	CP_QPSK	Case 1	3699.985	-43.2	99.60	95	PASS
n78	30	50	650000	133@0	CP_QPSK	Case 1	3800.015	-43.2	100.00	95	PASS
n78	30	50	650000	133@0	CP_QPSK	Case 2	3699.985	-25	100.00	95	PASS
n78	30	50	650000	133@0	CP_QPSK	Case 2	3800.015	-25	100.00	95	PASS
n78	30	100	650000	273@0	CP_QPSK	Case 1	3649.985	-40.1	100.00	95	PASS
n78	30	100	650000	273@0	CP_QPSK	Case 1	3850.015	-40.1	99.80	95	PASS
n78	30	100	650000	273@0	CP_QPSK	Case 2	3649.985	-25	100.00	95	PASS
n78	30	100	650000	273@0	CP_QPSK	Case 2	3850.015	-25	100.00	95	PASS
n8	30	10	179500	24@0	CP_QPSK	Case 1	934.985	-48.6	97.36	95	PASS
n8	30	10	179500	24@0	CP_QPSK	Case 1	950.015	-48.6	97.36	95	PASS
n8	30	10	179500	24@0	CP_QPSK	Case 2	934.985	-25	97.36	95	PASS
n8	30	10	179500	24@0	CP_QPSK	Case 2	950.015	-25	97.36	95	PASS
n8	30	15	179500	38@0	CP_QPSK	Case 1	932.485	-49.6	97.36	95	PASS
n8	30	15	179500	38@0	CP_QPSK	Case 1	952.515	-49.6	97.36	95	PASS
n8	30	15	179500	38@0	CP_QPSK	Case 2	932.485	-25	97.36	95	PASS
n8	30	15	179500	38@0	CP_QPSK	Case 2	952.515	-25	97.36	95	PASS
n8	30	20	179500	51@0	CP_QPSK	Case 1	929.985	-50.7	97.36	95	PASS
n8	30	20	179500	51@0	CP_QPSK	Case 1	955.015	-50.7	97.36	95	PASS

n8	30	20	179500	51@0	CP_QPSK	Case 2	929.985	-25	97.36	95	PASS
n8	30	20	179500	51@0	CP_QPSK	Case 2	955.015	-25	97.36	95	PASS

Clause 4.2.7 Receiver blocking characteristics in-band for NR FR1

Ban d	SCS (kHz)	Bandwid th (MHz)	UL Channe l	RB Allocatio n	Modulatio n	Case	Interferenc e Freq (MHz)	Interferenc e Level (dBm)	Throughpu t (%)	Limi t (%)	Verdic t
n1	30	10	390000	24@0	CP_QPSK	Case 1	2127.485	-56	97.36	95	PASS
n1	30	10	390000	24@0	CP_QPSK	Case 1	2152.515	-56	97.36	95	PASS
n1	30	10	390000	24@0	CP_QPSK	Case 2	2122.485	-44	97.36	95	PASS
n1	30	10	390000	24@0	CP_QPSK	Case 2	2117.485	-44	97.36	95	PASS
n1	30	10	390000	24@0	CP_QPSK	Case 2	2112.485	-44	97.36	95	PASS
n1	30	10	390000	24@0	CP_QPSK	Case 2	2107.485	-44	97.36	95	PASS
n1	30	10	390000	24@0	CP_QPSK	Case 2	2102.485	-44	97.36	95	PASS
n1	30	10	390000	24@0	CP_QPSK	Case 2	2097.485	-44	97.36	95	PASS
n1	30	10	390000	24@0	CP_QPSK	Case 2	2157.515	-44	97.36	95	PASS
n1	30	10	390000	24@0	CP_QPSK	Case 2	2162.515	-44	97.36	95	PASS
n1	30	10	390000	24@0	CP_QPSK	Case 2	2167.515	-44	97.36	95	PASS
n1	30	10	390000	24@0	CP_QPSK	Case 2	2172.515	-44	97.36	95	PASS
n1	30	10	390000	24@0	CP_QPSK	Case 2	2177.515	-44	97.36	95	PASS
n1	30	10	390000	24@0	CP_QPSK	Case 2	2182.515	-44	97.36	95	PASS
n1	30	15	390000	38@0	CP_QPSK	Case 1	2124.985	-56	97.36	95	PASS
n1	30	15	390000	38@0	CP_QPSK	Case 1	2155.015	-56	97.36	95	PASS
n1	30	15	390000	38@0	CP_QPSK	Case 2	2119.985	-44	97.36	95	PASS
n1	30	15	390000	38@0	CP_QPSK	Case	2114.985	-44	97.36	95	PASS

						2					
n1	30	15	390000	38@0	CP_QPSK	Case 2	2109.985	-44	97.36	95	PASS
n1	30	15	390000	38@0	CP_QPSK	Case 2	2104.985	-44	97.36	95	PASS
n1	30	15	390000	38@0	CP_QPSK	Case 2	2099.985	-44	97.36	95	PASS
n1	30	15	390000	38@0	CP_QPSK	Case 2	2160.015	-44	97.36	95	PASS
n1	30	15	390000	38@0	CP_QPSK	Case 2	2165.015	-44	97.36	95	PASS
n1	30	15	390000	38@0	CP_QPSK	Case 2	2170.015	-44	97.36	95	PASS
n1	30	15	390000	38@0	CP_QPSK	Case 2	2175.015	-44	97.36	95	PASS
n1	30	15	390000	38@0	CP_QPSK	Case 2	2180.015	-44	97.36	95	PASS
n1	30	20	390000	51@0	CP_QPSK	Case 1	2122.485	-56	97.36	95	PASS
n1	30	20	390000	51@0	CP_QPSK	Case 1	2157.515	-56	97.36	95	PASS
n1	30	20	390000	51@0	CP_QPSK	Case 2	2117.485	-44	97.36	95	PASS
n1	30	20	390000	51@0	CP_QPSK	Case 2	2112.485	-44	97.36	95	PASS
n1	30	20	390000	51@0	CP_QPSK	Case 2	2107.485	-44	97.36	95	PASS
n1	30	20	390000	51@0	CP_QPSK	Case 2	2102.485	-44	97.36	95	PASS
n1	30	20	390000	51@0	CP_QPSK	Case 2	2097.485	-44	97.36	95	PASS
n1	30	20	390000	51@0	CP_QPSK	Case 2	2162.515	-44	97.36	95	PASS
n1	30	20	390000	51@0	CP_QPSK	Case 2	2167.515	-44	97.36	95	PASS
n1	30	20	390000	51@0	CP_QPSK	Case 2	2172.515	-44	97.36	95	PASS
n1	30	20	390000	51@0	CP_QPSK	Case 2	2177.515	-44	97.36	95	PASS
n1	30	20	390000	51@0	CP_QPSK	Case 2	2182.515	-44	97.36	95	PASS
n20	30	10	169400	24@0	CP_QPSK	Case 1	793.485	-56	97.36	95	PASS
n20	30	10	169400	24@0	CP_QPSK	Case	818.515	-56	97.36	95	PASS

						1					
n20	30	10	169400	24@0	CP_QPSK	Case	788.485	-44	97.36	95	PASS
						2					
n20	30	10	169400	24@0	CP_QPSK	Case	783.485	-44	97.36	95	PASS
						2					
n20	30	10	169400	24@0	CP_QPSK	Case	778.485	-44	97.36	95	PASS
						2					
n20	30	10	169400	24@0	CP_QPSK	Case	823.515	-44	97.36	95	PASS
						2					
n20	30	10	169400	24@0	CP_QPSK	Case	828.515	-44	97.36	95	PASS
						2					
n20	30	10	169400	24@0	CP_QPSK	Case	833.515	-44	97.36	95	PASS
						2					
n20	30	15	169400	38@0	CP_QPSK	Case	790.985	-56	97.36	95	PASS
						1					
n20	30	15	169400	38@0	CP_QPSK	Case	821.015	-56	97.36	95	PASS
						1					
n20	30	15	169400	38@0	CP_QPSK	Case	785.985	-44	97.36	95	PASS
						2					
n20	30	15	169400	38@0	CP_QPSK	Case	780.985	-44	97.36	95	PASS
						2					
n20	30	15	169400	38@0	CP_QPSK	Case	826.015	-44	97.36	95	PASS
						2					
n20	30	15	169400	38@0	CP_QPSK	Case	831.015	-44	97.36	95	PASS
						2					
n20	30	20	169400	51@0	CP_QPSK	Case	788.485	-56	97.36	95	PASS
						1					
n20	30	20	169400	51@0	CP_QPSK	Case	823.515	-56	97.36	95	PASS
						1					
n20	30	20	169400	51@0	CP_QPSK	Case	783.485	-44	97.36	95	PASS
						2					
n20	30	20	169400	51@0	CP_QPSK	Case	778.485	-44	97.36	95	PASS
						2					
n20	30	20	169400	51@0	CP_QPSK	Case	828.515	-44	97.36	95	PASS
						2					
n20	30	20	169400	51@0	CP_QPSK	Case	833.515	-44	97.36	95	PASS
						2					
n28	30	10	145100	24@0	CP_QPSK	Case	767.985	-56	97.36	95	PASS
						1					
n28	30	10	145100	24@0	CP_QPSK	Case	793.015	-56	97.36	95	PASS
						1					
n28	30	10	145100	24@0	CP_QPSK	Case	762.985	-44	97.36	95	PASS
						2					
n28	30	10	145100	24@0	CP_QPSK	Case	757.985	-44	97.36	95	PASS

						2					
n28	30	10	145100	24@0	CP_QPSK	Case 2	752.985	-44	97.36	95	PASS
n28	30	10	145100	24@0	CP_QPSK	Case 2	747.985	-44	97.36	95	PASS
n28	30	10	145100	24@0	CP_QPSK	Case 2	798.015	-44	97.36	95	PASS
n28	30	10	145100	24@0	CP_QPSK	Case 2	803.015	-44	97.36	95	PASS
n28	30	10	145100	24@0	CP_QPSK	Case 2	808.015	-44	97.36	95	PASS
n28	30	10	145100	24@0	CP_QPSK	Case 2	813.015	-44	97.36	95	PASS
n28	30	15	145100	38@0	CP_QPSK	Case 1	765.485	-56	97.36	95	PASS
n28	30	15	145100	38@0	CP_QPSK	Case 1	795.515	-56	97.36	95	PASS
n28	30	15	145100	38@0	CP_QPSK	Case 2	760.485	-44	97.36	95	PASS
n28	30	15	145100	38@0	CP_QPSK	Case 2	755.485	-44	97.36	95	PASS
n28	30	15	145100	38@0	CP_QPSK	Case 2	750.485	-44	97.36	95	PASS
n28	30	15	145100	38@0	CP_QPSK	Case 2	745.485	-44	97.36	95	PASS
n28	30	15	145100	38@0	CP_QPSK	Case 2	800.515	-44	97.36	95	PASS
n28	30	15	145100	38@0	CP_QPSK	Case 2	805.515	-44	97.36	95	PASS
n28	30	15	145100	38@0	CP_QPSK	Case 2	810.515	-44	97.36	95	PASS
n28	30	15	145100	38@0	CP_QPSK	Case 2	815.515	-44	97.36	95	PASS
n28	30	20	145100	51@0	CP_QPSK	Case 1	762.985	-56	97.36	95	PASS
n28	30	20	145100	51@0	CP_QPSK	Case 1	798.015	-56	97.36	95	PASS
n28	30	20	145100	51@0	CP_QPSK	Case 2	757.985	-44	97.36	95	PASS
n28	30	20	145100	51@0	CP_QPSK	Case 2	752.985	-44	97.36	95	PASS
n28	30	20	145100	51@0	CP_QPSK	Case 2	747.985	-44	97.36	95	PASS
n28	30	20	145100	51@0	CP_QPSK	Case	803.015	-44	97.36	95	PASS

						2					
n28	30	20	145100	51@0	CP_QPSK	Case 2	808.015	-44	97.36	95	PASS
n28	30	20	145100	51@0	CP_QPSK	Case 2	813.015	-44	97.36	95	PASS
n3	30	10	349500	24@0	CP_QPSK	Case 1	1829.985	-56	97.36	95	PASS
n3	30	10	349500	24@0	CP_QPSK	Case 1	1855.015	-56	97.36	95	PASS
n3	30	10	349500	24@0	CP_QPSK	Case 2	1824.985	-44	97.36	95	PASS
n3	30	10	349500	24@0	CP_QPSK	Case 2	1819.985	-44	97.36	95	PASS
n3	30	10	349500	24@0	CP_QPSK	Case 2	1814.985	-44	97.36	95	PASS
n3	30	10	349500	24@0	CP_QPSK	Case 2	1809.985	-44	97.36	95	PASS
n3	30	10	349500	24@0	CP_QPSK	Case 2	1804.985	-44	97.36	95	PASS
n3	30	10	349500	24@0	CP_QPSK	Case 2	1799.985	-44	97.36	95	PASS
n3	30	10	349500	24@0	CP_QPSK	Case 2	1794.985	-44	97.36	95	PASS
n3	30	10	349500	24@0	CP_QPSK	Case 2	1860.015	-44	97.36	95	PASS
n3	30	10	349500	24@0	CP_QPSK	Case 2	1865.015	-44	97.36	95	PASS
n3	30	10	349500	24@0	CP_QPSK	Case 2	1870.015	-44	97.36	95	PASS
n3	30	10	349500	24@0	CP_QPSK	Case 2	1875.015	-44	97.36	95	PASS
n3	30	10	349500	24@0	CP_QPSK	Case 2	1880.015	-44	97.36	95	PASS
n3	30	10	349500	24@0	CP_QPSK	Case 2	1885.015	-44	97.36	95	PASS
n3	30	10	349500	24@0	CP_QPSK	Case 2	1890.015	-44	97.36	95	PASS
n3	30	20	349500	51@0	CP_QPSK	Case 1	1824.985	-56	97.36	95	PASS
n3	30	20	349500	51@0	CP_QPSK	Case 1	1860.015	-56	97.36	95	PASS
n3	30	20	349500	51@0	CP_QPSK	Case 2	1819.985	-44	97.36	95	PASS
n3	30	20	349500	51@0	CP_QPSK	Case	1814.985	-44	97.36	95	PASS

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n3	30	20	349500	51@0	CP_QPSK	Case 2	1809.985	-44	97.36	95	PASS
n3	30	20	349500	51@0	CP_QPSK	Case 2	1804.985	-44	97.36	95	PASS
n3	30	20	349500	51@0	CP_QPSK	Case 2	1799.985	-44	97.36	95	PASS
n3	30	20	349500	51@0	CP_QPSK	Case 2	1794.985	-44	97.36	95	PASS
n3	30	20	349500	51@0	CP_QPSK	Case 2	1865.015	-44	97.36	95	PASS
n3	30	20	349500	51@0	CP_QPSK	Case 2	1870.015	-44	97.36	95	PASS
n3	30	20	349500	51@0	CP_QPSK	Case 2	1875.015	-44	97.36	95	PASS
n3	30	20	349500	51@0	CP_QPSK	Case 2	1880.015	-44	97.36	95	PASS
n3	30	20	349500	51@0	CP_QPSK	Case 2	1885.015	-44	97.36	95	PASS
n3	30	20	349500	51@0	CP_QPSK	Case 2	1890.015	-44	97.36	95	PASS
n3	30	30	349500	78@0	CP_QPSK	Case 1	1819.985	-56	97.36	95	PASS
n3	30	30	349500	78@0	CP_QPSK	Case 1	1865.015	-56	97.36	95	PASS
n3	30	30	349500	78@0	CP_QPSK	Case 2	1814.985	-44	97.36	95	PASS
n3	30	30	349500	78@0	CP_QPSK	Case 2	1809.985	-44	97.36	95	PASS
n3	30	30	349500	78@0	CP_QPSK	Case 2	1804.985	-44	97.36	95	PASS
n3	30	30	349500	78@0	CP_QPSK	Case 2	1799.985	-44	97.36	95	PASS
n3	30	30	349500	78@0	CP_QPSK	Case 2	1794.985	-44	97.36	95	PASS
n3	30	30	349500	78@0	CP_QPSK	Case 2	1870.015	-44	97.36	95	PASS
n3	30	30	349500	78@0	CP_QPSK	Case 2	1875.015	-44	97.36	95	PASS
n3	30	30	349500	78@0	CP_QPSK	Case 2	1880.015	-44	97.36	95	PASS
n3	30	30	349500	78@0	CP_QPSK	Case 2	1885.015	-44	97.36	95	PASS
n3	30	30	349500	78@0	CP_QPSK	Case	1890.015	-44	97.36	95	PASS

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n38	30	10	519000	24@0	CP_QPSK	Case	2582.485	-56	100.00	95	PASS
						1					
n38	30	10	519000	24@0	CP_QPSK	Case	2607.515	-56	100.00	95	PASS
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n38	30	10	519000	24@0	CP_QPSK	Case	2577.485	-44	100.00	95	PASS
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n38	30	10	519000	24@0	CP_QPSK	Case	2572.485	-44	100.00	95	PASS
						2					
n38	30	10	519000	24@0	CP_QPSK	Case	2567.485	-44	100.00	95	PASS
						2					
n38	30	10	519000	24@0	CP_QPSK	Case	2562.485	-44	100.00	95	PASS
						2					
n38	30	10	519000	24@0	CP_QPSK	Case	2557.485	-44	100.00	95	PASS
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n38	30	10	519000	24@0	CP_QPSK	Case	2612.515	-44	100.00	95	PASS
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n38	30	10	519000	24@0	CP_QPSK	Case	2617.515	-44	100.00	95	PASS
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n38	30	10	519000	24@0	CP_QPSK	Case	2622.515	-44	100.00	95	PASS
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n38	30	10	519000	24@0	CP_QPSK	Case	2627.515	-44	100.00	95	PASS
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n38	30	10	519000	24@0	CP_QPSK	Case	2632.515	-44	100.00	95	PASS
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n38	30	15	519000	38@0	CP_QPSK	Case	2579.985	-56	100.00	95	PASS
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n38	30	15	519000	38@0	CP_QPSK	Case	2610.015	-56	100.00	95	PASS
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n38	30	15	519000	38@0	CP_QPSK	Case	2569.985	-44	100.00	95	PASS
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n38	30	15	519000	38@0	CP_QPSK	Case	2564.985	-44	100.00	95	PASS
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n38	30	15	519000	38@0	CP_QPSK	Case	2559.985	-44	100.00	95	PASS
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n38	30	15	519000	38@0	CP_QPSK	Case	2615.015	-44	100.00	95	PASS
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n38	30	15	519000	38@0	CP_QPSK	Case	2620.015	-44	100.00	95	PASS
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n38	30	15	519000	38@0	CP_QPSK	Case	2625.015	-44	100.00	95	PASS
						2					
n38	30	15	519000	38@0	CP_QPSK	Case	2630.015	-44	100.00	95	PASS

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n38	30	20	519000	51@0	CP_QPSK	Case	2577.485	-56	100.00	95	PASS
						1					
n38	30	20	519000	51@0	CP_QPSK	Case	2612.515	-56	100.00	95	PASS
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n38	30	20	519000	51@0	CP_QPSK	Case	2562.485	-44	100.00	95	PASS
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n77	30	10	650000	24@0	CP_QPSK	Case	3770.015	-56	100.00	95	PASS
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n77	30	10	650000	24@0	CP_QPSK	Case	3719.985	-44	100.00	95	PASS
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n77	30	10	650000	24@0	CP_QPSK	Case	3629.985	-44	100.00	95	PASS

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n77	30	10	650000	24@0	CP_QPSK	Case 2	3619.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3609.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3599.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3589.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3579.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3569.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3559.985	-44	100.00	95	PASS
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n77	30	10	650000	24@0	CP_QPSK	Case 2	3539.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3529.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3519.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3509.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3499.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3489.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3479.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3469.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3459.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3449.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3439.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3429.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3419.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case	3409.985	-44	100.00	95	PASS

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n77	30	10	650000	24@0	CP_QPSK	Case 2	3389.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3379.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3369.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3359.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3349.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3339.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3329.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3319.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3309.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3299.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3289.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3279.985	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3780.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3790.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3800.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3810.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3820.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3830.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3840.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3850.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case	3860.015	-44	100.00	95	PASS

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n77	30	10	650000	24@0	CP_QPSK	Case 2	3880.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3890.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3900.015	-44	100.00	95	PASS
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n77	30	10	650000	24@0	CP_QPSK	Case 2	3930.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3940.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3950.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3960.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3970.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3980.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	3990.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	4000.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	4010.015	-44	100.00	95	PASS
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n77	30	10	650000	24@0	CP_QPSK	Case 2	4030.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	4040.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	4050.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	4060.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	4070.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case	4080.015	-44	100.00	95	PASS

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n77	30	10	650000	24@0	CP_QPSK	Case 2	4100.015	-44	100.00	95	PASS
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n77	30	10	650000	24@0	CP_QPSK	Case 2	4120.015	-44	100.00	95	PASS
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n77	30	10	650000	24@0	CP_QPSK	Case 2	4140.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	4150.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	4160.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	4170.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	4180.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	4190.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	4200.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	4210.015	-44	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	Case 2	4220.015	-44	100.00	95	PASS
n77	30	50	650000	133@0	CP_QPSK	Case 1	3649.985	-56	100.00	95	PASS
n77	30	50	650000	133@0	CP_QPSK	Case 1	3850.015	-56	100.00	95	PASS
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n77	30	50	650000	133@0	CP_QPSK	Case 2	3549.985	-44	100.00	95	PASS
n77	30	50	650000	133@0	CP_QPSK	Case 2	3499.985	-44	100.00	95	PASS
n77	30	50	650000	133@0	CP_QPSK	Case 2	3449.985	-44	100.00	95	PASS
n77	30	50	650000	133@0	CP_QPSK	Case 2	3399.985	-44	100.00	95	PASS
n77	30	50	650000	133@0	CP_QPSK	Case	3349.985	-44	100.00	95	PASS

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n77	30	50	650000	133@0	CP_QPSK	Case 2	3249.985	-44	100.00	95	PASS
n77	30	50	650000	133@0	CP_QPSK	Case 2	3199.985	-44	100.00	95	PASS
n77	30	50	650000	133@0	CP_QPSK	Case 2	3900.015	-44	100.00	95	PASS
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n77	30	50	650000	133@0	CP_QPSK	Case 2	4100.015	-44	100.00	95	PASS
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n77	30	50	650000	133@0	CP_QPSK	Case 2	4200.015	-44	100.00	95	PASS
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n77	30	100	650000	273@0	CP_QPSK	Case 1	3950.015	-56	100.00	95	PASS
n77	30	100	650000	273@0	CP_QPSK	Case 2	3449.985	-44	100.00	95	PASS
n77	30	100	650000	273@0	CP_QPSK	Case 2	3349.985	-44	100.00	95	PASS
n77	30	100	650000	273@0	CP_QPSK	Case 2	3249.985	-44	100.00	95	PASS
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n77	30	100	650000	273@0	CP_QPSK	Case 2	3049.985	-44	100.00	95	PASS
n77	30	100	650000	273@0	CP_QPSK	Case 2	4050.015	-44	100.00	95	PASS
n77	30	100	650000	273@0	CP_QPSK	Case 2	4150.015	-44	100.00	95	PASS
n77	30	100	650000	273@0	CP_QPSK	Case	4250.015	-44	100.00	95	PASS

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n77	30	100	650000	273@0	CP_QPSK	Case 2	4350.015	-44	100.00	95	PASS
n77	30	100	650000	273@0	CP_QPSK	Case 2	4450.015	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 1	3729.985	-56	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 1	3770.015	-56	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3719.985	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3709.985	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3699.985	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3689.985	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3679.985	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3669.985	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3659.985	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3649.985	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3639.985	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3629.985	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3619.985	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3609.985	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3599.985	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3589.985	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3579.985	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3569.985	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3559.985	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case	3549.985	-44	100.00	95	PASS

						2					
n78	30	10	650000	24@0	CP_QPSK	Case	3539.985	-44	100.00	95	PASS
						2					
n78	30	10	650000	24@0	CP_QPSK	Case	3529.985	-44	100.00	95	PASS
						2					
n78	30	10	650000	24@0	CP_QPSK	Case	3519.985	-44	100.00	95	PASS
						2					
n78	30	10	650000	24@0	CP_QPSK	Case	3509.985	-44	100.00	95	PASS
						2					
n78	30	10	650000	24@0	CP_QPSK	Case	3499.985	-44	100.00	95	PASS
						2					
n78	30	10	650000	24@0	CP_QPSK	Case	3489.985	-44	100.00	95	PASS
						2					
n78	30	10	650000	24@0	CP_QPSK	Case	3479.985	-44	100.00	95	PASS
						2					
n78	30	10	650000	24@0	CP_QPSK	Case	3469.985	-44	100.00	95	PASS
						2					
n78	30	10	650000	24@0	CP_QPSK	Case	3459.985	-44	100.00	95	PASS
						2					
n78	30	10	650000	24@0	CP_QPSK	Case	3449.985	-44	100.00	95	PASS
						2					
n78	30	10	650000	24@0	CP_QPSK	Case	3439.985	-44	100.00	95	PASS
						2					
n78	30	10	650000	24@0	CP_QPSK	Case	3429.985	-44	100.00	95	PASS
						2					
n78	30	10	650000	24@0	CP_QPSK	Case	3419.985	-44	100.00	95	PASS
						2					
n78	30	10	650000	24@0	CP_QPSK	Case	3409.985	-44	100.00	95	PASS
						2					
n78	30	10	650000	24@0	CP_QPSK	Case	3399.985	-44	100.00	95	PASS
						2					
n78	30	10	650000	24@0	CP_QPSK	Case	3389.985	-44	100.00	95	PASS
						2					
n78	30	10	650000	24@0	CP_QPSK	Case	3379.985	-44	100.00	95	PASS
						2					
n78	30	10	650000	24@0	CP_QPSK	Case	3369.985	-44	100.00	95	PASS
						2					
n78	30	10	650000	24@0	CP_QPSK	Case	3359.985	-44	100.00	95	PASS
						2					
n78	30	10	650000	24@0	CP_QPSK	Case	3349.985	-44	100.00	95	PASS
						2					
n78	30	10	650000	24@0	CP_QPSK	Case	3339.985	-44	100.00	95	PASS
						2					
n78	30	10	650000	24@0	CP_QPSK	Case	3329.985	-44	100.00	95	PASS

						2					
n78	30	10	650000	24@0	CP_QPSK	Case 2	3319.985	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3309.985	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3299.985	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3289.985	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3279.985	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3780.015	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3790.015	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3800.015	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3810.015	-44	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	Case 2	3820.015	-44	100.00	95	PASS
n78	30	50	650000	133@0	CP_QPSK	Case 1	3649.985	-56	100.00	95	PASS
n78	30	50	650000	133@0	CP_QPSK	Case 1	3850.015	-56	100.00	95	PASS
n78	30	50	650000	133@0	CP_QPSK	Case 2	3599.985	-44	100.00	95	PASS
n78	30	50	650000	133@0	CP_QPSK	Case 2	3549.985	-44	100.00	95	PASS
n78	30	50	650000	133@0	CP_QPSK	Case 2	3499.985	-44	100.00	95	PASS
n78	30	50	650000	133@0	CP_QPSK	Case 2	3449.985	-44	100.00	95	PASS
n78	30	50	650000	133@0	CP_QPSK	Case 2	3399.985	-44	100.00	95	PASS
n78	30	50	650000	133@0	CP_QPSK	Case 2	3349.985	-44	100.00	95	PASS
n78	30	50	650000	133@0	CP_QPSK	Case 2	3299.985	-44	100.00	95	PASS
n78	30	50	650000	133@0	CP_QPSK	Case 2	3249.985	-44	100.00	95	PASS
n78	30	50	650000	133@0	CP_QPSK	Case 2	3199.985	-44	100.00	95	PASS
n78	30	50	650000	133@0	CP_QPSK	Case	3900.015	-44	100.00	95	PASS

						2					
n78	30	100	650000	273@0	CP_QPSK	Case	3549.985	-56	100.00	95	PASS
						1					
n78	30	100	650000	273@0	CP_QPSK	Case	3950.015	-56	100.00	95	PASS
						1					
n78	30	100	650000	273@0	CP_QPSK	Case	3449.985	-44	100.00	95	PASS
						2					
n78	30	100	650000	273@0	CP_QPSK	Case	3349.985	-44	100.00	95	PASS
						2					
n78	30	100	650000	273@0	CP_QPSK	Case	3249.985	-44	100.00	95	PASS
						2					
n78	30	100	650000	273@0	CP_QPSK	Case	3149.985	-44	100.00	95	PASS
						2					
n78	30	100	650000	273@0	CP_QPSK	Case	3049.985	-44	100.00	95	PASS
						2					
n78	30	100	650000	273@0	CP_QPSK	Case	4050.015	-44	100.00	95	PASS
						2					
n8	30	10	179500	24@0	CP_QPSK	Case	929.985	-56	97.36	95	PASS
						1					
n8	30	10	179500	24@0	CP_QPSK	Case	955.015	-56	97.36	95	PASS
						1					
n8	30	10	179500	24@0	CP_QPSK	Case	924.985	-44	97.36	95	PASS
						2					
n8	30	10	179500	24@0	CP_QPSK	Case	919.985	-44	97.36	95	PASS
						2					
n8	30	10	179500	24@0	CP_QPSK	Case	914.985	-44	97.36	95	PASS
						2					
n8	30	10	179500	24@0	CP_QPSK	Case	960.015	-44	97.36	95	PASS
						2					
n8	30	10	179500	24@0	CP_QPSK	Case	965.015	-44	97.36	95	PASS
						2					
n8	30	10	179500	24@0	CP_QPSK	Case	970.015	-44	97.36	95	PASS
						2					
n8	30	15	179500	38@0	CP_QPSK	Case	927.485	-56	97.36	95	PASS
						1					
n8	30	15	179500	38@0	CP_QPSK	Case	957.515	-56	97.36	95	PASS
						1					
n8	30	15	179500	38@0	CP_QPSK	Case	922.485	-44	97.36	95	PASS
						2					
n8	30	15	179500	38@0	CP_QPSK	Case	917.485	-44	97.36	95	PASS
						2					
n8	30	15	179500	38@0	CP_QPSK	Case	912.485	-44	97.36	95	PASS
						2					
n8	30	15	179500	38@0	CP_QPSK	Case	962.515	-44	97.36	95	PASS

						2					
n8	30	15	179500	38@0	CP_QPSK	Case 2	967.515	-44	97.36	95	PASS
n8	30	15	179500	38@0	CP_QPSK	Case 2	972.515	-44	97.36	95	PASS
n8	30	20	179500	51@0	CP_QPSK	Case 1	924.985	-56	97.36	95	PASS
n8	30	20	179500	51@0	CP_QPSK	Case 1	960.015	-56	97.36	95	PASS
n8	30	20	179500	51@0	CP_QPSK	Case 2	919.985	-44	97.36	95	PASS
n8	30	20	179500	51@0	CP_QPSK	Case 2	914.985	-44	97.36	95	PASS
n8	30	20	179500	51@0	CP_QPSK	Case 2	965.015	-44	97.36	95	PASS
n8	30	20	179500	51@0	CP_QPSK	Case 2	970.015	-44	97.36	95	PASS

Clause 4.2.7 Receiver blocking characteristics narrow-band for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Interference Freq (MHz)	Interference Level (dBm)	Throughput (%)	Limit (%)	Verdict
n1	30	10	390000	24@0	CP_QPSK	2140	-55	97.36	95	PASS
n1	30	10	390000	24@0	CP_QPSK	2140	-55	97.36	95	PASS
n1	30	15	390000	38@0	CP_QPSK	2140	-55	97.36	95	PASS
n1	30	15	390000	38@0	CP_QPSK	2140	-55	97.36	95	PASS
n1	30	20	390000	51@0	CP_QPSK	2140	-55	97.36	95	PASS
n1	30	20	390000	51@0	CP_QPSK	2140	-55	97.36	95	PASS
n20	30	10	169400	24@0	CP_QPSK	806	-55	97.36	95	PASS
n20	30	10	169400	24@0	CP_QPSK	806	-55	97.36	95	PASS
n20	30	15	169400	38@0	CP_QPSK	806	-55	97.36	95	PASS
n20	30	15	169400	38@0	CP_QPSK	806	-55	97.36	95	PASS
n20	30	20	169400	51@0	CP_QPSK	806	-55	97.36	95	PASS
n20	30	20	169400	51@0	CP_QPSK	806	-55	97.36	95	PASS
n28	30	10	145100	24@0	CP_QPSK	780.5	-55	97.36	95	PASS
n28	30	10	145100	24@0	CP_QPSK	780.5	-55	97.36	95	PASS
n28	30	15	145100	38@0	CP_QPSK	780.5	-55	97.36	95	PASS
n28	30	15	145100	38@0	CP_QPSK	780.5	-55	97.36	95	PASS
n28	30	20	145100	51@0	CP_QPSK	780.5	-55	97.36	95	PASS
n28	30	20	145100	51@0	CP_QPSK	780.5	-55	97.36	95	PASS
n3	30	10	349500	24@0	CP_QPSK	1842.5	-55	97.36	95	PASS
n3	30	10	349500	24@0	CP_QPSK	1842.5	-55	97.36	95	PASS
n3	30	20	349500	51@0	CP_QPSK	1842.5	-55	97.36	95	PASS
n3	30	20	349500	51@0	CP_QPSK	1842.5	-55	97.36	95	PASS
n3	30	30	349500	78@0	CP_QPSK	1842.5	-55	97.36	95	PASS

n3	30	30	349500	78@0	CP_QPSK	1842.5	-55	97.36	95	PASS
n38	30	10	519000	24@0	CP_QPSK	2595	-55	100.00	95	PASS
n38	30	10	519000	24@0	CP_QPSK	2595	-55	100.00	95	PASS
n38	30	15	519000	38@0	CP_QPSK	2595	-55	99.70	95	PASS
n38	30	15	519000	38@0	CP_QPSK	2595	-55	99.90	95	PASS
n38	30	20	519000	51@0	CP_QPSK	2595	-55	100.00	95	PASS
n38	30	20	519000	51@0	CP_QPSK	2595	-55	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	3750	-55	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	3750	-55	100.00	95	PASS
n77	30	50	650000	133@0	CP_QPSK	3750	-55	100.00	95	PASS
n77	30	50	650000	133@0	CP_QPSK	3750	-55	100.00	95	PASS
n77	30	100	650000	273@0	CP_QPSK	3699.135	-55	100.00	95	PASS
n77	30	100	650000	273@0	CP_QPSK	3800.865	-55	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	3750	-55	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	3750	-55	100.00	95	PASS
n78	30	50	650000	133@0	CP_QPSK	3750	-55	100.00	95	PASS
n78	30	50	650000	133@0	CP_QPSK	3750	-55	100.00	95	PASS
n78	30	100	650000	273@0	CP_QPSK	3699.135	-55	100.00	95	PASS
n78	30	100	650000	273@0	CP_QPSK	3800.865	-55	100.00	95	PASS
n8	30	10	179500	24@0	CP_QPSK	942.5	-55	97.36	95	PASS
n8	30	10	179500	24@0	CP_QPSK	942.5	-55	97.36	95	PASS
n8	30	15	179500	38@0	CP_QPSK	942.5	-55	97.36	95	PASS
n8	30	15	179500	38@0	CP_QPSK	942.5	-55	97.36	95	PASS
n8	30	20	179500	51@0	CP_QPSK	942.5	-55	97.36	95	PASS
n8	30	20	179500	51@0	CP_QPSK	942.5	-55	97.36	95	PASS

Clause 4.2.9 Receiver intermodulation characteristics for NR FR1

Ban d	SC S (kHz)	Bandwi dth (MHz)	UL Chan nel	RB Allocati on	Modulati on	Interferen ce1 Freq (MHz)	Interferen ce1 Level (dBm)	Interferen ce2 Freq (MHz)	Interferen ce2 Level (dBm)	Through put (%)	Lim it (%)	Verdi ct
n1	30	10	39000 0	24@0	CP_QP SK	2142.5	-46	2145	-46	97.36	95	PAS S
n1	30	10	39000 0	24@0	CP_QP SK	2137.5	-46	2135	-46	97.36	95	PAS S
n1	30	15	39000 0	38@0	CP_QP SK	2140	-46	2140	-46	97.36	95	PAS S
n1	30	15	39000 0	38@0	CP_QP SK	2140	-46	2140	-46	95.17	95	PAS S
n1	30	20	39000 0	51@0	CP_QP SK	2137.5	-46	2135	-46	97.36	95	PAS S
n1	30	20	39000 0	51@0	CP_QP SK	2142.5	-46	2145	-46	97.36	95	PAS S
n20	30	10	16940	24@0	CP_QP	808.5	-46	811	-46	97.36	95	PAS

			0		SK							S
n20	30	10	16940	24@0	CP_QP	803.5	-46	801	-46	97.36	95	PAS
			0		SK							S
n20	30	15	16940	38@0	CP_QP	806	-46	806	-46	97.36	95	PAS
			0		SK							S
n20	30	15	16940	38@0	CP_QP	806	-46	806	-46	97.36	95	PAS
			0		SK							S
n20	30	20	16940	51@0	CP_QP	803.5	-46	801	-46	97.36	95	PAS
			0		SK							S
n20	30	20	16940	51@0	CP_QP	808.5	-46	811	-46	97.36	95	PAS
			0		SK							S
n28	30	10	14510	24@0	CP_QP	783	-46	785.5	-46	97.36	95	PAS
			0		SK							S
n28	30	10	14510	24@0	CP_QP	778	-46	775.5	-46	97.36	95	PAS
			0		SK							S
n28	30	15	14510	38@0	CP_QP	780.5	-46	780.5	-46	97.36	95	PAS
			0		SK							S
n28	30	15	14510	38@0	CP_QP	780.5	-46	780.5	-46	97.36	95	PAS
			0		SK							S
n28	30	20	14510	51@0	CP_QP	778	-46	775.5	-46	97.36	95	PAS
			0		SK							S
n28	30	20	14510	51@0	CP_QP	783	-46	785.5	-46	97.36	95	PAS
			0		SK							S
n3	30	10	34950	24@0	CP_QP	1845	-46	1847.5	-46	97.36	95	PAS
			0		SK							S
n3	30	10	34950	24@0	CP_QP	1840	-46	1837.5	-46	97.36	95	PAS
			0		SK							S
n3	30	20	34950	51@0	CP_QP	1840	-46	1837.5	-46	97.36	95	PAS
			0		SK							S
n3	30	20	34950	51@0	CP_QP	1845	-46	1847.5	-46	97.36	95	PAS
			0		SK							S
n3	30	30	34950	78@0	CP_QP	1835	-46	1827.5	-46	97.36	95	PAS
			0		SK							S
n3	30	30	34950	78@0	CP_QP	1850	-46	1857.5	-46	97.36	95	PAS
			0		SK							S
n38	30	20	51900	51@0	CP_QP	2592.5	-46	2590	-46	100.00	95	PAS
			0		SK							S
n38	30	20	51900	51@0	CP_QP	2597.5	-46	2600	-46	100.00	95	PAS
			0		SK							S
n77	30	10	65000	24@0	CP_QP	3730	-46	3710	-46	100.00	95	PAS
			0		SK							S
n77	30	10	65000	24@0	CP_QP	3770	-46	3790	-46	100.00	95	PAS
			0		SK							S
n77	30	50	65000	133@0	CP_QP	3650	-46	3550	-46	100.00	95	PAS

			0		SK							S
n77	30	50	65000	133@0	CP_QP	3850	-46	3950	-46	100.00	95	PAS
			0		SK							S
n77	30	100	65000	273@0	CP_QP	3550	-46	3350	-46	100.00	95	PAS
			0		SK							S
n77	30	100	65000	273@0	CP_QP	3950	-46	4150	-46	100.00	95	PAS
			0		SK							S
n78	30	10	65000	24@0	CP_QP	3730	-46	3710	-46	100.00	95	PAS
			0		SK							S
n78	30	10	65000	24@0	CP_QP	3770	-46	3790	-46	100.00	95	PAS
			0		SK							S
n78	30	50	65000	133@0	CP_QP	3650	-46	3550	-46	100.00	95	PAS
			0		SK							S
n78	30	50	65000	133@0	CP_QP	3850	-46	3950	-46	100.00	95	PAS
			0		SK							S
n78	30	100	65000	273@0	CP_QP	3550	-46	3350	-46	100.00	95	PAS
			0		SK							S
n78	30	100	65000	273@0	CP_QP	3950	-46	4150	-46	100.00	95	PAS
			0		SK							S
n8	30	10	17950	24@0	CP_QP	945	-46	947.5	-46	97.36	95	PAS
			0		SK							S
n8	30	10	17950	24@0	CP_QP	940	-46	937.5	-46	97.36	95	PAS
			0		SK							S
n8	30	15	17950	38@0	CP_QP	942.5	-46	942.5	-46	97.36	95	PAS
			0		SK							S
n8	30	15	17950	38@0	CP_QP	942.5	-46	942.5	-46	97.36	95	PAS
			0		SK							S
n8	30	20	17950	51@0	CP_QP	940	-46	937.5	-46	97.36	95	PAS
			0		SK							S
n8	30	20	17950	51@0	CP_QP	945	-46	947.5	-46	97.36	95	PAS
			0		SK							S

Clause 4.2.10 Receiver spurious emissions for NR FR1

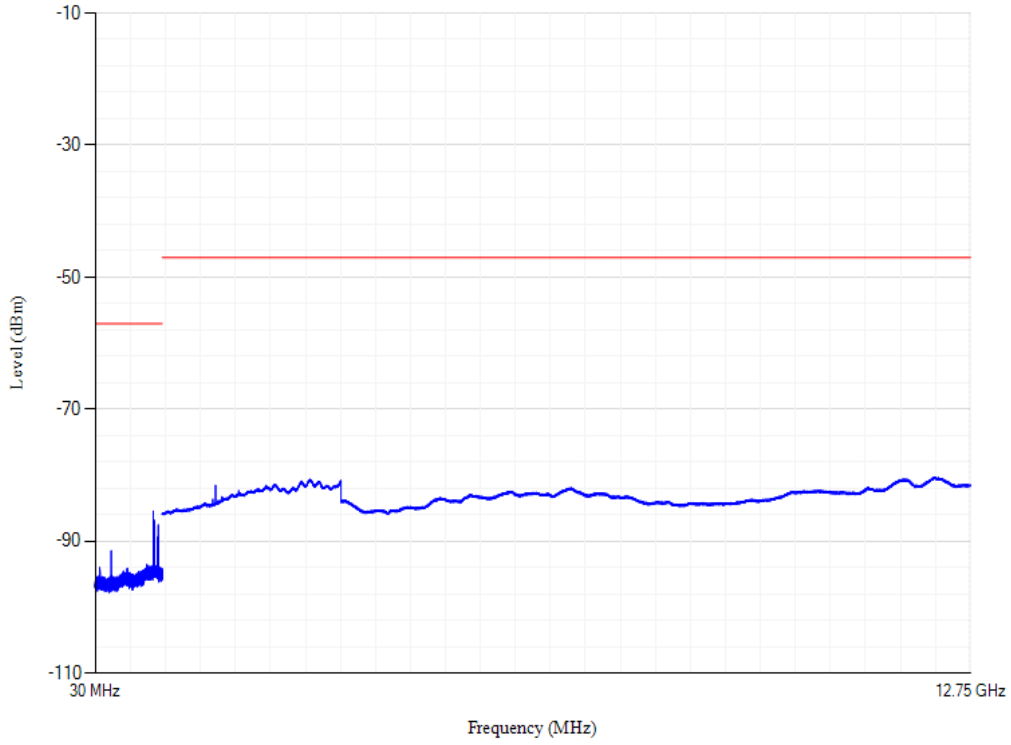
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	Range (MHz)	RBW	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n1	30	20	386000	30 MHz-1000 MHz	100 kHz	870.408	-85.40	-57	PASS
n1	30	20	386000	1000 MHz-12.75 GHz	1 MHz	12244.75	-80.26	-47	PASS
n1	30	20	390000	30 MHz-1000 MHz	100 kHz	874.482	-82.32	-57	PASS
n1	30	20	390000	1000 MHz-12.75 GHz	1 MHz	1957.625	-56.96	-47	PASS
n1	30	20	394000	30 MHz-1000 MHz	100 kHz	875.452	-81.32	-57	PASS

				MHz	kHz				
n1	30	20	394000	1000 MHz-12.75 GHz	1 MHz	1958.604167	-77.63	-47	PASS
n20	30	20	168400	30 MHz-1000 MHz	100 kHz	259.987	-92.95	-57	PASS
n20	30	20	168400	1000 MHz-12.75 GHz	1 MHz	12223.20833	-81.81	-47	PASS
n20	30	20	169400	30 MHz-1000 MHz	100 kHz	259.987	-93.66	-57	PASS
n20	30	20	169400	1000 MHz-12.75 GHz	1 MHz	12215.375	-81.82	-47	PASS
n20	30	20	170400	30 MHz-1000 MHz	100 kHz	259.987	-93.20	-57	PASS
n20	30	20	170400	1000 MHz-12.75 GHz	1 MHz	12227.125	-81.81	-47	PASS
n28	30	20	142600	30 MHz-1000 MHz	100 kHz	259.987	-93.77	-57	PASS
n28	30	20	142600	1000 MHz-12.75 GHz	1 MHz	12242.79167	-81.99	-47	PASS
n28	30	20	145100	30 MHz-1000 MHz	100 kHz	259.987	-93.33	-57	PASS
n28	30	20	145100	1000 MHz-12.75 GHz	1 MHz	12216.35417	-81.88	-47	PASS
n28	30	20	147600	30 MHz-1000 MHz	100 kHz	259.987	-92.03	-57	PASS
n28	30	20	147600	1000 MHz-12.75 GHz	1 MHz	12259.4375	-81.96	-47	PASS
n3	30	30	345000	30 MHz-1000 MHz	100 kHz	259.987	-93.13	-57	PASS
n3	30	30	345000	1000 MHz-12.75 GHz	1 MHz	12234.95833	-80.79	-47	PASS
n3	30	30	349500	30 MHz-1000 MHz	100 kHz	259.987	-92.47	-57	PASS
n3	30	30	349500	1000 MHz-12.75 GHz	1 MHz	12221.25	-80.71	-47	PASS
n3	30	30	354000	30 MHz-1000 MHz	100 kHz	259.987	-92.64	-57	PASS
n3	30	30	354000	1000 MHz-12.75 GHz	1 MHz	12257.47917	-80.57	-47	PASS
n38	30	20	516000	30 MHz-1000 MHz	100 kHz	259.987	-90.80	-57	PASS
n38	30	20	516000	1000 MHz-12.75 GHz	1 MHz	2578.416667	-77.42	-47	PASS
n38	30	20	519000	30 MHz-1000 MHz	100 kHz	259.987	-91.52	-57	PASS

				MHz	kHz				
n38	30	20	519000	1000 MHz-12.75 GHz	1 MHz	12267.27083	-79.49	-47	PASS
n38	30	20	522000	30 MHz-1000 MHz	100 kHz	259.987	-91.87	-57	PASS
n38	30	20	522000	1000 MHz-12.75 GHz	1 MHz	12238.875	-79.42	-47	PASS
n77	30	100	623334	30 MHz-1000 MHz	100 kHz	32.037	-67.79	-57	PASS
n77	30	100	623334	1000 MHz-12.75 GHz	1 MHz	1301.583333	-69.80	-47	PASS
n77	30	100	623334	12.75 GHz-26 GHz	1 MHz	25574.89583	-67.61	-47	PASS
n77	30	100	650000	30 MHz-1000 MHz	100 kHz	831.317	-65.23	-57	PASS
n77	30	100	650000	1000 MHz-12.75 GHz	1 MHz	2443.291667	-77.44	-47	PASS
n77	30	100	650000	12.75 GHz-26 GHz	1 MHz	25642.25	-67.38	-47	PASS
n77	30	100	676666	30 MHz-1000 MHz	100 kHz	32.037	-67.22	-57	PASS
n77	30	100	676666	1000 MHz-12.75 GHz	1 MHz	2480.5	-75.55	-47	PASS
n77	30	100	676666	12.75 GHz-26 GHz	1 MHz	25589.25	-67.23	-47	PASS
n78	30	100	650000	30 MHz-1000 MHz	100 kHz	32.037	-75.15	-57	PASS
n78	30	100	650000	1000 MHz-12.75 GHz	1 MHz	2118.208333	-77.24	-47	PASS
n78	30	100	650000	12.75 GHz-26 GHz	1 MHz	25242.54167	-67.40	-47	PASS
n8	30	20	178000	30 MHz-1000 MHz	100 kHz	259.987	-94.40	-57	PASS
n8	30	20	178000	1000 MHz-12.75 GHz	1 MHz	12218.3125	-81.64	-47	PASS
n8	30	20	179500	30 MHz-1000 MHz	100 kHz	259.987	-94.01	-57	PASS
n8	30	20	179500	1000 MHz-12.75 GHz	1 MHz	12221.25	-81.57	-47	PASS
n8	30	20	181000	30 MHz-1000 MHz	100 kHz	259.987	-93.64	-57	PASS
n8	30	20	181000	1000 MHz-12.75 GHz	1 MHz	12221.25	-81.61	-47	PASS

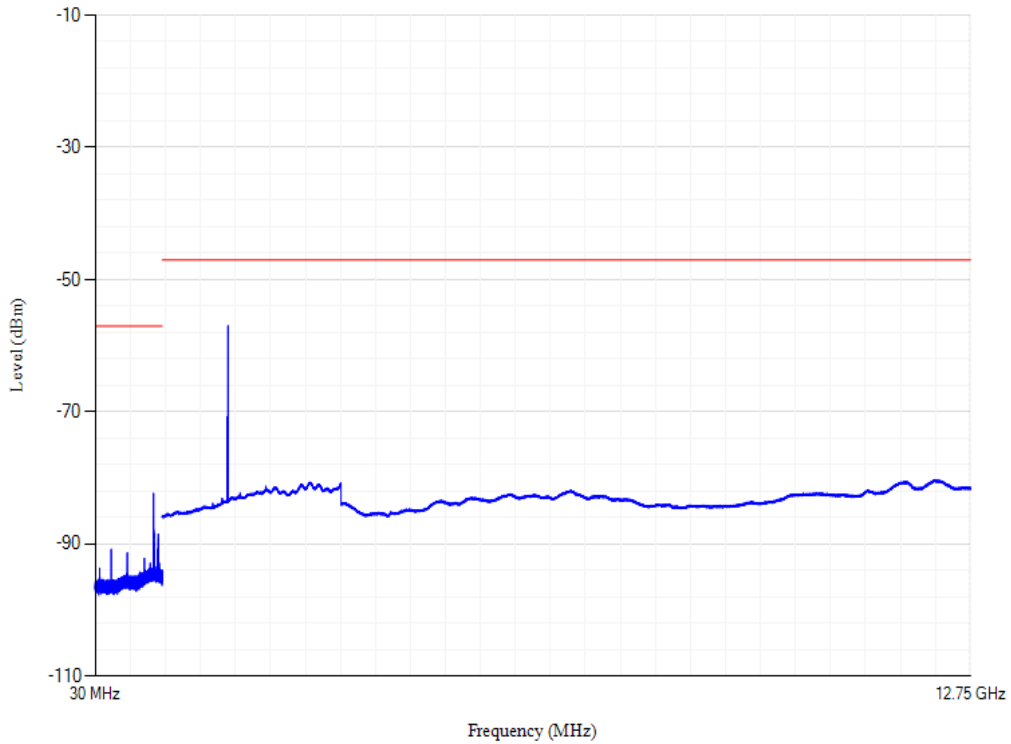
n1 SCS=30kHz BW=20MHz Channel=386000

Conducted spurious emissions



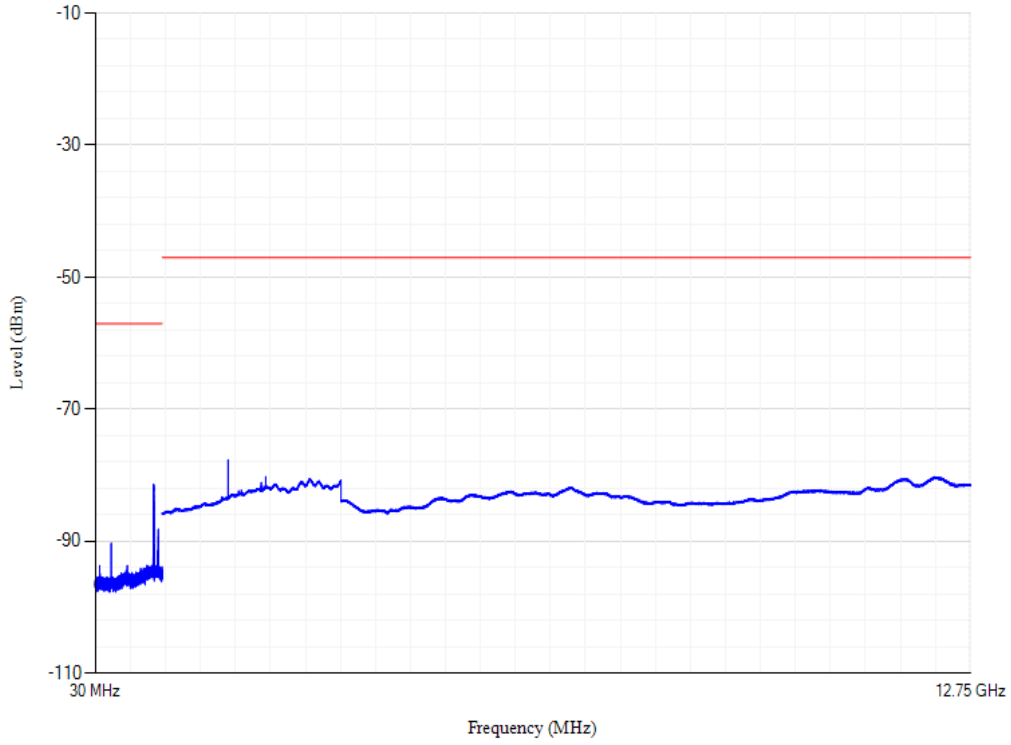
n1 SCS=30kHz BW=20MHz Channel=390000

Conducted spurious emissions



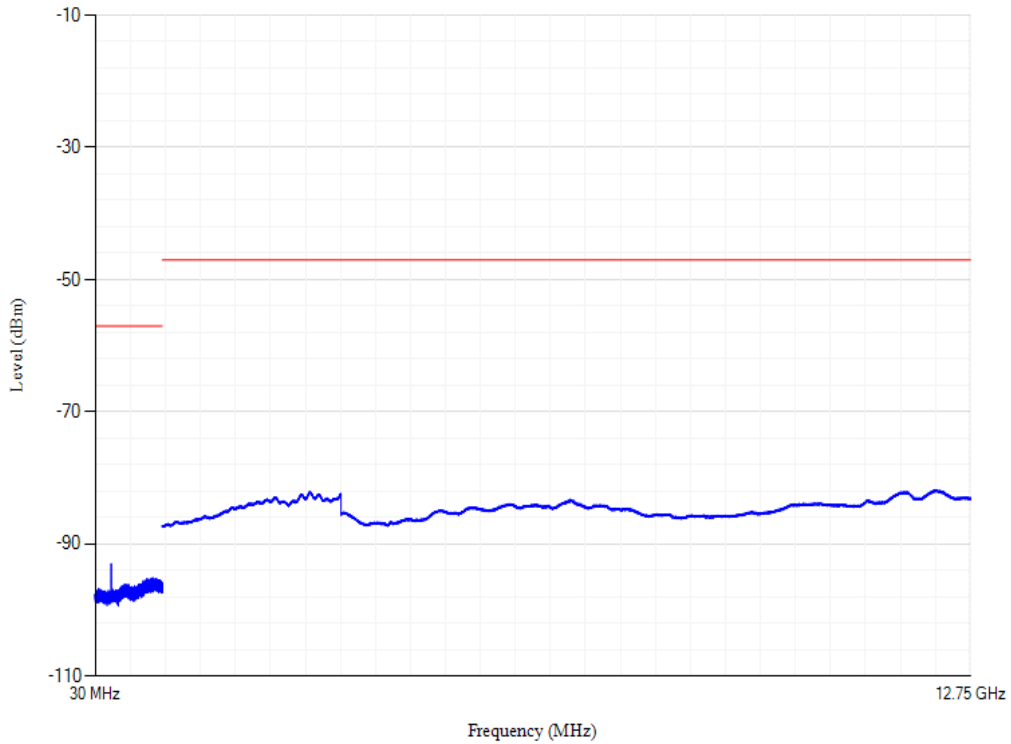
n1 SCS=30kHz BW=20MHz Channel=394000

Conducted spurious emissions



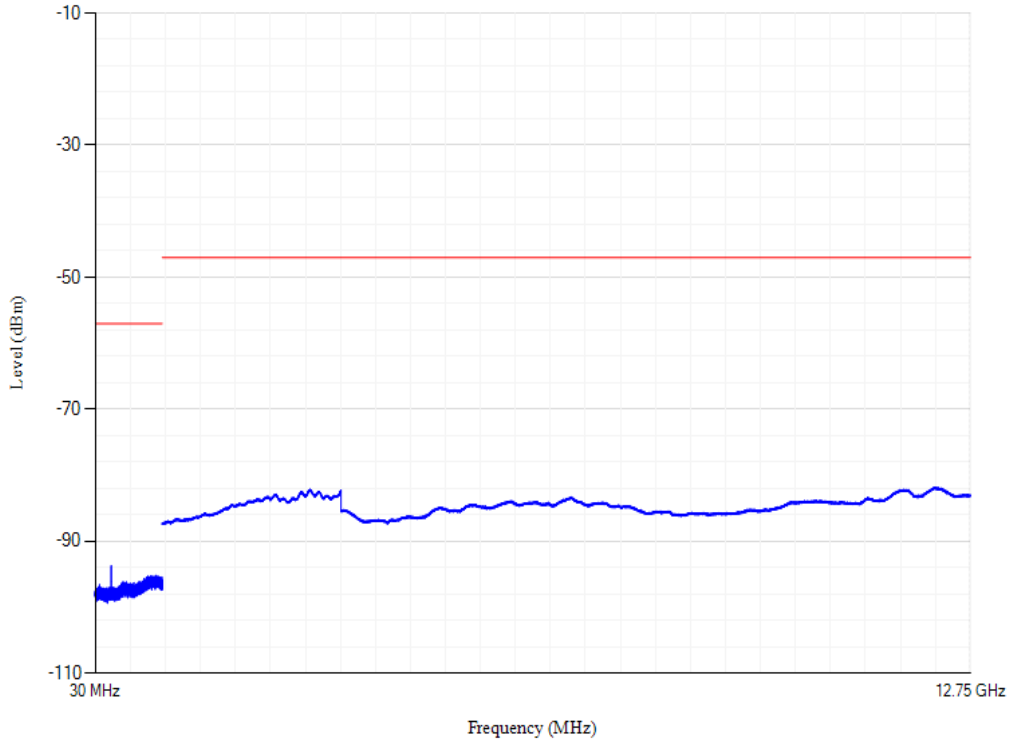
n20 SCS=30kHz BW=20MHz Channel=168400

Conducted spurious emissions



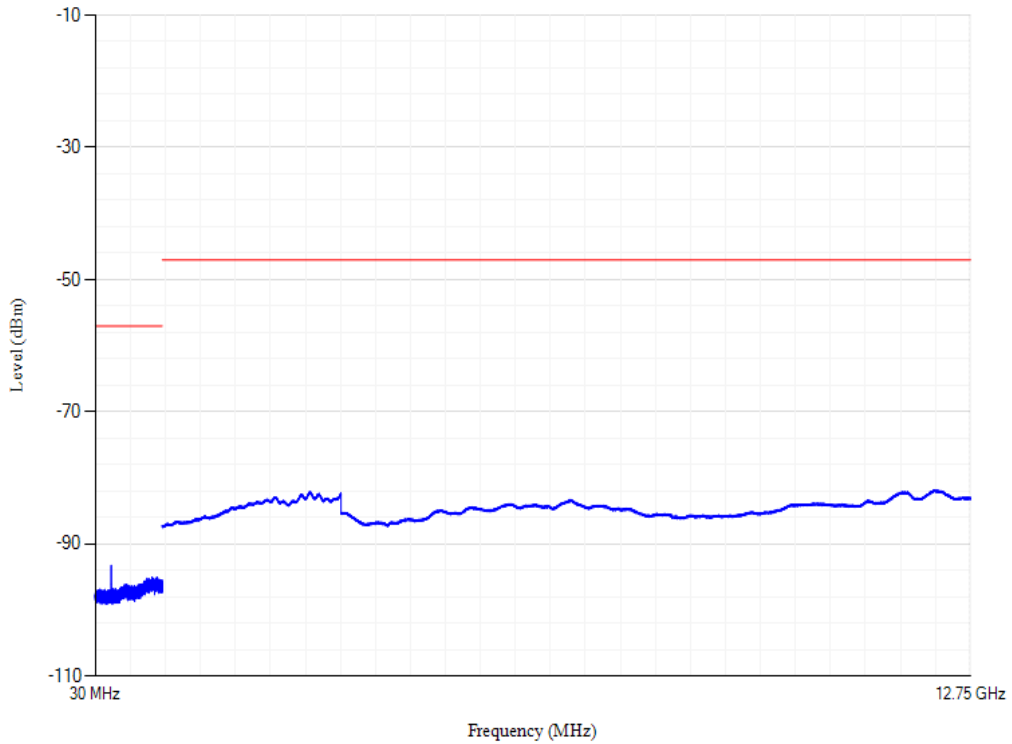
n20 SCS=30kHz BW=20MHz Channel=169400

Conducted spurious emissions



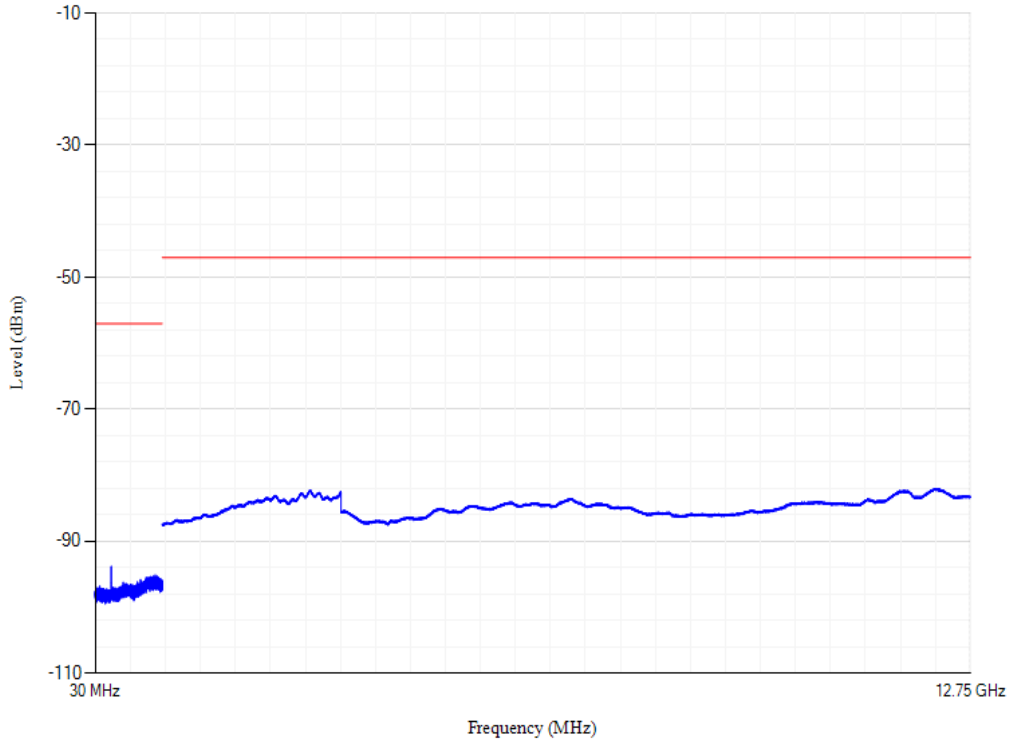
n20 SCS=30kHz BW=20MHz Channel=170400

Conducted spurious emissions



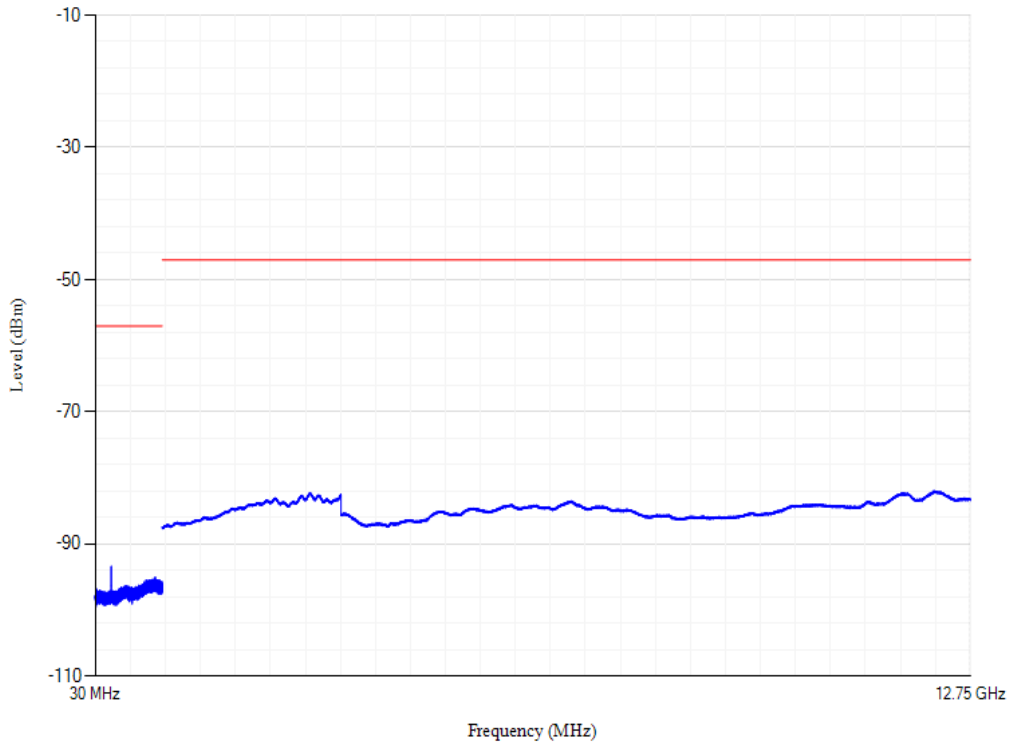
n28 SCS=30kHz BW=20MHz Channel=142600

Conducted spurious emissions



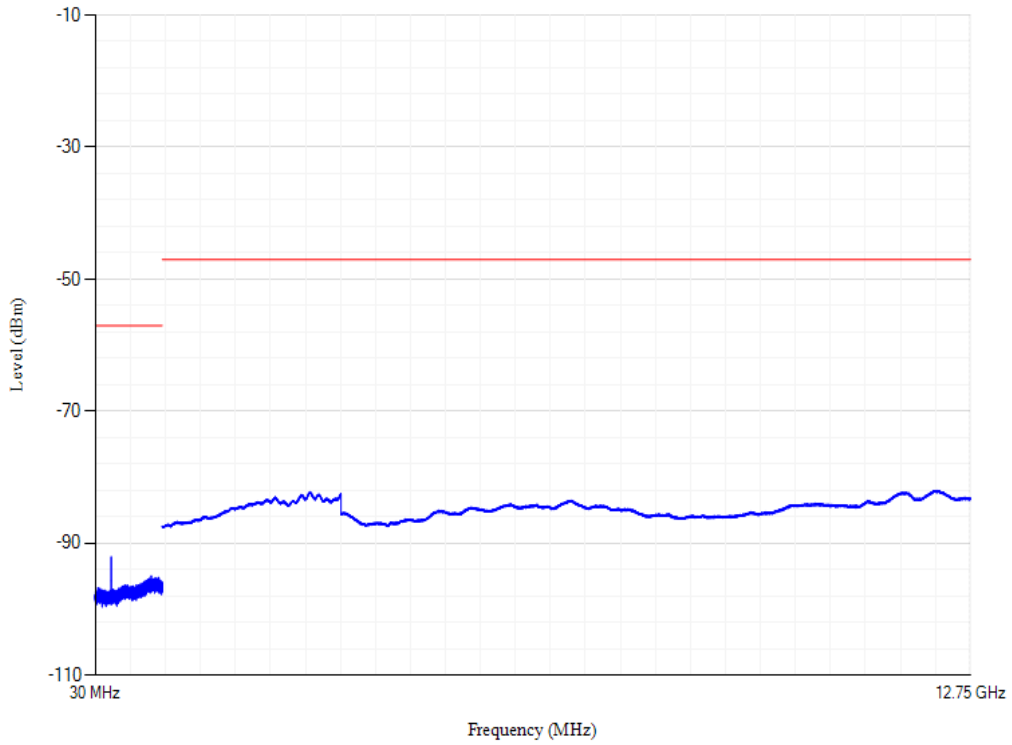
n28 SCS=30kHz BW=20MHz Channel=145100

Conducted spurious emissions



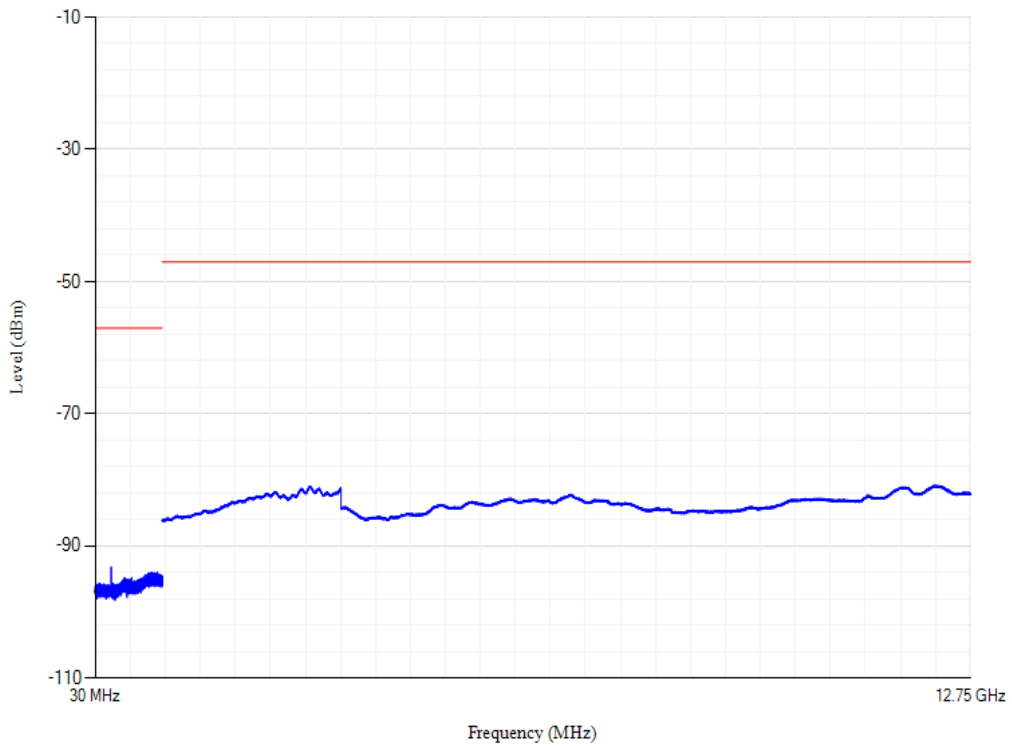
n28 SCS=30kHz BW=20MHz Channel=147600

Conducted spurious emissions



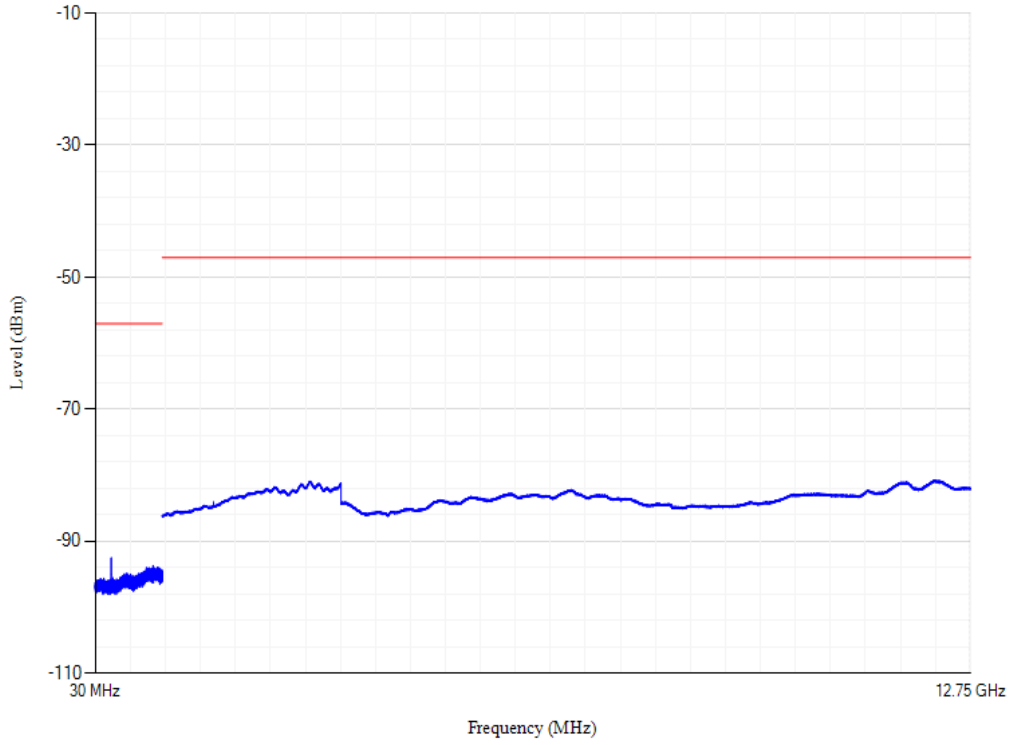
n3 SCS=30kHz BW=30MHz Channel=345000

Conducted spurious emissions



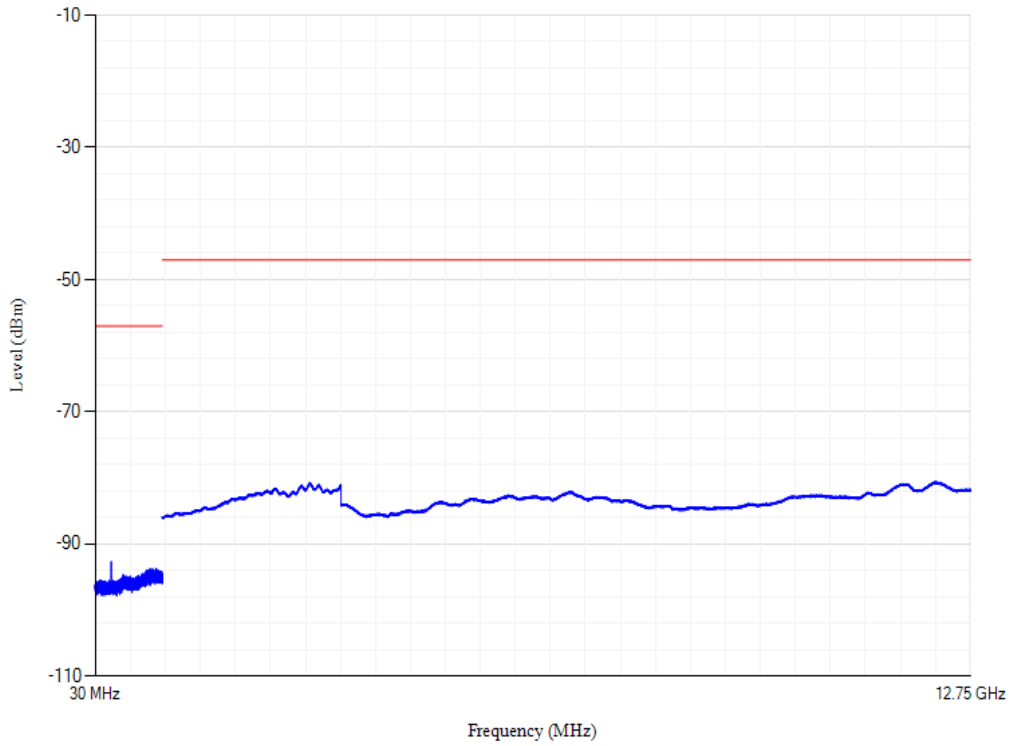
n3 SCS=30kHz BW=30MHz Channel=349500

Conducted spurious emissions



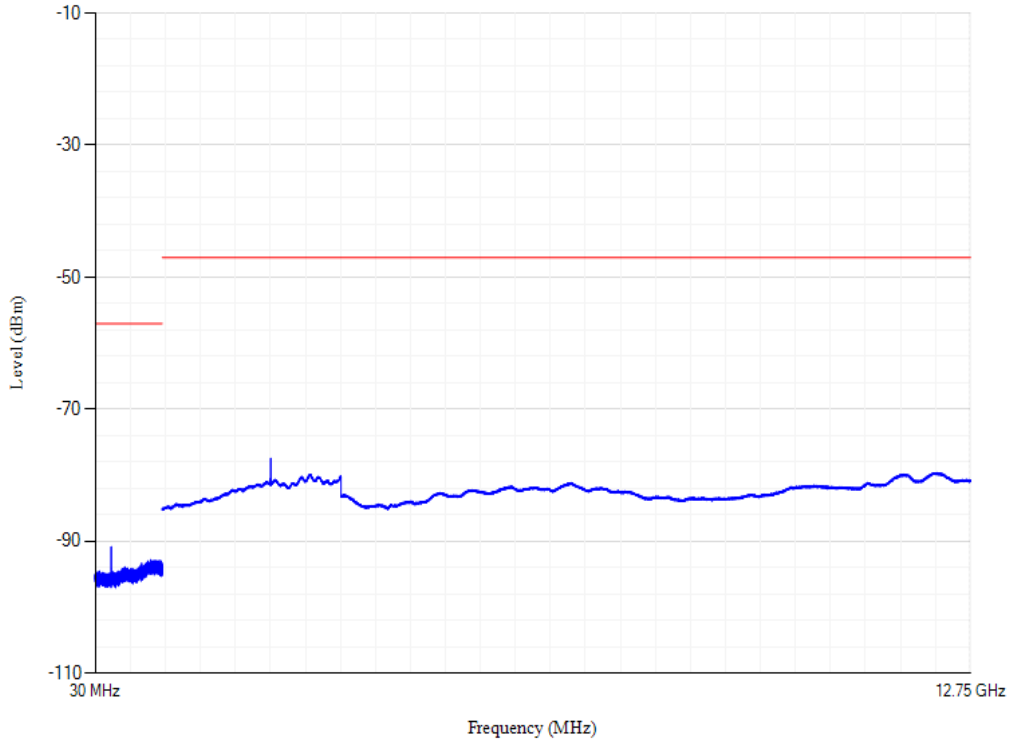
n3 SCS=30kHz BW=30MHz Channel=354000

Conducted spurious emissions



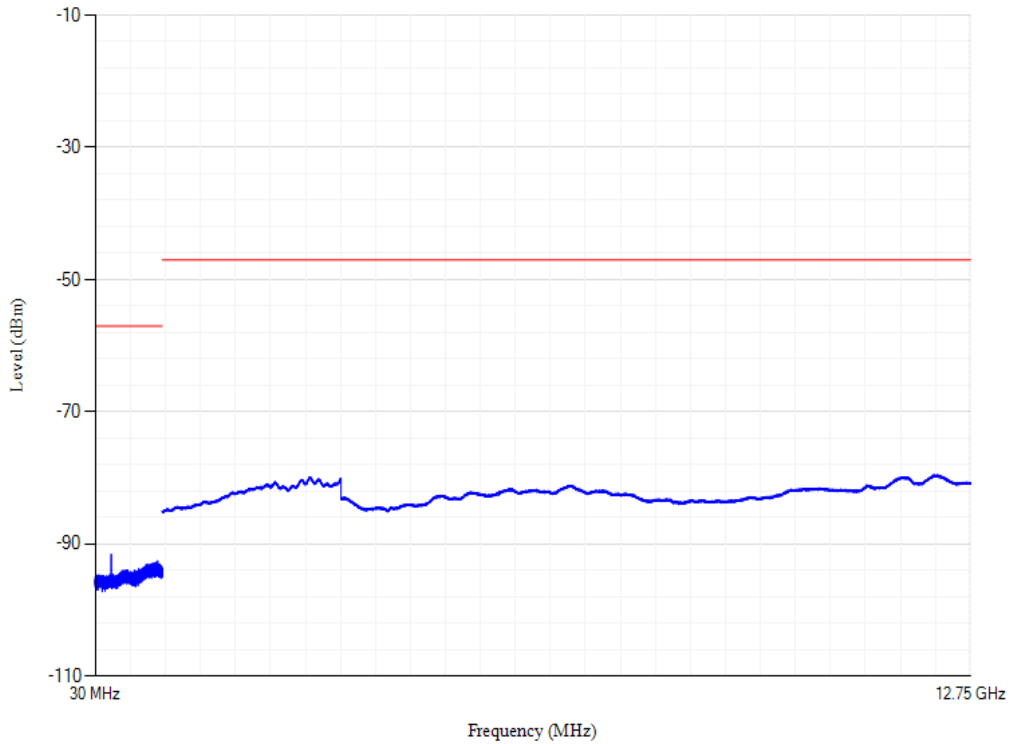
n38 SCS=30kHz BW=20MHz Channel=516000

Conducted spurious emissions



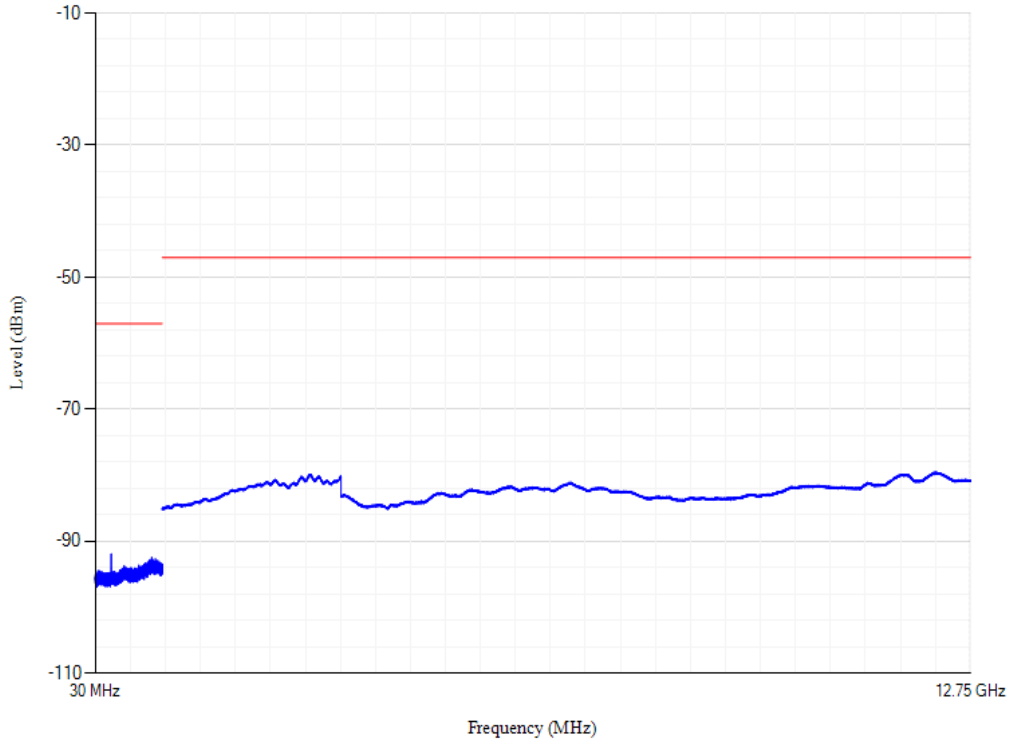
n38 SCS=30kHz BW=20MHz Channel=519000

Conducted spurious emissions



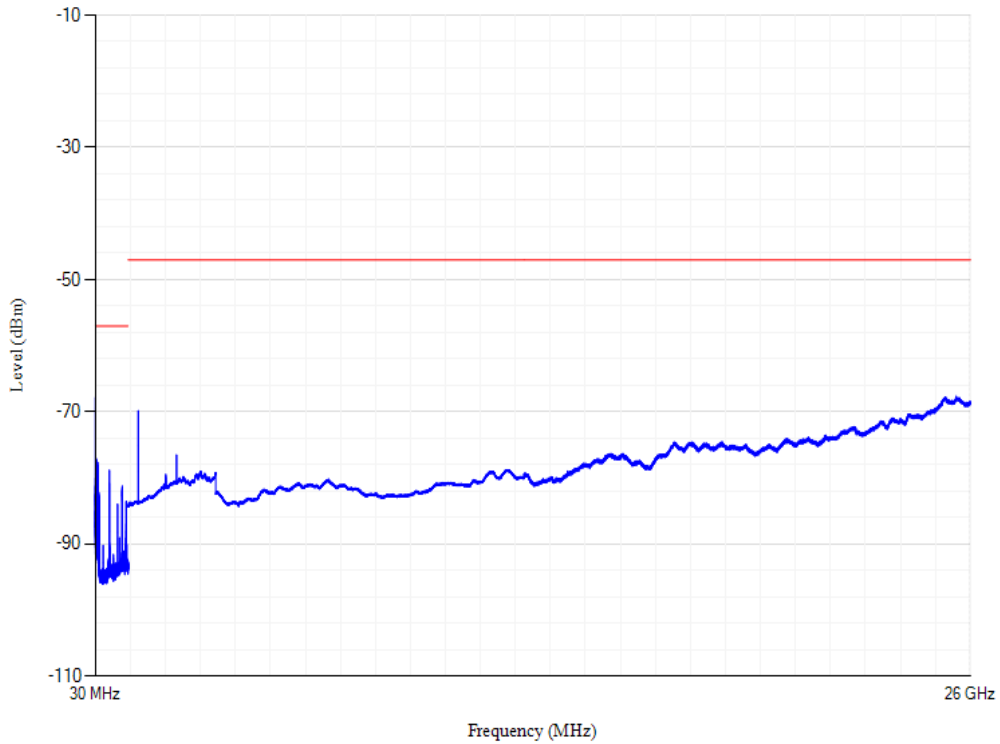
n38 SCS=30kHz BW=20MHz Channel=522000

Conducted spurious emissions



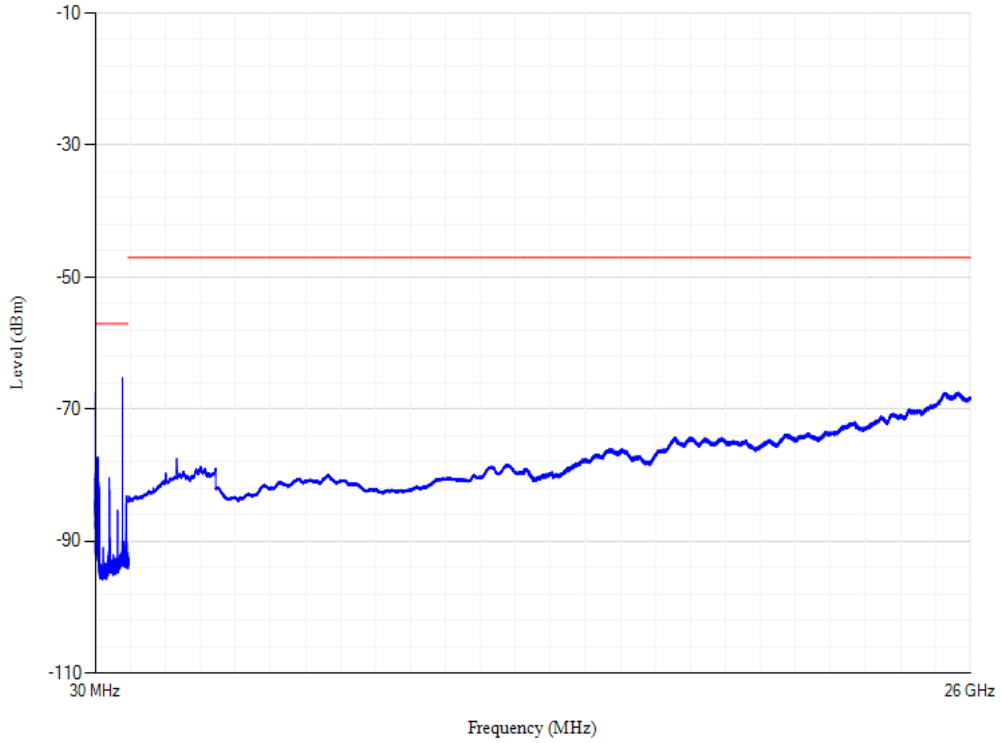
n77 SCS=30kHz BW=100MHz Channel=623334

Conducted spurious emissions



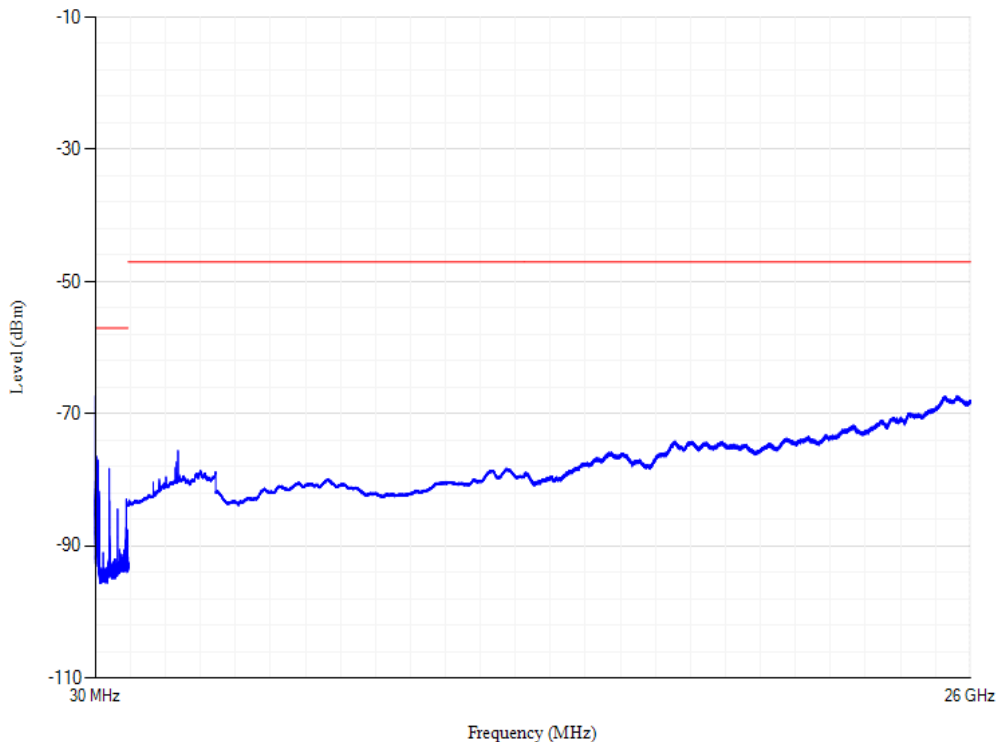
n77 SCS=30kHz BW=100MHz Channel=650000

Conducted spurious emissions



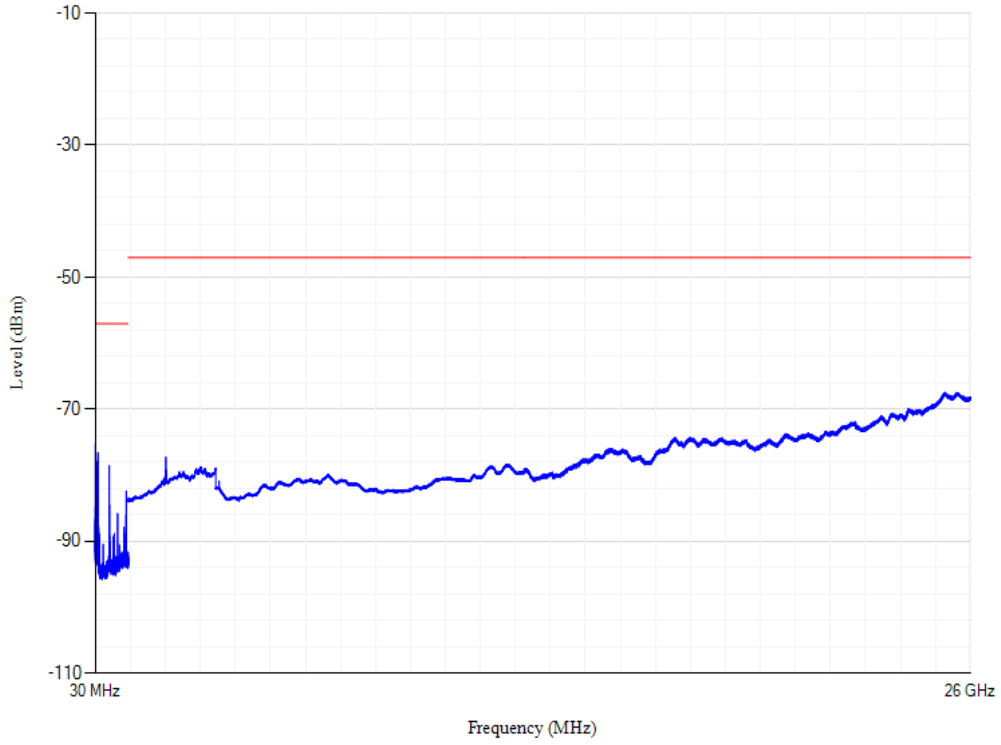
n77 SCS=30kHz BW=100MHz Channel=676666

Conducted spurious emissions



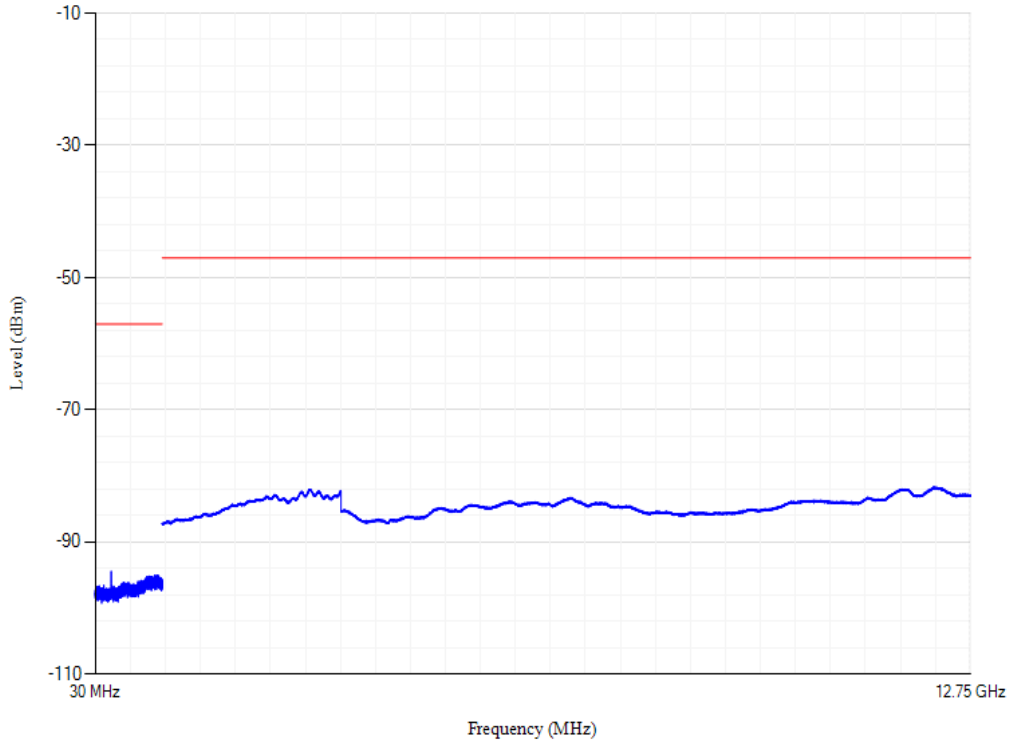
n78 SCS=30kHz BW=100MHz Channel=650000

Conducted spurious emissions



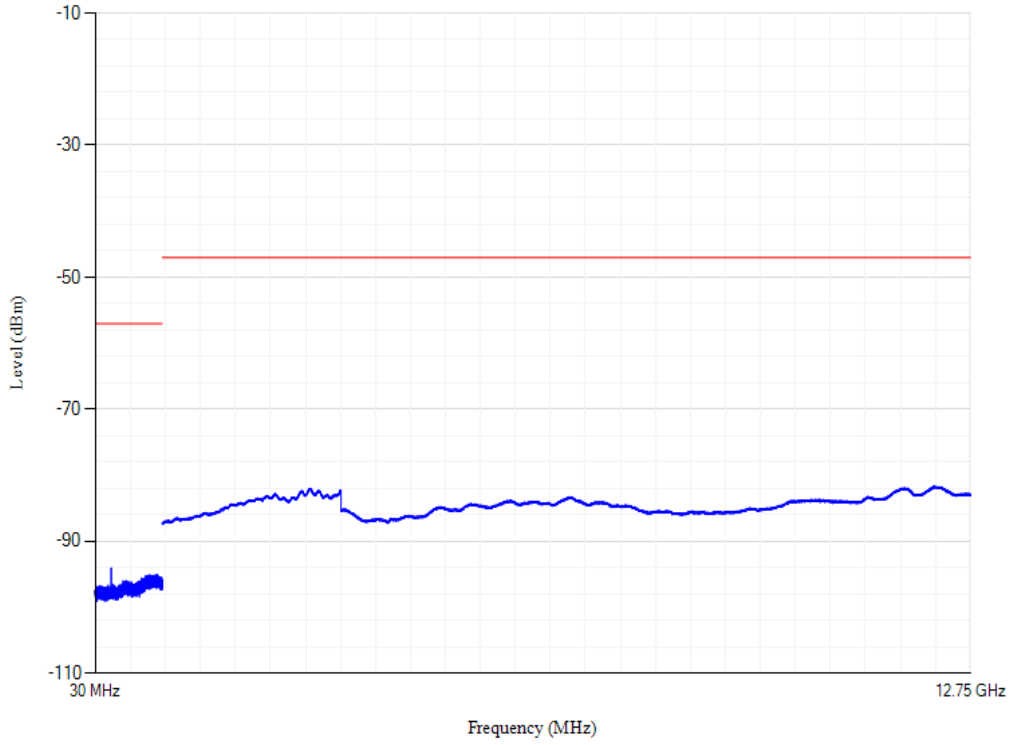
n8 SCS=30kHz BW=20MHz Channel=178000

Conducted spurious emissions



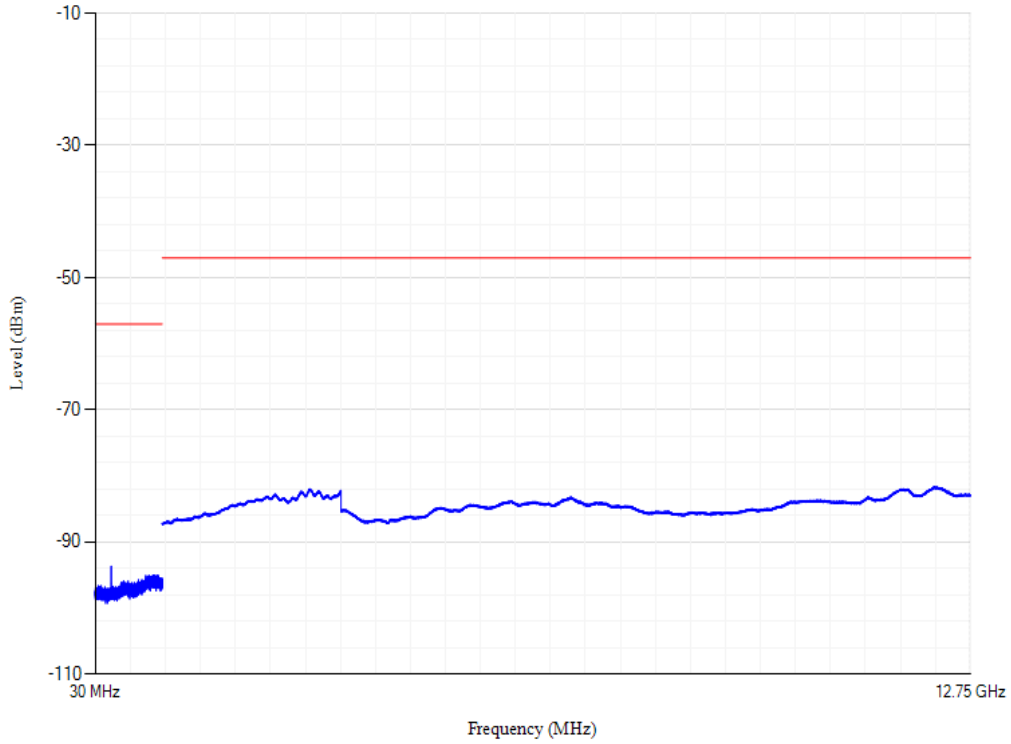
n8 SCS=30kHz BW=20MHz Channel=179500

Conducted spurious emissions



n8 SCS=30kHz BW=20MHz Channel=181000

Conducted spurious emissions



Clause 4.2.11 Transmitter adjacent channel leakage power ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Type	ACLR (dBc)	Limit (dBc)	Verdict
n1	30	10	385000	12@6	DFT_BPSK	NR-ACLR1-	50.92	29.2	PASS
n1	30	10	385000	12@6	DFT_BPSK	NR-ACLR1+	50.84	29.2	PASS
n1	30	10	385000	12@6	DFT_BPSK	U-ACLR12-	59.10	35.2	PASS
n1	30	10	385000	12@6	DFT_BPSK	U-ACLR11-	52.87	32.2	PASS
n1	30	10	385000	12@6	DFT_BPSK	U-ACLR1+	52.89	32.2	PASS
n1	30	10	385000	12@6	DFT_BPSK	U-ACLR2+	58.17	35.2	PASS
n1	30	10	385000	1@0	DFT_BPSK	NR-ACLR1-	51.41	29.2	PASS
n1	30	10	385000	1@0	DFT_BPSK	NR-ACLR1+	53.83	29.2	PASS
n1	30	10	385000	1@0	DFT_BPSK	U-ACLR12-	58.67	35.2	PASS
n1	30	10	385000	1@0	DFT_BPSK	U-ACLR11-	54.57	32.2	PASS
n1	30	10	385000	1@0	DFT_BPSK	U-ACLR1+	56.80	32.2	PASS
n1	30	10	385000	1@0	DFT_BPSK	U-ACLR2+	58.91	35.2	PASS
n1	30	10	385000	24@0	DFT_BPSK	NR-ACLR1-	47.96	29.2	PASS
n1	30	10	385000	24@0	DFT_BPSK	NR-ACLR1+	47.23	29.2	PASS
n1	30	10	385000	24@0	DFT_BPSK	U-ACLR12-	55.61	35.2	PASS
n1	30	10	385000	24@0	DFT_BPSK	U-ACLR11-	49.96	32.2	PASS
n1	30	10	385000	24@0	DFT_BPSK	U-ACLR1+	49.47	32.2	PASS
n1	30	10	385000	24@0	DFT_BPSK	U-ACLR2+	54.36	35.2	PASS
n1	30	10	385000	12@6	DFT_QPSK	NR-ACLR1-	47.27	29.2	PASS
n1	30	10	385000	12@6	DFT_QPSK	NR-ACLR1+	47.06	29.2	PASS
n1	30	10	385000	12@6	DFT_QPSK	U-ACLR12-	56.99	35.2	PASS
n1	30	10	385000	12@6	DFT_QPSK	U-ACLR11-	49.13	32.2	PASS
n1	30	10	385000	12@6	DFT_QPSK	U-ACLR1+	49.01	32.2	PASS
n1	30	10	385000	12@6	DFT_QPSK	U-ACLR2+	55.90	35.2	PASS
n1	30	10	385000	1@0	DFT_QPSK	NR-ACLR1-	50.82	29.2	PASS
n1	30	10	385000	1@0	DFT_QPSK	NR-ACLR1+	53.30	29.2	PASS
n1	30	10	385000	1@0	DFT_QPSK	U-ACLR12-	58.16	35.2	PASS
n1	30	10	385000	1@0	DFT_QPSK	U-ACLR11-	54.02	32.2	PASS
n1	30	10	385000	1@0	DFT_QPSK	U-ACLR1+	56.26	32.2	PASS
n1	30	10	385000	1@0	DFT_QPSK	U-ACLR2+	58.37	35.2	PASS
n1	30	10	385000	24@0	DFT_QPSK	NR-ACLR1-	44.96	29.2	PASS
n1	30	10	385000	24@0	DFT_QPSK	NR-ACLR1+	44.32	29.2	PASS
n1	30	10	385000	24@0	DFT_QPSK	U-ACLR12-	52.94	35.2	PASS
n1	30	10	385000	24@0	DFT_QPSK	U-ACLR11-	46.86	32.2	PASS
n1	30	10	385000	24@0	DFT_QPSK	U-ACLR1+	46.55	32.2	PASS
n1	30	10	385000	24@0	DFT_QPSK	U-ACLR2+	51.29	35.2	PASS
n1	30	10	385000	12@6	DFT_QAM16	NR-ACLR1-	47.94	29.2	PASS
n1	30	10	385000	12@6	DFT_QAM16	NR-ACLR1+	47.68	29.2	PASS
n1	30	10	385000	12@6	DFT_QAM16	U-ACLR12-	56.66	35.2	PASS
n1	30	10	385000	12@6	DFT_QAM16	U-ACLR11-	49.78	32.2	PASS
n1	30	10	385000	12@6	DFT_QAM16	U-ACLR1+	49.57	32.2	PASS

n1	30	10	385000	12@6	DFT_QAM16	U-ACLR2+	55.71	35.2	PASS
n1	30	10	385000	1@0	DFT_QAM16	NR-ACLR1-	50.54	29.2	PASS
n1	30	10	385000	1@0	DFT_QAM16	NR-ACLR1+	52.57	29.2	PASS
n1	30	10	385000	1@0	DFT_QAM16	U-ACLR12-	57.68	35.2	PASS
n1	30	10	385000	1@0	DFT_QAM16	U-ACLR11-	53.79	32.2	PASS
n1	30	10	385000	1@0	DFT_QAM16	U-ACLR1+	55.58	32.2	PASS
n1	30	10	385000	1@0	DFT_QAM16	U-ACLR2+	57.49	35.2	PASS
n1	30	10	385000	24@0	DFT_QAM16	NR-ACLR1-	44.66	29.2	PASS
n1	30	10	385000	24@0	DFT_QAM16	NR-ACLR1+	44.08	29.2	PASS
n1	30	10	385000	24@0	DFT_QAM16	U-ACLR12-	53.12	35.2	PASS
n1	30	10	385000	24@0	DFT_QAM16	U-ACLR11-	46.40	32.2	PASS
n1	30	10	385000	24@0	DFT_QAM16	U-ACLR1+	46.19	32.2	PASS
n1	30	10	385000	24@0	DFT_QAM16	U-ACLR2+	51.32	35.2	PASS
n1	30	10	385000	1@0	DFT_QAM64	NR-ACLR1-	50.37	29.2	PASS
n1	30	10	385000	1@0	DFT_QAM64	NR-ACLR1+	52.25	29.2	PASS
n1	30	10	385000	1@0	DFT_QAM64	U-ACLR12-	57.36	35.2	PASS
n1	30	10	385000	1@0	DFT_QAM64	U-ACLR11-	53.57	32.2	PASS
n1	30	10	385000	1@0	DFT_QAM64	U-ACLR1+	55.34	32.2	PASS
n1	30	10	385000	1@0	DFT_QAM64	U-ACLR2+	57.08	35.2	PASS
n1	30	10	385000	24@0	DFT_QAM64	NR-ACLR1-	44.86	29.2	PASS
n1	30	10	385000	24@0	DFT_QAM64	NR-ACLR1+	44.12	29.2	PASS
n1	30	10	385000	24@0	DFT_QAM64	U-ACLR12-	53.07	35.2	PASS
n1	30	10	385000	24@0	DFT_QAM64	U-ACLR11-	46.68	32.2	PASS
n1	30	10	385000	24@0	DFT_QAM64	U-ACLR1+	46.30	32.2	PASS
n1	30	10	385000	24@0	DFT_QAM64	U-ACLR2+	51.05	35.2	PASS
n1	30	10	385000	1@0	DFT_QAM256	NR-ACLR1-	50.35	29.2	PASS
n1	30	10	385000	1@0	DFT_QAM256	NR-ACLR1+	52.27	29.2	PASS
n1	30	10	385000	1@0	DFT_QAM256	U-ACLR12-	57.33	35.2	PASS
n1	30	10	385000	1@0	DFT_QAM256	U-ACLR11-	53.57	32.2	PASS
n1	30	10	385000	1@0	DFT_QAM256	U-ACLR1+	55.33	32.2	PASS
n1	30	10	385000	1@0	DFT_QAM256	U-ACLR2+	57.12	35.2	PASS
n1	30	10	385000	24@0	DFT_QAM256	NR-ACLR1-	44.27	29.2	PASS
n1	30	10	385000	24@0	DFT_QAM256	NR-ACLR1+	43.65	29.2	PASS
n1	30	10	385000	24@0	DFT_QAM256	U-ACLR12-	51.24	35.2	PASS
n1	30	10	385000	24@0	DFT_QAM256	U-ACLR11-	46.41	32.2	PASS
n1	30	10	385000	24@0	DFT_QAM256	U-ACLR1+	46.07	32.2	PASS
n1	30	10	385000	24@0	DFT_QAM256	U-ACLR2+	49.89	35.2	PASS
n1	30	10	385000	12@6	CP_QPSK	NR-ACLR1-	48.35	29.2	PASS
n1	30	10	385000	12@6	CP_QPSK	NR-ACLR1+	47.95	29.2	PASS
n1	30	10	385000	12@6	CP_QPSK	U-ACLR12-	56.30	35.2	PASS
n1	30	10	385000	12@6	CP_QPSK	U-ACLR11-	50.24	32.2	PASS
n1	30	10	385000	12@6	CP_QPSK	U-ACLR1+	49.88	32.2	PASS
n1	30	10	385000	12@6	CP_QPSK	U-ACLR2+	55.59	35.2	PASS
n1	30	10	385000	1@0	CP_QPSK	NR-ACLR1-	50.38	29.2	PASS

n1	30	10	385000	1@0	CP_QPSK	NR-ACLR1+	52.24	29.2	PASS
n1	30	10	385000	1@0	CP_QPSK	U-ACLR12-	57.37	35.2	PASS
n1	30	10	385000	1@0	CP_QPSK	U-ACLR11-	53.60	32.2	PASS
n1	30	10	385000	1@0	CP_QPSK	U-ACLR1+	55.29	32.2	PASS
n1	30	10	385000	1@0	CP_QPSK	U-ACLR2+	57.13	35.2	PASS
n1	30	10	385000	24@0	CP_QPSK	NR-ACLR1-	42.18	29.2	PASS
n1	30	10	385000	24@0	CP_QPSK	NR-ACLR1+	41.87	29.2	PASS
n1	30	10	385000	24@0	CP_QPSK	U-ACLR12-	51.46	35.2	PASS
n1	30	10	385000	24@0	CP_QPSK	U-ACLR11-	43.68	32.2	PASS
n1	30	10	385000	24@0	CP_QPSK	U-ACLR1+	43.71	32.2	PASS
n1	30	10	385000	24@0	CP_QPSK	U-ACLR2+	49.65	35.2	PASS
n1	30	10	385000	12@6	CP_QAM16	NR-ACLR1-	46.76	29.2	PASS
n1	30	10	385000	12@6	CP_QAM16	NR-ACLR1+	46.58	29.2	PASS
n1	30	10	385000	12@6	CP_QAM16	U-ACLR12-	56.04	35.2	PASS
n1	30	10	385000	12@6	CP_QAM16	U-ACLR11-	48.51	32.2	PASS
n1	30	10	385000	12@6	CP_QAM16	U-ACLR1+	48.41	32.2	PASS
n1	30	10	385000	12@6	CP_QAM16	U-ACLR2+	55.05	35.2	PASS
n1	30	10	385000	1@0	CP_QAM16	NR-ACLR1-	49.71	29.2	PASS
n1	30	10	385000	1@0	CP_QAM16	NR-ACLR1+	51.53	29.2	PASS
n1	30	10	385000	1@0	CP_QAM16	U-ACLR12-	56.61	35.2	PASS
n1	30	10	385000	1@0	CP_QAM16	U-ACLR11-	52.82	32.2	PASS
n1	30	10	385000	1@0	CP_QAM16	U-ACLR1+	54.53	32.2	PASS
n1	30	10	385000	1@0	CP_QAM16	U-ACLR2+	56.46	35.2	PASS
n1	30	10	385000	24@0	CP_QAM16	NR-ACLR1-	42.43	29.2	PASS
n1	30	10	385000	24@0	CP_QAM16	NR-ACLR1+	42.31	29.2	PASS
n1	30	10	385000	24@0	CP_QAM16	U-ACLR12-	51.72	35.2	PASS
n1	30	10	385000	24@0	CP_QAM16	U-ACLR11-	43.91	32.2	PASS
n1	30	10	385000	24@0	CP_QAM16	U-ACLR1+	44.19	32.2	PASS
n1	30	10	385000	24@0	CP_QAM16	U-ACLR2+	50.10	35.2	PASS
n1	30	10	385000	1@0	CP_QAM64	NR-ACLR1-	49.94	29.2	PASS
n1	30	10	385000	1@0	CP_QAM64	NR-ACLR1+	51.09	29.2	PASS
n1	30	10	385000	1@0	CP_QAM64	U-ACLR12-	56.52	35.2	PASS
n1	30	10	385000	1@0	CP_QAM64	U-ACLR11-	52.88	32.2	PASS
n1	30	10	385000	1@0	CP_QAM64	U-ACLR1+	54.17	32.2	PASS
n1	30	10	385000	1@0	CP_QAM64	U-ACLR2+	55.90	35.2	PASS
n1	30	10	385000	24@0	CP_QAM64	NR-ACLR1-	43.43	29.2	PASS
n1	30	10	385000	24@0	CP_QAM64	NR-ACLR1+	42.97	29.2	PASS
n1	30	10	385000	24@0	CP_QAM64	U-ACLR12-	51.98	35.2	PASS
n1	30	10	385000	24@0	CP_QAM64	U-ACLR11-	45.06	32.2	PASS
n1	30	10	385000	24@0	CP_QAM64	U-ACLR1+	44.97	32.2	PASS
n1	30	10	385000	24@0	CP_QAM64	U-ACLR2+	50.17	35.2	PASS
n1	30	10	385000	1@0	CP_QAM256	NR-ACLR1-	49.88	29.2	PASS
n1	30	10	385000	1@0	CP_QAM256	NR-ACLR1+	51.11	29.2	PASS
n1	30	10	385000	1@0	CP_QAM256	U-ACLR12-	56.52	35.2	PASS

n1	30	10	385000	1@0	CP_QAM256	U-ACLR11-	52.79	32.2	PASS
n1	30	10	385000	1@0	CP_QAM256	U-ACLR1+	54.15	32.2	PASS
n1	30	10	385000	1@0	CP_QAM256	U-ACLR2+	55.95	35.2	PASS
n1	30	10	385000	24@0	CP_QAM256	NR-ACLR1-	43.69	29.2	PASS
n1	30	10	385000	24@0	CP_QAM256	NR-ACLR1+	43.19	29.2	PASS
n1	30	10	385000	24@0	CP_QAM256	U-ACLR12-	52.17	35.2	PASS
n1	30	10	385000	24@0	CP_QAM256	U-ACLR11-	45.35	32.2	PASS
n1	30	10	385000	24@0	CP_QAM256	U-ACLR1+	45.23	32.2	PASS
n1	30	10	385000	24@0	CP_QAM256	U-ACLR2+	50.32	35.2	PASS
n1	30	10	395000	12@6	DFT_BPSK	NR-ACLR1-	47.64	29.2	PASS
n1	30	10	395000	12@6	DFT_BPSK	NR-ACLR1+	48.24	29.2	PASS
n1	30	10	395000	12@6	DFT_BPSK	U-ACLR12-	55.20	35.2	PASS
n1	30	10	395000	12@6	DFT_BPSK	U-ACLR11-	49.62	32.2	PASS
n1	30	10	395000	12@6	DFT_BPSK	U-ACLR1+	50.29	32.2	PASS
n1	30	10	395000	12@6	DFT_BPSK	U-ACLR2+	55.81	35.2	PASS
n1	30	10	395000	1@23	DFT_BPSK	NR-ACLR1-	50.89	29.2	PASS
n1	30	10	395000	1@23	DFT_BPSK	NR-ACLR1+	49.84	29.2	PASS
n1	30	10	395000	1@23	DFT_BPSK	U-ACLR12-	55.90	35.2	PASS
n1	30	10	395000	1@23	DFT_BPSK	U-ACLR11-	53.86	32.2	PASS
n1	30	10	395000	1@23	DFT_BPSK	U-ACLR1+	52.96	32.2	PASS
n1	30	10	395000	1@23	DFT_BPSK	U-ACLR2+	56.44	35.2	PASS
n1	30	10	395000	24@0	DFT_BPSK	NR-ACLR1-	42.31	29.2	PASS
n1	30	10	395000	24@0	DFT_BPSK	NR-ACLR1+	43.12	29.2	PASS
n1	30	10	395000	24@0	DFT_BPSK	U-ACLR12-	50.29	35.2	PASS
n1	30	10	395000	24@0	DFT_BPSK	U-ACLR11-	44.06	32.2	PASS
n1	30	10	395000	24@0	DFT_BPSK	U-ACLR1+	44.75	32.2	PASS
n1	30	10	395000	24@0	DFT_BPSK	U-ACLR2+	51.64	35.2	PASS
n1	30	10	395000	12@6	DFT_QPSK	NR-ACLR1-	47.49	29.2	PASS
n1	30	10	395000	12@6	DFT_QPSK	NR-ACLR1+	48.24	29.2	PASS
n1	30	10	395000	12@6	DFT_QPSK	U-ACLR12-	55.20	35.2	PASS
n1	30	10	395000	12@6	DFT_QPSK	U-ACLR11-	49.45	32.2	PASS
n1	30	10	395000	12@6	DFT_QPSK	U-ACLR1+	50.33	32.2	PASS
n1	30	10	395000	12@6	DFT_QPSK	U-ACLR2+	55.83	35.2	PASS
n1	30	10	395000	1@23	DFT_QPSK	NR-ACLR1-	43.32	29.2	PASS
n1	30	10	395000	1@23	DFT_QPSK	NR-ACLR1+	43.77	29.2	PASS
n1	30	10	395000	1@23	DFT_QPSK	U-ACLR12-	50.82	35.2	PASS
n1	30	10	395000	1@23	DFT_QPSK	U-ACLR11-	45.30	32.2	PASS
n1	30	10	395000	1@23	DFT_QPSK	U-ACLR1+	45.54	32.2	PASS
n1	30	10	395000	1@23	DFT_QPSK	U-ACLR2+	52.33	35.2	PASS
n1	30	10	395000	24@0	DFT_QPSK	NR-ACLR1-	43.09	29.2	PASS
n1	30	10	395000	24@0	DFT_QPSK	NR-ACLR1+	43.61	29.2	PASS
n1	30	10	395000	24@0	DFT_QPSK	U-ACLR12-	50.72	35.2	PASS
n1	30	10	395000	24@0	DFT_QPSK	U-ACLR11-	45.04	32.2	PASS
n1	30	10	395000	24@0	DFT_QPSK	U-ACLR1+	45.36	32.2	PASS

n1	30	10	395000	24@0	DFT_QPSK	U-ACLR2+	52.25	35.2	PASS
n1	30	10	395000	12@6	DFT_QAM16	NR-ACLR1-	47.05	29.2	PASS
n1	30	10	395000	12@6	DFT_QAM16	NR-ACLR1+	48.19	29.2	PASS
n1	30	10	395000	12@6	DFT_QAM16	U-ACLR12-	56.05	35.2	PASS
n1	30	10	395000	12@6	DFT_QAM16	U-ACLR11-	48.93	32.2	PASS
n1	30	10	395000	12@6	DFT_QAM16	U-ACLR1+	50.13	32.2	PASS
n1	30	10	395000	12@6	DFT_QAM16	U-ACLR2+	56.73	35.2	PASS
n1	30	10	395000	1@23	DFT_QAM16	NR-ACLR1-	52.48	29.2	PASS
n1	30	10	395000	1@23	DFT_QAM16	NR-ACLR1+	51.03	29.2	PASS
n1	30	10	395000	1@23	DFT_QAM16	U-ACLR12-	57.62	35.2	PASS
n1	30	10	395000	1@23	DFT_QAM16	U-ACLR11-	55.37	32.2	PASS
n1	30	10	395000	1@23	DFT_QAM16	U-ACLR1+	54.24	32.2	PASS
n1	30	10	395000	1@23	DFT_QAM16	U-ACLR2+	57.50	35.2	PASS
n1	30	10	395000	24@0	DFT_QAM16	NR-ACLR1-	43.40	29.2	PASS
n1	30	10	395000	24@0	DFT_QAM16	NR-ACLR1+	44.03	29.2	PASS
n1	30	10	395000	24@0	DFT_QAM16	U-ACLR12-	51.34	35.2	PASS
n1	30	10	395000	24@0	DFT_QAM16	U-ACLR11-	45.26	32.2	PASS
n1	30	10	395000	24@0	DFT_QAM16	U-ACLR1+	45.76	32.2	PASS
n1	30	10	395000	24@0	DFT_QAM16	U-ACLR2+	52.74	35.2	PASS
n1	30	10	395000	1@23	DFT_QAM64	NR-ACLR1-	52.13	29.2	PASS
n1	30	10	395000	1@23	DFT_QAM64	NR-ACLR1+	50.80	29.2	PASS
n1	30	10	395000	1@23	DFT_QAM64	U-ACLR12-	57.20	35.2	PASS
n1	30	10	395000	1@23	DFT_QAM64	U-ACLR11-	55.04	32.2	PASS
n1	30	10	395000	1@23	DFT_QAM64	U-ACLR1+	54.00	32.2	PASS
n1	30	10	395000	1@23	DFT_QAM64	U-ACLR2+	57.38	35.2	PASS
n1	30	10	395000	24@0	DFT_QAM64	NR-ACLR1-	44.17	29.2	PASS
n1	30	10	395000	24@0	DFT_QAM64	NR-ACLR1+	44.52	29.2	PASS
n1	30	10	395000	24@0	DFT_QAM64	U-ACLR12-	51.60	35.2	PASS
n1	30	10	395000	24@0	DFT_QAM64	U-ACLR11-	46.14	32.2	PASS
n1	30	10	395000	24@0	DFT_QAM64	U-ACLR1+	46.32	32.2	PASS
n1	30	10	395000	24@0	DFT_QAM64	U-ACLR2+	52.63	35.2	PASS
n1	30	10	395000	1@23	DFT_QAM256	NR-ACLR1-	52.13	29.2	PASS
n1	30	10	395000	1@23	DFT_QAM256	NR-ACLR1+	50.84	29.2	PASS
n1	30	10	395000	1@23	DFT_QAM256	U-ACLR12-	57.15	35.2	PASS
n1	30	10	395000	1@23	DFT_QAM256	U-ACLR11-	55.09	32.2	PASS
n1	30	10	395000	1@23	DFT_QAM256	U-ACLR1+	54.01	32.2	PASS
n1	30	10	395000	1@23	DFT_QAM256	U-ACLR2+	57.45	35.2	PASS
n1	30	10	395000	24@0	DFT_QAM256	NR-ACLR1-	44.00	29.2	PASS
n1	30	10	395000	24@0	DFT_QAM256	NR-ACLR1+	44.40	29.2	PASS
n1	30	10	395000	24@0	DFT_QAM256	U-ACLR12-	51.52	35.2	PASS
n1	30	10	395000	24@0	DFT_QAM256	U-ACLR11-	45.96	32.2	PASS
n1	30	10	395000	24@0	DFT_QAM256	U-ACLR1+	46.20	32.2	PASS
n1	30	10	395000	24@0	DFT_QAM256	U-ACLR2+	52.58	35.2	PASS
n1	30	10	395000	12@6	CP_QPSK	NR-ACLR1-	40.33	29.2	PASS

n1	30	10	395000	12@6	CP_QPSK	NR-ACLR1+	41.28	29.2	PASS
n1	30	10	395000	12@6	CP_QPSK	U-ACLR12-	49.41	35.2	PASS
n1	30	10	395000	12@6	CP_QPSK	U-ACLR11-	41.86	32.2	PASS
n1	30	10	395000	12@6	CP_QPSK	U-ACLR1+	42.72	32.2	PASS
n1	30	10	395000	12@6	CP_QPSK	U-ACLR2+	50.84	35.2	PASS
n1	30	10	395000	1@23	CP_QPSK	NR-ACLR1-	51.19	29.2	PASS
n1	30	10	395000	1@23	CP_QPSK	NR-ACLR1+	50.27	29.2	PASS
n1	30	10	395000	1@23	CP_QPSK	U-ACLR12-	56.30	35.2	PASS
n1	30	10	395000	1@23	CP_QPSK	U-ACLR11-	54.10	32.2	PASS
n1	30	10	395000	1@23	CP_QPSK	U-ACLR1+	53.36	32.2	PASS
n1	30	10	395000	1@23	CP_QPSK	U-ACLR2+	56.66	35.2	PASS
n1	30	10	395000	24@0	CP_QPSK	NR-ACLR1-	39.92	29.2	PASS
n1	30	10	395000	24@0	CP_QPSK	NR-ACLR1+	40.99	29.2	PASS
n1	30	10	395000	24@0	CP_QPSK	U-ACLR12-	49.25	35.2	PASS
n1	30	10	395000	24@0	CP_QPSK	U-ACLR11-	41.42	32.2	PASS
n1	30	10	395000	24@0	CP_QPSK	U-ACLR1+	42.40	32.2	PASS
n1	30	10	395000	24@0	CP_QPSK	U-ACLR2+	50.78	35.2	PASS
n1	30	10	395000	12@6	CP_QAM16	NR-ACLR1-	46.03	29.2	PASS
n1	30	10	395000	12@6	CP_QAM16	NR-ACLR1+	47.05	29.2	PASS
n1	30	10	395000	12@6	CP_QAM16	U-ACLR12-	55.20	35.2	PASS
n1	30	10	395000	12@6	CP_QAM16	U-ACLR11-	47.88	32.2	PASS
n1	30	10	395000	12@6	CP_QAM16	U-ACLR1+	48.95	32.2	PASS
n1	30	10	395000	12@6	CP_QAM16	U-ACLR2+	55.92	35.2	PASS
n1	30	10	395000	1@23	CP_QAM16	NR-ACLR1-	51.12	29.2	PASS
n1	30	10	395000	1@23	CP_QAM16	NR-ACLR1+	49.64	29.2	PASS
n1	30	10	395000	1@23	CP_QAM16	U-ACLR12-	56.18	35.2	PASS
n1	30	10	395000	1@23	CP_QAM16	U-ACLR11-	53.99	32.2	PASS
n1	30	10	395000	1@23	CP_QAM16	U-ACLR1+	52.93	32.2	PASS
n1	30	10	395000	1@23	CP_QAM16	U-ACLR2+	56.08	35.2	PASS
n1	30	10	395000	24@0	CP_QAM16	NR-ACLR1-	40.49	29.2	PASS
n1	30	10	395000	24@0	CP_QAM16	NR-ACLR1+	41.73	29.2	PASS
n1	30	10	395000	24@0	CP_QAM16	U-ACLR12-	49.81	35.2	PASS
n1	30	10	395000	24@0	CP_QAM16	U-ACLR11-	41.95	32.2	PASS
n1	30	10	395000	24@0	CP_QAM16	U-ACLR1+	43.18	32.2	PASS
n1	30	10	395000	24@0	CP_QAM16	U-ACLR2+	51.38	35.2	PASS
n1	30	10	395000	1@23	CP_QAM64	NR-ACLR1-	50.92	29.2	PASS
n1	30	10	395000	1@23	CP_QAM64	NR-ACLR1+	49.81	29.2	PASS
n1	30	10	395000	1@23	CP_QAM64	U-ACLR12-	55.98	35.2	PASS
n1	30	10	395000	1@23	CP_QAM64	U-ACLR11-	53.80	32.2	PASS
n1	30	10	395000	1@23	CP_QAM64	U-ACLR1+	52.95	32.2	PASS
n1	30	10	395000	1@23	CP_QAM64	U-ACLR2+	56.39	35.2	PASS
n1	30	10	395000	24@0	CP_QAM64	NR-ACLR1-	41.64	29.2	PASS
n1	30	10	395000	24@0	CP_QAM64	NR-ACLR1+	42.64	29.2	PASS
n1	30	10	395000	24@0	CP_QAM64	U-ACLR12-	50.08	35.2	PASS

n1	30	10	395000	24@0	CP_QAM64	U-ACLR11-	43.27	32.2	PASS
n1	30	10	395000	24@0	CP_QAM64	U-ACLR1+	44.21	32.2	PASS
n1	30	10	395000	24@0	CP_QAM64	U-ACLR2+	51.47	35.2	PASS
n1	30	10	395000	1@23	CP_QAM256	NR-ACLR1-	50.94	29.2	PASS
n1	30	10	395000	1@23	CP_QAM256	NR-ACLR1+	49.81	29.2	PASS
n1	30	10	395000	1@23	CP_QAM256	U-ACLR12-	55.98	35.2	PASS
n1	30	10	395000	1@23	CP_QAM256	U-ACLR11-	53.88	32.2	PASS
n1	30	10	395000	1@23	CP_QAM256	U-ACLR1+	52.95	32.2	PASS
n1	30	10	395000	1@23	CP_QAM256	U-ACLR2+	56.47	35.2	PASS
n1	30	10	395000	24@0	CP_QAM256	NR-ACLR1-	42.23	29.2	PASS
n1	30	10	395000	24@0	CP_QAM256	NR-ACLR1+	43.08	29.2	PASS
n1	30	10	395000	24@0	CP_QAM256	U-ACLR12-	50.25	35.2	PASS
n1	30	10	395000	24@0	CP_QAM256	U-ACLR11-	43.96	32.2	PASS
n1	30	10	395000	24@0	CP_QAM256	U-ACLR1+	44.70	32.2	PASS
n1	30	10	395000	24@0	CP_QAM256	U-ACLR2+	51.59	35.2	PASS
n1	30	20	386000	25@12	DFT_BPSK	NR-ACLR1-	47.24	29.2	PASS
n1	30	20	386000	25@12	DFT_BPSK	NR-ACLR1+	46.61	29.2	PASS
n1	30	20	386000	25@12	DFT_BPSK	U-ACLR12-	54.94	35.2	PASS
n1	30	20	386000	25@12	DFT_BPSK	U-ACLR11-	50.06	32.2	PASS
n1	30	20	386000	25@12	DFT_BPSK	U-ACLR1+	49.80	32.2	PASS
n1	30	20	386000	25@12	DFT_BPSK	U-ACLR2+	53.57	35.2	PASS
n1	30	20	386000	1@0	DFT_BPSK	NR-ACLR1-	48.62	29.2	PASS
n1	30	20	386000	1@0	DFT_BPSK	NR-ACLR1+	51.01	29.2	PASS
n1	30	20	386000	1@0	DFT_BPSK	U-ACLR12-	56.62	35.2	PASS
n1	30	20	386000	1@0	DFT_BPSK	U-ACLR11-	52.48	32.2	PASS
n1	30	20	386000	1@0	DFT_BPSK	U-ACLR1+	56.49	32.2	PASS
n1	30	20	386000	1@0	DFT_BPSK	U-ACLR2+	57.75	35.2	PASS
n1	30	20	386000	50@0	DFT_BPSK	NR-ACLR1-	44.71	29.2	PASS
n1	30	20	386000	50@0	DFT_BPSK	NR-ACLR1+	42.87	29.2	PASS
n1	30	20	386000	50@0	DFT_BPSK	U-ACLR12-	51.57	35.2	PASS
n1	30	20	386000	50@0	DFT_BPSK	U-ACLR11-	47.82	32.2	PASS
n1	30	20	386000	50@0	DFT_BPSK	U-ACLR1+	47.09	32.2	PASS
n1	30	20	386000	50@0	DFT_BPSK	U-ACLR2+	49.25	35.2	PASS
n1	30	20	386000	25@12	DFT_QPSK	NR-ACLR1-	47.17	29.2	PASS
n1	30	20	386000	25@12	DFT_QPSK	NR-ACLR1+	46.56	29.2	PASS
n1	30	20	386000	25@12	DFT_QPSK	U-ACLR12-	54.90	35.2	PASS
n1	30	20	386000	25@12	DFT_QPSK	U-ACLR11-	49.94	32.2	PASS
n1	30	20	386000	25@12	DFT_QPSK	U-ACLR1+	49.72	32.2	PASS
n1	30	20	386000	25@12	DFT_QPSK	U-ACLR2+	53.60	35.2	PASS
n1	30	20	386000	1@0	DFT_QPSK	NR-ACLR1-	48.51	29.2	PASS
n1	30	20	386000	1@0	DFT_QPSK	NR-ACLR1+	50.72	29.2	PASS
n1	30	20	386000	1@0	DFT_QPSK	U-ACLR12-	56.41	35.2	PASS
n1	30	20	386000	1@0	DFT_QPSK	U-ACLR11-	52.39	32.2	PASS
n1	30	20	386000	1@0	DFT_QPSK	U-ACLR1+	56.22	32.2	PASS

n1	30	20	386000	1@0	DFT_QPSK	U-ACLR2+	57.37	35.2	PASS
n1	30	20	386000	50@0	DFT_QPSK	NR-ACLR1-	44.15	29.2	PASS
n1	30	20	386000	50@0	DFT_QPSK	NR-ACLR1+	42.51	29.2	PASS
n1	30	20	386000	50@0	DFT_QPSK	U-ACLR12-	51.05	35.2	PASS
n1	30	20	386000	50@0	DFT_QPSK	U-ACLR11-	47.18	32.2	PASS
n1	30	20	386000	50@0	DFT_QPSK	U-ACLR1+	46.64	32.2	PASS
n1	30	20	386000	50@0	DFT_QPSK	U-ACLR2+	48.86	35.2	PASS
n1	30	20	386000	25@12	DFT_QAM16	NR-ACLR1-	47.20	29.2	PASS
n1	30	20	386000	25@12	DFT_QAM16	NR-ACLR1+	46.59	29.2	PASS
n1	30	20	386000	25@12	DFT_QAM16	U-ACLR12-	54.86	35.2	PASS
n1	30	20	386000	25@12	DFT_QAM16	U-ACLR11-	49.99	32.2	PASS
n1	30	20	386000	25@12	DFT_QAM16	U-ACLR1+	49.79	32.2	PASS
n1	30	20	386000	25@12	DFT_QAM16	U-ACLR2+	53.62	35.2	PASS
n1	30	20	386000	1@0	DFT_QAM16	NR-ACLR1-	48.55	29.2	PASS
n1	30	20	386000	1@0	DFT_QAM16	NR-ACLR1+	50.78	29.2	PASS
n1	30	20	386000	1@0	DFT_QAM16	U-ACLR12-	56.45	35.2	PASS
n1	30	20	386000	1@0	DFT_QAM16	U-ACLR11-	52.41	32.2	PASS
n1	30	20	386000	1@0	DFT_QAM16	U-ACLR1+	56.25	32.2	PASS
n1	30	20	386000	1@0	DFT_QAM16	U-ACLR2+	57.40	35.2	PASS
n1	30	20	386000	50@0	DFT_QAM16	NR-ACLR1-	44.12	29.2	PASS
n1	30	20	386000	50@0	DFT_QAM16	NR-ACLR1+	42.53	29.2	PASS
n1	30	20	386000	50@0	DFT_QAM16	U-ACLR12-	50.98	35.2	PASS
n1	30	20	386000	50@0	DFT_QAM16	U-ACLR11-	47.14	32.2	PASS
n1	30	20	386000	50@0	DFT_QAM16	U-ACLR1+	46.61	32.2	PASS
n1	30	20	386000	50@0	DFT_QAM16	U-ACLR2+	48.97	35.2	PASS
n1	30	20	386000	1@0	DFT_QAM64	NR-ACLR1-	48.52	29.2	PASS
n1	30	20	386000	1@0	DFT_QAM64	NR-ACLR1+	50.80	29.2	PASS
n1	30	20	386000	1@0	DFT_QAM64	U-ACLR12-	56.49	35.2	PASS
n1	30	20	386000	1@0	DFT_QAM64	U-ACLR11-	52.38	32.2	PASS
n1	30	20	386000	1@0	DFT_QAM64	U-ACLR1+	56.25	32.2	PASS
n1	30	20	386000	1@0	DFT_QAM64	U-ACLR2+	57.46	35.2	PASS
n1	30	20	386000	50@0	DFT_QAM64	NR-ACLR1-	44.10	29.2	PASS
n1	30	20	386000	50@0	DFT_QAM64	NR-ACLR1+	42.49	29.2	PASS
n1	30	20	386000	50@0	DFT_QAM64	U-ACLR12-	51.00	35.2	PASS
n1	30	20	386000	50@0	DFT_QAM64	U-ACLR11-	47.12	32.2	PASS
n1	30	20	386000	50@0	DFT_QAM64	U-ACLR1+	46.59	32.2	PASS
n1	30	20	386000	50@0	DFT_QAM64	U-ACLR2+	48.92	35.2	PASS
n1	30	20	386000	1@0	DFT_QAM256	NR-ACLR1-	48.52	29.2	PASS
n1	30	20	386000	1@0	DFT_QAM256	NR-ACLR1+	50.79	29.2	PASS
n1	30	20	386000	1@0	DFT_QAM256	U-ACLR12-	56.46	35.2	PASS
n1	30	20	386000	1@0	DFT_QAM256	U-ACLR11-	52.41	32.2	PASS
n1	30	20	386000	1@0	DFT_QAM256	U-ACLR1+	56.23	32.2	PASS
n1	30	20	386000	1@0	DFT_QAM256	U-ACLR2+	57.48	35.2	PASS
n1	30	20	386000	50@0	DFT_QAM256	NR-ACLR1-	44.30	29.2	PASS

n1	30	20	386000	50@0	DFT_QAM256	NR-ACLR1+	42.62	29.2	PASS
n1	30	20	386000	50@0	DFT_QAM256	U-ACLR12-	51.17	35.2	PASS
n1	30	20	386000	50@0	DFT_QAM256	U-ACLR11-	47.36	32.2	PASS
n1	30	20	386000	50@0	DFT_QAM256	U-ACLR1+	46.78	32.2	PASS
n1	30	20	386000	50@0	DFT_QAM256	U-ACLR2+	49.01	35.2	PASS
n1	30	20	386000	25@12	CP_QPSK	NR-ACLR1-	45.71	29.2	PASS
n1	30	20	386000	25@12	CP_QPSK	NR-ACLR1+	45.32	29.2	PASS
n1	30	20	386000	25@12	CP_QPSK	U-ACLR12-	54.92	35.2	PASS
n1	30	20	386000	25@12	CP_QPSK	U-ACLR11-	47.52	32.2	PASS
n1	30	20	386000	25@12	CP_QPSK	U-ACLR1+	47.79	32.2	PASS
n1	30	20	386000	25@12	CP_QPSK	U-ACLR2+	53.08	35.2	PASS
n1	30	20	386000	1@0	CP_QPSK	NR-ACLR1-	48.81	29.2	PASS
n1	30	20	386000	1@0	CP_QPSK	NR-ACLR1+	50.89	29.2	PASS
n1	30	20	386000	1@0	CP_QPSK	U-ACLR12-	56.58	35.2	PASS
n1	30	20	386000	1@0	CP_QPSK	U-ACLR11-	52.78	32.2	PASS
n1	30	20	386000	1@0	CP_QPSK	U-ACLR1+	56.33	32.2	PASS
n1	30	20	386000	1@0	CP_QPSK	U-ACLR2+	57.56	35.2	PASS
n1	30	20	386000	51@0	CP_QPSK	NR-ACLR1-	48.79	29.2	PASS
n1	30	20	386000	51@0	CP_QPSK	NR-ACLR1+	50.90	29.2	PASS
n1	30	20	386000	51@0	CP_QPSK	U-ACLR12-	56.66	35.2	PASS
n1	30	20	386000	51@0	CP_QPSK	U-ACLR11-	52.70	32.2	PASS
n1	30	20	386000	51@0	CP_QPSK	U-ACLR1+	56.29	32.2	PASS
n1	30	20	386000	51@0	CP_QPSK	U-ACLR2+	57.57	35.2	PASS
n1	30	20	386000	25@12	CP_QAM16	NR-ACLR1-	45.80	29.2	PASS
n1	30	20	386000	25@12	CP_QAM16	NR-ACLR1+	45.39	29.2	PASS
n1	30	20	386000	25@12	CP_QAM16	U-ACLR12-	54.70	35.2	PASS
n1	30	20	386000	25@12	CP_QAM16	U-ACLR11-	47.71	32.2	PASS
n1	30	20	386000	25@12	CP_QAM16	U-ACLR1+	47.82	32.2	PASS
n1	30	20	386000	25@12	CP_QAM16	U-ACLR2+	53.19	35.2	PASS
n1	30	20	386000	1@0	CP_QAM16	NR-ACLR1-	48.59	29.2	PASS
n1	30	20	386000	1@0	CP_QAM16	NR-ACLR1+	51.02	29.2	PASS
n1	30	20	386000	1@0	CP_QAM16	U-ACLR12-	56.59	35.2	PASS
n1	30	20	386000	1@0	CP_QAM16	U-ACLR11-	52.34	32.2	PASS
n1	30	20	386000	1@0	CP_QAM16	U-ACLR1+	56.43	32.2	PASS
n1	30	20	386000	1@0	CP_QAM16	U-ACLR2+	57.65	35.2	PASS
n1	30	20	386000	51@0	CP_QAM16	NR-ACLR1-	48.61	29.2	PASS
n1	30	20	386000	51@0	CP_QAM16	NR-ACLR1+	51.08	29.2	PASS
n1	30	20	386000	51@0	CP_QAM16	U-ACLR12-	56.71	35.2	PASS
n1	30	20	386000	51@0	CP_QAM16	U-ACLR11-	52.32	32.2	PASS
n1	30	20	386000	51@0	CP_QAM16	U-ACLR1+	56.47	32.2	PASS
n1	30	20	386000	51@0	CP_QAM16	U-ACLR2+	57.75	35.2	PASS
n1	30	20	386000	1@0	CP_QAM64	NR-ACLR1-	48.48	29.2	PASS
n1	30	20	386000	1@0	CP_QAM64	NR-ACLR1+	50.60	29.2	PASS
n1	30	20	386000	1@0	CP_QAM64	U-ACLR12-	56.36	35.2	PASS

n1	30	20	386000	1@0	CP_QAM64	U-ACLR11-	52.42	32.2	PASS
n1	30	20	386000	1@0	CP_QAM64	U-ACLR1+	56.06	32.2	PASS
n1	30	20	386000	1@0	CP_QAM64	U-ACLR2+	57.26	35.2	PASS
n1	30	20	386000	51@0	CP_QAM64	NR-ACLR1-	48.49	29.2	PASS
n1	30	20	386000	51@0	CP_QAM64	NR-ACLR1+	50.63	29.2	PASS
n1	30	20	386000	51@0	CP_QAM64	U-ACLR12-	56.39	35.2	PASS
n1	30	20	386000	51@0	CP_QAM64	U-ACLR11-	52.40	32.2	PASS
n1	30	20	386000	51@0	CP_QAM64	U-ACLR1+	56.12	32.2	PASS
n1	30	20	386000	51@0	CP_QAM64	U-ACLR2+	57.30	35.2	PASS
n1	30	20	386000	1@0	CP_QAM256	NR-ACLR1-	48.51	29.2	PASS
n1	30	20	386000	1@0	CP_QAM256	NR-ACLR1+	50.63	29.2	PASS
n1	30	20	386000	1@0	CP_QAM256	U-ACLR12-	56.34	35.2	PASS
n1	30	20	386000	1@0	CP_QAM256	U-ACLR11-	52.44	32.2	PASS
n1	30	20	386000	1@0	CP_QAM256	U-ACLR1+	56.06	32.2	PASS
n1	30	20	386000	1@0	CP_QAM256	U-ACLR2+	57.31	35.2	PASS
n1	30	20	386000	51@0	CP_QAM256	NR-ACLR1-	48.49	29.2	PASS
n1	30	20	386000	51@0	CP_QAM256	NR-ACLR1+	50.61	29.2	PASS
n1	30	20	386000	51@0	CP_QAM256	U-ACLR12-	56.33	35.2	PASS
n1	30	20	386000	51@0	CP_QAM256	U-ACLR11-	52.43	32.2	PASS
n1	30	20	386000	51@0	CP_QAM256	U-ACLR1+	56.10	32.2	PASS
n1	30	20	386000	51@0	CP_QAM256	U-ACLR2+	57.28	35.2	PASS
n1	30	20	394000	25@12	DFT_BPSK	NR-ACLR1-	46.03	29.2	PASS
n1	30	20	394000	25@12	DFT_BPSK	NR-ACLR1+	47.63	29.2	PASS
n1	30	20	394000	25@12	DFT_BPSK	U-ACLR12-	53.21	35.2	PASS
n1	30	20	394000	25@12	DFT_BPSK	U-ACLR11-	49.18	32.2	PASS
n1	30	20	394000	25@12	DFT_BPSK	U-ACLR1+	50.76	32.2	PASS
n1	30	20	394000	25@12	DFT_BPSK	U-ACLR2+	54.95	35.2	PASS
n1	30	20	394000	1@50	DFT_BPSK	NR-ACLR1-	50.50	29.2	PASS
n1	30	20	394000	1@50	DFT_BPSK	NR-ACLR1+	48.34	29.2	PASS
n1	30	20	394000	1@50	DFT_BPSK	U-ACLR12-	57.18	35.2	PASS
n1	30	20	394000	1@50	DFT_BPSK	U-ACLR11-	56.28	32.2	PASS
n1	30	20	394000	1@50	DFT_BPSK	U-ACLR1+	51.87	32.2	PASS
n1	30	20	394000	1@50	DFT_BPSK	U-ACLR2+	56.55	35.2	PASS
n1	30	20	394000	50@0	DFT_BPSK	NR-ACLR1-	42.14	29.2	PASS
n1	30	20	394000	50@0	DFT_BPSK	NR-ACLR1+	43.17	29.2	PASS
n1	30	20	394000	50@0	DFT_BPSK	U-ACLR12-	48.44	35.2	PASS
n1	30	20	394000	50@0	DFT_BPSK	U-ACLR11-	46.34	32.2	PASS
n1	30	20	394000	50@0	DFT_BPSK	U-ACLR1+	46.78	32.2	PASS
n1	30	20	394000	50@0	DFT_BPSK	U-ACLR2+	49.76	35.2	PASS
n1	30	20	394000	25@12	DFT_QPSK	NR-ACLR1-	46.04	29.2	PASS
n1	30	20	394000	25@12	DFT_QPSK	NR-ACLR1+	47.64	29.2	PASS
n1	30	20	394000	25@12	DFT_QPSK	U-ACLR12-	53.31	35.2	PASS
n1	30	20	394000	25@12	DFT_QPSK	U-ACLR11-	49.11	32.2	PASS
n1	30	20	394000	25@12	DFT_QPSK	U-ACLR1+	50.73	32.2	PASS

n1	30	20	394000	25@12	DFT_QPSK	U-ACLR2+	55.00	35.2	PASS
n1	30	20	394000	1@50	DFT_QPSK	NR-ACLR1-	50.44	29.2	PASS
n1	30	20	394000	1@50	DFT_QPSK	NR-ACLR1+	48.36	29.2	PASS
n1	30	20	394000	1@50	DFT_QPSK	U-ACLR12-	57.22	35.2	PASS
n1	30	20	394000	1@50	DFT_QPSK	U-ACLR11-	56.15	32.2	PASS
n1	30	20	394000	1@50	DFT_QPSK	U-ACLR1+	51.86	32.2	PASS
n1	30	20	394000	1@50	DFT_QPSK	U-ACLR2+	56.59	35.2	PASS
n1	30	20	394000	50@0	DFT_QPSK	NR-ACLR1-	41.75	29.2	PASS
n1	30	20	394000	50@0	DFT_QPSK	NR-ACLR1+	42.88	29.2	PASS
n1	30	20	394000	50@0	DFT_QPSK	U-ACLR12-	48.04	35.2	PASS
n1	30	20	394000	50@0	DFT_QPSK	U-ACLR11-	45.84	32.2	PASS
n1	30	20	394000	50@0	DFT_QPSK	U-ACLR1+	46.40	32.2	PASS
n1	30	20	394000	50@0	DFT_QPSK	U-ACLR2+	49.45	35.2	PASS
n1	30	20	394000	25@12	DFT_QAM16	NR-ACLR1-	45.95	29.2	PASS
n1	30	20	394000	25@12	DFT_QAM16	NR-ACLR1+	47.61	29.2	PASS
n1	30	20	394000	25@12	DFT_QAM16	U-ACLR12-	53.26	35.2	PASS
n1	30	20	394000	25@12	DFT_QAM16	U-ACLR11-	49.03	32.2	PASS
n1	30	20	394000	25@12	DFT_QAM16	U-ACLR1+	50.74	32.2	PASS
n1	30	20	394000	25@12	DFT_QAM16	U-ACLR2+	54.97	35.2	PASS
n1	30	20	394000	1@50	DFT_QAM16	NR-ACLR1-	50.31	29.2	PASS
n1	30	20	394000	1@50	DFT_QAM16	NR-ACLR1+	48.29	29.2	PASS
n1	30	20	394000	1@50	DFT_QAM16	U-ACLR12-	56.97	35.2	PASS
n1	30	20	394000	1@50	DFT_QAM16	U-ACLR11-	56.04	32.2	PASS
n1	30	20	394000	1@50	DFT_QAM16	U-ACLR1+	51.79	32.2	PASS
n1	30	20	394000	1@50	DFT_QAM16	U-ACLR2+	56.44	35.2	PASS
n1	30	20	394000	50@0	DFT_QAM16	NR-ACLR1-	42.04	29.2	PASS
n1	30	20	394000	50@0	DFT_QAM16	NR-ACLR1+	43.33	29.2	PASS
n1	30	20	394000	50@0	DFT_QAM16	U-ACLR12-	48.39	35.2	PASS
n1	30	20	394000	50@0	DFT_QAM16	U-ACLR11-	46.17	32.2	PASS
n1	30	20	394000	50@0	DFT_QAM16	U-ACLR1+	46.91	32.2	PASS
n1	30	20	394000	50@0	DFT_QAM16	U-ACLR2+	49.93	35.2	PASS
n1	30	20	394000	1@50	DFT_QAM64	NR-ACLR1-	48.83	29.2	PASS
n1	30	20	394000	1@50	DFT_QAM64	NR-ACLR1+	47.45	29.2	PASS
n1	30	20	394000	1@50	DFT_QAM64	U-ACLR12-	55.68	35.2	PASS
n1	30	20	394000	1@50	DFT_QAM64	U-ACLR11-	54.83	32.2	PASS
n1	30	20	394000	1@50	DFT_QAM64	U-ACLR1+	51.38	32.2	PASS
n1	30	20	394000	1@50	DFT_QAM64	U-ACLR2+	55.41	35.2	PASS
n1	30	20	394000	50@0	DFT_QAM64	NR-ACLR1-	42.20	29.2	PASS
n1	30	20	394000	50@0	DFT_QAM64	NR-ACLR1+	43.50	29.2	PASS
n1	30	20	394000	50@0	DFT_QAM64	U-ACLR12-	48.56	35.2	PASS
n1	30	20	394000	50@0	DFT_QAM64	U-ACLR11-	46.38	32.2	PASS
n1	30	20	394000	50@0	DFT_QAM64	U-ACLR1+	47.12	32.2	PASS
n1	30	20	394000	50@0	DFT_QAM64	U-ACLR2+	50.09	35.2	PASS
n1	30	20	394000	1@50	DFT_QAM256	NR-ACLR1-	50.27	29.2	PASS

n1	30	20	394000	1@50	DFT_QAM256	NR-ACLR1+	48.28	29.2	PASS
n1	30	20	394000	1@50	DFT_QAM256	U-ACLR12-	56.90	35.2	PASS
n1	30	20	394000	1@50	DFT_QAM256	U-ACLR11-	56.03	32.2	PASS
n1	30	20	394000	1@50	DFT_QAM256	U-ACLR1+	51.82	32.2	PASS
n1	30	20	394000	1@50	DFT_QAM256	U-ACLR2+	56.43	35.2	PASS
n1	30	20	394000	50@0	DFT_QAM256	NR-ACLR1-	41.92	29.2	PASS
n1	30	20	394000	50@0	DFT_QAM256	NR-ACLR1+	43.27	29.2	PASS
n1	30	20	394000	50@0	DFT_QAM256	U-ACLR12-	48.29	35.2	PASS
n1	30	20	394000	50@0	DFT_QAM256	U-ACLR11-	46.02	32.2	PASS
n1	30	20	394000	50@0	DFT_QAM256	U-ACLR1+	46.81	32.2	PASS
n1	30	20	394000	50@0	DFT_QAM256	U-ACLR2+	49.84	35.2	PASS
n1	30	20	394000	25@12	CP_QPSK	NR-ACLR1-	43.47	29.2	PASS
n1	30	20	394000	25@12	CP_QPSK	NR-ACLR1+	45.66	29.2	PASS
n1	30	20	394000	25@12	CP_QPSK	U-ACLR12-	52.57	35.2	PASS
n1	30	20	394000	25@12	CP_QPSK	U-ACLR11-	45.34	32.2	PASS
n1	30	20	394000	25@12	CP_QPSK	U-ACLR1+	47.77	32.2	PASS
n1	30	20	394000	25@12	CP_QPSK	U-ACLR2+	54.26	35.2	PASS
n1	30	20	394000	1@50	CP_QPSK	NR-ACLR1-	50.38	29.2	PASS
n1	30	20	394000	1@50	CP_QPSK	NR-ACLR1+	48.49	29.2	PASS
n1	30	20	394000	1@50	CP_QPSK	U-ACLR12-	57.14	35.2	PASS
n1	30	20	394000	1@50	CP_QPSK	U-ACLR11-	56.12	32.2	PASS
n1	30	20	394000	1@50	CP_QPSK	U-ACLR1+	52.15	32.2	PASS
n1	30	20	394000	1@50	CP_QPSK	U-ACLR2+	56.21	35.2	PASS
n1	30	20	394000	51@0	CP_QPSK	NR-ACLR1-	48.13	29.2	PASS
n1	30	20	394000	51@0	CP_QPSK	NR-ACLR1+	51.54	29.2	PASS
n1	30	20	394000	51@0	CP_QPSK	U-ACLR12-	55.74	35.2	PASS
n1	30	20	394000	51@0	CP_QPSK	U-ACLR11-	52.20	32.2	PASS
n1	30	20	394000	51@0	CP_QPSK	U-ACLR1+	57.01	32.2	PASS
n1	30	20	394000	51@0	CP_QPSK	U-ACLR2+	58.31	35.2	PASS
n1	30	20	394000	25@12	CP_QAM16	NR-ACLR1-	44.32	29.2	PASS
n1	30	20	394000	25@12	CP_QAM16	NR-ACLR1+	46.29	29.2	PASS
n1	30	20	394000	25@12	CP_QAM16	U-ACLR12-	52.61	35.2	PASS
n1	30	20	394000	25@12	CP_QAM16	U-ACLR11-	46.54	32.2	PASS
n1	30	20	394000	25@12	CP_QAM16	U-ACLR1+	48.61	32.2	PASS
n1	30	20	394000	25@12	CP_QAM16	U-ACLR2+	54.50	35.2	PASS
n1	30	20	394000	1@50	CP_QAM16	NR-ACLR1-	50.65	29.2	PASS
n1	30	20	394000	1@50	CP_QAM16	NR-ACLR1+	48.55	29.2	PASS
n1	30	20	394000	1@50	CP_QAM16	U-ACLR12-	57.36	35.2	PASS
n1	30	20	394000	1@50	CP_QAM16	U-ACLR11-	56.32	32.2	PASS
n1	30	20	394000	1@50	CP_QAM16	U-ACLR1+	52.18	32.2	PASS
n1	30	20	394000	1@50	CP_QAM16	U-ACLR2+	56.43	35.2	PASS
n1	30	20	394000	51@0	CP_QAM16	NR-ACLR1-	47.82	29.2	PASS
n1	30	20	394000	51@0	CP_QAM16	NR-ACLR1+	51.80	29.2	PASS
n1	30	20	394000	51@0	CP_QAM16	U-ACLR12-	55.77	35.2	PASS

n1	30	20	394000	51@0	CP_QAM16	U-ACLR11-	51.58	32.2	PASS
n1	30	20	394000	51@0	CP_QAM16	U-ACLR1+	57.26	32.2	PASS
n1	30	20	394000	51@0	CP_QAM16	U-ACLR2+	58.53	35.2	PASS
n1	30	20	394000	1@50	CP_QAM64	NR-ACLR1-	50.47	29.2	PASS
n1	30	20	394000	1@50	CP_QAM64	NR-ACLR1+	48.37	29.2	PASS
n1	30	20	394000	1@50	CP_QAM64	U-ACLR12-	57.12	35.2	PASS
n1	30	20	394000	1@50	CP_QAM64	U-ACLR11-	56.21	32.2	PASS
n1	30	20	394000	1@50	CP_QAM64	U-ACLR1+	51.91	32.2	PASS
n1	30	20	394000	1@50	CP_QAM64	U-ACLR2+	56.54	35.2	PASS
n1	30	20	394000	51@0	CP_QAM64	NR-ACLR1-	47.74	29.2	PASS
n1	30	20	394000	51@0	CP_QAM64	NR-ACLR1+	51.30	29.2	PASS
n1	30	20	394000	51@0	CP_QAM64	U-ACLR12-	55.54	35.2	PASS
n1	30	20	394000	51@0	CP_QAM64	U-ACLR11-	51.65	32.2	PASS
n1	30	20	394000	51@0	CP_QAM64	U-ACLR1+	56.80	32.2	PASS
n1	30	20	394000	51@0	CP_QAM64	U-ACLR2+	58.10	35.2	PASS
n1	30	20	394000	1@50	CP_QAM256	NR-ACLR1-	47.93	29.2	PASS
n1	30	20	394000	1@50	CP_QAM256	NR-ACLR1+	46.90	29.2	PASS
n1	30	20	394000	1@50	CP_QAM256	U-ACLR12-	54.78	35.2	PASS
n1	30	20	394000	1@50	CP_QAM256	U-ACLR11-	54.09	32.2	PASS
n1	30	20	394000	1@50	CP_QAM256	U-ACLR1+	51.19	32.2	PASS
n1	30	20	394000	1@50	CP_QAM256	U-ACLR2+	54.64	35.2	PASS
n1	30	20	394000	51@0	CP_QAM256	NR-ACLR1-	47.76	29.2	PASS
n1	30	20	394000	51@0	CP_QAM256	NR-ACLR1+	51.32	29.2	PASS
n1	30	20	394000	51@0	CP_QAM256	U-ACLR12-	55.57	35.2	PASS
n1	30	20	394000	51@0	CP_QAM256	U-ACLR11-	51.63	32.2	PASS
n1	30	20	394000	51@0	CP_QAM256	U-ACLR1+	56.86	32.2	PASS
n1	30	20	394000	51@0	CP_QAM256	U-ACLR2+	58.07	35.2	PASS
n20	30	10	167400	12@6	DFT_BPSK	NR-ACLR1-	51.45	29.2	PASS
n20	30	10	167400	12@6	DFT_BPSK	NR-ACLR1+	51.05	29.2	PASS
n20	30	10	167400	12@6	DFT_BPSK	U-ACLR12-	60.40	35.2	PASS
n20	30	10	167400	12@6	DFT_BPSK	U-ACLR11-	52.98	32.2	PASS
n20	30	10	167400	12@6	DFT_BPSK	U-ACLR1+	52.69	32.2	PASS
n20	30	10	167400	12@6	DFT_BPSK	U-ACLR2+	59.26	35.2	PASS
n20	30	10	167400	1@0	DFT_BPSK	NR-ACLR1-	51.78	29.2	PASS
n20	30	10	167400	1@0	DFT_BPSK	NR-ACLR1+	53.81	29.2	PASS
n20	30	10	167400	1@0	DFT_BPSK	U-ACLR12-	59.06	35.2	PASS
n20	30	10	167400	1@0	DFT_BPSK	U-ACLR11-	55.10	32.2	PASS
n20	30	10	167400	1@0	DFT_BPSK	U-ACLR1+	56.90	32.2	PASS
n20	30	10	167400	1@0	DFT_BPSK	U-ACLR2+	58.56	35.2	PASS
n20	30	10	167400	24@0	DFT_BPSK	NR-ACLR1-	49.44	29.2	PASS
n20	30	10	167400	24@0	DFT_BPSK	NR-ACLR1+	49.32	29.2	PASS
n20	30	10	167400	24@0	DFT_BPSK	U-ACLR12-	56.91	35.2	PASS
n20	30	10	167400	24@0	DFT_BPSK	U-ACLR11-	51.61	32.2	PASS
n20	30	10	167400	24@0	DFT_BPSK	U-ACLR1+	52.05	32.2	PASS

n20	30	10	167400	24@0	DFT_BPSK	U-ACLR2+	55.03	35.2	PASS
n20	30	10	167400	12@6	DFT_QPSK	NR-ACLR1-	48.21	29.2	PASS
n20	30	10	167400	12@6	DFT_QPSK	NR-ACLR1+	47.45	29.2	PASS
n20	30	10	167400	12@6	DFT_QPSK	U-ACLR12-	58.13	35.2	PASS
n20	30	10	167400	12@6	DFT_QPSK	U-ACLR11-	49.61	32.2	PASS
n20	30	10	167400	12@6	DFT_QPSK	U-ACLR1+	49.01	32.2	PASS
n20	30	10	167400	12@6	DFT_QPSK	U-ACLR2+	56.71	35.2	PASS
n20	30	10	167400	1@0	DFT_QPSK	NR-ACLR1-	51.52	29.2	PASS
n20	30	10	167400	1@0	DFT_QPSK	NR-ACLR1+	53.32	29.2	PASS
n20	30	10	167400	1@0	DFT_QPSK	U-ACLR12-	58.72	35.2	PASS
n20	30	10	167400	1@0	DFT_QPSK	U-ACLR11-	54.72	32.2	PASS
n20	30	10	167400	1@0	DFT_QPSK	U-ACLR1+	56.41	32.2	PASS
n20	30	10	167400	1@0	DFT_QPSK	U-ACLR2+	58.11	35.2	PASS
n20	30	10	167400	24@0	DFT_QPSK	NR-ACLR1-	45.93	29.2	PASS
n20	30	10	167400	24@0	DFT_QPSK	NR-ACLR1+	45.33	29.2	PASS
n20	30	10	167400	24@0	DFT_QPSK	U-ACLR12-	55.00	35.2	PASS
n20	30	10	167400	24@0	DFT_QPSK	U-ACLR11-	47.61	32.2	PASS
n20	30	10	167400	24@0	DFT_QPSK	U-ACLR1+	47.60	32.2	PASS
n20	30	10	167400	24@0	DFT_QPSK	U-ACLR2+	51.83	35.2	PASS
n20	30	10	167400	12@6	DFT_QAM16	NR-ACLR1-	48.66	29.2	PASS
n20	30	10	167400	12@6	DFT_QAM16	NR-ACLR1+	47.83	29.2	PASS
n20	30	10	167400	12@6	DFT_QAM16	U-ACLR12-	57.84	35.2	PASS
n20	30	10	167400	12@6	DFT_QAM16	U-ACLR11-	50.27	32.2	PASS
n20	30	10	167400	12@6	DFT_QAM16	U-ACLR1+	49.55	32.2	PASS
n20	30	10	167400	12@6	DFT_QAM16	U-ACLR2+	56.55	35.2	PASS
n20	30	10	167400	1@0	DFT_QAM16	NR-ACLR1-	50.88	29.2	PASS
n20	30	10	167400	1@0	DFT_QAM16	NR-ACLR1+	52.59	29.2	PASS
n20	30	10	167400	1@0	DFT_QAM16	U-ACLR12-	58.00	35.2	PASS
n20	30	10	167400	1@0	DFT_QAM16	U-ACLR11-	54.12	32.2	PASS
n20	30	10	167400	1@0	DFT_QAM16	U-ACLR1+	55.63	32.2	PASS
n20	30	10	167400	1@0	DFT_QAM16	U-ACLR2+	57.47	35.2	PASS
n20	30	10	167400	24@0	DFT_QAM16	NR-ACLR1-	47.55	29.2	PASS
n20	30	10	167400	24@0	DFT_QAM16	NR-ACLR1+	46.22	29.2	PASS
n20	30	10	167400	24@0	DFT_QAM16	U-ACLR12-	55.41	35.2	PASS
n20	30	10	167400	24@0	DFT_QAM16	U-ACLR11-	49.45	32.2	PASS
n20	30	10	167400	24@0	DFT_QAM16	U-ACLR1+	48.61	32.2	PASS
n20	30	10	167400	24@0	DFT_QAM16	U-ACLR2+	52.36	35.2	PASS
n20	30	10	167400	1@0	DFT_QAM64	NR-ACLR1-	50.77	29.2	PASS
n20	30	10	167400	1@0	DFT_QAM64	NR-ACLR1+	52.68	29.2	PASS
n20	30	10	167400	1@0	DFT_QAM64	U-ACLR12-	58.07	35.2	PASS
n20	30	10	167400	1@0	DFT_QAM64	U-ACLR11-	54.07	32.2	PASS
n20	30	10	167400	1@0	DFT_QAM64	U-ACLR1+	55.79	32.2	PASS
n20	30	10	167400	1@0	DFT_QAM64	U-ACLR2+	57.44	35.2	PASS
n20	30	10	167400	24@0	DFT_QAM64	NR-ACLR1-	47.34	29.2	PASS

n20	30	10	167400	24@0	DFT_QAM64	NR-ACLR1+	46.41	29.2	PASS
n20	30	10	167400	24@0	DFT_QAM64	U-ACLR12-	55.54	35.2	PASS
n20	30	10	167400	24@0	DFT_QAM64	U-ACLR11-	49.13	32.2	PASS
n20	30	10	167400	24@0	DFT_QAM64	U-ACLR1+	48.69	32.2	PASS
n20	30	10	167400	24@0	DFT_QAM64	U-ACLR2+	52.86	35.2	PASS
n20	30	10	167400	1@0	DFT_QAM256	NR-ACLR1-	50.74	29.2	PASS
n20	30	10	167400	1@0	DFT_QAM256	NR-ACLR1+	52.71	29.2	PASS
n20	30	10	167400	1@0	DFT_QAM256	U-ACLR12-	57.95	35.2	PASS
n20	30	10	167400	1@0	DFT_QAM256	U-ACLR11-	54.06	32.2	PASS
n20	30	10	167400	1@0	DFT_QAM256	U-ACLR1+	55.78	32.2	PASS
n20	30	10	167400	1@0	DFT_QAM256	U-ACLR2+	57.51	35.2	PASS
n20	30	10	167400	24@0	DFT_QAM256	NR-ACLR1-	47.39	29.2	PASS
n20	30	10	167400	24@0	DFT_QAM256	NR-ACLR1+	46.37	29.2	PASS
n20	30	10	167400	24@0	DFT_QAM256	U-ACLR12-	55.60	35.2	PASS
n20	30	10	167400	24@0	DFT_QAM256	U-ACLR11-	49.19	32.2	PASS
n20	30	10	167400	24@0	DFT_QAM256	U-ACLR1+	48.68	32.2	PASS
n20	30	10	167400	24@0	DFT_QAM256	U-ACLR2+	52.76	35.2	PASS
n20	30	10	167400	12@6	CP_QPSK	NR-ACLR1-	44.45	29.2	PASS
n20	30	10	167400	12@6	CP_QPSK	NR-ACLR1+	43.29	29.2	PASS
n20	30	10	167400	12@6	CP_QPSK	U-ACLR12-	53.90	35.2	PASS
n20	30	10	167400	12@6	CP_QPSK	U-ACLR11-	45.97	32.2	PASS
n20	30	10	167400	12@6	CP_QPSK	U-ACLR1+	45.31	32.2	PASS
n20	30	10	167400	12@6	CP_QPSK	U-ACLR2+	50.39	35.2	PASS
n20	30	10	167400	1@0	CP_QPSK	NR-ACLR1-	50.64	29.2	PASS
n20	30	10	167400	1@0	CP_QPSK	NR-ACLR1+	51.58	29.2	PASS
n20	30	10	167400	1@0	CP_QPSK	U-ACLR12-	57.47	35.2	PASS
n20	30	10	167400	1@0	CP_QPSK	U-ACLR11-	53.54	32.2	PASS
n20	30	10	167400	1@0	CP_QPSK	U-ACLR1+	54.56	32.2	PASS
n20	30	10	167400	1@0	CP_QPSK	U-ACLR2+	56.50	35.2	PASS
n20	30	10	167400	24@0	CP_QPSK	NR-ACLR1-	44.39	29.2	PASS
n20	30	10	167400	24@0	CP_QPSK	NR-ACLR1+	43.37	29.2	PASS
n20	30	10	167400	24@0	CP_QPSK	U-ACLR12-	53.84	35.2	PASS
n20	30	10	167400	24@0	CP_QPSK	U-ACLR11-	45.90	32.2	PASS
n20	30	10	167400	24@0	CP_QPSK	U-ACLR1+	45.40	32.2	PASS
n20	30	10	167400	24@0	CP_QPSK	U-ACLR2+	50.48	35.2	PASS
n20	30	10	167400	12@6	CP_QAM16	NR-ACLR1-	47.17	29.2	PASS
n20	30	10	167400	12@6	CP_QAM16	NR-ACLR1+	46.71	29.2	PASS
n20	30	10	167400	12@6	CP_QAM16	U-ACLR12-	57.20	35.2	PASS
n20	30	10	167400	12@6	CP_QAM16	U-ACLR11-	48.83	32.2	PASS
n20	30	10	167400	12@6	CP_QAM16	U-ACLR1+	48.42	32.2	PASS
n20	30	10	167400	12@6	CP_QAM16	U-ACLR2+	56.00	35.2	PASS
n20	30	10	167400	1@0	CP_QAM16	NR-ACLR1-	50.11	29.2	PASS
n20	30	10	167400	1@0	CP_QAM16	NR-ACLR1+	51.47	29.2	PASS
n20	30	10	167400	1@0	CP_QAM16	U-ACLR12-	57.29	35.2	PASS

n20	30	10	167400	1@0	CP_QAM16	U-ACLR11-	53.20	32.2	PASS
n20	30	10	167400	1@0	CP_QAM16	U-ACLR1+	54.48	32.2	PASS
n20	30	10	167400	1@0	CP_QAM16	U-ACLR2+	56.36	35.2	PASS
n20	30	10	167400	24@0	CP_QAM16	NR-ACLR1-	43.93	29.2	PASS
n20	30	10	167400	24@0	CP_QAM16	NR-ACLR1+	42.83	29.2	PASS
n20	30	10	167400	24@0	CP_QAM16	U-ACLR12-	53.74	35.2	PASS
n20	30	10	167400	24@0	CP_QAM16	U-ACLR11-	45.42	32.2	PASS
n20	30	10	167400	24@0	CP_QAM16	U-ACLR1+	44.75	32.2	PASS
n20	30	10	167400	24@0	CP_QAM16	U-ACLR2+	50.29	35.2	PASS
n20	30	10	167400	1@0	CP_QAM64	NR-ACLR1-	50.29	29.2	PASS
n20	30	10	167400	1@0	CP_QAM64	NR-ACLR1+	51.41	29.2	PASS
n20	30	10	167400	1@0	CP_QAM64	U-ACLR12-	57.02	35.2	PASS
n20	30	10	167400	1@0	CP_QAM64	U-ACLR11-	53.36	32.2	PASS
n20	30	10	167400	1@0	CP_QAM64	U-ACLR1+	54.47	32.2	PASS
n20	30	10	167400	1@0	CP_QAM64	U-ACLR2+	56.22	35.2	PASS
n20	30	10	167400	24@0	CP_QAM64	NR-ACLR1-	44.98	29.2	PASS
n20	30	10	167400	24@0	CP_QAM64	NR-ACLR1+	43.98	29.2	PASS
n20	30	10	167400	24@0	CP_QAM64	U-ACLR12-	54.14	35.2	PASS
n20	30	10	167400	24@0	CP_QAM64	U-ACLR11-	46.57	32.2	PASS
n20	30	10	167400	24@0	CP_QAM64	U-ACLR1+	46.01	32.2	PASS
n20	30	10	167400	24@0	CP_QAM64	U-ACLR2+	51.12	35.2	PASS
n20	30	10	167400	1@0	CP_QAM256	NR-ACLR1-	50.29	29.2	PASS
n20	30	10	167400	1@0	CP_QAM256	NR-ACLR1+	51.36	29.2	PASS
n20	30	10	167400	1@0	CP_QAM256	U-ACLR12-	57.02	35.2	PASS
n20	30	10	167400	1@0	CP_QAM256	U-ACLR11-	53.36	32.2	PASS
n20	30	10	167400	1@0	CP_QAM256	U-ACLR1+	54.42	32.2	PASS
n20	30	10	167400	1@0	CP_QAM256	U-ACLR2+	56.17	35.2	PASS
n20	30	10	167400	24@0	CP_QAM256	NR-ACLR1-	45.02	29.2	PASS
n20	30	10	167400	24@0	CP_QAM256	NR-ACLR1+	43.95	29.2	PASS
n20	30	10	167400	24@0	CP_QAM256	U-ACLR12-	54.12	35.2	PASS
n20	30	10	167400	24@0	CP_QAM256	U-ACLR11-	46.64	32.2	PASS
n20	30	10	167400	24@0	CP_QAM256	U-ACLR1+	45.99	32.2	PASS
n20	30	10	167400	24@0	CP_QAM256	U-ACLR2+	51.04	35.2	PASS
n20	30	10	171400	12@6	DFT_BPSK	NR-ACLR1-	48.48	29.2	PASS
n20	30	10	171400	12@6	DFT_BPSK	NR-ACLR1+	48.45	29.2	PASS
n20	30	10	171400	12@6	DFT_BPSK	U-ACLR12-	56.65	35.2	PASS
n20	30	10	171400	12@6	DFT_BPSK	U-ACLR11-	50.38	32.2	PASS
n20	30	10	171400	12@6	DFT_BPSK	U-ACLR1+	49.96	32.2	PASS
n20	30	10	171400	12@6	DFT_BPSK	U-ACLR2+	57.83	35.2	PASS
n20	30	10	171400	1@23	DFT_BPSK	NR-ACLR1-	46.21	29.2	PASS
n20	30	10	171400	1@23	DFT_BPSK	NR-ACLR1+	48.63	29.2	PASS
n20	30	10	171400	1@23	DFT_BPSK	U-ACLR12-	53.53	35.2	PASS
n20	30	10	171400	1@23	DFT_BPSK	U-ACLR11-	48.36	32.2	PASS
n20	30	10	171400	1@23	DFT_BPSK	U-ACLR1+	50.50	32.2	PASS

n20	30	10	171400	1@23	DFT_BPSK	U-ACLR2+	56.35	35.2	PASS
n20	30	10	171400	24@0	DFT_BPSK	NR-ACLR1-	47.12	29.2	PASS
n20	30	10	171400	24@0	DFT_BPSK	NR-ACLR1+	48.93	29.2	PASS
n20	30	10	171400	24@0	DFT_BPSK	U-ACLR12-	53.52	35.2	PASS
n20	30	10	171400	24@0	DFT_BPSK	U-ACLR11-	49.49	32.2	PASS
n20	30	10	171400	24@0	DFT_BPSK	U-ACLR1+	50.98	32.2	PASS
n20	30	10	171400	24@0	DFT_BPSK	U-ACLR2+	55.85	35.2	PASS
n20	30	10	171400	12@6	DFT_QPSK	NR-ACLR1-	45.89	29.2	PASS
n20	30	10	171400	12@6	DFT_QPSK	NR-ACLR1+	46.26	29.2	PASS
n20	30	10	171400	12@6	DFT_QPSK	U-ACLR12-	56.36	35.2	PASS
n20	30	10	171400	12@6	DFT_QPSK	U-ACLR11-	47.34	32.2	PASS
n20	30	10	171400	12@6	DFT_QPSK	U-ACLR1+	47.60	32.2	PASS
n20	30	10	171400	12@6	DFT_QPSK	U-ACLR2+	57.56	35.2	PASS
n20	30	10	171400	1@23	DFT_QPSK	NR-ACLR1-	52.96	29.2	PASS
n20	30	10	171400	1@23	DFT_QPSK	NR-ACLR1+	51.35	29.2	PASS
n20	30	10	171400	1@23	DFT_QPSK	U-ACLR12-	57.72	35.2	PASS
n20	30	10	171400	1@23	DFT_QPSK	U-ACLR11-	56.07	32.2	PASS
n20	30	10	171400	1@23	DFT_QPSK	U-ACLR1+	54.47	32.2	PASS
n20	30	10	171400	1@23	DFT_QPSK	U-ACLR2+	58.64	35.2	PASS
n20	30	10	171400	24@0	DFT_QPSK	NR-ACLR1-	44.78	29.2	PASS
n20	30	10	171400	24@0	DFT_QPSK	NR-ACLR1+	45.74	29.2	PASS
n20	30	10	171400	24@0	DFT_QPSK	U-ACLR12-	51.72	35.2	PASS
n20	30	10	171400	24@0	DFT_QPSK	U-ACLR11-	46.90	32.2	PASS
n20	30	10	171400	24@0	DFT_QPSK	U-ACLR1+	47.62	32.2	PASS
n20	30	10	171400	24@0	DFT_QPSK	U-ACLR2+	52.98	35.2	PASS
n20	30	10	171400	12@6	DFT_QAM16	NR-ACLR1-	46.95	29.2	PASS
n20	30	10	171400	12@6	DFT_QAM16	NR-ACLR1+	47.02	29.2	PASS
n20	30	10	171400	12@6	DFT_QAM16	U-ACLR12-	56.27	35.2	PASS
n20	30	10	171400	12@6	DFT_QAM16	U-ACLR11-	48.67	32.2	PASS
n20	30	10	171400	12@6	DFT_QAM16	U-ACLR1+	48.53	32.2	PASS
n20	30	10	171400	12@6	DFT_QAM16	U-ACLR2+	57.31	35.2	PASS
n20	30	10	171400	1@23	DFT_QAM16	NR-ACLR1-	52.06	29.2	PASS
n20	30	10	171400	1@23	DFT_QAM16	NR-ACLR1+	50.55	29.2	PASS
n20	30	10	171400	1@23	DFT_QAM16	U-ACLR12-	56.79	35.2	PASS
n20	30	10	171400	1@23	DFT_QAM16	U-ACLR11-	55.22	32.2	PASS
n20	30	10	171400	1@23	DFT_QAM16	U-ACLR1+	53.63	32.2	PASS
n20	30	10	171400	1@23	DFT_QAM16	U-ACLR2+	57.92	35.2	PASS
n20	30	10	171400	24@0	DFT_QAM16	NR-ACLR1-	45.44	29.2	PASS
n20	30	10	171400	24@0	DFT_QAM16	NR-ACLR1+	46.22	29.2	PASS
n20	30	10	171400	24@0	DFT_QAM16	U-ACLR12-	52.04	35.2	PASS
n20	30	10	171400	24@0	DFT_QAM16	U-ACLR11-	47.68	32.2	PASS
n20	30	10	171400	24@0	DFT_QAM16	U-ACLR1+	48.10	32.2	PASS
n20	30	10	171400	24@0	DFT_QAM16	U-ACLR2+	53.43	35.2	PASS
n20	30	10	171400	1@23	DFT_QAM64	NR-ACLR1-	52.12	29.2	PASS

n20	30	10	171400	1@23	DFT_QAM64	NR-ACLR1+	50.47	29.2	PASS
n20	30	10	171400	1@23	DFT_QAM64	U-ACLR12-	56.81	35.2	PASS
n20	30	10	171400	1@23	DFT_QAM64	U-ACLR11-	55.28	32.2	PASS
n20	30	10	171400	1@23	DFT_QAM64	U-ACLR1+	53.73	32.2	PASS
n20	30	10	171400	1@23	DFT_QAM64	U-ACLR2+	57.93	35.2	PASS
n20	30	10	171400	24@0	DFT_QAM64	NR-ACLR1-	46.58	29.2	PASS
n20	30	10	171400	24@0	DFT_QAM64	NR-ACLR1+	46.77	29.2	PASS
n20	30	10	171400	24@0	DFT_QAM64	U-ACLR12-	52.41	35.2	PASS
n20	30	10	171400	24@0	DFT_QAM64	U-ACLR11-	49.13	32.2	PASS
n20	30	10	171400	24@0	DFT_QAM64	U-ACLR1+	48.86	32.2	PASS
n20	30	10	171400	24@0	DFT_QAM64	U-ACLR2+	53.60	35.2	PASS
n20	30	10	171400	1@23	DFT_QAM256	NR-ACLR1-	52.28	29.2	PASS
n20	30	10	171400	1@23	DFT_QAM256	NR-ACLR1+	50.54	29.2	PASS
n20	30	10	171400	1@23	DFT_QAM256	U-ACLR12-	56.94	35.2	PASS
n20	30	10	171400	1@23	DFT_QAM256	U-ACLR11-	55.46	32.2	PASS
n20	30	10	171400	1@23	DFT_QAM256	U-ACLR1+	53.81	32.2	PASS
n20	30	10	171400	1@23	DFT_QAM256	U-ACLR2+	58.06	35.2	PASS
n20	30	10	171400	24@0	DFT_QAM256	NR-ACLR1-	46.52	29.2	PASS
n20	30	10	171400	24@0	DFT_QAM256	NR-ACLR1+	46.89	29.2	PASS
n20	30	10	171400	24@0	DFT_QAM256	U-ACLR12-	52.41	35.2	PASS
n20	30	10	171400	24@0	DFT_QAM256	U-ACLR11-	49.06	32.2	PASS
n20	30	10	171400	24@0	DFT_QAM256	U-ACLR1+	48.99	32.2	PASS
n20	30	10	171400	24@0	DFT_QAM256	U-ACLR2+	53.70	35.2	PASS
n20	30	10	171400	12@6	CP_QPSK	NR-ACLR1-	49.16	29.2	PASS
n20	30	10	171400	12@6	CP_QPSK	NR-ACLR1+	49.18	29.2	PASS
n20	30	10	171400	12@6	CP_QPSK	U-ACLR12-	56.20	35.2	PASS
n20	30	10	171400	12@6	CP_QPSK	U-ACLR11-	51.26	32.2	PASS
n20	30	10	171400	12@6	CP_QPSK	U-ACLR1+	50.92	32.2	PASS
n20	30	10	171400	12@6	CP_QPSK	U-ACLR2+	57.12	35.2	PASS
n20	30	10	171400	1@23	CP_QPSK	NR-ACLR1-	52.25	29.2	PASS
n20	30	10	171400	1@23	CP_QPSK	NR-ACLR1+	50.75	29.2	PASS
n20	30	10	171400	1@23	CP_QPSK	U-ACLR12-	56.92	35.2	PASS
n20	30	10	171400	1@23	CP_QPSK	U-ACLR11-	55.42	32.2	PASS
n20	30	10	171400	1@23	CP_QPSK	U-ACLR1+	53.93	32.2	PASS
n20	30	10	171400	1@23	CP_QPSK	U-ACLR2+	57.98	35.2	PASS
n20	30	10	171400	24@0	CP_QPSK	NR-ACLR1-	41.78	29.2	PASS
n20	30	10	171400	24@0	CP_QPSK	NR-ACLR1+	42.80	29.2	PASS
n20	30	10	171400	24@0	CP_QPSK	U-ACLR12-	50.02	35.2	PASS
n20	30	10	171400	24@0	CP_QPSK	U-ACLR11-	43.48	32.2	PASS
n20	30	10	171400	24@0	CP_QPSK	U-ACLR1+	44.25	32.2	PASS
n20	30	10	171400	24@0	CP_QPSK	U-ACLR2+	51.80	35.2	PASS
n20	30	10	171400	12@6	CP_QAM16	NR-ACLR1-	45.67	29.2	PASS
n20	30	10	171400	12@6	CP_QAM16	NR-ACLR1+	45.98	29.2	PASS
n20	30	10	171400	12@6	CP_QAM16	U-ACLR12-	55.25	35.2	PASS

n20	30	10	171400	12@6	CP_QAM16	U-ACLR11-	47.52	32.2	PASS
n20	30	10	171400	12@6	CP_QAM16	U-ACLR1+	47.49	32.2	PASS
n20	30	10	171400	12@6	CP_QAM16	U-ACLR2+	56.56	35.2	PASS
n20	30	10	171400	1@23	CP_QAM16	NR-ACLR1-	50.94	29.2	PASS
n20	30	10	171400	1@23	CP_QAM16	NR-ACLR1+	50.09	29.2	PASS
n20	30	10	171400	1@23	CP_QAM16	U-ACLR12-	55.66	35.2	PASS
n20	30	10	171400	1@23	CP_QAM16	U-ACLR11-	54.07	32.2	PASS
n20	30	10	171400	1@23	CP_QAM16	U-ACLR1+	52.99	32.2	PASS
n20	30	10	171400	1@23	CP_QAM16	U-ACLR2+	57.18	35.2	PASS
n20	30	10	171400	24@0	CP_QAM16	NR-ACLR1-	41.32	29.2	PASS
n20	30	10	171400	24@0	CP_QAM16	NR-ACLR1+	42.15	29.2	PASS
n20	30	10	171400	24@0	CP_QAM16	U-ACLR12-	50.08	35.2	PASS
n20	30	10	171400	24@0	CP_QAM16	U-ACLR11-	42.95	32.2	PASS
n20	30	10	171400	24@0	CP_QAM16	U-ACLR1+	43.50	32.2	PASS
n20	30	10	171400	24@0	CP_QAM16	U-ACLR2+	51.71	35.2	PASS
n20	30	10	171400	1@23	CP_QAM64	NR-ACLR1-	50.86	29.2	PASS
n20	30	10	171400	1@23	CP_QAM64	NR-ACLR1+	50.27	29.2	PASS
n20	30	10	171400	1@23	CP_QAM64	U-ACLR12-	55.59	35.2	PASS
n20	30	10	171400	1@23	CP_QAM64	U-ACLR11-	54.01	32.2	PASS
n20	30	10	171400	1@23	CP_QAM64	U-ACLR1+	53.02	32.2	PASS
n20	30	10	171400	1@23	CP_QAM64	U-ACLR2+	56.97	35.2	PASS
n20	30	10	171400	24@0	CP_QAM64	NR-ACLR1-	42.81	29.2	PASS
n20	30	10	171400	24@0	CP_QAM64	NR-ACLR1+	43.62	29.2	PASS
n20	30	10	171400	24@0	CP_QAM64	U-ACLR12-	50.73	35.2	PASS
n20	30	10	171400	24@0	CP_QAM64	U-ACLR11-	44.65	32.2	PASS
n20	30	10	171400	24@0	CP_QAM64	U-ACLR1+	45.11	32.2	PASS
n20	30	10	171400	24@0	CP_QAM64	U-ACLR2+	52.42	35.2	PASS
n20	30	10	171400	1@23	CP_QAM256	NR-ACLR1-	50.98	29.2	PASS
n20	30	10	171400	1@23	CP_QAM256	NR-ACLR1+	50.33	29.2	PASS
n20	30	10	171400	1@23	CP_QAM256	U-ACLR12-	55.72	35.2	PASS
n20	30	10	171400	1@23	CP_QAM256	U-ACLR11-	54.12	32.2	PASS
n20	30	10	171400	1@23	CP_QAM256	U-ACLR1+	53.15	32.2	PASS
n20	30	10	171400	1@23	CP_QAM256	U-ACLR2+	57.12	35.2	PASS
n20	30	10	171400	24@0	CP_QAM256	NR-ACLR1-	43.03	29.2	PASS
n20	30	10	171400	24@0	CP_QAM256	NR-ACLR1+	43.77	29.2	PASS
n20	30	10	171400	24@0	CP_QAM256	U-ACLR12-	50.80	35.2	PASS
n20	30	10	171400	24@0	CP_QAM256	U-ACLR11-	44.92	32.2	PASS
n20	30	10	171400	24@0	CP_QAM256	U-ACLR1+	45.28	32.2	PASS
n20	30	10	171400	24@0	CP_QAM256	U-ACLR2+	52.39	35.2	PASS
n20	30	20	168400	25@12	DFT_BPSK	NR-ACLR1-	49.31	29.2	PASS
n20	30	20	168400	25@12	DFT_BPSK	NR-ACLR1+	48.03	29.2	PASS
n20	30	20	168400	25@12	DFT_BPSK	U-ACLR12-	58.41	35.2	PASS
n20	30	20	168400	25@12	DFT_BPSK	U-ACLR11-	51.09	32.2	PASS
n20	30	20	168400	25@12	DFT_BPSK	U-ACLR1+	50.43	32.2	PASS

n20	30	20	168400	25@12	DFT_BPSK	U-ACLR2+	55.88	35.2	PASS
n20	30	20	168400	1@0	DFT_BPSK	NR-ACLR1-	50.55	29.2	PASS
n20	30	20	168400	1@0	DFT_BPSK	NR-ACLR1+	53.00	29.2	PASS
n20	30	20	168400	1@0	DFT_BPSK	U-ACLR12-	59.25	35.2	PASS
n20	30	20	168400	1@0	DFT_BPSK	U-ACLR11-	53.63	32.2	PASS
n20	30	20	168400	1@0	DFT_BPSK	U-ACLR1+	57.72	32.2	PASS
n20	30	20	168400	1@0	DFT_BPSK	U-ACLR2+	59.87	35.2	PASS
n20	30	20	168400	50@0	DFT_BPSK	NR-ACLR1-	46.88	29.2	PASS
n20	30	20	168400	50@0	DFT_BPSK	NR-ACLR1+	43.63	29.2	PASS
n20	30	20	168400	50@0	DFT_BPSK	U-ACLR12-	55.06	35.2	PASS
n20	30	20	168400	50@0	DFT_BPSK	U-ACLR11-	48.79	32.2	PASS
n20	30	20	168400	50@0	DFT_BPSK	U-ACLR1+	47.76	32.2	PASS
n20	30	20	168400	50@0	DFT_BPSK	U-ACLR2+	50.16	35.2	PASS
n20	30	20	168400	25@12	DFT_QPSK	NR-ACLR1-	49.28	29.2	PASS
n20	30	20	168400	25@12	DFT_QPSK	NR-ACLR1+	48.02	29.2	PASS
n20	30	20	168400	25@12	DFT_QPSK	U-ACLR12-	58.34	35.2	PASS
n20	30	20	168400	25@12	DFT_QPSK	U-ACLR11-	51.08	32.2	PASS
n20	30	20	168400	25@12	DFT_QPSK	U-ACLR1+	50.42	32.2	PASS
n20	30	20	168400	25@12	DFT_QPSK	U-ACLR2+	55.86	35.2	PASS
n20	30	20	168400	1@0	DFT_QPSK	NR-ACLR1-	50.54	29.2	PASS
n20	30	20	168400	1@0	DFT_QPSK	NR-ACLR1+	53.06	29.2	PASS
n20	30	20	168400	1@0	DFT_QPSK	U-ACLR12-	59.26	35.2	PASS
n20	30	20	168400	1@0	DFT_QPSK	U-ACLR11-	53.60	32.2	PASS
n20	30	20	168400	1@0	DFT_QPSK	U-ACLR1+	57.75	32.2	PASS
n20	30	20	168400	1@0	DFT_QPSK	U-ACLR2+	59.96	35.2	PASS
n20	30	20	168400	50@0	DFT_QPSK	NR-ACLR1-	46.82	29.2	PASS
n20	30	20	168400	50@0	DFT_QPSK	NR-ACLR1+	43.62	29.2	PASS
n20	30	20	168400	50@0	DFT_QPSK	U-ACLR12-	55.07	35.2	PASS
n20	30	20	168400	50@0	DFT_QPSK	U-ACLR11-	48.71	32.2	PASS
n20	30	20	168400	50@0	DFT_QPSK	U-ACLR1+	47.73	32.2	PASS
n20	30	20	168400	50@0	DFT_QPSK	U-ACLR2+	50.17	35.2	PASS
n20	30	20	168400	25@12	DFT_QAM16	NR-ACLR1-	49.29	29.2	PASS
n20	30	20	168400	25@12	DFT_QAM16	NR-ACLR1+	48.01	29.2	PASS
n20	30	20	168400	25@12	DFT_QAM16	U-ACLR12-	58.34	35.2	PASS
n20	30	20	168400	25@12	DFT_QAM16	U-ACLR11-	51.08	32.2	PASS
n20	30	20	168400	25@12	DFT_QAM16	U-ACLR1+	50.41	32.2	PASS
n20	30	20	168400	25@12	DFT_QAM16	U-ACLR2+	55.84	35.2	PASS
n20	30	20	168400	1@0	DFT_QAM16	NR-ACLR1-	50.55	29.2	PASS
n20	30	20	168400	1@0	DFT_QAM16	NR-ACLR1+	52.99	29.2	PASS
n20	30	20	168400	1@0	DFT_QAM16	U-ACLR12-	59.28	35.2	PASS
n20	30	20	168400	1@0	DFT_QAM16	U-ACLR11-	53.60	32.2	PASS
n20	30	20	168400	1@0	DFT_QAM16	U-ACLR1+	57.68	32.2	PASS
n20	30	20	168400	1@0	DFT_QAM16	U-ACLR2+	59.90	35.2	PASS
n20	30	20	168400	50@0	DFT_QAM16	NR-ACLR1-	47.24	29.2	PASS

n20	30	20	168400	50@0	DFT_QAM16	NR-ACLR1+	43.48	29.2	PASS
n20	30	20	168400	50@0	DFT_QAM16	U-ACLR12-	55.49	35.2	PASS
n20	30	20	168400	50@0	DFT_QAM16	U-ACLR11-	49.20	32.2	PASS
n20	30	20	168400	50@0	DFT_QAM16	U-ACLR1+	47.72	32.2	PASS
n20	30	20	168400	50@0	DFT_QAM16	U-ACLR2+	49.93	35.2	PASS
n20	30	20	168400	1@0	DFT_QAM64	NR-ACLR1-	50.26	29.2	PASS
n20	30	20	168400	1@0	DFT_QAM64	NR-ACLR1+	53.17	29.2	PASS
n20	30	20	168400	1@0	DFT_QAM64	U-ACLR12-	59.36	35.2	PASS
n20	30	20	168400	1@0	DFT_QAM64	U-ACLR11-	53.13	32.2	PASS
n20	30	20	168400	1@0	DFT_QAM64	U-ACLR1+	57.92	32.2	PASS
n20	30	20	168400	1@0	DFT_QAM64	U-ACLR2+	60.04	35.2	PASS
n20	30	20	168400	50@0	DFT_QAM64	NR-ACLR1-	47.22	29.2	PASS
n20	30	20	168400	50@0	DFT_QAM64	NR-ACLR1+	43.64	29.2	PASS
n20	30	20	168400	50@0	DFT_QAM64	U-ACLR12-	55.43	35.2	PASS
n20	30	20	168400	50@0	DFT_QAM64	U-ACLR11-	49.20	32.2	PASS
n20	30	20	168400	50@0	DFT_QAM64	U-ACLR1+	47.86	32.2	PASS
n20	30	20	168400	50@0	DFT_QAM64	U-ACLR2+	50.13	35.2	PASS
n20	30	20	168400	1@0	DFT_QAM256	NR-ACLR1-	50.01	29.2	PASS
n20	30	20	168400	1@0	DFT_QAM256	NR-ACLR1+	53.09	29.2	PASS
n20	30	20	168400	1@0	DFT_QAM256	U-ACLR12-	59.25	35.2	PASS
n20	30	20	168400	1@0	DFT_QAM256	U-ACLR11-	52.75	32.2	PASS
n20	30	20	168400	1@0	DFT_QAM256	U-ACLR1+	57.83	32.2	PASS
n20	30	20	168400	1@0	DFT_QAM256	U-ACLR2+	59.97	35.2	PASS
n20	30	20	168400	50@0	DFT_QAM256	NR-ACLR1-	46.48	29.2	PASS
n20	30	20	168400	50@0	DFT_QAM256	NR-ACLR1+	43.31	29.2	PASS
n20	30	20	168400	50@0	DFT_QAM256	U-ACLR12-	54.44	35.2	PASS
n20	30	20	168400	50@0	DFT_QAM256	U-ACLR11-	48.94	32.2	PASS
n20	30	20	168400	50@0	DFT_QAM256	U-ACLR1+	47.67	32.2	PASS
n20	30	20	168400	50@0	DFT_QAM256	U-ACLR2+	49.81	35.2	PASS
n20	30	20	168400	25@12	CP_QPSK	NR-ACLR1-	45.74	29.2	PASS
n20	30	20	168400	25@12	CP_QPSK	NR-ACLR1+	45.15	29.2	PASS
n20	30	20	168400	25@12	CP_QPSK	U-ACLR12-	56.73	35.2	PASS
n20	30	20	168400	25@12	CP_QPSK	U-ACLR11-	47.12	32.2	PASS
n20	30	20	168400	25@12	CP_QPSK	U-ACLR1+	47.12	32.2	PASS
n20	30	20	168400	25@12	CP_QPSK	U-ACLR2+	53.95	35.2	PASS
n20	30	20	168400	1@0	CP_QPSK	NR-ACLR1-	49.26	29.2	PASS
n20	30	20	168400	1@0	CP_QPSK	NR-ACLR1+	51.28	29.2	PASS
n20	30	20	168400	1@0	CP_QPSK	U-ACLR12-	57.52	35.2	PASS
n20	30	20	168400	1@0	CP_QPSK	U-ACLR11-	53.01	32.2	PASS
n20	30	20	168400	1@0	CP_QPSK	U-ACLR1+	56.63	32.2	PASS
n20	30	20	168400	1@0	CP_QPSK	U-ACLR2+	58.17	35.2	PASS
n20	30	20	168400	51@0	CP_QPSK	NR-ACLR1-	49.26	29.2	PASS
n20	30	20	168400	51@0	CP_QPSK	NR-ACLR1+	51.31	29.2	PASS
n20	30	20	168400	51@0	CP_QPSK	U-ACLR12-	57.55	35.2	PASS

n20	30	20	168400	51@0	CP_QPSK	U-ACLR11-	53.00	32.2	PASS
n20	30	20	168400	51@0	CP_QPSK	U-ACLR1+	56.65	32.2	PASS
n20	30	20	168400	51@0	CP_QPSK	U-ACLR2+	58.21	35.2	PASS
n20	30	20	168400	25@12	CP_QAM16	NR-ACLR1-	46.90	29.2	PASS
n20	30	20	168400	25@12	CP_QAM16	NR-ACLR1+	46.05	29.2	PASS
n20	30	20	168400	25@12	CP_QAM16	U-ACLR12-	57.05	35.2	PASS
n20	30	20	168400	25@12	CP_QAM16	U-ACLR11-	48.56	32.2	PASS
n20	30	20	168400	25@12	CP_QAM16	U-ACLR1+	48.23	32.2	PASS
n20	30	20	168400	25@12	CP_QAM16	U-ACLR2+	54.47	35.2	PASS
n20	30	20	168400	1@0	CP_QAM16	NR-ACLR1-	48.58	29.2	PASS
n20	30	20	168400	1@0	CP_QAM16	NR-ACLR1+	51.01	29.2	PASS
n20	30	20	168400	1@0	CP_QAM16	U-ACLR12-	57.25	35.2	PASS
n20	30	20	168400	1@0	CP_QAM16	U-ACLR11-	52.05	32.2	PASS
n20	30	20	168400	1@0	CP_QAM16	U-ACLR1+	56.37	32.2	PASS
n20	30	20	168400	1@0	CP_QAM16	U-ACLR2+	57.92	35.2	PASS
n20	30	20	168400	51@0	CP_QAM16	NR-ACLR1-	48.61	29.2	PASS
n20	30	20	168400	51@0	CP_QAM16	NR-ACLR1+	50.93	29.2	PASS
n20	30	20	168400	51@0	CP_QAM16	U-ACLR12-	57.30	35.2	PASS
n20	30	20	168400	51@0	CP_QAM16	U-ACLR11-	52.09	32.2	PASS
n20	30	20	168400	51@0	CP_QAM16	U-ACLR1+	56.30	32.2	PASS
n20	30	20	168400	51@0	CP_QAM16	U-ACLR2+	57.88	35.2	PASS
n20	30	20	168400	1@0	CP_QAM64	NR-ACLR1-	48.63	29.2	PASS
n20	30	20	168400	1@0	CP_QAM64	NR-ACLR1+	50.95	29.2	PASS
n20	30	20	168400	1@0	CP_QAM64	U-ACLR12-	57.16	35.2	PASS
n20	30	20	168400	1@0	CP_QAM64	U-ACLR11-	52.16	32.2	PASS
n20	30	20	168400	1@0	CP_QAM64	U-ACLR1+	56.44	32.2	PASS
n20	30	20	168400	1@0	CP_QAM64	U-ACLR2+	57.86	35.2	PASS
n20	30	20	168400	51@0	CP_QAM64	NR-ACLR1-	48.47	29.2	PASS
n20	30	20	168400	51@0	CP_QAM64	NR-ACLR1+	50.89	29.2	PASS
n20	30	20	168400	51@0	CP_QAM64	U-ACLR12-	57.07	35.2	PASS
n20	30	20	168400	51@0	CP_QAM64	U-ACLR11-	51.91	32.2	PASS
n20	30	20	168400	51@0	CP_QAM64	U-ACLR1+	56.32	32.2	PASS
n20	30	20	168400	51@0	CP_QAM64	U-ACLR2+	57.79	35.2	PASS
n20	30	20	168400	1@0	CP_QAM256	NR-ACLR1-	48.64	29.2	PASS
n20	30	20	168400	1@0	CP_QAM256	NR-ACLR1+	50.96	29.2	PASS
n20	30	20	168400	1@0	CP_QAM256	U-ACLR12-	57.19	35.2	PASS
n20	30	20	168400	1@0	CP_QAM256	U-ACLR11-	52.21	32.2	PASS
n20	30	20	168400	1@0	CP_QAM256	U-ACLR1+	56.36	32.2	PASS
n20	30	20	168400	1@0	CP_QAM256	U-ACLR2+	57.88	35.2	PASS
n20	30	20	168400	51@0	CP_QAM256	NR-ACLR1-	48.88	29.2	PASS
n20	30	20	168400	51@0	CP_QAM256	NR-ACLR1+	50.87	29.2	PASS
n20	30	20	168400	51@0	CP_QAM256	U-ACLR12-	57.08	35.2	PASS
n20	30	20	168400	51@0	CP_QAM256	U-ACLR11-	52.78	32.2	PASS
n20	30	20	168400	51@0	CP_QAM256	U-ACLR1+	56.30	32.2	PASS

n20	30	20	168400	51@0	CP_QAM256	U-ACLR2+	57.76	35.2	PASS
n20	30	20	170400	25@12	DFT_BPSK	NR-ACLR1-	46.28	29.2	PASS
n20	30	20	170400	25@12	DFT_BPSK	NR-ACLR1+	47.56	29.2	PASS
n20	30	20	170400	25@12	DFT_BPSK	U-ACLR12-	53.73	35.2	PASS
n20	30	20	170400	25@12	DFT_BPSK	U-ACLR11-	49.00	32.2	PASS
n20	30	20	170400	25@12	DFT_BPSK	U-ACLR1+	49.75	32.2	PASS
n20	30	20	170400	25@12	DFT_BPSK	U-ACLR2+	55.71	35.2	PASS
n20	30	20	170400	1@50	DFT_BPSK	NR-ACLR1-	50.18	29.2	PASS
n20	30	20	170400	1@50	DFT_BPSK	NR-ACLR1+	48.98	29.2	PASS
n20	30	20	170400	1@50	DFT_BPSK	U-ACLR12-	56.70	35.2	PASS
n20	30	20	170400	1@50	DFT_BPSK	U-ACLR11-	55.50	32.2	PASS
n20	30	20	170400	1@50	DFT_BPSK	U-ACLR1+	52.49	32.2	PASS
n20	30	20	170400	1@50	DFT_BPSK	U-ACLR2+	56.92	35.2	PASS
n20	30	20	170400	50@0	DFT_BPSK	NR-ACLR1-	42.91	29.2	PASS
n20	30	20	170400	50@0	DFT_BPSK	NR-ACLR1+	44.34	29.2	PASS
n20	30	20	170400	50@0	DFT_BPSK	U-ACLR12-	48.76	35.2	PASS
n20	30	20	170400	50@0	DFT_BPSK	U-ACLR11-	46.90	32.2	PASS
n20	30	20	170400	50@0	DFT_BPSK	U-ACLR1+	46.81	32.2	PASS
n20	30	20	170400	50@0	DFT_BPSK	U-ACLR2+	50.83	35.2	PASS
n20	30	20	170400	25@12	DFT_QPSK	NR-ACLR1-	46.27	29.2	PASS
n20	30	20	170400	25@12	DFT_QPSK	NR-ACLR1+	47.54	29.2	PASS
n20	30	20	170400	25@12	DFT_QPSK	U-ACLR12-	53.74	35.2	PASS
n20	30	20	170400	25@12	DFT_QPSK	U-ACLR11-	48.98	32.2	PASS
n20	30	20	170400	25@12	DFT_QPSK	U-ACLR1+	49.75	32.2	PASS
n20	30	20	170400	25@12	DFT_QPSK	U-ACLR2+	55.73	35.2	PASS
n20	30	20	170400	1@50	DFT_QPSK	NR-ACLR1-	50.24	29.2	PASS
n20	30	20	170400	1@50	DFT_QPSK	NR-ACLR1+	48.95	29.2	PASS
n20	30	20	170400	1@50	DFT_QPSK	U-ACLR12-	56.74	35.2	PASS
n20	30	20	170400	1@50	DFT_QPSK	U-ACLR11-	55.57	32.2	PASS
n20	30	20	170400	1@50	DFT_QPSK	U-ACLR1+	52.43	32.2	PASS
n20	30	20	170400	1@50	DFT_QPSK	U-ACLR2+	56.92	35.2	PASS
n20	30	20	170400	50@0	DFT_QPSK	NR-ACLR1-	42.91	29.2	PASS
n20	30	20	170400	50@0	DFT_QPSK	NR-ACLR1+	44.41	29.2	PASS
n20	30	20	170400	50@0	DFT_QPSK	U-ACLR12-	48.77	35.2	PASS
n20	30	20	170400	50@0	DFT_QPSK	U-ACLR11-	46.89	32.2	PASS
n20	30	20	170400	50@0	DFT_QPSK	U-ACLR1+	46.91	32.2	PASS
n20	30	20	170400	50@0	DFT_QPSK	U-ACLR2+	50.88	35.2	PASS
n20	30	20	170400	25@12	DFT_QAM16	NR-ACLR1-	46.27	29.2	PASS
n20	30	20	170400	25@12	DFT_QAM16	NR-ACLR1+	47.53	29.2	PASS
n20	30	20	170400	25@12	DFT_QAM16	U-ACLR12-	53.70	35.2	PASS
n20	30	20	170400	25@12	DFT_QAM16	U-ACLR11-	48.99	32.2	PASS
n20	30	20	170400	25@12	DFT_QAM16	U-ACLR1+	49.73	32.2	PASS
n20	30	20	170400	25@12	DFT_QAM16	U-ACLR2+	55.74	35.2	PASS
n20	30	20	170400	1@50	DFT_QAM16	NR-ACLR1-	50.23	29.2	PASS

n20	30	20	170400	1@50	DFT_QAM16	NR-ACLR1+	49.00	29.2	PASS
n20	30	20	170400	1@50	DFT_QAM16	U-ACLR12-	56.78	35.2	PASS
n20	30	20	170400	1@50	DFT_QAM16	U-ACLR11-	55.51	32.2	PASS
n20	30	20	170400	1@50	DFT_QAM16	U-ACLR1+	52.52	32.2	PASS
n20	30	20	170400	1@50	DFT_QAM16	U-ACLR2+	56.87	35.2	PASS
n20	30	20	170400	50@0	DFT_QAM16	NR-ACLR1-	42.85	29.2	PASS
n20	30	20	170400	50@0	DFT_QAM16	NR-ACLR1+	44.39	29.2	PASS
n20	30	20	170400	50@0	DFT_QAM16	U-ACLR12-	48.71	35.2	PASS
n20	30	20	170400	50@0	DFT_QAM16	U-ACLR11-	46.83	32.2	PASS
n20	30	20	170400	50@0	DFT_QAM16	U-ACLR1+	46.86	32.2	PASS
n20	30	20	170400	50@0	DFT_QAM16	U-ACLR2+	50.91	35.2	PASS
n20	30	20	170400	1@50	DFT_QAM64	NR-ACLR1-	50.13	29.2	PASS
n20	30	20	170400	1@50	DFT_QAM64	NR-ACLR1+	48.98	29.2	PASS
n20	30	20	170400	1@50	DFT_QAM64	U-ACLR12-	56.63	35.2	PASS
n20	30	20	170400	1@50	DFT_QAM64	U-ACLR11-	55.46	32.2	PASS
n20	30	20	170400	1@50	DFT_QAM64	U-ACLR1+	52.52	32.2	PASS
n20	30	20	170400	1@50	DFT_QAM64	U-ACLR2+	56.84	35.2	PASS
n20	30	20	170400	50@0	DFT_QAM64	NR-ACLR1-	42.96	29.2	PASS
n20	30	20	170400	50@0	DFT_QAM64	NR-ACLR1+	44.32	29.2	PASS
n20	30	20	170400	50@0	DFT_QAM64	U-ACLR12-	48.80	35.2	PASS
n20	30	20	170400	50@0	DFT_QAM64	U-ACLR11-	47.03	32.2	PASS
n20	30	20	170400	50@0	DFT_QAM64	U-ACLR1+	46.80	32.2	PASS
n20	30	20	170400	50@0	DFT_QAM64	U-ACLR2+	50.78	35.2	PASS
n20	30	20	170400	1@50	DFT_QAM256	NR-ACLR1-	50.19	29.2	PASS
n20	30	20	170400	1@50	DFT_QAM256	NR-ACLR1+	49.02	29.2	PASS
n20	30	20	170400	1@50	DFT_QAM256	U-ACLR12-	56.70	35.2	PASS
n20	30	20	170400	1@50	DFT_QAM256	U-ACLR11-	55.50	32.2	PASS
n20	30	20	170400	1@50	DFT_QAM256	U-ACLR1+	52.54	32.2	PASS
n20	30	20	170400	1@50	DFT_QAM256	U-ACLR2+	56.88	35.2	PASS
n20	30	20	170400	50@0	DFT_QAM256	NR-ACLR1-	43.05	29.2	PASS
n20	30	20	170400	50@0	DFT_QAM256	NR-ACLR1+	44.44	29.2	PASS
n20	30	20	170400	50@0	DFT_QAM256	U-ACLR12-	48.87	35.2	PASS
n20	30	20	170400	50@0	DFT_QAM256	U-ACLR11-	47.16	32.2	PASS
n20	30	20	170400	50@0	DFT_QAM256	U-ACLR1+	46.93	32.2	PASS
n20	30	20	170400	50@0	DFT_QAM256	U-ACLR2+	50.90	35.2	PASS
n20	30	20	170400	25@12	CP_QPSK	NR-ACLR1-	43.79	29.2	PASS
n20	30	20	170400	25@12	CP_QPSK	NR-ACLR1+	45.08	29.2	PASS
n20	30	20	170400	25@12	CP_QPSK	U-ACLR12-	52.62	35.2	PASS
n20	30	20	170400	25@12	CP_QPSK	U-ACLR11-	45.59	32.2	PASS
n20	30	20	170400	25@12	CP_QPSK	U-ACLR1+	46.49	32.2	PASS
n20	30	20	170400	25@12	CP_QPSK	U-ACLR2+	54.74	35.2	PASS
n20	30	20	170400	1@50	CP_QPSK	NR-ACLR1-	50.63	29.2	PASS
n20	30	20	170400	1@50	CP_QPSK	NR-ACLR1+	48.87	29.2	PASS
n20	30	20	170400	1@50	CP_QPSK	U-ACLR12-	57.09	35.2	PASS

n20	30	20	170400	1@50	CP_QPSK	U-ACLR11-	55.90	32.2	PASS
n20	30	20	170400	1@50	CP_QPSK	U-ACLR1+	51.99	32.2	PASS
n20	30	20	170400	1@50	CP_QPSK	U-ACLR2+	57.19	35.2	PASS
n20	30	20	170400	51@0	CP_QPSK	NR-ACLR1-	48.27	29.2	PASS
n20	30	20	170400	51@0	CP_QPSK	NR-ACLR1+	52.41	29.2	PASS
n20	30	20	170400	51@0	CP_QPSK	U-ACLR12-	56.19	35.2	PASS
n20	30	20	170400	51@0	CP_QPSK	U-ACLR11-	51.95	32.2	PASS
n20	30	20	170400	51@0	CP_QPSK	U-ACLR1+	57.05	32.2	PASS
n20	30	20	170400	51@0	CP_QPSK	U-ACLR2+	59.20	35.2	PASS
n20	30	20	170400	25@12	CP_QAM16	NR-ACLR1-	44.83	29.2	PASS
n20	30	20	170400	25@12	CP_QAM16	NR-ACLR1+	46.01	29.2	PASS
n20	30	20	170400	25@12	CP_QAM16	U-ACLR12-	53.19	35.2	PASS
n20	30	20	170400	25@12	CP_QAM16	U-ACLR11-	46.85	32.2	PASS
n20	30	20	170400	25@12	CP_QAM16	U-ACLR1+	47.59	32.2	PASS
n20	30	20	170400	25@12	CP_QAM16	U-ACLR2+	55.24	35.2	PASS
n20	30	20	170400	1@50	CP_QAM16	NR-ACLR1-	50.39	29.2	PASS
n20	30	20	170400	1@50	CP_QAM16	NR-ACLR1+	48.74	29.2	PASS
n20	30	20	170400	1@50	CP_QAM16	U-ACLR12-	56.94	35.2	PASS
n20	30	20	170400	1@50	CP_QAM16	U-ACLR11-	55.66	32.2	PASS
n20	30	20	170400	1@50	CP_QAM16	U-ACLR1+	51.93	32.2	PASS
n20	30	20	170400	1@50	CP_QAM16	U-ACLR2+	57.01	35.2	PASS
n20	30	20	170400	51@0	CP_QAM16	NR-ACLR1-	47.78	29.2	PASS
n20	30	20	170400	51@0	CP_QAM16	NR-ACLR1+	52.12	29.2	PASS
n20	30	20	170400	51@0	CP_QAM16	U-ACLR12-	55.95	35.2	PASS
n20	30	20	170400	51@0	CP_QAM16	U-ACLR11-	51.31	32.2	PASS
n20	30	20	170400	51@0	CP_QAM16	U-ACLR1+	56.80	32.2	PASS
n20	30	20	170400	51@0	CP_QAM16	U-ACLR2+	58.91	35.2	PASS
n20	30	20	170400	1@50	CP_QAM64	NR-ACLR1-	50.29	29.2	PASS
n20	30	20	170400	1@50	CP_QAM64	NR-ACLR1+	48.90	29.2	PASS
n20	30	20	170400	1@50	CP_QAM64	U-ACLR12-	56.85	35.2	PASS
n20	30	20	170400	1@50	CP_QAM64	U-ACLR11-	55.59	32.2	PASS
n20	30	20	170400	1@50	CP_QAM64	U-ACLR1+	52.26	32.2	PASS
n20	30	20	170400	1@50	CP_QAM64	U-ACLR2+	56.99	35.2	PASS
n20	30	20	170400	51@0	CP_QAM64	NR-ACLR1-	48.21	29.2	PASS
n20	30	20	170400	51@0	CP_QAM64	NR-ACLR1+	51.95	29.2	PASS
n20	30	20	170400	51@0	CP_QAM64	U-ACLR12-	55.99	35.2	PASS
n20	30	20	170400	51@0	CP_QAM64	U-ACLR11-	52.16	32.2	PASS
n20	30	20	170400	51@0	CP_QAM64	U-ACLR1+	56.78	32.2	PASS
n20	30	20	170400	51@0	CP_QAM64	U-ACLR2+	58.77	35.2	PASS
n20	30	20	170400	1@50	CP_QAM256	NR-ACLR1-	50.25	29.2	PASS
n20	30	20	170400	1@50	CP_QAM256	NR-ACLR1+	48.89	29.2	PASS
n20	30	20	170400	1@50	CP_QAM256	U-ACLR12-	56.79	35.2	PASS
n20	30	20	170400	1@50	CP_QAM256	U-ACLR11-	55.57	32.2	PASS
n20	30	20	170400	1@50	CP_QAM256	U-ACLR1+	52.31	32.2	PASS

n20	30	20	170400	1@50	CP_QAM256	U-ACLR2+	56.88	35.2	PASS
n20	30	20	170400	51@0	CP_QAM256	NR-ACLR1-	48.22	29.2	PASS
n20	30	20	170400	51@0	CP_QAM256	NR-ACLR1+	51.99	29.2	PASS
n20	30	20	170400	51@0	CP_QAM256	U-ACLR12-	56.00	35.2	PASS
n20	30	20	170400	51@0	CP_QAM256	U-ACLR11-	52.09	32.2	PASS
n20	30	20	170400	51@0	CP_QAM256	U-ACLR1+	56.87	32.2	PASS
n20	30	20	170400	51@0	CP_QAM256	U-ACLR2+	58.78	35.2	PASS
n28	30	10	141600	12@6	DFT_BPSK	NR-ACLR1-	52.80	29.2	PASS
n28	30	10	141600	12@6	DFT_BPSK	NR-ACLR1+	52.02	29.2	PASS
n28	30	10	141600	12@6	DFT_BPSK	U-ACLR12-	59.89	35.2	PASS
n28	30	10	141600	12@6	DFT_BPSK	U-ACLR11-	55.37	32.2	PASS
n28	30	10	141600	12@6	DFT_BPSK	U-ACLR1+	54.34	32.2	PASS
n28	30	10	141600	12@6	DFT_BPSK	U-ACLR2+	59.30	35.2	PASS
n28	30	10	141600	1@0	DFT_BPSK	NR-ACLR1-	52.21	29.2	PASS
n28	30	10	141600	1@0	DFT_BPSK	NR-ACLR1+	53.93	29.2	PASS
n28	30	10	141600	1@0	DFT_BPSK	U-ACLR12-	59.77	35.2	PASS
n28	30	10	141600	1@0	DFT_BPSK	U-ACLR11-	55.37	32.2	PASS
n28	30	10	141600	1@0	DFT_BPSK	U-ACLR1+	56.86	32.2	PASS
n28	30	10	141600	1@0	DFT_BPSK	U-ACLR2+	58.92	35.2	PASS
n28	30	10	141600	24@0	DFT_BPSK	NR-ACLR1-	47.93	29.2	PASS
n28	30	10	141600	24@0	DFT_BPSK	NR-ACLR1+	45.19	29.2	PASS
n28	30	10	141600	24@0	DFT_BPSK	U-ACLR12-	57.98	35.2	PASS
n28	30	10	141600	24@0	DFT_BPSK	U-ACLR11-	49.56	32.2	PASS
n28	30	10	141600	24@0	DFT_BPSK	U-ACLR1+	47.21	32.2	PASS
n28	30	10	141600	24@0	DFT_BPSK	U-ACLR2+	51.91	35.2	PASS
n28	30	10	141600	12@6	DFT_QPSK	NR-ACLR1-	45.58	29.2	PASS
n28	30	10	141600	12@6	DFT_QPSK	NR-ACLR1+	43.13	29.2	PASS
n28	30	10	141600	12@6	DFT_QPSK	U-ACLR12-	58.84	35.2	PASS
n28	30	10	141600	12@6	DFT_QPSK	U-ACLR11-	46.71	32.2	PASS
n28	30	10	141600	12@6	DFT_QPSK	U-ACLR1+	44.19	32.2	PASS
n28	30	10	141600	12@6	DFT_QPSK	U-ACLR2+	57.02	35.2	PASS
n28	30	10	141600	1@0	DFT_QPSK	NR-ACLR1-	52.01	29.2	PASS
n28	30	10	141600	1@0	DFT_QPSK	NR-ACLR1+	53.37	29.2	PASS
n28	30	10	141600	1@0	DFT_QPSK	U-ACLR12-	59.48	35.2	PASS
n28	30	10	141600	1@0	DFT_QPSK	U-ACLR11-	55.11	32.2	PASS
n28	30	10	141600	1@0	DFT_QPSK	U-ACLR1+	56.34	32.2	PASS
n28	30	10	141600	1@0	DFT_QPSK	U-ACLR2+	58.31	35.2	PASS
n28	30	10	141600	24@0	DFT_QPSK	NR-ACLR1-	44.67	29.2	PASS
n28	30	10	141600	24@0	DFT_QPSK	NR-ACLR1+	42.07	29.2	PASS
n28	30	10	141600	24@0	DFT_QPSK	U-ACLR12-	55.67	35.2	PASS
n28	30	10	141600	24@0	DFT_QPSK	U-ACLR11-	46.08	32.2	PASS
n28	30	10	141600	24@0	DFT_QPSK	U-ACLR1+	44.84	32.2	PASS
n28	30	10	141600	24@0	DFT_QPSK	U-ACLR2+	47.23	35.2	PASS
n28	30	10	141600	12@6	DFT_QAM16	NR-ACLR1-	46.82	29.2	PASS

n28	30	10	141600	12@6	DFT_QAM16	NR-ACLR1+	44.53	29.2	PASS
n28	30	10	141600	12@6	DFT_QAM16	U-ACLR12-	58.70	35.2	PASS
n28	30	10	141600	12@6	DFT_QAM16	U-ACLR11-	48.22	32.2	PASS
n28	30	10	141600	12@6	DFT_QAM16	U-ACLR1+	45.80	32.2	PASS
n28	30	10	141600	12@6	DFT_QAM16	U-ACLR2+	57.01	35.2	PASS
n28	30	10	141600	1@0	DFT_QAM16	NR-ACLR1-	51.60	29.2	PASS
n28	30	10	141600	1@0	DFT_QAM16	NR-ACLR1+	52.48	29.2	PASS
n28	30	10	141600	1@0	DFT_QAM16	U-ACLR12-	58.88	35.2	PASS
n28	30	10	141600	1@0	DFT_QAM16	U-ACLR11-	54.62	32.2	PASS
n28	30	10	141600	1@0	DFT_QAM16	U-ACLR1+	55.42	32.2	PASS
n28	30	10	141600	1@0	DFT_QAM16	U-ACLR2+	57.47	35.2	PASS
n28	30	10	141600	24@0	DFT_QAM16	NR-ACLR1-	45.00	29.2	PASS
n28	30	10	141600	24@0	DFT_QAM16	NR-ACLR1+	42.63	29.2	PASS
n28	30	10	141600	24@0	DFT_QAM16	U-ACLR12-	56.01	35.2	PASS
n28	30	10	141600	24@0	DFT_QAM16	U-ACLR11-	46.42	32.2	PASS
n28	30	10	141600	24@0	DFT_QAM16	U-ACLR1+	44.95	32.2	PASS
n28	30	10	141600	24@0	DFT_QAM16	U-ACLR2+	48.99	35.2	PASS
n28	30	10	141600	1@0	DFT_QAM64	NR-ACLR1-	51.52	29.2	PASS
n28	30	10	141600	1@0	DFT_QAM64	NR-ACLR1+	52.60	29.2	PASS
n28	30	10	141600	1@0	DFT_QAM64	U-ACLR12-	58.95	35.2	PASS
n28	30	10	141600	1@0	DFT_QAM64	U-ACLR11-	54.61	32.2	PASS
n28	30	10	141600	1@0	DFT_QAM64	U-ACLR1+	55.59	32.2	PASS
n28	30	10	141600	1@0	DFT_QAM64	U-ACLR2+	57.52	35.2	PASS
n28	30	10	141600	24@0	DFT_QAM64	NR-ACLR1-	45.64	29.2	PASS
n28	30	10	141600	24@0	DFT_QAM64	NR-ACLR1+	43.34	29.2	PASS
n28	30	10	141600	24@0	DFT_QAM64	U-ACLR12-	56.39	35.2	PASS
n28	30	10	141600	24@0	DFT_QAM64	U-ACLR11-	47.07	32.2	PASS
n28	30	10	141600	24@0	DFT_QAM64	U-ACLR1+	45.57	32.2	PASS
n28	30	10	141600	24@0	DFT_QAM64	U-ACLR2+	50.18	35.2	PASS
n28	30	10	141600	1@0	DFT_QAM256	NR-ACLR1-	51.41	29.2	PASS
n28	30	10	141600	1@0	DFT_QAM256	NR-ACLR1+	52.58	29.2	PASS
n28	30	10	141600	1@0	DFT_QAM256	U-ACLR12-	58.91	35.2	PASS
n28	30	10	141600	1@0	DFT_QAM256	U-ACLR11-	54.55	32.2	PASS
n28	30	10	141600	1@0	DFT_QAM256	U-ACLR1+	55.56	32.2	PASS
n28	30	10	141600	1@0	DFT_QAM256	U-ACLR2+	57.54	35.2	PASS
n28	30	10	141600	24@0	DFT_QAM256	NR-ACLR1-	45.53	29.2	PASS
n28	30	10	141600	24@0	DFT_QAM256	NR-ACLR1+	43.22	29.2	PASS
n28	30	10	141600	24@0	DFT_QAM256	U-ACLR12-	56.36	35.2	PASS
n28	30	10	141600	24@0	DFT_QAM256	U-ACLR11-	46.96	32.2	PASS
n28	30	10	141600	24@0	DFT_QAM256	U-ACLR1+	45.42	32.2	PASS
n28	30	10	141600	24@0	DFT_QAM256	U-ACLR2+	50.12	35.2	PASS
n28	30	10	141600	12@6	CP_QPSK	NR-ACLR1-	41.13	29.2	PASS
n28	30	10	141600	12@6	CP_QPSK	NR-ACLR1+	38.75	29.2	PASS
n28	30	10	141600	12@6	CP_QPSK	U-ACLR12-	54.35	35.2	PASS

n28	30	10	141600	12@6	CP_QPSK	U-ACLR11-	42.27	32.2	PASS
n28	30	10	141600	12@6	CP_QPSK	U-ACLR1+	40.48	32.2	PASS
n28	30	10	141600	12@6	CP_QPSK	U-ACLR2+	46.71	35.2	PASS
n28	30	10	141600	1@0	CP_QPSK	NR-ACLR1-	51.17	29.2	PASS
n28	30	10	141600	1@0	CP_QPSK	NR-ACLR1+	51.54	29.2	PASS
n28	30	10	141600	1@0	CP_QPSK	U-ACLR12-	58.68	35.2	PASS
n28	30	10	141600	1@0	CP_QPSK	U-ACLR11-	54.01	32.2	PASS
n28	30	10	141600	1@0	CP_QPSK	U-ACLR1+	54.40	32.2	PASS
n28	30	10	141600	1@0	CP_QPSK	U-ACLR2+	56.64	35.2	PASS
n28	30	10	141600	24@0	CP_QPSK	NR-ACLR1-	41.68	29.2	PASS
n28	30	10	141600	24@0	CP_QPSK	NR-ACLR1+	39.28	29.2	PASS
n28	30	10	141600	24@0	CP_QPSK	U-ACLR12-	54.61	35.2	PASS
n28	30	10	141600	24@0	CP_QPSK	U-ACLR11-	42.85	32.2	PASS
n28	30	10	141600	24@0	CP_QPSK	U-ACLR1+	41.08	32.2	PASS
n28	30	10	141600	24@0	CP_QPSK	U-ACLR2+	47.01	35.2	PASS
n28	30	10	141600	12@6	CP_QAM16	NR-ACLR1-	45.74	29.2	PASS
n28	30	10	141600	12@6	CP_QAM16	NR-ACLR1+	43.68	29.2	PASS
n28	30	10	141600	12@6	CP_QAM16	U-ACLR12-	58.23	35.2	PASS
n28	30	10	141600	12@6	CP_QAM16	U-ACLR11-	47.28	32.2	PASS
n28	30	10	141600	12@6	CP_QAM16	U-ACLR1+	45.03	32.2	PASS
n28	30	10	141600	12@6	CP_QAM16	U-ACLR2+	56.11	35.2	PASS
n28	30	10	141600	1@0	CP_QAM16	NR-ACLR1-	50.68	29.2	PASS
n28	30	10	141600	1@0	CP_QAM16	NR-ACLR1+	51.32	29.2	PASS
n28	30	10	141600	1@0	CP_QAM16	U-ACLR12-	58.40	35.2	PASS
n28	30	10	141600	1@0	CP_QAM16	U-ACLR11-	53.66	32.2	PASS
n28	30	10	141600	1@0	CP_QAM16	U-ACLR1+	54.18	32.2	PASS
n28	30	10	141600	1@0	CP_QAM16	U-ACLR2+	56.41	35.2	PASS
n28	30	10	141600	24@0	CP_QAM16	NR-ACLR1-	41.48	29.2	PASS
n28	30	10	141600	24@0	CP_QAM16	NR-ACLR1+	38.96	29.2	PASS
n28	30	10	141600	24@0	CP_QAM16	U-ACLR12-	54.58	35.2	PASS
n28	30	10	141600	24@0	CP_QAM16	U-ACLR11-	42.75	32.2	PASS
n28	30	10	141600	24@0	CP_QAM16	U-ACLR1+	40.73	32.2	PASS
n28	30	10	141600	24@0	CP_QAM16	U-ACLR2+	46.99	35.2	PASS
n28	30	10	141600	1@0	CP_QAM64	NR-ACLR1-	51.04	29.2	PASS
n28	30	10	141600	1@0	CP_QAM64	NR-ACLR1+	51.36	29.2	PASS
n28	30	10	141600	1@0	CP_QAM64	U-ACLR12-	58.27	35.2	PASS
n28	30	10	141600	1@0	CP_QAM64	U-ACLR11-	53.92	32.2	PASS
n28	30	10	141600	1@0	CP_QAM64	U-ACLR1+	54.29	32.2	PASS
n28	30	10	141600	1@0	CP_QAM64	U-ACLR2+	56.37	35.2	PASS
n28	30	10	141600	24@0	CP_QAM64	NR-ACLR1-	42.87	29.2	PASS
n28	30	10	141600	24@0	CP_QAM64	NR-ACLR1+	40.62	29.2	PASS
n28	30	10	141600	24@0	CP_QAM64	U-ACLR12-	55.25	35.2	PASS
n28	30	10	141600	24@0	CP_QAM64	U-ACLR11-	44.10	32.2	PASS
n28	30	10	141600	24@0	CP_QAM64	U-ACLR1+	42.42	32.2	PASS

n28	30	10	141600	24@0	CP_QAM64	U-ACLR2+	48.49	35.2	PASS
n28	30	10	141600	1@0	CP_QAM256	NR-ACLR1-	51.02	29.2	PASS
n28	30	10	141600	1@0	CP_QAM256	NR-ACLR1+	51.30	29.2	PASS
n28	30	10	141600	1@0	CP_QAM256	U-ACLR12-	58.22	35.2	PASS
n28	30	10	141600	1@0	CP_QAM256	U-ACLR11-	53.91	32.2	PASS
n28	30	10	141600	1@0	CP_QAM256	U-ACLR1+	54.25	32.2	PASS
n28	30	10	141600	1@0	CP_QAM256	U-ACLR2+	56.29	35.2	PASS
n28	30	10	141600	24@0	CP_QAM256	NR-ACLR1-	42.86	29.2	PASS
n28	30	10	141600	24@0	CP_QAM256	NR-ACLR1+	40.59	29.2	PASS
n28	30	10	141600	24@0	CP_QAM256	U-ACLR12-	55.29	35.2	PASS
n28	30	10	141600	24@0	CP_QAM256	U-ACLR11-	44.08	32.2	PASS
n28	30	10	141600	24@0	CP_QAM256	U-ACLR1+	42.39	32.2	PASS
n28	30	10	141600	24@0	CP_QAM256	U-ACLR2+	48.45	35.2	PASS
n28	30	10	148600	12@6	DFT_BPSK	NR-ACLR1-	46.03	29.2	PASS
n28	30	10	148600	12@6	DFT_BPSK	NR-ACLR1+	48.79	29.2	PASS
n28	30	10	148600	12@6	DFT_BPSK	U-ACLR12-	55.96	35.2	PASS
n28	30	10	148600	12@6	DFT_BPSK	U-ACLR11-	47.62	32.2	PASS
n28	30	10	148600	12@6	DFT_BPSK	U-ACLR1+	50.17	32.2	PASS
n28	30	10	148600	12@6	DFT_BPSK	U-ACLR2+	60.58	35.2	PASS
n28	30	10	148600	1@23	DFT_BPSK	NR-ACLR1-	50.97	29.2	PASS
n28	30	10	148600	1@23	DFT_BPSK	NR-ACLR1+	52.14	29.2	PASS
n28	30	10	148600	1@23	DFT_BPSK	U-ACLR12-	55.99	35.2	PASS
n28	30	10	148600	1@23	DFT_BPSK	U-ACLR11-	53.88	32.2	PASS
n28	30	10	148600	1@23	DFT_BPSK	U-ACLR1+	54.65	32.2	PASS
n28	30	10	148600	1@23	DFT_BPSK	U-ACLR2+	60.86	35.2	PASS
n28	30	10	148600	24@0	DFT_BPSK	NR-ACLR1-	40.82	29.2	PASS
n28	30	10	148600	24@0	DFT_BPSK	NR-ACLR1+	45.82	29.2	PASS
n28	30	10	148600	24@0	DFT_BPSK	U-ACLR12-	46.69	35.2	PASS
n28	30	10	148600	24@0	DFT_BPSK	U-ACLR11-	43.59	32.2	PASS
n28	30	10	148600	24@0	DFT_BPSK	U-ACLR1+	46.91	32.2	PASS
n28	30	10	148600	24@0	DFT_BPSK	U-ACLR2+	60.38	35.2	PASS
n28	30	10	148600	12@6	DFT_QPSK	NR-ACLR1-	42.08	29.2	PASS
n28	30	10	148600	12@6	DFT_QPSK	NR-ACLR1+	44.87	29.2	PASS
n28	30	10	148600	12@6	DFT_QPSK	U-ACLR12-	55.43	35.2	PASS
n28	30	10	148600	12@6	DFT_QPSK	U-ACLR11-	43.35	32.2	PASS
n28	30	10	148600	12@6	DFT_QPSK	U-ACLR1+	46.05	32.2	PASS
n28	30	10	148600	12@6	DFT_QPSK	U-ACLR2+	60.24	35.2	PASS
n28	30	10	148600	1@23	DFT_QPSK	NR-ACLR1-	52.55	29.2	PASS
n28	30	10	148600	1@23	DFT_QPSK	NR-ACLR1+	52.38	29.2	PASS
n28	30	10	148600	1@23	DFT_QPSK	U-ACLR12-	57.31	35.2	PASS
n28	30	10	148600	1@23	DFT_QPSK	U-ACLR11-	55.63	32.2	PASS
n28	30	10	148600	1@23	DFT_QPSK	U-ACLR1+	55.33	32.2	PASS
n28	30	10	148600	1@23	DFT_QPSK	U-ACLR2+	60.23	35.2	PASS
n28	30	10	148600	24@0	DFT_QPSK	NR-ACLR1-	38.08	29.2	PASS

n28	30	10	148600	24@0	DFT_QPSK	NR-ACLR1+	42.37	29.2	PASS
n28	30	10	148600	24@0	DFT_QPSK	U-ACLR12-	44.90	35.2	PASS
n28	30	10	148600	24@0	DFT_QPSK	U-ACLR11-	40.21	32.2	PASS
n28	30	10	148600	24@0	DFT_QPSK	U-ACLR1+	43.16	32.2	PASS
n28	30	10	148600	24@0	DFT_QPSK	U-ACLR2+	58.78	35.2	PASS
n28	30	10	148600	12@6	DFT_QAM16	NR-ACLR1-	43.70	29.2	PASS
n28	30	10	148600	12@6	DFT_QAM16	NR-ACLR1+	46.62	29.2	PASS
n28	30	10	148600	12@6	DFT_QAM16	U-ACLR12-	55.71	35.2	PASS
n28	30	10	148600	12@6	DFT_QAM16	U-ACLR11-	45.10	32.2	PASS
n28	30	10	148600	12@6	DFT_QAM16	U-ACLR1+	47.97	32.2	PASS
n28	30	10	148600	12@6	DFT_QAM16	U-ACLR2+	59.95	35.2	PASS
n28	30	10	148600	1@23	DFT_QAM16	NR-ACLR1-	51.76	29.2	PASS
n28	30	10	148600	1@23	DFT_QAM16	NR-ACLR1+	51.88	29.2	PASS
n28	30	10	148600	1@23	DFT_QAM16	U-ACLR12-	56.59	35.2	PASS
n28	30	10	148600	1@23	DFT_QAM16	U-ACLR11-	54.79	32.2	PASS
n28	30	10	148600	1@23	DFT_QAM16	U-ACLR1+	54.84	32.2	PASS
n28	30	10	148600	1@23	DFT_QAM16	U-ACLR2+	59.59	35.2	PASS
n28	30	10	148600	24@0	DFT_QAM16	NR-ACLR1-	39.84	29.2	PASS
n28	30	10	148600	24@0	DFT_QAM16	NR-ACLR1+	43.26	29.2	PASS
n28	30	10	148600	24@0	DFT_QAM16	U-ACLR12-	47.13	35.2	PASS
n28	30	10	148600	24@0	DFT_QAM16	U-ACLR11-	41.85	32.2	PASS
n28	30	10	148600	24@0	DFT_QAM16	U-ACLR1+	44.09	32.2	PASS
n28	30	10	148600	24@0	DFT_QAM16	U-ACLR2+	58.67	35.2	PASS
n28	30	10	148600	1@23	DFT_QAM64	NR-ACLR1-	51.77	29.2	PASS
n28	30	10	148600	1@23	DFT_QAM64	NR-ACLR1+	51.60	29.2	PASS
n28	30	10	148600	1@23	DFT_QAM64	U-ACLR12-	56.57	35.2	PASS
n28	30	10	148600	1@23	DFT_QAM64	U-ACLR11-	54.84	32.2	PASS
n28	30	10	148600	1@23	DFT_QAM64	U-ACLR1+	54.73	32.2	PASS
n28	30	10	148600	1@23	DFT_QAM64	U-ACLR2+	59.54	35.2	PASS
n28	30	10	148600	24@0	DFT_QAM64	NR-ACLR1-	41.06	29.2	PASS
n28	30	10	148600	24@0	DFT_QAM64	NR-ACLR1+	43.93	29.2	PASS
n28	30	10	148600	24@0	DFT_QAM64	U-ACLR12-	47.92	35.2	PASS
n28	30	10	148600	24@0	DFT_QAM64	U-ACLR11-	43.21	32.2	PASS
n28	30	10	148600	24@0	DFT_QAM64	U-ACLR1+	44.77	32.2	PASS
n28	30	10	148600	24@0	DFT_QAM64	U-ACLR2+	58.74	35.2	PASS
n28	30	10	148600	1@23	DFT_QAM256	NR-ACLR1-	51.78	29.2	PASS
n28	30	10	148600	1@23	DFT_QAM256	NR-ACLR1+	51.61	29.2	PASS
n28	30	10	148600	1@23	DFT_QAM256	U-ACLR12-	56.53	35.2	PASS
n28	30	10	148600	1@23	DFT_QAM256	U-ACLR11-	54.87	32.2	PASS
n28	30	10	148600	1@23	DFT_QAM256	U-ACLR1+	54.70	32.2	PASS
n28	30	10	148600	1@23	DFT_QAM256	U-ACLR2+	59.56	35.2	PASS
n28	30	10	148600	24@0	DFT_QAM256	NR-ACLR1-	41.02	29.2	PASS
n28	30	10	148600	24@0	DFT_QAM256	NR-ACLR1+	43.87	29.2	PASS
n28	30	10	148600	24@0	DFT_QAM256	U-ACLR12-	47.89	35.2	PASS

n28	30	10	148600	24@0	DFT_QAM256	U-ACLR11-	43.17	32.2	PASS
n28	30	10	148600	24@0	DFT_QAM256	U-ACLR1+	44.72	32.2	PASS
n28	30	10	148600	24@0	DFT_QAM256	U-ACLR2+	58.69	35.2	PASS
n28	30	10	148600	12@6	CP_QPSK	NR-ACLR1-	36.48	29.2	PASS
n28	30	10	148600	12@6	CP_QPSK	NR-ACLR1+	40.45	29.2	PASS
n28	30	10	148600	12@6	CP_QPSK	U-ACLR12-	45.56	35.2	PASS
n28	30	10	148600	12@6	CP_QPSK	U-ACLR11-	38.05	32.2	PASS
n28	30	10	148600	12@6	CP_QPSK	U-ACLR1+	41.19	32.2	PASS
n28	30	10	148600	12@6	CP_QPSK	U-ACLR2+	58.04	35.2	PASS
n28	30	10	148600	1@23	CP_QPSK	NR-ACLR1-	50.41	29.2	PASS
n28	30	10	148600	1@23	CP_QPSK	NR-ACLR1+	51.33	29.2	PASS
n28	30	10	148600	1@23	CP_QPSK	U-ACLR12-	55.18	35.2	PASS
n28	30	10	148600	1@23	CP_QPSK	U-ACLR11-	53.48	32.2	PASS
n28	30	10	148600	1@23	CP_QPSK	U-ACLR1+	53.93	32.2	PASS
n28	30	10	148600	1@23	CP_QPSK	U-ACLR2+	59.42	35.2	PASS
n28	30	10	148600	24@0	CP_QPSK	NR-ACLR1-	35.53	29.2	PASS
n28	30	10	148600	24@0	CP_QPSK	NR-ACLR1+	39.54	29.2	PASS
n28	30	10	148600	24@0	CP_QPSK	U-ACLR12-	45.12	35.2	PASS
n28	30	10	148600	24@0	CP_QPSK	U-ACLR11-	36.99	32.2	PASS
n28	30	10	148600	24@0	CP_QPSK	U-ACLR1+	40.27	32.2	PASS
n28	30	10	148600	24@0	CP_QPSK	U-ACLR2+	58.01	35.2	PASS
n28	30	10	148600	12@6	CP_QAM16	NR-ACLR1-	43.05	29.2	PASS
n28	30	10	148600	12@6	CP_QAM16	NR-ACLR1+	46.20	29.2	PASS
n28	30	10	148600	12@6	CP_QAM16	U-ACLR12-	54.49	35.2	PASS
n28	30	10	148600	12@6	CP_QAM16	U-ACLR11-	44.56	32.2	PASS
n28	30	10	148600	12@6	CP_QAM16	U-ACLR1+	47.64	32.2	PASS
n28	30	10	148600	12@6	CP_QAM16	U-ACLR2+	59.39	35.2	PASS
n28	30	10	148600	1@23	CP_QAM16	NR-ACLR1-	50.03	29.2	PASS
n28	30	10	148600	1@23	CP_QAM16	NR-ACLR1+	51.08	29.2	PASS
n28	30	10	148600	1@23	CP_QAM16	U-ACLR12-	54.74	35.2	PASS
n28	30	10	148600	1@23	CP_QAM16	U-ACLR11-	53.11	32.2	PASS
n28	30	10	148600	1@23	CP_QAM16	U-ACLR1+	53.84	32.2	PASS
n28	30	10	148600	1@23	CP_QAM16	U-ACLR2+	59.04	35.2	PASS
n28	30	10	148600	24@0	CP_QAM16	NR-ACLR1-	35.98	29.2	PASS
n28	30	10	148600	24@0	CP_QAM16	NR-ACLR1+	39.66	29.2	PASS
n28	30	10	148600	24@0	CP_QAM16	U-ACLR12-	45.35	35.2	PASS
n28	30	10	148600	24@0	CP_QAM16	U-ACLR11-	37.53	32.2	PASS
n28	30	10	148600	24@0	CP_QAM16	U-ACLR1+	40.45	32.2	PASS
n28	30	10	148600	24@0	CP_QAM16	U-ACLR2+	57.88	35.2	PASS
n28	30	10	148600	1@23	CP_QAM64	NR-ACLR1-	50.31	29.2	PASS
n28	30	10	148600	1@23	CP_QAM64	NR-ACLR1+	51.38	29.2	PASS
n28	30	10	148600	1@23	CP_QAM64	U-ACLR12-	55.15	35.2	PASS
n28	30	10	148600	1@23	CP_QAM64	U-ACLR11-	53.31	32.2	PASS
n28	30	10	148600	1@23	CP_QAM64	U-ACLR1+	54.02	32.2	PASS

n28	30	10	148600	1@23	CP_QAM64	U-ACLR2+	58.90	35.2	PASS
n28	30	10	148600	24@0	CP_QAM64	NR-ACLR1-	38.13	29.2	PASS
n28	30	10	148600	24@0	CP_QAM64	NR-ACLR1+	41.45	29.2	PASS
n28	30	10	148600	24@0	CP_QAM64	U-ACLR12-	47.42	35.2	PASS
n28	30	10	148600	24@0	CP_QAM64	U-ACLR11-	39.67	32.2	PASS
n28	30	10	148600	24@0	CP_QAM64	U-ACLR1+	42.26	32.2	PASS
n28	30	10	148600	24@0	CP_QAM64	U-ACLR2+	58.07	35.2	PASS
n28	30	10	148600	1@23	CP_QAM256	NR-ACLR1-	50.30	29.2	PASS
n28	30	10	148600	1@23	CP_QAM256	NR-ACLR1+	51.31	29.2	PASS
n28	30	10	148600	1@23	CP_QAM256	U-ACLR12-	55.09	35.2	PASS
n28	30	10	148600	1@23	CP_QAM256	U-ACLR11-	53.37	32.2	PASS
n28	30	10	148600	1@23	CP_QAM256	U-ACLR1+	54.00	32.2	PASS
n28	30	10	148600	1@23	CP_QAM256	U-ACLR2+	58.88	35.2	PASS
n28	30	10	148600	24@0	CP_QAM256	NR-ACLR1-	38.35	29.2	PASS
n28	30	10	148600	24@0	CP_QAM256	NR-ACLR1+	41.58	29.2	PASS
n28	30	10	148600	24@0	CP_QAM256	U-ACLR12-	47.49	35.2	PASS
n28	30	10	148600	24@0	CP_QAM256	U-ACLR11-	39.92	32.2	PASS
n28	30	10	148600	24@0	CP_QAM256	U-ACLR1+	42.39	32.2	PASS
n28	30	10	148600	24@0	CP_QAM256	U-ACLR2+	58.10	35.2	PASS
n28	30	20	142600	25@12	DFT_BPSK	NR-ACLR1-	48.65	29.2	PASS
n28	30	20	142600	25@12	DFT_BPSK	NR-ACLR1+	46.74	29.2	PASS
n28	30	20	142600	25@12	DFT_BPSK	U-ACLR12-	59.97	35.2	PASS
n28	30	20	142600	25@12	DFT_BPSK	U-ACLR11-	49.97	32.2	PASS
n28	30	20	142600	25@12	DFT_BPSK	U-ACLR1+	48.83	32.2	PASS
n28	30	20	142600	25@12	DFT_BPSK	U-ACLR2+	54.87	35.2	PASS
n28	30	20	142600	1@0	DFT_BPSK	NR-ACLR1-	51.25	29.2	PASS
n28	30	20	142600	1@0	DFT_BPSK	NR-ACLR1+	52.21	29.2	PASS
n28	30	20	142600	1@0	DFT_BPSK	U-ACLR12-	59.96	35.2	PASS
n28	30	20	142600	1@0	DFT_BPSK	U-ACLR11-	54.49	32.2	PASS
n28	30	20	142600	1@0	DFT_BPSK	U-ACLR1+	57.44	32.2	PASS
n28	30	20	142600	1@0	DFT_BPSK	U-ACLR2+	58.60	35.2	PASS
n28	30	20	142600	50@0	DFT_BPSK	NR-ACLR1-	45.14	29.2	PASS
n28	30	20	142600	50@0	DFT_BPSK	NR-ACLR1+	40.08	29.2	PASS
n28	30	20	142600	50@0	DFT_BPSK	U-ACLR12-	55.53	35.2	PASS
n28	30	20	142600	50@0	DFT_BPSK	U-ACLR11-	46.91	32.2	PASS
n28	30	20	142600	50@0	DFT_BPSK	U-ACLR1+	44.73	32.2	PASS
n28	30	20	142600	50@0	DFT_BPSK	U-ACLR2+	45.79	35.2	PASS
n28	30	20	142600	25@12	DFT_QPSK	NR-ACLR1-	47.97	29.2	PASS
n28	30	20	142600	25@12	DFT_QPSK	NR-ACLR1+	46.36	29.2	PASS
n28	30	20	142600	25@12	DFT_QPSK	U-ACLR12-	58.33	35.2	PASS
n28	30	20	142600	25@12	DFT_QPSK	U-ACLR11-	49.78	32.2	PASS
n28	30	20	142600	25@12	DFT_QPSK	U-ACLR1+	48.78	32.2	PASS
n28	30	20	142600	25@12	DFT_QPSK	U-ACLR2+	54.34	35.2	PASS
n28	30	20	142600	1@0	DFT_QPSK	NR-ACLR1-	49.91	29.2	PASS

n28	30	20	142600	1@0	DFT_QPSK	NR-ACLR1+	50.88	29.2	PASS
n28	30	20	142600	1@0	DFT_QPSK	U-ACLR12-	58.26	35.2	PASS
n28	30	20	142600	1@0	DFT_QPSK	U-ACLR11-	53.69	32.2	PASS
n28	30	20	142600	1@0	DFT_QPSK	U-ACLR1+	56.52	32.2	PASS
n28	30	20	142600	1@0	DFT_QPSK	U-ACLR2+	57.40	35.2	PASS
n28	30	20	142600	50@0	DFT_QPSK	NR-ACLR1-	45.42	29.2	PASS
n28	30	20	142600	50@0	DFT_QPSK	NR-ACLR1+	40.26	29.2	PASS
n28	30	20	142600	50@0	DFT_QPSK	U-ACLR12-	55.58	35.2	PASS
n28	30	20	142600	50@0	DFT_QPSK	U-ACLR11-	47.25	32.2	PASS
n28	30	20	142600	50@0	DFT_QPSK	U-ACLR1+	44.95	32.2	PASS
n28	30	20	142600	50@0	DFT_QPSK	U-ACLR2+	46.05	35.2	PASS
n28	30	20	142600	25@12	DFT_QAM16	NR-ACLR1-	48.10	29.2	PASS
n28	30	20	142600	25@12	DFT_QAM16	NR-ACLR1+	46.47	29.2	PASS
n28	30	20	142600	25@12	DFT_QAM16	U-ACLR12-	58.29	35.2	PASS
n28	30	20	142600	25@12	DFT_QAM16	U-ACLR11-	50.00	32.2	PASS
n28	30	20	142600	25@12	DFT_QAM16	U-ACLR1+	48.93	32.2	PASS
n28	30	20	142600	25@12	DFT_QAM16	U-ACLR2+	54.38	35.2	PASS
n28	30	20	142600	1@0	DFT_QAM16	NR-ACLR1-	49.72	29.2	PASS
n28	30	20	142600	1@0	DFT_QAM16	NR-ACLR1+	50.97	29.2	PASS
n28	30	20	142600	1@0	DFT_QAM16	U-ACLR12-	58.29	35.2	PASS
n28	30	20	142600	1@0	DFT_QAM16	U-ACLR11-	53.28	32.2	PASS
n28	30	20	142600	1@0	DFT_QAM16	U-ACLR1+	56.57	32.2	PASS
n28	30	20	142600	1@0	DFT_QAM16	U-ACLR2+	57.46	35.2	PASS
n28	30	20	142600	50@0	DFT_QAM16	NR-ACLR1-	45.46	29.2	PASS
n28	30	20	142600	50@0	DFT_QAM16	NR-ACLR1+	40.32	29.2	PASS
n28	30	20	142600	50@0	DFT_QAM16	U-ACLR12-	55.56	35.2	PASS
n28	30	20	142600	50@0	DFT_QAM16	U-ACLR11-	47.30	32.2	PASS
n28	30	20	142600	50@0	DFT_QAM16	U-ACLR1+	45.00	32.2	PASS
n28	30	20	142600	50@0	DFT_QAM16	U-ACLR2+	46.11	35.2	PASS
n28	30	20	142600	1@0	DFT_QAM64	NR-ACLR1-	49.17	29.2	PASS
n28	30	20	142600	1@0	DFT_QAM64	NR-ACLR1+	50.26	29.2	PASS
n28	30	20	142600	1@0	DFT_QAM64	U-ACLR12-	57.43	35.2	PASS
n28	30	20	142600	1@0	DFT_QAM64	U-ACLR11-	53.09	32.2	PASS
n28	30	20	142600	1@0	DFT_QAM64	U-ACLR1+	56.10	32.2	PASS
n28	30	20	142600	1@0	DFT_QAM64	U-ACLR2+	56.80	35.2	PASS
n28	30	20	142600	50@0	DFT_QAM64	NR-ACLR1-	45.35	29.2	PASS
n28	30	20	142600	50@0	DFT_QAM64	NR-ACLR1+	40.22	29.2	PASS
n28	30	20	142600	50@0	DFT_QAM64	U-ACLR12-	55.51	35.2	PASS
n28	30	20	142600	50@0	DFT_QAM64	U-ACLR11-	47.18	32.2	PASS
n28	30	20	142600	50@0	DFT_QAM64	U-ACLR1+	44.90	32.2	PASS
n28	30	20	142600	50@0	DFT_QAM64	U-ACLR2+	46.00	35.2	PASS
n28	30	20	142600	1@0	DFT_QAM256	NR-ACLR1-	49.63	29.2	PASS
n28	30	20	142600	1@0	DFT_QAM256	NR-ACLR1+	50.95	29.2	PASS
n28	30	20	142600	1@0	DFT_QAM256	U-ACLR12-	58.27	35.2	PASS

n28	30	20	142600	1@0	DFT_QAM256	U-ACLR11-	53.19	32.2	PASS
n28	30	20	142600	1@0	DFT_QAM256	U-ACLR1+	56.57	32.2	PASS
n28	30	20	142600	1@0	DFT_QAM256	U-ACLR2+	57.48	35.2	PASS
n28	30	20	142600	50@0	DFT_QAM256	NR-ACLR1-	45.35	29.2	PASS
n28	30	20	142600	50@0	DFT_QAM256	NR-ACLR1+	40.25	29.2	PASS
n28	30	20	142600	50@0	DFT_QAM256	U-ACLR12-	55.50	35.2	PASS
n28	30	20	142600	50@0	DFT_QAM256	U-ACLR11-	47.16	32.2	PASS
n28	30	20	142600	50@0	DFT_QAM256	U-ACLR1+	44.94	32.2	PASS
n28	30	20	142600	50@0	DFT_QAM256	U-ACLR2+	46.03	35.2	PASS
n28	30	20	142600	25@12	CP_QPSK	NR-ACLR1-	43.73	29.2	PASS
n28	30	20	142600	25@12	CP_QPSK	NR-ACLR1+	42.74	29.2	PASS
n28	30	20	142600	25@12	CP_QPSK	U-ACLR12-	57.09	35.2	PASS
n28	30	20	142600	25@12	CP_QPSK	U-ACLR11-	44.78	32.2	PASS
n28	30	20	142600	25@12	CP_QPSK	U-ACLR1+	44.58	32.2	PASS
n28	30	20	142600	25@12	CP_QPSK	U-ACLR2+	51.30	35.2	PASS
n28	30	20	142600	1@0	CP_QPSK	NR-ACLR1-	49.49	29.2	PASS
n28	30	20	142600	1@0	CP_QPSK	NR-ACLR1+	51.31	29.2	PASS
n28	30	20	142600	1@0	CP_QPSK	U-ACLR12-	58.64	35.2	PASS
n28	30	20	142600	1@0	CP_QPSK	U-ACLR11-	52.61	32.2	PASS
n28	30	20	142600	1@0	CP_QPSK	U-ACLR1+	56.87	32.2	PASS
n28	30	20	142600	1@0	CP_QPSK	U-ACLR2+	57.81	35.2	PASS
n28	30	20	142600	51@0	CP_QPSK	NR-ACLR1-	49.48	29.2	PASS
n28	30	20	142600	51@0	CP_QPSK	NR-ACLR1+	51.25	29.2	PASS
n28	30	20	142600	51@0	CP_QPSK	U-ACLR12-	58.59	35.2	PASS
n28	30	20	142600	51@0	CP_QPSK	U-ACLR11-	52.66	32.2	PASS
n28	30	20	142600	51@0	CP_QPSK	U-ACLR1+	56.80	32.2	PASS
n28	30	20	142600	51@0	CP_QPSK	U-ACLR2+	57.73	35.2	PASS
n28	30	20	142600	25@12	CP_QAM16	NR-ACLR1-	45.21	29.2	PASS
n28	30	20	142600	25@12	CP_QAM16	NR-ACLR1+	43.89	29.2	PASS
n28	30	20	142600	25@12	CP_QAM16	U-ACLR12-	57.68	35.2	PASS
n28	30	20	142600	25@12	CP_QAM16	U-ACLR11-	46.39	32.2	PASS
n28	30	20	142600	25@12	CP_QAM16	U-ACLR1+	45.77	32.2	PASS
n28	30	20	142600	25@12	CP_QAM16	U-ACLR2+	52.39	35.2	PASS
n28	30	20	142600	1@0	CP_QAM16	NR-ACLR1-	49.41	29.2	PASS
n28	30	20	142600	1@0	CP_QAM16	NR-ACLR1+	51.00	29.2	PASS
n28	30	20	142600	1@0	CP_QAM16	U-ACLR12-	58.39	35.2	PASS
n28	30	20	142600	1@0	CP_QAM16	U-ACLR11-	52.63	32.2	PASS
n28	30	20	142600	1@0	CP_QAM16	U-ACLR1+	56.62	32.2	PASS
n28	30	20	142600	1@0	CP_QAM16	U-ACLR2+	57.56	35.2	PASS
n28	30	20	142600	51@0	CP_QAM16	NR-ACLR1-	49.39	29.2	PASS
n28	30	20	142600	51@0	CP_QAM16	NR-ACLR1+	51.01	29.2	PASS
n28	30	20	142600	51@0	CP_QAM16	U-ACLR12-	58.31	35.2	PASS
n28	30	20	142600	51@0	CP_QAM16	U-ACLR11-	52.67	32.2	PASS
n28	30	20	142600	51@0	CP_QAM16	U-ACLR1+	56.57	32.2	PASS

n28	30	20	142600	51@0	CP_QAM16	U-ACLR2+	57.48	35.2	PASS
n28	30	20	142600	1@0	CP_QAM64	NR-ACLR1-	49.71	29.2	PASS
n28	30	20	142600	1@0	CP_QAM64	NR-ACLR1+	50.94	29.2	PASS
n28	30	20	142600	1@0	CP_QAM64	U-ACLR12-	58.25	35.2	PASS
n28	30	20	142600	1@0	CP_QAM64	U-ACLR11-	53.31	32.2	PASS
n28	30	20	142600	1@0	CP_QAM64	U-ACLR1+	56.59	32.2	PASS
n28	30	20	142600	1@0	CP_QAM64	U-ACLR2+	57.44	35.2	PASS
n28	30	20	142600	51@0	CP_QAM64	NR-ACLR1-	46.27	29.2	PASS
n28	30	20	142600	51@0	CP_QAM64	NR-ACLR1+	46.95	29.2	PASS
n28	30	20	142600	51@0	CP_QAM64	U-ACLR12-	53.86	35.2	PASS
n28	30	20	142600	51@0	CP_QAM64	U-ACLR11-	51.43	32.2	PASS
n28	30	20	142600	51@0	CP_QAM64	U-ACLR1+	53.32	32.2	PASS
n28	30	20	142600	51@0	CP_QAM64	U-ACLR2+	53.77	35.2	PASS
n28	30	20	142600	1@0	CP_QAM256	NR-ACLR1-	49.70	29.2	PASS
n28	30	20	142600	1@0	CP_QAM256	NR-ACLR1+	50.97	29.2	PASS
n28	30	20	142600	1@0	CP_QAM256	U-ACLR12-	58.23	35.2	PASS
n28	30	20	142600	1@0	CP_QAM256	U-ACLR11-	53.29	32.2	PASS
n28	30	20	142600	1@0	CP_QAM256	U-ACLR1+	56.57	32.2	PASS
n28	30	20	142600	1@0	CP_QAM256	U-ACLR2+	57.49	35.2	PASS
n28	30	20	142600	51@0	CP_QAM256	NR-ACLR1-	49.67	29.2	PASS
n28	30	20	142600	51@0	CP_QAM256	NR-ACLR1+	50.97	29.2	PASS
n28	30	20	142600	51@0	CP_QAM256	U-ACLR12-	58.28	35.2	PASS
n28	30	20	142600	51@0	CP_QAM256	U-ACLR11-	53.22	32.2	PASS
n28	30	20	142600	51@0	CP_QAM256	U-ACLR1+	56.60	32.2	PASS
n28	30	20	142600	51@0	CP_QAM256	U-ACLR2+	57.48	35.2	PASS
n28	30	20	147600	25@12	DFT_BPSK	NR-ACLR1-	43.26	29.2	PASS
n28	30	20	147600	25@12	DFT_BPSK	NR-ACLR1+	49.28	29.2	PASS
n28	30	20	147600	25@12	DFT_BPSK	U-ACLR12-	54.01	35.2	PASS
n28	30	20	147600	25@12	DFT_BPSK	U-ACLR11-	44.25	32.2	PASS
n28	30	20	147600	25@12	DFT_BPSK	U-ACLR1+	50.19	32.2	PASS
n28	30	20	147600	25@12	DFT_BPSK	U-ACLR2+	62.49	35.2	PASS
n28	30	20	147600	1@50	DFT_BPSK	NR-ACLR1-	53.68	29.2	PASS
n28	30	20	147600	1@50	DFT_BPSK	NR-ACLR1+	50.91	29.2	PASS
n28	30	20	147600	1@50	DFT_BPSK	U-ACLR12-	60.67	35.2	PASS
n28	30	20	147600	1@50	DFT_BPSK	U-ACLR11-	59.40	32.2	PASS
n28	30	20	147600	1@50	DFT_BPSK	U-ACLR1+	53.86	32.2	PASS
n28	30	20	147600	1@50	DFT_BPSK	U-ACLR2+	60.34	35.2	PASS
n28	30	20	147600	50@0	DFT_BPSK	NR-ACLR1-	43.55	29.2	PASS
n28	30	20	147600	50@0	DFT_BPSK	NR-ACLR1+	50.04	29.2	PASS
n28	30	20	147600	50@0	DFT_BPSK	U-ACLR12-	49.64	35.2	PASS
n28	30	20	147600	50@0	DFT_BPSK	U-ACLR11-	48.25	32.2	PASS
n28	30	20	147600	50@0	DFT_BPSK	U-ACLR1+	51.43	32.2	PASS
n28	30	20	147600	50@0	DFT_BPSK	U-ACLR2+	61.50	35.2	PASS
n28	30	20	147600	25@12	DFT_QPSK	NR-ACLR1-	40.51	29.2	PASS

n28	30	20	147600	25@12	DFT_QPSK	NR-ACLR1+	45.58	29.2	PASS
n28	30	20	147600	25@12	DFT_QPSK	U-ACLR12-	53.64	35.2	PASS
n28	30	20	147600	25@12	DFT_QPSK	U-ACLR11-	41.35	32.2	PASS
n28	30	20	147600	25@12	DFT_QPSK	U-ACLR1+	46.17	32.2	PASS
n28	30	20	147600	25@12	DFT_QPSK	U-ACLR2+	62.50	35.2	PASS
n28	30	20	147600	1@50	DFT_QPSK	NR-ACLR1-	53.03	29.2	PASS
n28	30	20	147600	1@50	DFT_QPSK	NR-ACLR1+	51.11	29.2	PASS
n28	30	20	147600	1@50	DFT_QPSK	U-ACLR12-	60.01	35.2	PASS
n28	30	20	147600	1@50	DFT_QPSK	U-ACLR11-	58.70	32.2	PASS
n28	30	20	147600	1@50	DFT_QPSK	U-ACLR1+	54.30	32.2	PASS
n28	30	20	147600	1@50	DFT_QPSK	U-ACLR2+	60.08	35.2	PASS
n28	30	20	147600	50@0	DFT_QPSK	NR-ACLR1-	40.17	29.2	PASS
n28	30	20	147600	50@0	DFT_QPSK	NR-ACLR1+	46.75	29.2	PASS
n28	30	20	147600	50@0	DFT_QPSK	U-ACLR12-	46.55	35.2	PASS
n28	30	20	147600	50@0	DFT_QPSK	U-ACLR11-	44.19	32.2	PASS
n28	30	20	147600	50@0	DFT_QPSK	U-ACLR1+	47.63	32.2	PASS
n28	30	20	147600	50@0	DFT_QPSK	U-ACLR2+	60.79	35.2	PASS
n28	30	20	147600	25@12	DFT_QAM16	NR-ACLR1-	42.17	29.2	PASS
n28	30	20	147600	25@12	DFT_QAM16	NR-ACLR1+	47.06	29.2	PASS
n28	30	20	147600	25@12	DFT_QAM16	U-ACLR12-	53.17	35.2	PASS
n28	30	20	147600	25@12	DFT_QAM16	U-ACLR11-	43.37	32.2	PASS
n28	30	20	147600	25@12	DFT_QAM16	U-ACLR1+	47.87	32.2	PASS
n28	30	20	147600	25@12	DFT_QAM16	U-ACLR2+	61.84	35.2	PASS
n28	30	20	147600	1@50	DFT_QAM16	NR-ACLR1-	52.02	29.2	PASS
n28	30	20	147600	1@50	DFT_QAM16	NR-ACLR1+	50.35	29.2	PASS
n28	30	20	147600	1@50	DFT_QAM16	U-ACLR12-	58.89	35.2	PASS
n28	30	20	147600	1@50	DFT_QAM16	U-ACLR11-	57.62	32.2	PASS
n28	30	20	147600	1@50	DFT_QAM16	U-ACLR1+	53.40	32.2	PASS
n28	30	20	147600	1@50	DFT_QAM16	U-ACLR2+	59.54	35.2	PASS
n28	30	20	147600	50@0	DFT_QAM16	NR-ACLR1-	41.20	29.2	PASS
n28	30	20	147600	50@0	DFT_QAM16	NR-ACLR1+	47.01	29.2	PASS
n28	30	20	147600	50@0	DFT_QAM16	U-ACLR12-	47.54	35.2	PASS
n28	30	20	147600	50@0	DFT_QAM16	U-ACLR11-	45.07	32.2	PASS
n28	30	20	147600	50@0	DFT_QAM16	U-ACLR1+	48.05	32.2	PASS
n28	30	20	147600	50@0	DFT_QAM16	U-ACLR2+	60.35	35.2	PASS
n28	30	20	147600	1@50	DFT_QPSK	NR-ACLR1-	50.51	29.2	PASS
n28	30	20	147600	1@50	DFT_QPSK	NR-ACLR1+	50.01	29.2	PASS
n28	30	20	147600	1@50	DFT_QPSK	U-ACLR12-	57.32	35.2	PASS
n28	30	20	147600	1@50	DFT_QPSK	U-ACLR11-	55.97	32.2	PASS
n28	30	20	147600	1@50	DFT_QPSK	U-ACLR1+	53.28	32.2	PASS
n28	30	20	147600	1@50	DFT_QPSK	U-ACLR2+	58.91	35.2	PASS
n28	30	20	147600	50@0	DFT_QAM64	NR-ACLR1-	42.63	29.2	PASS
n28	30	20	147600	50@0	DFT_QAM64	NR-ACLR1+	47.90	29.2	PASS
n28	30	20	147600	50@0	DFT_QAM64	U-ACLR12-	48.87	35.2	PASS

n28	30	20	147600	50@0	DFT_QAM64	U-ACLR11-	46.63	32.2	PASS
n28	30	20	147600	50@0	DFT_QAM64	U-ACLR1+	49.14	32.2	PASS
n28	30	20	147600	50@0	DFT_QAM64	U-ACLR2+	60.24	35.2	PASS
n28	30	20	147600	1@50	DFT_QAM256	NR-ACLR1-	51.28	29.2	PASS
n28	30	20	147600	1@50	DFT_QAM256	NR-ACLR1+	49.75	29.2	PASS
n28	30	20	147600	1@50	DFT_QAM256	U-ACLR12-	58.14	35.2	PASS
n28	30	20	147600	1@50	DFT_QAM256	U-ACLR11-	57.12	32.2	PASS
n28	30	20	147600	1@50	DFT_QAM256	U-ACLR1+	53.00	32.2	PASS
n28	30	20	147600	1@50	DFT_QAM256	U-ACLR2+	58.81	35.2	PASS
n28	30	20	147600	50@0	DFT_QAM256	NR-ACLR1-	44.70	29.2	PASS
n28	30	20	147600	50@0	DFT_QAM256	NR-ACLR1+	47.87	29.2	PASS
n28	30	20	147600	50@0	DFT_QAM256	U-ACLR12-	52.70	35.2	PASS
n28	30	20	147600	50@0	DFT_QAM256	U-ACLR11-	48.68	32.2	PASS
n28	30	20	147600	50@0	DFT_QAM256	U-ACLR1+	54.33	32.2	PASS
n28	30	20	147600	50@0	DFT_QAM256	U-ACLR2+	54.97	35.2	PASS
n28	30	20	147600	25@12	CP_QPSK	NR-ACLR1-	44.70	29.2	PASS
n28	30	20	147600	25@12	CP_QPSK	NR-ACLR1+	47.85	29.2	PASS
n28	30	20	147600	25@12	CP_QPSK	U-ACLR12-	52.67	35.2	PASS
n28	30	20	147600	25@12	CP_QPSK	U-ACLR11-	48.66	32.2	PASS
n28	30	20	147600	25@12	CP_QPSK	U-ACLR1+	54.29	32.2	PASS
n28	30	20	147600	25@12	CP_QPSK	U-ACLR2+	54.93	35.2	PASS
n28	30	20	147600	1@50	CP_QPSK	NR-ACLR1-	44.71	29.2	PASS
n28	30	20	147600	1@50	CP_QPSK	NR-ACLR1+	47.88	29.2	PASS
n28	30	20	147600	1@50	CP_QPSK	U-ACLR12-	52.68	35.2	PASS
n28	30	20	147600	1@50	CP_QPSK	U-ACLR11-	48.62	32.2	PASS
n28	30	20	147600	1@50	CP_QPSK	U-ACLR1+	54.40	32.2	PASS
n28	30	20	147600	1@50	CP_QPSK	U-ACLR2+	54.94	35.2	PASS
n28	30	20	147600	51@0	CP_QPSK	NR-ACLR1-	44.73	29.2	PASS
n28	30	20	147600	51@0	CP_QPSK	NR-ACLR1+	47.88	29.2	PASS
n28	30	20	147600	51@0	CP_QPSK	U-ACLR12-	52.70	35.2	PASS
n28	30	20	147600	51@0	CP_QPSK	U-ACLR11-	48.68	32.2	PASS
n28	30	20	147600	51@0	CP_QPSK	U-ACLR1+	54.30	32.2	PASS
n28	30	20	147600	51@0	CP_QPSK	U-ACLR2+	55.01	35.2	PASS
n28	30	20	147600	25@12	CP_QAM16	NR-ACLR1-	44.66	29.2	PASS
n28	30	20	147600	25@12	CP_QAM16	NR-ACLR1+	47.87	29.2	PASS
n28	30	20	147600	25@12	CP_QAM16	U-ACLR12-	52.65	35.2	PASS
n28	30	20	147600	25@12	CP_QAM16	U-ACLR11-	48.59	32.2	PASS
n28	30	20	147600	25@12	CP_QAM16	U-ACLR1+	54.31	32.2	PASS
n28	30	20	147600	25@12	CP_QAM16	U-ACLR2+	54.94	35.2	PASS
n28	30	20	147600	1@50	CP_QAM16	NR-ACLR1-	44.76	29.2	PASS
n28	30	20	147600	1@50	CP_QAM16	NR-ACLR1+	47.82	29.2	PASS
n28	30	20	147600	1@50	CP_QAM16	U-ACLR12-	52.69	35.2	PASS
n28	30	20	147600	1@50	CP_QAM16	U-ACLR11-	48.71	32.2	PASS
n28	30	20	147600	1@50	CP_QAM16	U-ACLR1+	54.22	32.2	PASS

n28	30	20	147600	1@50	CP_QAM16	U-ACLR2+	54.92	35.2	PASS
n28	30	20	147600	51@0	CP_QAM16	NR-ACLR1-	44.73	29.2	PASS
n28	30	20	147600	51@0	CP_QAM16	NR-ACLR1+	47.86	29.2	PASS
n28	30	20	147600	51@0	CP_QAM16	U-ACLR12-	52.67	35.2	PASS
n28	30	20	147600	51@0	CP_QAM16	U-ACLR11-	48.71	32.2	PASS
n28	30	20	147600	51@0	CP_QAM16	U-ACLR1+	54.31	32.2	PASS
n28	30	20	147600	51@0	CP_QAM16	U-ACLR2+	54.96	35.2	PASS
n28	30	20	147600	1@50	CP_QAM64	NR-ACLR1-	44.68	29.2	PASS
n28	30	20	147600	1@50	CP_QAM64	NR-ACLR1+	47.85	29.2	PASS
n28	30	20	147600	1@50	CP_QAM64	U-ACLR12-	52.69	35.2	PASS
n28	30	20	147600	1@50	CP_QAM64	U-ACLR11-	48.62	32.2	PASS
n28	30	20	147600	1@50	CP_QAM64	U-ACLR1+	54.33	32.2	PASS
n28	30	20	147600	1@50	CP_QAM64	U-ACLR2+	54.98	35.2	PASS
n28	30	20	147600	51@0	CP_QAM64	NR-ACLR1-	44.67	29.2	PASS
n28	30	20	147600	51@0	CP_QAM64	NR-ACLR1+	47.85	29.2	PASS
n28	30	20	147600	51@0	CP_QAM64	U-ACLR12-	52.60	35.2	PASS
n28	30	20	147600	51@0	CP_QAM64	U-ACLR11-	48.62	32.2	PASS
n28	30	20	147600	51@0	CP_QAM64	U-ACLR1+	54.23	32.2	PASS
n28	30	20	147600	51@0	CP_QAM64	U-ACLR2+	54.97	35.2	PASS
n28	30	20	147600	1@50	CP_QAM256	NR-ACLR1-	44.71	29.2	PASS
n28	30	20	147600	1@50	CP_QAM256	NR-ACLR1+	47.85	29.2	PASS
n28	30	20	147600	1@50	CP_QAM256	U-ACLR12-	52.68	35.2	PASS
n28	30	20	147600	1@50	CP_QAM256	U-ACLR11-	48.68	32.2	PASS
n28	30	20	147600	1@50	CP_QAM256	U-ACLR1+	54.34	32.2	PASS
n28	30	20	147600	1@50	CP_QAM256	U-ACLR2+	54.91	35.2	PASS
n28	30	20	147600	51@0	CP_QAM256	NR-ACLR1-	44.71	29.2	PASS
n28	30	20	147600	51@0	CP_QAM256	NR-ACLR1+	47.76	29.2	PASS
n28	30	20	147600	51@0	CP_QAM256	U-ACLR12-	52.64	35.2	PASS
n28	30	20	147600	51@0	CP_QAM256	U-ACLR11-	48.69	32.2	PASS
n28	30	20	147600	51@0	CP_QAM256	U-ACLR1+	54.26	32.2	PASS
n28	30	20	147600	51@0	CP_QAM256	U-ACLR2+	54.83	35.2	PASS
n3	30	10	343000	12@6	DFT_BPSK	NR-ACLR1-	46.26	29.2	PASS
n3	30	10	343000	12@6	DFT_BPSK	NR-ACLR1+	45.46	29.2	PASS
n3	30	10	343000	12@6	DFT_BPSK	U-ACLR12-	52.24	35.2	PASS
n3	30	10	343000	12@6	DFT_BPSK	U-ACLR11-	48.87	32.2	PASS
n3	30	10	343000	12@6	DFT_BPSK	U-ACLR1+	47.92	32.2	PASS
n3	30	10	343000	12@6	DFT_BPSK	U-ACLR2+	51.50	35.2	PASS
n3	30	10	343000	1@0	DFT_BPSK	NR-ACLR1-	51.61	29.2	PASS
n3	30	10	343000	1@0	DFT_BPSK	NR-ACLR1+	47.62	29.2	PASS
n3	30	10	343000	1@0	DFT_BPSK	U-ACLR12-	58.66	35.2	PASS
n3	30	10	343000	1@0	DFT_BPSK	U-ACLR11-	54.93	32.2	PASS
n3	30	10	343000	1@0	DFT_BPSK	U-ACLR1+	56.07	32.2	PASS
n3	30	10	343000	1@0	DFT_BPSK	U-ACLR2+	48.53	35.2	PASS
n3	30	10	343000	24@0	DFT_BPSK	NR-ACLR1-	46.10	29.2	PASS

n3	30	10	343000	24@0	DFT_BPSK	NR-ACLR1+	45.24	29.2	PASS
n3	30	10	343000	24@0	DFT_BPSK	U-ACLR12-	52.08	35.2	PASS
n3	30	10	343000	24@0	DFT_BPSK	U-ACLR11-	48.71	32.2	PASS
n3	30	10	343000	24@0	DFT_BPSK	U-ACLR1+	47.71	32.2	PASS
n3	30	10	343000	24@0	DFT_BPSK	U-ACLR2+	51.26	35.2	PASS
n3	30	10	343000	12@6	DFT_QPSK	NR-ACLR1-	44.08	29.2	PASS
n3	30	10	343000	12@6	DFT_QPSK	NR-ACLR1+	42.76	29.2	PASS
n3	30	10	343000	12@6	DFT_QPSK	U-ACLR12-	56.16	35.2	PASS
n3	30	10	343000	12@6	DFT_QPSK	U-ACLR11-	45.41	32.2	PASS
n3	30	10	343000	12@6	DFT_QPSK	U-ACLR1+	44.16	32.2	PASS
n3	30	10	343000	12@6	DFT_QPSK	U-ACLR2+	54.94	35.2	PASS
n3	30	10	343000	1@0	DFT_QPSK	NR-ACLR1-	51.47	29.2	PASS
n3	30	10	343000	1@0	DFT_QPSK	NR-ACLR1+	47.22	29.2	PASS
n3	30	10	343000	1@0	DFT_QPSK	U-ACLR12-	58.36	35.2	PASS
n3	30	10	343000	1@0	DFT_QPSK	U-ACLR11-	54.62	32.2	PASS
n3	30	10	343000	1@0	DFT_QPSK	U-ACLR1+	55.59	32.2	PASS
n3	30	10	343000	1@0	DFT_QPSK	U-ACLR2+	48.16	35.2	PASS
n3	30	10	343000	24@0	DFT_QPSK	NR-ACLR1-	41.63	29.2	PASS
n3	30	10	343000	24@0	DFT_QPSK	NR-ACLR1+	40.50	29.2	PASS
n3	30	10	343000	24@0	DFT_QPSK	U-ACLR12-	48.82	35.2	PASS
n3	30	10	343000	24@0	DFT_QPSK	U-ACLR11-	43.66	32.2	PASS
n3	30	10	343000	24@0	DFT_QPSK	U-ACLR1+	42.53	32.2	PASS
n3	30	10	343000	24@0	DFT_QPSK	U-ACLR2+	47.65	35.2	PASS
n3	30	10	343000	12@6	DFT_QAM16	NR-ACLR1-	46.15	29.2	PASS
n3	30	10	343000	12@6	DFT_QAM16	NR-ACLR1+	44.86	29.2	PASS
n3	30	10	343000	12@6	DFT_QAM16	U-ACLR12-	56.60	35.2	PASS
n3	30	10	343000	12@6	DFT_QAM16	U-ACLR11-	47.78	32.2	PASS
n3	30	10	343000	12@6	DFT_QAM16	U-ACLR1+	46.40	32.2	PASS
n3	30	10	343000	12@6	DFT_QAM16	U-ACLR2+	55.72	35.2	PASS
n3	30	10	343000	1@0	DFT_QAM16	NR-ACLR1-	50.08	29.2	PASS
n3	30	10	343000	1@0	DFT_QAM16	NR-ACLR1+	47.45	29.2	PASS
n3	30	10	343000	1@0	DFT_QAM16	U-ACLR12-	57.70	35.2	PASS
n3	30	10	343000	1@0	DFT_QAM16	U-ACLR11-	53.52	32.2	PASS
n3	30	10	343000	1@0	DFT_QAM16	U-ACLR1+	54.93	32.2	PASS
n3	30	10	343000	1@0	DFT_QAM16	U-ACLR2+	48.63	35.2	PASS
n3	30	10	343000	24@0	DFT_QAM16	NR-ACLR1-	43.60	29.2	PASS
n3	30	10	343000	24@0	DFT_QAM16	NR-ACLR1+	42.45	29.2	PASS
n3	30	10	343000	24@0	DFT_QAM16	U-ACLR12-	50.67	35.2	PASS
n3	30	10	343000	24@0	DFT_QAM16	U-ACLR11-	45.64	32.2	PASS
n3	30	10	343000	24@0	DFT_QAM16	U-ACLR1+	44.45	32.2	PASS
n3	30	10	343000	24@0	DFT_QAM16	U-ACLR2+	49.65	35.2	PASS
n3	30	10	343000	1@0	DFT_QAM64	NR-ACLR1-	50.64	29.2	PASS
n3	30	10	343000	1@0	DFT_QAM64	NR-ACLR1+	47.57	29.2	PASS
n3	30	10	343000	1@0	DFT_QAM64	U-ACLR12-	57.64	35.2	PASS

n3	30	10	343000	1@0	DFT_QAM64	U-ACLR11-	53.96	32.2	PASS
n3	30	10	343000	1@0	DFT_QAM64	U-ACLR1+	54.94	32.2	PASS
n3	30	10	343000	1@0	DFT_QAM64	U-ACLR2+	48.78	35.2	PASS
n3	30	10	343000	24@0	DFT_QAM64	NR-ACLR1-	44.01	29.2	PASS
n3	30	10	343000	24@0	DFT_QAM64	NR-ACLR1+	43.02	29.2	PASS
n3	30	10	343000	24@0	DFT_QAM64	U-ACLR12-	51.19	35.2	PASS
n3	30	10	343000	24@0	DFT_QAM64	U-ACLR11-	46.05	32.2	PASS
n3	30	10	343000	24@0	DFT_QAM64	U-ACLR1+	45.00	32.2	PASS
n3	30	10	343000	24@0	DFT_QAM64	U-ACLR2+	50.28	35.2	PASS
n3	30	10	343000	1@0	DFT_QAM256	NR-ACLR1-	50.63	29.2	PASS
n3	30	10	343000	1@0	DFT_QAM256	NR-ACLR1+	47.48	29.2	PASS
n3	30	10	343000	1@0	DFT_QAM256	U-ACLR12-	57.62	35.2	PASS
n3	30	10	343000	1@0	DFT_QAM256	U-ACLR11-	53.90	32.2	PASS
n3	30	10	343000	1@0	DFT_QAM256	U-ACLR1+	54.87	32.2	PASS
n3	30	10	343000	1@0	DFT_QAM256	U-ACLR2+	48.69	35.2	PASS
n3	30	10	343000	24@0	DFT_QAM256	NR-ACLR1-	44.06	29.2	PASS
n3	30	10	343000	24@0	DFT_QAM256	NR-ACLR1+	43.08	29.2	PASS
n3	30	10	343000	24@0	DFT_QAM256	U-ACLR12-	51.14	35.2	PASS
n3	30	10	343000	24@0	DFT_QAM256	U-ACLR11-	46.12	32.2	PASS
n3	30	10	343000	24@0	DFT_QAM256	U-ACLR1+	45.09	32.2	PASS
n3	30	10	343000	24@0	DFT_QAM256	U-ACLR2+	50.29	35.2	PASS
n3	30	10	343000	12@6	CP_QPSK	NR-ACLR1-	48.40	29.2	PASS
n3	30	10	343000	12@6	CP_QPSK	NR-ACLR1+	47.22	29.2	PASS
n3	30	10	343000	12@6	CP_QPSK	U-ACLR12-	56.44	35.2	PASS
n3	30	10	343000	12@6	CP_QPSK	U-ACLR11-	50.22	32.2	PASS
n3	30	10	343000	12@6	CP_QPSK	U-ACLR1+	48.92	32.2	PASS
n3	30	10	343000	12@6	CP_QPSK	U-ACLR2+	55.75	35.2	PASS
n3	30	10	343000	1@0	CP_QPSK	NR-ACLR1-	50.89	29.2	PASS
n3	30	10	343000	1@0	CP_QPSK	NR-ACLR1+	47.44	29.2	PASS
n3	30	10	343000	1@0	CP_QPSK	U-ACLR12-	57.62	35.2	PASS
n3	30	10	343000	1@0	CP_QPSK	U-ACLR11-	54.13	32.2	PASS
n3	30	10	343000	1@0	CP_QPSK	U-ACLR1+	54.94	32.2	PASS
n3	30	10	343000	1@0	CP_QPSK	U-ACLR2+	48.62	35.2	PASS
n3	30	10	343000	24@0	CP_QPSK	NR-ACLR1-	39.60	29.2	PASS
n3	30	10	343000	24@0	CP_QPSK	NR-ACLR1+	38.25	29.2	PASS
n3	30	10	343000	24@0	CP_QPSK	U-ACLR12-	47.97	35.2	PASS
n3	30	10	343000	24@0	CP_QPSK	U-ACLR11-	41.32	32.2	PASS
n3	30	10	343000	24@0	CP_QPSK	U-ACLR1+	39.88	32.2	PASS
n3	30	10	343000	24@0	CP_QPSK	U-ACLR2+	46.74	35.2	PASS
n3	30	10	343000	12@6	CP_QAM16	NR-ACLR1-	44.94	29.2	PASS
n3	30	10	343000	12@6	CP_QAM16	NR-ACLR1+	43.73	29.2	PASS
n3	30	10	343000	12@6	CP_QAM16	U-ACLR12-	55.75	35.2	PASS
n3	30	10	343000	12@6	CP_QAM16	U-ACLR11-	46.63	32.2	PASS
n3	30	10	343000	12@6	CP_QAM16	U-ACLR1+	45.38	32.2	PASS

n3	30	10	343000	12@6	CP_QAM16	U-ACLR2+	54.78	35.2	PASS
n3	30	10	343000	1@0	CP_QAM16	NR-ACLR1-	50.36	29.2	PASS
n3	30	10	343000	1@0	CP_QAM16	NR-ACLR1+	47.75	29.2	PASS
n3	30	10	343000	1@0	CP_QAM16	U-ACLR12-	56.80	35.2	PASS
n3	30	10	343000	1@0	CP_QAM16	U-ACLR11-	53.36	32.2	PASS
n3	30	10	343000	1@0	CP_QAM16	U-ACLR1+	53.72	32.2	PASS
n3	30	10	343000	1@0	CP_QAM16	U-ACLR2+	49.55	35.2	PASS
n3	30	10	343000	24@0	CP_QAM16	NR-ACLR1-	39.59	29.2	PASS
n3	30	10	343000	24@0	CP_QAM16	NR-ACLR1+	38.16	29.2	PASS
n3	30	10	343000	24@0	CP_QAM16	U-ACLR12-	48.30	35.2	PASS
n3	30	10	343000	24@0	CP_QAM16	U-ACLR11-	41.20	32.2	PASS
n3	30	10	343000	24@0	CP_QAM16	U-ACLR1+	39.77	32.2	PASS
n3	30	10	343000	24@0	CP_QAM16	U-ACLR2+	47.11	35.2	PASS
n3	30	10	343000	1@0	CP_QAM64	NR-ACLR1-	49.83	29.2	PASS
n3	30	10	343000	1@0	CP_QAM64	NR-ACLR1+	47.45	29.2	PASS
n3	30	10	343000	1@0	CP_QAM64	U-ACLR12-	56.63	35.2	PASS
n3	30	10	343000	1@0	CP_QAM64	U-ACLR11-	52.97	32.2	PASS
n3	30	10	343000	1@0	CP_QAM64	U-ACLR1+	53.62	32.2	PASS
n3	30	10	343000	1@0	CP_QAM64	U-ACLR2+	49.15	35.2	PASS
n3	30	10	343000	24@0	CP_QAM64	NR-ACLR1-	42.00	29.2	PASS
n3	30	10	343000	24@0	CP_QAM64	NR-ACLR1+	40.44	29.2	PASS
n3	30	10	343000	24@0	CP_QAM64	U-ACLR12-	49.55	35.2	PASS
n3	30	10	343000	24@0	CP_QAM64	U-ACLR11-	43.92	32.2	PASS
n3	30	10	343000	24@0	CP_QAM64	U-ACLR1+	42.26	32.2	PASS
n3	30	10	343000	24@0	CP_QAM64	U-ACLR2+	48.27	35.2	PASS
n3	30	10	343000	1@0	CP_QAM256	NR-ACLR1-	49.86	29.2	PASS
n3	30	10	343000	1@0	CP_QAM256	NR-ACLR1+	47.62	29.2	PASS
n3	30	10	343000	1@0	CP_QAM256	U-ACLR12-	56.58	35.2	PASS
n3	30	10	343000	1@0	CP_QAM256	U-ACLR11-	53.03	32.2	PASS
n3	30	10	343000	1@0	CP_QAM256	U-ACLR1+	53.61	32.2	PASS
n3	30	10	343000	1@0	CP_QAM256	U-ACLR2+	49.41	35.2	PASS
n3	30	10	343000	24@0	CP_QAM256	NR-ACLR1-	42.03	29.2	PASS
n3	30	10	343000	24@0	CP_QAM256	NR-ACLR1+	40.50	29.2	PASS
n3	30	10	343000	24@0	CP_QAM256	U-ACLR12-	49.47	35.2	PASS
n3	30	10	343000	24@0	CP_QAM256	U-ACLR11-	43.97	32.2	PASS
n3	30	10	343000	24@0	CP_QAM256	U-ACLR1+	42.35	32.2	PASS
n3	30	10	343000	24@0	CP_QAM256	U-ACLR2+	48.21	35.2	PASS
n3	30	10	356000	12@6	DFT_BPSK	NR-ACLR1-	45.40	29.2	PASS
n3	30	10	356000	12@6	DFT_BPSK	NR-ACLR1+	46.85	29.2	PASS
n3	30	10	356000	12@6	DFT_BPSK	U-ACLR12-	55.45	35.2	PASS
n3	30	10	356000	12@6	DFT_BPSK	U-ACLR11-	47.14	32.2	PASS
n3	30	10	356000	12@6	DFT_BPSK	U-ACLR1+	48.54	32.2	PASS
n3	30	10	356000	12@6	DFT_BPSK	U-ACLR2+	57.34	35.2	PASS
n3	30	10	356000	1@23	DFT_BPSK	NR-ACLR1-	44.50	29.2	PASS

n3	30	10	356000	1@23	DFT_BPSK	NR-ACLR1+	46.73	29.2	PASS
n3	30	10	356000	1@23	DFT_BPSK	U-ACLR12-	50.76	35.2	PASS
n3	30	10	356000	1@23	DFT_BPSK	U-ACLR11-	46.96	32.2	PASS
n3	30	10	356000	1@23	DFT_BPSK	U-ACLR1+	48.95	32.2	PASS
n3	30	10	356000	1@23	DFT_BPSK	U-ACLR2+	53.62	35.2	PASS
n3	30	10	356000	24@0	DFT_BPSK	NR-ACLR1-	43.87	29.2	PASS
n3	30	10	356000	24@0	DFT_BPSK	NR-ACLR1+	46.21	29.2	PASS
n3	30	10	356000	24@0	DFT_BPSK	U-ACLR12-	50.25	35.2	PASS
n3	30	10	356000	24@0	DFT_BPSK	U-ACLR11-	46.34	32.2	PASS
n3	30	10	356000	24@0	DFT_BPSK	U-ACLR1+	48.42	32.2	PASS
n3	30	10	356000	24@0	DFT_BPSK	U-ACLR2+	53.21	35.2	PASS
n3	30	10	356000	12@6	DFT_QPSK	NR-ACLR1-	42.38	29.2	PASS
n3	30	10	356000	12@6	DFT_QPSK	NR-ACLR1+	43.67	29.2	PASS
n3	30	10	356000	12@6	DFT_QPSK	U-ACLR12-	54.15	35.2	PASS
n3	30	10	356000	12@6	DFT_QPSK	U-ACLR11-	44.00	32.2	PASS
n3	30	10	356000	12@6	DFT_QPSK	U-ACLR1+	45.30	32.2	PASS
n3	30	10	356000	12@6	DFT_QPSK	U-ACLR2+	56.62	35.2	PASS
n3	30	10	356000	1@23	DFT_QPSK	NR-ACLR1-	47.13	29.2	PASS
n3	30	10	356000	1@23	DFT_QPSK	NR-ACLR1+	51.07	29.2	PASS
n3	30	10	356000	1@23	DFT_QPSK	U-ACLR12-	48.01	35.2	PASS
n3	30	10	356000	1@23	DFT_QPSK	U-ACLR11-	55.83	32.2	PASS
n3	30	10	356000	1@23	DFT_QPSK	U-ACLR1+	54.37	32.2	PASS
n3	30	10	356000	1@23	DFT_QPSK	U-ACLR2+	58.92	35.2	PASS
n3	30	10	356000	24@0	DFT_QPSK	NR-ACLR1-	39.09	29.2	PASS
n3	30	10	356000	24@0	DFT_QPSK	NR-ACLR1+	41.13	29.2	PASS
n3	30	10	356000	24@0	DFT_QPSK	U-ACLR12-	46.91	35.2	PASS
n3	30	10	356000	24@0	DFT_QPSK	U-ACLR11-	40.93	32.2	PASS
n3	30	10	356000	24@0	DFT_QPSK	U-ACLR1+	42.76	32.2	PASS
n3	30	10	356000	24@0	DFT_QPSK	U-ACLR2+	49.97	35.2	PASS
n3	30	10	356000	12@6	DFT_QAM16	NR-ACLR1-	44.24	29.2	PASS
n3	30	10	356000	12@6	DFT_QAM16	NR-ACLR1+	45.47	29.2	PASS
n3	30	10	356000	12@6	DFT_QAM16	U-ACLR12-	54.91	35.2	PASS
n3	30	10	356000	12@6	DFT_QAM16	U-ACLR11-	46.04	32.2	PASS
n3	30	10	356000	12@6	DFT_QAM16	U-ACLR1+	47.14	32.2	PASS
n3	30	10	356000	12@6	DFT_QAM16	U-ACLR2+	56.82	35.2	PASS
n3	30	10	356000	1@23	DFT_QAM16	NR-ACLR1-	46.71	29.2	PASS
n3	30	10	356000	1@23	DFT_QAM16	NR-ACLR1+	51.36	29.2	PASS
n3	30	10	356000	1@23	DFT_QAM16	U-ACLR12-	47.70	35.2	PASS
n3	30	10	356000	1@23	DFT_QAM16	U-ACLR11-	54.92	32.2	PASS
n3	30	10	356000	1@23	DFT_QAM16	U-ACLR1+	54.39	32.2	PASS
n3	30	10	356000	1@23	DFT_QAM16	U-ACLR2+	58.11	35.2	PASS
n3	30	10	356000	24@0	DFT_QAM16	NR-ACLR1-	41.42	29.2	PASS
n3	30	10	356000	24@0	DFT_QAM16	NR-ACLR1+	43.51	29.2	PASS
n3	30	10	356000	24@0	DFT_QAM16	U-ACLR12-	49.16	35.2	PASS

n3	30	10	356000	24@0	DFT_QAM16	U-ACLR11-	43.30	32.2	PASS
n3	30	10	356000	24@0	DFT_QAM16	U-ACLR1+	45.21	32.2	PASS
n3	30	10	356000	24@0	DFT_QAM16	U-ACLR2+	52.04	35.2	PASS
n3	30	10	356000	1@23	DFT_QAM64	NR-ACLR1-	46.68	29.2	PASS
n3	30	10	356000	1@23	DFT_QAM64	NR-ACLR1+	50.75	29.2	PASS
n3	30	10	356000	1@23	DFT_QAM64	U-ACLR12-	47.65	35.2	PASS
n3	30	10	356000	1@23	DFT_QAM64	U-ACLR11-	55.03	32.2	PASS
n3	30	10	356000	1@23	DFT_QAM64	U-ACLR1+	54.09	32.2	PASS
n3	30	10	356000	1@23	DFT_QAM64	U-ACLR2+	58.05	35.2	PASS
n3	30	10	356000	24@0	DFT_QAM64	NR-ACLR1-	42.11	29.2	PASS
n3	30	10	356000	24@0	DFT_QAM64	NR-ACLR1+	44.35	29.2	PASS
n3	30	10	356000	24@0	DFT_QAM64	U-ACLR12-	49.74	35.2	PASS
n3	30	10	356000	24@0	DFT_QAM64	U-ACLR11-	44.00	32.2	PASS
n3	30	10	356000	24@0	DFT_QAM64	U-ACLR1+	46.08	32.2	PASS
n3	30	10	356000	24@0	DFT_QAM64	U-ACLR2+	52.75	35.2	PASS
n3	30	10	356000	1@23	DFT_QAM256	NR-ACLR1-	46.82	29.2	PASS
n3	30	10	356000	1@23	DFT_QAM256	NR-ACLR1+	50.78	29.2	PASS
n3	30	10	356000	1@23	DFT_QAM256	U-ACLR12-	47.83	35.2	PASS
n3	30	10	356000	1@23	DFT_QAM256	U-ACLR11-	54.98	32.2	PASS
n3	30	10	356000	1@23	DFT_QAM256	U-ACLR1+	54.12	32.2	PASS
n3	30	10	356000	1@23	DFT_QAM256	U-ACLR2+	58.03	35.2	PASS
n3	30	10	356000	24@0	DFT_QAM256	NR-ACLR1-	42.42	29.2	PASS
n3	30	10	356000	24@0	DFT_QAM256	NR-ACLR1+	44.56	29.2	PASS
n3	30	10	356000	24@0	DFT_QAM256	U-ACLR12-	49.77	35.2	PASS
n3	30	10	356000	24@0	DFT_QAM256	U-ACLR11-	44.39	32.2	PASS
n3	30	10	356000	24@0	DFT_QAM256	U-ACLR1+	46.40	32.2	PASS
n3	30	10	356000	24@0	DFT_QAM256	U-ACLR2+	52.55	35.2	PASS
n3	30	10	356000	12@6	CP_QPSK	NR-ACLR1-	37.93	29.2	PASS
n3	30	10	356000	12@6	CP_QPSK	NR-ACLR1+	39.56	29.2	PASS
n3	30	10	356000	12@6	CP_QPSK	U-ACLR12-	47.09	35.2	PASS
n3	30	10	356000	12@6	CP_QPSK	U-ACLR11-	39.47	32.2	PASS
n3	30	10	356000	12@6	CP_QPSK	U-ACLR1+	40.91	32.2	PASS
n3	30	10	356000	12@6	CP_QPSK	U-ACLR2+	49.84	35.2	PASS
n3	30	10	356000	1@23	CP_QPSK	NR-ACLR1-	46.99	29.2	PASS
n3	30	10	356000	1@23	CP_QPSK	NR-ACLR1+	50.06	29.2	PASS
n3	30	10	356000	1@23	CP_QPSK	U-ACLR12-	48.45	35.2	PASS
n3	30	10	356000	1@23	CP_QPSK	U-ACLR11-	53.73	32.2	PASS
n3	30	10	356000	1@23	CP_QPSK	U-ACLR1+	53.27	32.2	PASS
n3	30	10	356000	1@23	CP_QPSK	U-ACLR2+	57.25	35.2	PASS
n3	30	10	356000	24@0	CP_QPSK	NR-ACLR1-	37.73	29.2	PASS
n3	30	10	356000	24@0	CP_QPSK	NR-ACLR1+	39.47	29.2	PASS
n3	30	10	356000	24@0	CP_QPSK	U-ACLR12-	47.08	35.2	PASS
n3	30	10	356000	24@0	CP_QPSK	U-ACLR11-	39.24	32.2	PASS
n3	30	10	356000	24@0	CP_QPSK	U-ACLR1+	40.78	32.2	PASS

n3	30	10	356000	24@0	CP_QPSK	U-ACLR2+	50.04	35.2	PASS
n3	30	10	356000	12@6	CP_QAM16	NR-ACLR1-	43.60	29.2	PASS
n3	30	10	356000	12@6	CP_QAM16	NR-ACLR1+	44.94	29.2	PASS
n3	30	10	356000	12@6	CP_QAM16	U-ACLR12-	53.88	35.2	PASS
n3	30	10	356000	12@6	CP_QAM16	U-ACLR11-	45.41	32.2	PASS
n3	30	10	356000	12@6	CP_QAM16	U-ACLR1+	46.71	32.2	PASS
n3	30	10	356000	12@6	CP_QAM16	U-ACLR2+	55.68	35.2	PASS
n3	30	10	356000	1@23	CP_QAM16	NR-ACLR1-	47.03	29.2	PASS
n3	30	10	356000	1@23	CP_QAM16	NR-ACLR1+	50.04	29.2	PASS
n3	30	10	356000	1@23	CP_QAM16	U-ACLR12-	48.56	35.2	PASS
n3	30	10	356000	1@23	CP_QAM16	U-ACLR11-	53.64	32.2	PASS
n3	30	10	356000	1@23	CP_QAM16	U-ACLR1+	53.26	32.2	PASS
n3	30	10	356000	1@23	CP_QAM16	U-ACLR2+	57.23	35.2	PASS
n3	30	10	356000	24@0	CP_QAM16	NR-ACLR1-	37.99	29.2	PASS
n3	30	10	356000	24@0	CP_QAM16	NR-ACLR1+	39.69	29.2	PASS
n3	30	10	356000	24@0	CP_QAM16	U-ACLR12-	47.23	35.2	PASS
n3	30	10	356000	24@0	CP_QAM16	U-ACLR11-	39.48	32.2	PASS
n3	30	10	356000	24@0	CP_QAM16	U-ACLR1+	41.05	32.2	PASS
n3	30	10	356000	24@0	CP_QAM16	U-ACLR2+	50.10	35.2	PASS
n3	30	10	356000	1@23	CP_QAM64	NR-ACLR1-	46.62	29.2	PASS
n3	30	10	356000	1@23	CP_QAM64	NR-ACLR1+	50.80	29.2	PASS
n3	30	10	356000	1@23	CP_QAM64	U-ACLR12-	47.96	35.2	PASS
n3	30	10	356000	1@23	CP_QAM64	U-ACLR11-	53.68	32.2	PASS
n3	30	10	356000	1@23	CP_QAM64	U-ACLR1+	53.74	32.2	PASS
n3	30	10	356000	1@23	CP_QAM64	U-ACLR2+	57.18	35.2	PASS
n3	30	10	356000	24@0	CP_QAM64	NR-ACLR1-	39.82	29.2	PASS
n3	30	10	356000	24@0	CP_QAM64	NR-ACLR1+	41.19	29.2	PASS
n3	30	10	356000	24@0	CP_QAM64	U-ACLR12-	48.19	35.2	PASS
n3	30	10	356000	24@0	CP_QAM64	U-ACLR11-	41.48	32.2	PASS
n3	30	10	356000	24@0	CP_QAM64	U-ACLR1+	42.64	32.2	PASS
n3	30	10	356000	24@0	CP_QAM64	U-ACLR2+	50.94	35.2	PASS
n3	30	10	356000	1@23	CP_QAM256	NR-ACLR1-	46.60	29.2	PASS
n3	30	10	356000	1@23	CP_QAM256	NR-ACLR1+	50.76	29.2	PASS
n3	30	10	356000	1@23	CP_QAM256	U-ACLR12-	47.92	35.2	PASS
n3	30	10	356000	1@23	CP_QAM256	U-ACLR11-	53.75	32.2	PASS
n3	30	10	356000	1@23	CP_QAM256	U-ACLR1+	53.71	32.2	PASS
n3	30	10	356000	1@23	CP_QAM256	U-ACLR2+	57.15	35.2	PASS
n3	30	10	356000	24@0	CP_QAM256	NR-ACLR1-	40.62	29.2	PASS
n3	30	10	356000	24@0	CP_QAM256	NR-ACLR1+	41.94	29.2	PASS
n3	30	10	356000	24@0	CP_QAM256	U-ACLR12-	48.35	35.2	PASS
n3	30	10	356000	24@0	CP_QAM256	U-ACLR11-	42.46	32.2	PASS
n3	30	10	356000	24@0	CP_QAM256	U-ACLR1+	43.51	32.2	PASS
n3	30	10	356000	24@0	CP_QAM256	U-ACLR2+	50.90	35.2	PASS
n3	30	30	345000	36@18	DFT_BPSK	NR-ACLR1-	46.50	29.2	PASS

n3	30	30	345000	36@18	DFT_BPSK	NR-ACLR1+	47.02	29.2	PASS
n3	30	30	345000	36@18	DFT_BPSK	U-ACLR12-	54.19	35.2	PASS
n3	30	30	345000	36@18	DFT_BPSK	U-ACLR11-	50.61	32.2	PASS
n3	30	30	345000	36@18	DFT_BPSK	U-ACLR1+	51.48	32.2	PASS
n3	30	30	345000	36@18	DFT_BPSK	U-ACLR2+	54.56	35.2	PASS
n3	30	30	345000	1@0	DFT_BPSK	NR-ACLR1-	47.45	29.2	PASS
n3	30	30	345000	1@0	DFT_BPSK	NR-ACLR1+	46.50	29.2	PASS
n3	30	30	345000	1@0	DFT_BPSK	U-ACLR12-	56.34	35.2	PASS
n3	30	30	345000	1@0	DFT_BPSK	U-ACLR11-	50.80	32.2	PASS
n3	30	30	345000	1@0	DFT_BPSK	U-ACLR1+	56.76	32.2	PASS
n3	30	30	345000	1@0	DFT_BPSK	U-ACLR2+	57.45	35.2	PASS
n3	30	30	345000	75@0	DFT_BPSK	NR-ACLR1-	42.67	29.2	PASS
n3	30	30	345000	75@0	DFT_BPSK	NR-ACLR1+	41.80	29.2	PASS
n3	30	30	345000	75@0	DFT_BPSK	U-ACLR12-	49.51	35.2	PASS
n3	30	30	345000	75@0	DFT_BPSK	U-ACLR11-	48.26	32.2	PASS
n3	30	30	345000	75@0	DFT_BPSK	U-ACLR1+	47.88	32.2	PASS
n3	30	30	345000	75@0	DFT_BPSK	U-ACLR2+	48.89	35.2	PASS
n3	30	30	345000	36@18	DFT_QPSK	NR-ACLR1-	46.49	29.2	PASS
n3	30	30	345000	36@18	DFT_QPSK	NR-ACLR1+	46.96	29.2	PASS
n3	30	30	345000	36@18	DFT_QPSK	U-ACLR12-	54.13	35.2	PASS
n3	30	30	345000	36@18	DFT_QPSK	U-ACLR11-	50.61	32.2	PASS
n3	30	30	345000	36@18	DFT_QPSK	U-ACLR1+	51.38	32.2	PASS
n3	30	30	345000	36@18	DFT_QPSK	U-ACLR2+	54.47	35.2	PASS
n3	30	30	345000	1@0	DFT_QPSK	NR-ACLR1-	47.39	29.2	PASS
n3	30	30	345000	1@0	DFT_QPSK	NR-ACLR1+	46.67	29.2	PASS
n3	30	30	345000	1@0	DFT_QPSK	U-ACLR12-	56.36	35.2	PASS
n3	30	30	345000	1@0	DFT_QPSK	U-ACLR11-	50.68	32.2	PASS
n3	30	30	345000	1@0	DFT_QPSK	U-ACLR1+	56.74	32.2	PASS
n3	30	30	345000	1@0	DFT_QPSK	U-ACLR2+	57.47	35.2	PASS
n3	30	30	345000	75@0	DFT_QPSK	NR-ACLR1-	42.60	29.2	PASS
n3	30	30	345000	75@0	DFT_QPSK	NR-ACLR1+	41.68	29.2	PASS
n3	30	30	345000	75@0	DFT_QPSK	U-ACLR12-	49.47	35.2	PASS
n3	30	30	345000	75@0	DFT_QPSK	U-ACLR11-	48.12	32.2	PASS
n3	30	30	345000	75@0	DFT_QPSK	U-ACLR1+	47.72	32.2	PASS
n3	30	30	345000	75@0	DFT_QPSK	U-ACLR2+	48.70	35.2	PASS
n3	30	30	345000	36@18	DFT_QAM16	NR-ACLR1-	46.47	29.2	PASS
n3	30	30	345000	36@18	DFT_QAM16	NR-ACLR1+	46.99	29.2	PASS
n3	30	30	345000	36@18	DFT_QAM16	U-ACLR12-	54.17	35.2	PASS
n3	30	30	345000	36@18	DFT_QAM16	U-ACLR11-	50.56	32.2	PASS
n3	30	30	345000	36@18	DFT_QAM16	U-ACLR1+	51.45	32.2	PASS
n3	30	30	345000	36@18	DFT_QAM16	U-ACLR2+	54.49	35.2	PASS
n3	30	30	345000	1@0	DFT_QAM16	NR-ACLR1-	47.38	29.2	PASS
n3	30	30	345000	1@0	DFT_QAM16	NR-ACLR1+	46.61	29.2	PASS
n3	30	30	345000	1@0	DFT_QAM16	U-ACLR12-	56.33	35.2	PASS

n3	30	30	345000	1@0	DFT_QAM16	U-ACLR11-	50.69	32.2	PASS
n3	30	30	345000	1@0	DFT_QAM16	U-ACLR1+	56.71	32.2	PASS
n3	30	30	345000	1@0	DFT_QAM16	U-ACLR2+	57.45	35.2	PASS
n3	30	30	345000	75@0	DFT_QAM16	NR-ACLR1-	42.54	29.2	PASS
n3	30	30	345000	75@0	DFT_QAM16	NR-ACLR1+	41.64	29.2	PASS
n3	30	30	345000	75@0	DFT_QAM16	U-ACLR12-	49.36	35.2	PASS
n3	30	30	345000	75@0	DFT_QAM16	U-ACLR11-	48.06	32.2	PASS
n3	30	30	345000	75@0	DFT_QAM16	U-ACLR1+	47.62	32.2	PASS
n3	30	30	345000	75@0	DFT_QAM16	U-ACLR2+	48.62	35.2	PASS
n3	30	30	345000	1@0	DFT_QAM64	NR-ACLR1-	47.47	29.2	PASS
n3	30	30	345000	1@0	DFT_QAM64	NR-ACLR1+	46.54	29.2	PASS
n3	30	30	345000	1@0	DFT_QAM64	U-ACLR12-	56.46	35.2	PASS
n3	30	30	345000	1@0	DFT_QAM64	U-ACLR11-	50.79	32.2	PASS
n3	30	30	345000	1@0	DFT_QAM64	U-ACLR1+	56.91	32.2	PASS
n3	30	30	345000	1@0	DFT_QAM64	U-ACLR2+	57.67	35.2	PASS
n3	30	30	345000	75@0	DFT_QAM64	NR-ACLR1-	42.73	29.2	PASS
n3	30	30	345000	75@0	DFT_QAM64	NR-ACLR1+	41.80	29.2	PASS
n3	30	30	345000	75@0	DFT_QAM64	U-ACLR12-	49.55	35.2	PASS
n3	30	30	345000	75@0	DFT_QAM64	U-ACLR11-	48.34	32.2	PASS
n3	30	30	345000	75@0	DFT_QAM64	U-ACLR1+	47.89	32.2	PASS
n3	30	30	345000	75@0	DFT_QAM64	U-ACLR2+	48.81	35.2	PASS
n3	30	30	345000	1@0	DFT_QAM256	NR-ACLR1-	47.34	29.2	PASS
n3	30	30	345000	1@0	DFT_QAM256	NR-ACLR1+	46.84	29.2	PASS
n3	30	30	345000	1@0	DFT_QAM256	U-ACLR12-	56.32	35.2	PASS
n3	30	30	345000	1@0	DFT_QAM256	U-ACLR11-	50.64	32.2	PASS
n3	30	30	345000	1@0	DFT_QAM256	U-ACLR1+	56.68	32.2	PASS
n3	30	30	345000	1@0	DFT_QAM256	U-ACLR2+	57.38	35.2	PASS
n3	30	30	345000	75@0	DFT_QAM256	NR-ACLR1-	42.65	29.2	PASS
n3	30	30	345000	75@0	DFT_QAM256	NR-ACLR1+	41.76	29.2	PASS
n3	30	30	345000	75@0	DFT_QAM256	U-ACLR12-	49.53	35.2	PASS
n3	30	30	345000	75@0	DFT_QAM256	U-ACLR11-	48.18	32.2	PASS
n3	30	30	345000	75@0	DFT_QAM256	U-ACLR1+	47.77	32.2	PASS
n3	30	30	345000	75@0	DFT_QAM256	U-ACLR2+	48.79	35.2	PASS
n3	30	30	345000	39@19	CP_QPSK	NR-ACLR1-	40.47	29.2	PASS
n3	30	30	345000	39@19	CP_QPSK	NR-ACLR1+	39.42	29.2	PASS
n3	30	30	345000	39@19	CP_QPSK	U-ACLR12-	47.08	35.2	PASS
n3	30	30	345000	39@19	CP_QPSK	U-ACLR11-	45.46	32.2	PASS
n3	30	30	345000	39@19	CP_QPSK	U-ACLR1+	44.75	32.2	PASS
n3	30	30	345000	39@19	CP_QPSK	U-ACLR2+	46.13	35.2	PASS
n3	30	30	345000	1@0	CP_QPSK	NR-ACLR1-	47.24	29.2	PASS
n3	30	30	345000	1@0	CP_QPSK	NR-ACLR1+	46.93	29.2	PASS
n3	30	30	345000	1@0	CP_QPSK	U-ACLR12-	56.56	35.2	PASS
n3	30	30	345000	1@0	CP_QPSK	U-ACLR11-	49.83	32.2	PASS
n3	30	30	345000	1@0	CP_QPSK	U-ACLR1+	56.86	32.2	PASS

n3	30	30	345000	1@0	CP_QPSK	U-ACLR2+	57.65	35.2	PASS
n3	30	30	345000	78@0	CP_QPSK	NR-ACLR1-	47.21	29.2	PASS
n3	30	30	345000	78@0	CP_QPSK	NR-ACLR1+	46.93	29.2	PASS
n3	30	30	345000	78@0	CP_QPSK	U-ACLR12-	56.48	35.2	PASS
n3	30	30	345000	78@0	CP_QPSK	U-ACLR11-	49.81	32.2	PASS
n3	30	30	345000	78@0	CP_QPSK	U-ACLR1+	56.87	32.2	PASS
n3	30	30	345000	78@0	CP_QPSK	U-ACLR2+	57.57	35.2	PASS
n3	30	30	345000	39@19	CP_QAM16	NR-ACLR1-	49.90	29.2	PASS
n3	30	30	345000	39@19	CP_QAM16	NR-ACLR1+	48.08	29.2	PASS
n3	30	30	345000	39@19	CP_QAM16	U-ACLR12-	57.51	35.2	PASS
n3	30	30	345000	39@19	CP_QAM16	U-ACLR11-	56.60	32.2	PASS
n3	30	30	345000	39@19	CP_QAM16	U-ACLR1+	58.01	32.2	PASS
n3	30	30	345000	39@19	CP_QAM16	U-ACLR2+	50.90	35.2	PASS
n3	30	30	345000	1@0	CP_QAM16	NR-ACLR1-	47.67	29.2	PASS
n3	30	30	345000	1@0	CP_QAM16	NR-ACLR1+	47.05	29.2	PASS
n3	30	30	345000	1@0	CP_QAM16	U-ACLR12-	56.31	35.2	PASS
n3	30	30	345000	1@0	CP_QAM16	U-ACLR11-	51.65	32.2	PASS
n3	30	30	345000	1@0	CP_QAM16	U-ACLR1+	56.65	32.2	PASS
n3	30	30	345000	1@0	CP_QAM16	U-ACLR2+	57.39	35.2	PASS
n3	30	30	345000	78@0	CP_QAM16	NR-ACLR1-	47.71	29.2	PASS
n3	30	30	345000	78@0	CP_QAM16	NR-ACLR1+	47.00	29.2	PASS
n3	30	30	345000	78@0	CP_QAM16	U-ACLR12-	56.34	35.2	PASS
n3	30	30	345000	78@0	CP_QAM16	U-ACLR11-	51.74	32.2	PASS
n3	30	30	345000	78@0	CP_QAM16	U-ACLR1+	56.64	32.2	PASS
n3	30	30	345000	78@0	CP_QAM16	U-ACLR2+	57.40	35.2	PASS
n3	30	30	345000	1@0	CP_QAM64	NR-ACLR1-	47.39	29.2	PASS
n3	30	30	345000	1@0	CP_QAM64	NR-ACLR1+	47.22	29.2	PASS
n3	30	30	345000	1@0	CP_QAM64	U-ACLR12-	56.31	35.2	PASS
n3	30	30	345000	1@0	CP_QAM64	U-ACLR11-	50.72	32.2	PASS
n3	30	30	345000	1@0	CP_QAM64	U-ACLR1+	56.68	32.2	PASS
n3	30	30	345000	1@0	CP_QAM64	U-ACLR2+	57.34	35.2	PASS
n3	30	30	345000	78@0	CP_QAM64	NR-ACLR1-	47.36	29.2	PASS
n3	30	30	345000	78@0	CP_QAM64	NR-ACLR1+	47.16	29.2	PASS
n3	30	30	345000	78@0	CP_QAM64	U-ACLR12-	56.31	35.2	PASS
n3	30	30	345000	78@0	CP_QAM64	U-ACLR11-	50.72	32.2	PASS
n3	30	30	345000	78@0	CP_QAM64	U-ACLR1+	56.69	32.2	PASS
n3	30	30	345000	78@0	CP_QAM64	U-ACLR2+	57.38	35.2	PASS
n3	30	30	345000	1@0	CP_QAM256	NR-ACLR1-	47.37	29.2	PASS
n3	30	30	345000	1@0	CP_QAM256	NR-ACLR1+	47.19	29.2	PASS
n3	30	30	345000	1@0	CP_QAM256	U-ACLR12-	56.30	35.2	PASS
n3	30	30	345000	1@0	CP_QAM256	U-ACLR11-	50.68	32.2	PASS
n3	30	30	345000	1@0	CP_QAM256	U-ACLR1+	56.70	32.2	PASS
n3	30	30	345000	1@0	CP_QAM256	U-ACLR2+	57.37	35.2	PASS
n3	30	30	345000	78@0	CP_QAM256	NR-ACLR1-	47.35	29.2	PASS

n3	30	30	345000	78@0	CP_QAM256	NR-ACLR1+	46.74	29.2	PASS
n3	30	30	345000	78@0	CP_QAM256	U-ACLR12-	56.35	35.2	PASS
n3	30	30	345000	78@0	CP_QAM256	U-ACLR11-	50.64	32.2	PASS
n3	30	30	345000	78@0	CP_QAM256	U-ACLR1+	56.75	32.2	PASS
n3	30	30	345000	78@0	CP_QAM256	U-ACLR2+	57.45	35.2	PASS
n3	30	30	354000	36@18	DFT_BPSK	NR-ACLR1-	45.91	29.2	PASS
n3	30	30	354000	36@18	DFT_BPSK	NR-ACLR1+	50.46	29.2	PASS
n3	30	30	354000	36@18	DFT_BPSK	U-ACLR12-	53.51	35.2	PASS
n3	30	30	354000	36@18	DFT_BPSK	U-ACLR11-	49.31	32.2	PASS
n3	30	30	354000	36@18	DFT_BPSK	U-ACLR1+	53.16	32.2	PASS
n3	30	30	354000	36@18	DFT_BPSK	U-ACLR2+	57.80	35.2	PASS
n3	30	30	354000	1@77	DFT_BPSK	NR-ACLR1-	47.41	29.2	PASS
n3	30	30	354000	1@77	DFT_BPSK	NR-ACLR1+	50.40	29.2	PASS
n3	30	30	354000	1@77	DFT_BPSK	U-ACLR12-	58.56	35.2	PASS
n3	30	30	354000	1@77	DFT_BPSK	U-ACLR11-	57.19	32.2	PASS
n3	30	30	354000	1@77	DFT_BPSK	U-ACLR1+	52.65	32.2	PASS
n3	30	30	354000	1@77	DFT_BPSK	U-ACLR2+	58.59	35.2	PASS
n3	30	30	354000	75@0	DFT_BPSK	NR-ACLR1-	40.82	29.2	PASS
n3	30	30	354000	75@0	DFT_BPSK	NR-ACLR1+	45.98	29.2	PASS
n3	30	30	354000	75@0	DFT_BPSK	U-ACLR12-	47.87	35.2	PASS
n3	30	30	354000	75@0	DFT_BPSK	U-ACLR11-	45.99	32.2	PASS
n3	30	30	354000	75@0	DFT_BPSK	U-ACLR1+	49.36	32.2	PASS
n3	30	30	354000	75@0	DFT_BPSK	U-ACLR2+	51.80	35.2	PASS
n3	30	30	354000	36@18	DFT_QPSK	NR-ACLR1-	45.89	29.2	PASS
n3	30	30	354000	36@18	DFT_QPSK	NR-ACLR1+	50.42	29.2	PASS
n3	30	30	354000	36@18	DFT_QPSK	U-ACLR12-	53.45	35.2	PASS
n3	30	30	354000	36@18	DFT_QPSK	U-ACLR11-	49.29	32.2	PASS
n3	30	30	354000	36@18	DFT_QPSK	U-ACLR1+	53.12	32.2	PASS
n3	30	30	354000	36@18	DFT_QPSK	U-ACLR2+	57.78	35.2	PASS
n3	30	30	354000	1@77	DFT_QPSK	NR-ACLR1-	46.22	29.2	PASS
n3	30	30	354000	1@77	DFT_QPSK	NR-ACLR1+	48.72	29.2	PASS
n3	30	30	354000	1@77	DFT_QPSK	U-ACLR12-	56.84	35.2	PASS
n3	30	30	354000	1@77	DFT_QPSK	U-ACLR11-	55.84	32.2	PASS
n3	30	30	354000	1@77	DFT_QPSK	U-ACLR1+	52.20	32.2	PASS
n3	30	30	354000	1@77	DFT_QPSK	U-ACLR2+	57.07	35.2	PASS
n3	30	30	354000	75@0	DFT_QPSK	NR-ACLR1-	40.75	29.2	PASS
n3	30	30	354000	75@0	DFT_QPSK	NR-ACLR1+	45.54	29.2	PASS
n3	30	30	354000	75@0	DFT_QPSK	U-ACLR12-	47.92	35.2	PASS
n3	30	30	354000	75@0	DFT_QPSK	U-ACLR11-	46.12	32.2	PASS
n3	30	30	354000	75@0	DFT_QPSK	U-ACLR1+	49.40	32.2	PASS
n3	30	30	354000	75@0	DFT_QPSK	U-ACLR2+	51.70	35.2	PASS
n3	30	30	354000	36@18	DFT_QAM16	NR-ACLR1-	45.03	29.2	PASS
n3	30	30	354000	36@18	DFT_QAM16	NR-ACLR1+	48.87	29.2	PASS
n3	30	30	354000	36@18	DFT_QAM16	U-ACLR12-	52.74	35.2	PASS

n3	30	30	354000	36@18	DFT_QAM16	U-ACLR11-	48.94	32.2	PASS
n3	30	30	354000	36@18	DFT_QAM16	U-ACLR1+	52.70	32.2	PASS
n3	30	30	354000	36@18	DFT_QAM16	U-ACLR2+	56.59	35.2	PASS
n3	30	30	354000	1@77	DFT_QAM16	NR-ACLR1-	46.24	29.2	PASS
n3	30	30	354000	1@77	DFT_QAM16	NR-ACLR1+	48.75	29.2	PASS
n3	30	30	354000	1@77	DFT_QAM16	U-ACLR12-	56.86	35.2	PASS
n3	30	30	354000	1@77	DFT_QAM16	U-ACLR11-	55.90	32.2	PASS
n3	30	30	354000	1@77	DFT_QAM16	U-ACLR1+	52.17	32.2	PASS
n3	30	30	354000	1@77	DFT_QAM16	U-ACLR2+	57.12	35.2	PASS
n3	30	30	354000	75@0	DFT_QAM16	NR-ACLR1-	40.51	29.2	PASS
n3	30	30	354000	75@0	DFT_QAM16	NR-ACLR1+	45.38	29.2	PASS
n3	30	30	354000	75@0	DFT_QAM16	U-ACLR12-	47.60	35.2	PASS
n3	30	30	354000	75@0	DFT_QAM16	U-ACLR11-	45.76	32.2	PASS
n3	30	30	354000	75@0	DFT_QAM16	U-ACLR1+	49.14	32.2	PASS
n3	30	30	354000	75@0	DFT_QAM16	U-ACLR2+	51.51	35.2	PASS
n3	30	30	354000	1@77	DFT_QAM64	NR-ACLR1-	46.28	29.2	PASS
n3	30	30	354000	1@77	DFT_QAM64	NR-ACLR1+	48.66	29.2	PASS
n3	30	30	354000	1@77	DFT_QAM64	U-ACLR12-	56.92	35.2	PASS
n3	30	30	354000	1@77	DFT_QAM64	U-ACLR11-	55.87	32.2	PASS
n3	30	30	354000	1@77	DFT_QAM64	U-ACLR1+	51.96	32.2	PASS
n3	30	30	354000	1@77	DFT_QAM64	U-ACLR2+	57.15	35.2	PASS
n3	30	30	354000	75@0	DFT_QAM64	NR-ACLR1-	40.80	29.2	PASS
n3	30	30	354000	75@0	DFT_QAM64	NR-ACLR1+	45.53	29.2	PASS
n3	30	30	354000	75@0	DFT_QAM64	U-ACLR12-	48.00	35.2	PASS
n3	30	30	354000	75@0	DFT_QAM64	U-ACLR11-	46.24	32.2	PASS
n3	30	30	354000	75@0	DFT_QAM64	U-ACLR1+	49.40	32.2	PASS
n3	30	30	354000	75@0	DFT_QAM64	U-ACLR2+	51.65	35.2	PASS
n3	30	30	354000	1@77	DFT_QAM256	NR-ACLR1-	46.22	29.2	PASS
n3	30	30	354000	1@77	DFT_QAM256	NR-ACLR1+	48.73	29.2	PASS
n3	30	30	354000	1@77	DFT_QAM256	U-ACLR12-	56.85	35.2	PASS
n3	30	30	354000	1@77	DFT_QAM256	U-ACLR11-	55.94	32.2	PASS
n3	30	30	354000	1@77	DFT_QAM256	U-ACLR1+	52.22	32.2	PASS
n3	30	30	354000	1@77	DFT_QAM256	U-ACLR2+	57.15	35.2	PASS
n3	30	30	354000	75@0	DFT_QAM256	NR-ACLR1-	40.51	29.2	PASS
n3	30	30	354000	75@0	DFT_QAM256	NR-ACLR1+	45.34	29.2	PASS
n3	30	30	354000	75@0	DFT_QAM256	U-ACLR12-	47.60	35.2	PASS
n3	30	30	354000	75@0	DFT_QAM256	U-ACLR11-	45.81	32.2	PASS
n3	30	30	354000	75@0	DFT_QAM256	U-ACLR1+	49.13	32.2	PASS
n3	30	30	354000	75@0	DFT_QAM256	U-ACLR2+	51.45	35.2	PASS
n3	30	30	354000	39@19	CP_QPSK	NR-ACLR1-	37.95	29.2	PASS
n3	30	30	354000	39@19	CP_QPSK	NR-ACLR1+	43.01	29.2	PASS
n3	30	30	354000	39@19	CP_QPSK	U-ACLR12-	44.73	35.2	PASS
n3	30	30	354000	39@19	CP_QPSK	U-ACLR11-	42.72	32.2	PASS
n3	30	30	354000	39@19	CP_QPSK	U-ACLR1+	46.15	32.2	PASS

n3	30	30	354000	39@19	CP_QPSK	U-ACLR2+	49.15	35.2	PASS
n3	30	30	354000	1@77	CP_QPSK	NR-ACLR1-	46.65	29.2	PASS
n3	30	30	354000	1@77	CP_QPSK	NR-ACLR1+	48.09	29.2	PASS
n3	30	30	354000	1@77	CP_QPSK	U-ACLR12-	56.75	35.2	PASS
n3	30	30	354000	1@77	CP_QPSK	U-ACLR11-	55.75	32.2	PASS
n3	30	30	354000	1@77	CP_QPSK	U-ACLR1+	50.14	32.2	PASS
n3	30	30	354000	1@77	CP_QPSK	U-ACLR2+	57.25	35.2	PASS
n3	30	30	354000	78@0	CP_QPSK	NR-ACLR1-	47.01	29.2	PASS
n3	30	30	354000	78@0	CP_QPSK	NR-ACLR1+	51.74	29.2	PASS
n3	30	30	354000	78@0	CP_QPSK	U-ACLR12-	56.32	35.2	PASS
n3	30	30	354000	78@0	CP_QPSK	U-ACLR11-	49.90	32.2	PASS
n3	30	30	354000	78@0	CP_QPSK	U-ACLR1+	58.70	32.2	PASS
n3	30	30	354000	78@0	CP_QPSK	U-ACLR2+	59.70	35.2	PASS
n3	30	30	354000	39@19	CP_QAM16	NR-ACLR1-	48.83	29.2	PASS
n3	30	30	354000	39@19	CP_QAM16	NR-ACLR1+	50.78	29.2	PASS
n3	30	30	354000	39@19	CP_QAM16	U-ACLR12-	56.83	35.2	PASS
n3	30	30	354000	39@19	CP_QAM16	U-ACLR11-	55.76	32.2	PASS
n3	30	30	354000	39@19	CP_QAM16	U-ACLR1+	59.09	32.2	PASS
n3	30	30	354000	39@19	CP_QAM16	U-ACLR2+	54.43	35.2	PASS
n3	30	30	354000	1@77	CP_QAM16	NR-ACLR1-	46.69	29.2	PASS
n3	30	30	354000	1@77	CP_QAM16	NR-ACLR1+	47.86	29.2	PASS
n3	30	30	354000	1@77	CP_QAM16	U-ACLR12-	56.63	35.2	PASS
n3	30	30	354000	1@77	CP_QAM16	U-ACLR11-	55.69	32.2	PASS
n3	30	30	354000	1@77	CP_QAM16	U-ACLR1+	49.66	32.2	PASS
n3	30	30	354000	1@77	CP_QAM16	U-ACLR2+	57.13	35.2	PASS
n3	30	30	354000	78@0	CP_QAM16	NR-ACLR1-	46.71	29.2	PASS
n3	30	30	354000	78@0	CP_QAM16	NR-ACLR1+	51.61	29.2	PASS
n3	30	30	354000	78@0	CP_QAM16	U-ACLR12-	56.18	35.2	PASS
n3	30	30	354000	78@0	CP_QAM16	U-ACLR11-	49.24	32.2	PASS
n3	30	30	354000	78@0	CP_QAM16	U-ACLR1+	58.55	32.2	PASS
n3	30	30	354000	78@0	CP_QAM16	U-ACLR2+	59.60	35.2	PASS
n3	30	30	354000	1@77	CP_QAM64	NR-ACLR1-	46.03	29.2	PASS
n3	30	30	354000	1@77	CP_QAM64	NR-ACLR1+	48.78	29.2	PASS
n3	30	30	354000	1@77	CP_QAM64	U-ACLR12-	56.77	35.2	PASS
n3	30	30	354000	1@77	CP_QAM64	U-ACLR11-	55.85	32.2	PASS
n3	30	30	354000	1@77	CP_QAM64	U-ACLR1+	52.20	32.2	PASS
n3	30	30	354000	1@77	CP_QAM64	U-ACLR2+	57.18	35.2	PASS
n3	30	30	354000	78@0	CP_QAM64	NR-ACLR1-	47.29	29.2	PASS
n3	30	30	354000	78@0	CP_QAM64	NR-ACLR1+	51.45	29.2	PASS
n3	30	30	354000	78@0	CP_QAM64	U-ACLR12-	56.13	35.2	PASS
n3	30	30	354000	78@0	CP_QAM64	U-ACLR11-	51.18	32.2	PASS
n3	30	30	354000	78@0	CP_QAM64	U-ACLR1+	58.52	32.2	PASS
n3	30	30	354000	78@0	CP_QAM64	U-ACLR2+	59.45	35.2	PASS
n3	30	30	354000	1@77	CP_QAM256	NR-ACLR1-	41.96	29.2	PASS

n3	30	30	354000	1@77	CP_QAM256	NR-ACLR1+	45.36	29.2	PASS
n3	30	30	354000	1@77	CP_QAM256	U-ACLR12-	51.35	35.2	PASS
n3	30	30	354000	1@77	CP_QAM256	U-ACLR11-	45.80	32.2	PASS
n3	30	30	354000	1@77	CP_QAM256	U-ACLR1+	53.59	32.2	PASS
n3	30	30	354000	1@77	CP_QAM256	U-ACLR2+	53.91	35.2	PASS
n3	30	30	354000	78@0	CP_QAM256	NR-ACLR1-	41.94	29.2	PASS
n3	30	30	354000	78@0	CP_QAM256	NR-ACLR1+	45.31	29.2	PASS
n3	30	30	354000	78@0	CP_QAM256	U-ACLR12-	51.25	35.2	PASS
n3	30	30	354000	78@0	CP_QAM256	U-ACLR11-	45.79	32.2	PASS
n3	30	30	354000	78@0	CP_QAM256	U-ACLR1+	53.54	32.2	PASS
n3	30	30	354000	78@0	CP_QAM256	U-ACLR2+	53.89	35.2	PASS
n38	30	10	515000	12@6	DFT_BPSK	NR-ACLR1-	45.95	29.2	PASS
n38	30	10	515000	12@6	DFT_BPSK	NR-ACLR1+	45.59	29.2	PASS
n38	30	10	515000	12@6	DFT_BPSK	U-ACLR12-	54.67	35.2	PASS
n38	30	10	515000	12@6	DFT_BPSK	U-ACLR11-	47.94	32.2	PASS
n38	30	10	515000	12@6	DFT_BPSK	U-ACLR1+	47.71	32.2	PASS
n38	30	10	515000	12@6	DFT_BPSK	U-ACLR2+	54.24	35.2	PASS
n38	30	10	515000	1@0	DFT_BPSK	NR-ACLR1-	51.29	29.2	PASS
n38	30	10	515000	1@0	DFT_BPSK	NR-ACLR1+	54.33	29.2	PASS
n38	30	10	515000	1@0	DFT_BPSK	U-ACLR12-	59.04	35.2	PASS
n38	30	10	515000	1@0	DFT_BPSK	U-ACLR11-	54.47	32.2	PASS
n38	30	10	515000	1@0	DFT_BPSK	U-ACLR1+	57.06	32.2	PASS
n38	30	10	515000	1@0	DFT_BPSK	U-ACLR2+	59.69	35.2	PASS
n38	30	10	515000	24@0	DFT_BPSK	NR-ACLR1-	46.00	29.2	PASS
n38	30	10	515000	24@0	DFT_BPSK	NR-ACLR1+	45.54	29.2	PASS
n38	30	10	515000	24@0	DFT_BPSK	U-ACLR12-	54.57	35.2	PASS
n38	30	10	515000	24@0	DFT_BPSK	U-ACLR11-	48.00	32.2	PASS
n38	30	10	515000	24@0	DFT_BPSK	U-ACLR1+	47.66	32.2	PASS
n38	30	10	515000	24@0	DFT_BPSK	U-ACLR2+	54.11	35.2	PASS
n38	30	10	515000	12@6	DFT_QPSK	NR-ACLR1-	48.56	29.2	PASS
n38	30	10	515000	12@6	DFT_QPSK	NR-ACLR1+	48.16	29.2	PASS
n38	30	10	515000	12@6	DFT_QPSK	U-ACLR12-	57.55	35.2	PASS
n38	30	10	515000	12@6	DFT_QPSK	U-ACLR11-	50.35	32.2	PASS
n38	30	10	515000	12@6	DFT_QPSK	U-ACLR1+	49.80	32.2	PASS
n38	30	10	515000	12@6	DFT_QPSK	U-ACLR2+	57.64	35.2	PASS
n38	30	10	515000	1@0	DFT_QPSK	NR-ACLR1-	50.59	29.2	PASS
n38	30	10	515000	1@0	DFT_QPSK	NR-ACLR1+	53.78	29.2	PASS
n38	30	10	515000	1@0	DFT_QPSK	U-ACLR12-	58.67	35.2	PASS
n38	30	10	515000	1@0	DFT_QPSK	U-ACLR11-	53.79	32.2	PASS
n38	30	10	515000	1@0	DFT_QPSK	U-ACLR1+	56.58	32.2	PASS
n38	30	10	515000	1@0	DFT_QPSK	U-ACLR2+	59.06	35.2	PASS
n38	30	10	515000	24@0	DFT_QPSK	NR-ACLR1-	43.79	29.2	PASS
n38	30	10	515000	24@0	DFT_QPSK	NR-ACLR1+	43.30	29.2	PASS
n38	30	10	515000	24@0	DFT_QPSK	U-ACLR12-	52.02	35.2	PASS

n38	30	10	515000	24@0	DFT_QPSK	U-ACLR11-	45.68	32.2	PASS
n38	30	10	515000	24@0	DFT_QPSK	U-ACLR1+	45.28	32.2	PASS
n38	30	10	515000	24@0	DFT_QPSK	U-ACLR2+	51.45	35.2	PASS
n38	30	10	515000	12@6	DFT_QAM16	NR-ACLR1-	48.38	29.2	PASS
n38	30	10	515000	12@6	DFT_QAM16	NR-ACLR1+	48.10	29.2	PASS
n38	30	10	515000	12@6	DFT_QAM16	U-ACLR12-	57.24	35.2	PASS
n38	30	10	515000	12@6	DFT_QAM16	U-ACLR11-	50.15	32.2	PASS
n38	30	10	515000	12@6	DFT_QAM16	U-ACLR1+	49.69	32.2	PASS
n38	30	10	515000	12@6	DFT_QAM16	U-ACLR2+	57.27	35.2	PASS
n38	30	10	515000	1@0	DFT_QAM16	NR-ACLR1-	50.68	29.2	PASS
n38	30	10	515000	1@0	DFT_QAM16	NR-ACLR1+	53.15	29.2	PASS
n38	30	10	515000	1@0	DFT_QAM16	U-ACLR12-	58.25	35.2	PASS
n38	30	10	515000	1@0	DFT_QAM16	U-ACLR11-	53.79	32.2	PASS
n38	30	10	515000	1@0	DFT_QAM16	U-ACLR1+	56.07	32.2	PASS
n38	30	10	515000	1@0	DFT_QAM16	U-ACLR2+	58.21	35.2	PASS
n38	30	10	515000	24@0	DFT_QAM16	NR-ACLR1-	43.39	29.2	PASS
n38	30	10	515000	24@0	DFT_QAM16	NR-ACLR1+	42.96	29.2	PASS
n38	30	10	515000	24@0	DFT_QAM16	U-ACLR12-	52.50	35.2	PASS
n38	30	10	515000	24@0	DFT_QAM16	U-ACLR11-	45.01	32.2	PASS
n38	30	10	515000	24@0	DFT_QAM16	U-ACLR1+	44.69	32.2	PASS
n38	30	10	515000	24@0	DFT_QAM16	U-ACLR2+	51.79	35.2	PASS
n38	30	10	515000	1@0	DFT_QAM64	NR-ACLR1-	50.56	29.2	PASS
n38	30	10	515000	1@0	DFT_QAM64	NR-ACLR1+	53.00	29.2	PASS
n38	30	10	515000	1@0	DFT_QAM64	U-ACLR12-	58.06	35.2	PASS
n38	30	10	515000	1@0	DFT_QAM64	U-ACLR11-	53.58	32.2	PASS
n38	30	10	515000	1@0	DFT_QAM64	U-ACLR1+	55.89	32.2	PASS
n38	30	10	515000	1@0	DFT_QAM64	U-ACLR2+	58.04	35.2	PASS
n38	30	10	515000	24@0	DFT_QAM64	NR-ACLR1-	43.62	29.2	PASS
n38	30	10	515000	24@0	DFT_QAM64	NR-ACLR1+	43.00	29.2	PASS
n38	30	10	515000	24@0	DFT_QAM64	U-ACLR12-	52.47	35.2	PASS
n38	30	10	515000	24@0	DFT_QAM64	U-ACLR11-	45.31	32.2	PASS
n38	30	10	515000	24@0	DFT_QAM64	U-ACLR1+	44.75	32.2	PASS
n38	30	10	515000	24@0	DFT_QAM64	U-ACLR2+	51.82	35.2	PASS
n38	30	10	515000	1@0	DFT_QAM256	NR-ACLR1-	50.50	29.2	PASS
n38	30	10	515000	1@0	DFT_QAM256	NR-ACLR1+	53.01	29.2	PASS
n38	30	10	515000	1@0	DFT_QAM256	U-ACLR12-	58.07	35.2	PASS
n38	30	10	515000	1@0	DFT_QAM256	U-ACLR11-	53.57	32.2	PASS
n38	30	10	515000	1@0	DFT_QAM256	U-ACLR1+	55.91	32.2	PASS
n38	30	10	515000	1@0	DFT_QAM256	U-ACLR2+	58.09	35.2	PASS
n38	30	10	515000	24@0	DFT_QAM256	NR-ACLR1-	43.60	29.2	PASS
n38	30	10	515000	24@0	DFT_QAM256	NR-ACLR1+	42.95	29.2	PASS
n38	30	10	515000	24@0	DFT_QAM256	U-ACLR12-	52.49	35.2	PASS
n38	30	10	515000	24@0	DFT_QAM256	U-ACLR11-	45.30	32.2	PASS
n38	30	10	515000	24@0	DFT_QAM256	U-ACLR1+	44.70	32.2	PASS

n38	30	10	515000	24@0	DFT_QAM256	U-ACLR2+	51.80	35.2	PASS
n38	30	10	515000	12@6	CP_QPSK	NR-ACLR1-	48.91	29.2	PASS
n38	30	10	515000	12@6	CP_QPSK	NR-ACLR1+	48.58	29.2	PASS
n38	30	10	515000	12@6	CP_QPSK	U-ACLR12-	56.89	35.2	PASS
n38	30	10	515000	12@6	CP_QPSK	U-ACLR11-	50.88	32.2	PASS
n38	30	10	515000	12@6	CP_QPSK	U-ACLR1+	50.42	32.2	PASS
n38	30	10	515000	12@6	CP_QPSK	U-ACLR2+	56.93	35.2	PASS
n38	30	10	515000	1@0	CP_QPSK	NR-ACLR1-	50.50	29.2	PASS
n38	30	10	515000	1@0	CP_QPSK	NR-ACLR1+	53.01	29.2	PASS
n38	30	10	515000	1@0	CP_QPSK	U-ACLR12-	58.20	35.2	PASS
n38	30	10	515000	1@0	CP_QPSK	U-ACLR11-	53.53	32.2	PASS
n38	30	10	515000	1@0	CP_QPSK	U-ACLR1+	55.97	32.2	PASS
n38	30	10	515000	1@0	CP_QPSK	U-ACLR2+	58.00	35.2	PASS
n38	30	10	515000	24@0	CP_QPSK	NR-ACLR1-	42.36	29.2	PASS
n38	30	10	515000	24@0	CP_QPSK	NR-ACLR1+	41.92	29.2	PASS
n38	30	10	515000	24@0	CP_QPSK	U-ACLR12-	51.45	35.2	PASS
n38	30	10	515000	24@0	CP_QPSK	U-ACLR11-	43.91	32.2	PASS
n38	30	10	515000	24@0	CP_QPSK	U-ACLR1+	43.61	32.2	PASS
n38	30	10	515000	24@0	CP_QPSK	U-ACLR2+	50.59	35.2	PASS
n38	30	10	515000	12@6	CP_QAM16	NR-ACLR1-	47.78	29.2	PASS
n38	30	10	515000	12@6	CP_QAM16	NR-ACLR1+	47.45	29.2	PASS
n38	30	10	515000	12@6	CP_QAM16	U-ACLR12-	56.37	35.2	PASS
n38	30	10	515000	12@6	CP_QAM16	U-ACLR11-	49.58	32.2	PASS
n38	30	10	515000	12@6	CP_QAM16	U-ACLR1+	49.15	32.2	PASS
n38	30	10	515000	12@6	CP_QAM16	U-ACLR2+	56.39	35.2	PASS
n38	30	10	515000	1@0	CP_QAM16	NR-ACLR1-	50.12	29.2	PASS
n38	30	10	515000	1@0	CP_QAM16	NR-ACLR1+	51.87	29.2	PASS
n38	30	10	515000	1@0	CP_QAM16	U-ACLR12-	57.68	35.2	PASS
n38	30	10	515000	1@0	CP_QAM16	U-ACLR11-	53.02	32.2	PASS
n38	30	10	515000	1@0	CP_QAM16	U-ACLR1+	54.93	32.2	PASS
n38	30	10	515000	1@0	CP_QAM16	U-ACLR2+	56.65	35.2	PASS
n38	30	10	515000	24@0	CP_QAM16	NR-ACLR1-	42.05	29.2	PASS
n38	30	10	515000	24@0	CP_QAM16	NR-ACLR1+	41.51	29.2	PASS
n38	30	10	515000	24@0	CP_QAM16	U-ACLR12-	51.22	35.2	PASS
n38	30	10	515000	24@0	CP_QAM16	U-ACLR11-	43.59	32.2	PASS
n38	30	10	515000	24@0	CP_QAM16	U-ACLR1+	43.07	32.2	PASS
n38	30	10	515000	24@0	CP_QAM16	U-ACLR2+	50.52	35.2	PASS
n38	30	10	515000	1@0	CP_QAM64	NR-ACLR1-	49.80	29.2	PASS
n38	30	10	515000	1@0	CP_QAM64	NR-ACLR1+	51.56	29.2	PASS
n38	30	10	515000	1@0	CP_QAM64	U-ACLR12-	57.25	35.2	PASS
n38	30	10	515000	1@0	CP_QAM64	U-ACLR11-	52.75	32.2	PASS
n38	30	10	515000	1@0	CP_QAM64	U-ACLR1+	54.72	32.2	PASS
n38	30	10	515000	1@0	CP_QAM64	U-ACLR2+	56.18	35.2	PASS
n38	30	10	515000	24@0	CP_QAM64	NR-ACLR1-	42.70	29.2	PASS

n38	30	10	515000	24@0	CP_QAM64	NR-ACLR1+	42.07	29.2	PASS
n38	30	10	515000	24@0	CP_QAM64	U-ACLR12-	51.67	35.2	PASS
n38	30	10	515000	24@0	CP_QAM64	U-ACLR11-	44.27	32.2	PASS
n38	30	10	515000	24@0	CP_QAM64	U-ACLR1+	43.69	32.2	PASS
n38	30	10	515000	24@0	CP_QAM64	U-ACLR2+	50.86	35.2	PASS
n38	30	10	515000	1@0	CP_QAM256	NR-ACLR1-	49.90	29.2	PASS
n38	30	10	515000	1@0	CP_QAM256	NR-ACLR1+	51.83	29.2	PASS
n38	30	10	515000	1@0	CP_QAM256	U-ACLR12-	57.38	35.2	PASS
n38	30	10	515000	1@0	CP_QAM256	U-ACLR11-	52.87	32.2	PASS
n38	30	10	515000	1@0	CP_QAM256	U-ACLR1+	54.84	32.2	PASS
n38	30	10	515000	1@0	CP_QAM256	U-ACLR2+	56.72	35.2	PASS
n38	30	10	515000	24@0	CP_QAM256	NR-ACLR1-	42.74	29.2	PASS
n38	30	10	515000	24@0	CP_QAM256	NR-ACLR1+	42.12	29.2	PASS
n38	30	10	515000	24@0	CP_QAM256	U-ACLR12-	51.70	35.2	PASS
n38	30	10	515000	24@0	CP_QAM256	U-ACLR11-	44.30	32.2	PASS
n38	30	10	515000	24@0	CP_QAM256	U-ACLR1+	43.75	32.2	PASS
n38	30	10	515000	24@0	CP_QAM256	U-ACLR2+	50.93	35.2	PASS
n38	30	10	523000	12@6	DFT_BPSK	NR-ACLR1-	49.16	29.2	PASS
n38	30	10	523000	12@6	DFT_BPSK	NR-ACLR1+	49.17	29.2	PASS
n38	30	10	523000	12@6	DFT_BPSK	U-ACLR12-	56.86	35.2	PASS
n38	30	10	523000	12@6	DFT_BPSK	U-ACLR11-	51.13	32.2	PASS
n38	30	10	523000	12@6	DFT_BPSK	U-ACLR1+	51.02	32.2	PASS
n38	30	10	523000	12@6	DFT_BPSK	U-ACLR2+	57.19	35.2	PASS
n38	30	10	523000	1@23	DFT_BPSK	NR-ACLR1-	51.62	29.2	PASS
n38	30	10	523000	1@23	DFT_BPSK	NR-ACLR1+	49.97	29.2	PASS
n38	30	10	523000	1@23	DFT_BPSK	U-ACLR12-	56.13	35.2	PASS
n38	30	10	523000	1@23	DFT_BPSK	U-ACLR11-	54.84	32.2	PASS
n38	30	10	523000	1@23	DFT_BPSK	U-ACLR1+	52.88	32.2	PASS
n38	30	10	523000	1@23	DFT_BPSK	U-ACLR2+	57.30	35.2	PASS
n38	30	10	523000	24@0	DFT_BPSK	NR-ACLR1-	43.49	29.2	PASS
n38	30	10	523000	24@0	DFT_BPSK	NR-ACLR1+	43.04	29.2	PASS
n38	30	10	523000	24@0	DFT_BPSK	U-ACLR12-	52.03	35.2	PASS
n38	30	10	523000	24@0	DFT_BPSK	U-ACLR11-	45.16	32.2	PASS
n38	30	10	523000	24@0	DFT_BPSK	U-ACLR1+	44.75	32.2	PASS
n38	30	10	523000	24@0	DFT_BPSK	U-ACLR2+	51.54	35.2	PASS
n38	30	10	523000	12@6	DFT_QPSK	NR-ACLR1-	44.79	29.2	PASS
n38	30	10	523000	12@6	DFT_QPSK	NR-ACLR1+	44.46	29.2	PASS
n38	30	10	523000	12@6	DFT_QPSK	U-ACLR12-	52.63	35.2	PASS
n38	30	10	523000	12@6	DFT_QPSK	U-ACLR11-	46.78	32.2	PASS
n38	30	10	523000	12@6	DFT_QPSK	U-ACLR1+	46.54	32.2	PASS
n38	30	10	523000	12@6	DFT_QPSK	U-ACLR2+	52.25	35.2	PASS
n38	30	10	523000	1@23	DFT_QPSK	NR-ACLR1-	53.47	29.2	PASS
n38	30	10	523000	1@23	DFT_QPSK	NR-ACLR1+	51.25	29.2	PASS
n38	30	10	523000	1@23	DFT_QPSK	U-ACLR12-	58.67	35.2	PASS

n38	30	10	523000	1@23	DFT_QPSK	U-ACLR11-	56.33	32.2	PASS
n38	30	10	523000	1@23	DFT_QPSK	U-ACLR1+	54.28	32.2	PASS
n38	30	10	523000	1@23	DFT_QPSK	U-ACLR2+	58.64	35.2	PASS
n38	30	10	523000	24@0	DFT_QPSK	NR-ACLR1-	44.81	29.2	PASS
n38	30	10	523000	24@0	DFT_QPSK	NR-ACLR1+	44.47	29.2	PASS
n38	30	10	523000	24@0	DFT_QPSK	U-ACLR12-	52.61	35.2	PASS
n38	30	10	523000	24@0	DFT_QPSK	U-ACLR11-	46.80	32.2	PASS
n38	30	10	523000	24@0	DFT_QPSK	U-ACLR1+	46.53	32.2	PASS
n38	30	10	523000	24@0	DFT_QPSK	U-ACLR2+	52.22	35.2	PASS
n38	30	10	523000	12@6	DFT_QAM16	NR-ACLR1-	49.10	29.2	PASS
n38	30	10	523000	12@6	DFT_QAM16	NR-ACLR1+	48.98	29.2	PASS
n38	30	10	523000	12@6	DFT_QAM16	U-ACLR12-	57.17	35.2	PASS
n38	30	10	523000	12@6	DFT_QAM16	U-ACLR11-	51.02	32.2	PASS
n38	30	10	523000	12@6	DFT_QAM16	U-ACLR1+	50.72	32.2	PASS
n38	30	10	523000	12@6	DFT_QAM16	U-ACLR2+	57.37	35.2	PASS
n38	30	10	523000	1@23	DFT_QAM16	NR-ACLR1-	52.70	29.2	PASS
n38	30	10	523000	1@23	DFT_QAM16	NR-ACLR1+	50.65	29.2	PASS
n38	30	10	523000	1@23	DFT_QAM16	U-ACLR12-	57.12	35.2	PASS
n38	30	10	523000	1@23	DFT_QAM16	U-ACLR11-	55.99	32.2	PASS
n38	30	10	523000	1@23	DFT_QAM16	U-ACLR1+	53.68	32.2	PASS
n38	30	10	523000	1@23	DFT_QAM16	U-ACLR2+	58.33	35.2	PASS
n38	30	10	523000	24@0	DFT_QAM16	NR-ACLR1-	44.37	29.2	PASS
n38	30	10	523000	24@0	DFT_QAM16	NR-ACLR1+	44.11	29.2	PASS
n38	30	10	523000	24@0	DFT_QAM16	U-ACLR12-	53.00	35.2	PASS
n38	30	10	523000	24@0	DFT_QAM16	U-ACLR11-	46.06	32.2	PASS
n38	30	10	523000	24@0	DFT_QAM16	U-ACLR1+	45.88	32.2	PASS
n38	30	10	523000	24@0	DFT_QAM16	U-ACLR2+	52.56	35.2	PASS
n38	30	10	523000	1@23	DFT_QAM64	NR-ACLR1-	52.41	29.2	PASS
n38	30	10	523000	1@23	DFT_QAM64	NR-ACLR1+	50.66	29.2	PASS
n38	30	10	523000	1@23	DFT_QAM64	U-ACLR12-	57.17	35.2	PASS
n38	30	10	523000	1@23	DFT_QAM64	U-ACLR11-	55.49	32.2	PASS
n38	30	10	523000	1@23	DFT_QAM64	U-ACLR1+	53.64	32.2	PASS
n38	30	10	523000	1@23	DFT_QAM64	U-ACLR2+	57.60	35.2	PASS
n38	30	10	523000	24@0	DFT_QAM64	NR-ACLR1-	44.51	29.2	PASS
n38	30	10	523000	24@0	DFT_QAM64	NR-ACLR1+	44.03	29.2	PASS
n38	30	10	523000	24@0	DFT_QAM64	U-ACLR12-	52.75	35.2	PASS
n38	30	10	523000	24@0	DFT_QAM64	U-ACLR11-	46.36	32.2	PASS
n38	30	10	523000	24@0	DFT_QAM64	U-ACLR1+	45.87	32.2	PASS
n38	30	10	523000	24@0	DFT_QAM64	U-ACLR2+	52.44	35.2	PASS
n38	30	10	523000	1@23	DFT_QAM256	NR-ACLR1-	52.73	29.2	PASS
n38	30	10	523000	1@23	DFT_QAM256	NR-ACLR1+	50.97	29.2	PASS
n38	30	10	523000	1@23	DFT_QAM256	U-ACLR12-	57.54	35.2	PASS
n38	30	10	523000	1@23	DFT_QAM256	U-ACLR11-	55.78	32.2	PASS
n38	30	10	523000	1@23	DFT_QAM256	U-ACLR1+	53.89	32.2	PASS

n38	30	10	523000	1@23	DFT_QAM256	U-ACLR2+	58.15	35.2	PASS
n38	30	10	523000	24@0	DFT_QAM256	NR-ACLR1-	44.48	29.2	PASS
n38	30	10	523000	24@0	DFT_QAM256	NR-ACLR1+	43.99	29.2	PASS
n38	30	10	523000	24@0	DFT_QAM256	U-ACLR12-	52.74	35.2	PASS
n38	30	10	523000	24@0	DFT_QAM256	U-ACLR11-	46.34	32.2	PASS
n38	30	10	523000	24@0	DFT_QAM256	U-ACLR1+	45.84	32.2	PASS
n38	30	10	523000	24@0	DFT_QAM256	U-ACLR2+	52.42	35.2	PASS
n38	30	10	523000	12@6	CP_QPSK	NR-ACLR1-	49.31	29.2	PASS
n38	30	10	523000	12@6	CP_QPSK	NR-ACLR1+	49.22	29.2	PASS
n38	30	10	523000	12@6	CP_QPSK	U-ACLR12-	57.07	35.2	PASS
n38	30	10	523000	12@6	CP_QPSK	U-ACLR11-	51.31	32.2	PASS
n38	30	10	523000	12@6	CP_QPSK	U-ACLR1+	51.09	32.2	PASS
n38	30	10	523000	12@6	CP_QPSK	U-ACLR2+	57.38	35.2	PASS
n38	30	10	523000	1@23	CP_QPSK	NR-ACLR1-	43.39	29.2	PASS
n38	30	10	523000	1@23	CP_QPSK	NR-ACLR1+	43.11	29.2	PASS
n38	30	10	523000	1@23	CP_QPSK	U-ACLR12-	52.23	35.2	PASS
n38	30	10	523000	1@23	CP_QPSK	U-ACLR11-	44.98	32.2	PASS
n38	30	10	523000	1@23	CP_QPSK	U-ACLR1+	44.80	32.2	PASS
n38	30	10	523000	1@23	CP_QPSK	U-ACLR2+	51.79	35.2	PASS
n38	30	10	523000	24@0	CP_QPSK	NR-ACLR1-	43.31	29.2	PASS
n38	30	10	523000	24@0	CP_QPSK	NR-ACLR1+	43.05	29.2	PASS
n38	30	10	523000	24@0	CP_QPSK	U-ACLR12-	52.05	35.2	PASS
n38	30	10	523000	24@0	CP_QPSK	U-ACLR11-	44.91	32.2	PASS
n38	30	10	523000	24@0	CP_QPSK	U-ACLR1+	44.77	32.2	PASS
n38	30	10	523000	24@0	CP_QPSK	U-ACLR2+	51.64	35.2	PASS
n38	30	10	523000	12@6	CP_QAM16	NR-ACLR1-	48.53	29.2	PASS
n38	30	10	523000	12@6	CP_QAM16	NR-ACLR1+	48.41	29.2	PASS
n38	30	10	523000	12@6	CP_QAM16	U-ACLR12-	56.37	35.2	PASS
n38	30	10	523000	12@6	CP_QAM16	U-ACLR11-	50.47	32.2	PASS
n38	30	10	523000	12@6	CP_QAM16	U-ACLR1+	50.19	32.2	PASS
n38	30	10	523000	12@6	CP_QAM16	U-ACLR2+	56.64	35.2	PASS
n38	30	10	523000	1@23	CP_QAM16	NR-ACLR1-	51.73	29.2	PASS
n38	30	10	523000	1@23	CP_QAM16	NR-ACLR1+	50.36	29.2	PASS
n38	30	10	523000	1@23	CP_QAM16	U-ACLR12-	56.30	35.2	PASS
n38	30	10	523000	1@23	CP_QAM16	U-ACLR11-	54.91	32.2	PASS
n38	30	10	523000	1@23	CP_QAM16	U-ACLR1+	53.16	32.2	PASS
n38	30	10	523000	1@23	CP_QAM16	U-ACLR2+	57.60	35.2	PASS
n38	30	10	523000	24@0	CP_QAM16	NR-ACLR1-	42.98	29.2	PASS
n38	30	10	523000	24@0	CP_QAM16	NR-ACLR1+	42.68	29.2	PASS
n38	30	10	523000	24@0	CP_QAM16	U-ACLR12-	51.73	35.2	PASS
n38	30	10	523000	24@0	CP_QAM16	U-ACLR11-	44.61	32.2	PASS
n38	30	10	523000	24@0	CP_QAM16	U-ACLR1+	44.30	32.2	PASS
n38	30	10	523000	24@0	CP_QAM16	U-ACLR2+	51.41	35.2	PASS
n38	30	10	523000	1@23	CP_QAM64	NR-ACLR1-	51.63	29.2	PASS

n38	30	10	523000	1@23	CP_QAM64	NR-ACLR1+	49.97	29.2	PASS
n38	30	10	523000	1@23	CP_QAM64	U-ACLR12-	56.50	35.2	PASS
n38	30	10	523000	1@23	CP_QAM64	U-ACLR11-	54.63	32.2	PASS
n38	30	10	523000	1@23	CP_QAM64	U-ACLR1+	52.96	32.2	PASS
n38	30	10	523000	1@23	CP_QAM64	U-ACLR2+	57.15	35.2	PASS
n38	30	10	523000	24@0	CP_QAM64	NR-ACLR1-	43.54	29.2	PASS
n38	30	10	523000	24@0	CP_QAM64	NR-ACLR1+	43.10	29.2	PASS
n38	30	10	523000	24@0	CP_QAM64	U-ACLR12-	52.06	35.2	PASS
n38	30	10	523000	24@0	CP_QAM64	U-ACLR11-	45.20	32.2	PASS
n38	30	10	523000	24@0	CP_QAM64	U-ACLR1+	44.81	32.2	PASS
n38	30	10	523000	24@0	CP_QAM64	U-ACLR2+	51.58	35.2	PASS
n38	30	10	523000	1@23	CP_QAM256	NR-ACLR1-	51.56	29.2	PASS
n38	30	10	523000	1@23	CP_QAM256	NR-ACLR1+	49.95	29.2	PASS
n38	30	10	523000	1@23	CP_QAM256	U-ACLR12-	56.13	35.2	PASS
n38	30	10	523000	1@23	CP_QAM256	U-ACLR11-	54.76	32.2	PASS
n38	30	10	523000	1@23	CP_QAM256	U-ACLR1+	52.92	32.2	PASS
n38	30	10	523000	1@23	CP_QAM256	U-ACLR2+	57.21	35.2	PASS
n38	30	10	523000	24@0	CP_QAM256	NR-ACLR1-	43.46	29.2	PASS
n38	30	10	523000	24@0	CP_QAM256	NR-ACLR1+	43.06	29.2	PASS
n38	30	10	523000	24@0	CP_QAM256	U-ACLR12-	52.00	35.2	PASS
n38	30	10	523000	24@0	CP_QAM256	U-ACLR11-	45.15	32.2	PASS
n38	30	10	523000	24@0	CP_QAM256	U-ACLR1+	44.75	32.2	PASS
n38	30	10	523000	24@0	CP_QAM256	U-ACLR2+	51.61	35.2	PASS
n38	30	20	516000	25@12	DFT_BPSK	NR-ACLR1-	48.12	29.2	PASS
n38	30	20	516000	25@12	DFT_BPSK	NR-ACLR1+	48.41	29.2	PASS
n38	30	20	516000	25@12	DFT_BPSK	U-ACLR12-	55.94	35.2	PASS
n38	30	20	516000	25@12	DFT_BPSK	U-ACLR11-	50.47	32.2	PASS
n38	30	20	516000	25@12	DFT_BPSK	U-ACLR1+	50.90	32.2	PASS
n38	30	20	516000	25@12	DFT_BPSK	U-ACLR2+	55.96	35.2	PASS
n38	30	20	516000	1@0	DFT_BPSK	NR-ACLR1-	49.48	29.2	PASS
n38	30	20	516000	1@0	DFT_BPSK	NR-ACLR1+	53.03	29.2	PASS
n38	30	20	516000	1@0	DFT_BPSK	U-ACLR12-	57.76	35.2	PASS
n38	30	20	516000	1@0	DFT_BPSK	U-ACLR11-	52.57	32.2	PASS
n38	30	20	516000	1@0	DFT_BPSK	U-ACLR1+	58.02	32.2	PASS
n38	30	20	516000	1@0	DFT_BPSK	U-ACLR2+	59.58	35.2	PASS
n38	30	20	516000	50@0	DFT_BPSK	NR-ACLR1-	42.43	29.2	PASS
n38	30	20	516000	50@0	DFT_BPSK	NR-ACLR1+	42.02	29.2	PASS
n38	30	20	516000	50@0	DFT_BPSK	U-ACLR12-	48.76	35.2	PASS
n38	30	20	516000	50@0	DFT_BPSK	U-ACLR11-	45.75	32.2	PASS
n38	30	20	516000	50@0	DFT_BPSK	U-ACLR1+	45.52	32.2	PASS
n38	30	20	516000	50@0	DFT_BPSK	U-ACLR2+	48.31	35.2	PASS
n38	30	20	516000	25@12	DFT_QPSK	NR-ACLR1-	48.09	29.2	PASS
n38	30	20	516000	25@12	DFT_QPSK	NR-ACLR1+	48.37	29.2	PASS
n38	30	20	516000	25@12	DFT_QPSK	U-ACLR12-	55.92	35.2	PASS

n38	30	20	516000	25@12	DFT_QPSK	U-ACLR11-	50.42	32.2	PASS
n38	30	20	516000	25@12	DFT_QPSK	U-ACLR1+	50.80	32.2	PASS
n38	30	20	516000	25@12	DFT_QPSK	U-ACLR2+	56.01	35.2	PASS
n38	30	20	516000	1@0	DFT_QPSK	NR-ACLR1-	49.68	29.2	PASS
n38	30	20	516000	1@0	DFT_QPSK	NR-ACLR1+	53.05	29.2	PASS
n38	30	20	516000	1@0	DFT_QPSK	U-ACLR12-	57.71	35.2	PASS
n38	30	20	516000	1@0	DFT_QPSK	U-ACLR11-	52.88	32.2	PASS
n38	30	20	516000	1@0	DFT_QPSK	U-ACLR1+	57.95	32.2	PASS
n38	30	20	516000	1@0	DFT_QPSK	U-ACLR2+	59.53	35.2	PASS
n38	30	20	516000	50@0	DFT_QPSK	NR-ACLR1-	42.48	29.2	PASS
n38	30	20	516000	50@0	DFT_QPSK	NR-ACLR1+	42.04	29.2	PASS
n38	30	20	516000	50@0	DFT_QPSK	U-ACLR12-	48.81	35.2	PASS
n38	30	20	516000	50@0	DFT_QPSK	U-ACLR11-	45.81	32.2	PASS
n38	30	20	516000	50@0	DFT_QPSK	U-ACLR1+	45.52	32.2	PASS
n38	30	20	516000	50@0	DFT_QPSK	U-ACLR2+	48.33	35.2	PASS
n38	30	20	516000	25@12	DFT_QAM16	NR-ACLR1-	48.10	29.2	PASS
n38	30	20	516000	25@12	DFT_QAM16	NR-ACLR1+	48.37	29.2	PASS
n38	30	20	516000	25@12	DFT_QAM16	U-ACLR12-	55.84	35.2	PASS
n38	30	20	516000	25@12	DFT_QAM16	U-ACLR11-	50.47	32.2	PASS
n38	30	20	516000	25@12	DFT_QAM16	U-ACLR1+	50.84	32.2	PASS
n38	30	20	516000	25@12	DFT_QAM16	U-ACLR2+	55.98	35.2	PASS
n38	30	20	516000	1@0	DFT_QAM16	NR-ACLR1-	49.06	29.2	PASS
n38	30	20	516000	1@0	DFT_QAM16	NR-ACLR1+	53.07	29.2	PASS
n38	30	20	516000	1@0	DFT_QAM16	U-ACLR12-	57.81	35.2	PASS
n38	30	20	516000	1@0	DFT_QAM16	U-ACLR11-	51.90	32.2	PASS
n38	30	20	516000	1@0	DFT_QAM16	U-ACLR1+	58.08	32.2	PASS
n38	30	20	516000	1@0	DFT_QAM16	U-ACLR2+	59.66	35.2	PASS
n38	30	20	516000	50@0	DFT_QAM16	NR-ACLR1-	42.37	29.2	PASS
n38	30	20	516000	50@0	DFT_QAM16	NR-ACLR1+	41.91	29.2	PASS
n38	30	20	516000	50@0	DFT_QAM16	U-ACLR12-	48.69	35.2	PASS
n38	30	20	516000	50@0	DFT_QAM16	U-ACLR11-	45.80	32.2	PASS
n38	30	20	516000	50@0	DFT_QAM16	U-ACLR1+	45.47	32.2	PASS
n38	30	20	516000	50@0	DFT_QAM16	U-ACLR2+	48.23	35.2	PASS
n38	30	20	516000	1@0	DFT_QAM64	NR-ACLR1-	48.90	29.2	PASS
n38	30	20	516000	1@0	DFT_QAM64	NR-ACLR1+	51.94	29.2	PASS
n38	30	20	516000	1@0	DFT_QAM64	U-ACLR12-	57.02	35.2	PASS
n38	30	20	516000	1@0	DFT_QAM64	U-ACLR11-	52.32	32.2	PASS
n38	30	20	516000	1@0	DFT_QAM64	U-ACLR1+	57.26	32.2	PASS
n38	30	20	516000	1@0	DFT_QAM64	U-ACLR2+	58.57	35.2	PASS
n38	30	20	516000	50@0	DFT_QAM64	NR-ACLR1-	42.36	29.2	PASS
n38	30	20	516000	50@0	DFT_QAM64	NR-ACLR1+	41.90	29.2	PASS
n38	30	20	516000	50@0	DFT_QAM64	U-ACLR12-	48.72	35.2	PASS
n38	30	20	516000	50@0	DFT_QAM64	U-ACLR11-	45.79	32.2	PASS
n38	30	20	516000	50@0	DFT_QAM64	U-ACLR1+	45.46	32.2	PASS

n38	30	20	516000	50@0	DFT_QAM64	U-ACLR2+	48.26	35.2	PASS
n38	30	20	516000	1@0	DFT_QAM256	NR-ACLR1-	49.01	29.2	PASS
n38	30	20	516000	1@0	DFT_QAM256	NR-ACLR1+	51.96	29.2	PASS
n38	30	20	516000	1@0	DFT_QAM256	U-ACLR12-	57.21	35.2	PASS
n38	30	20	516000	1@0	DFT_QAM256	U-ACLR11-	52.34	32.2	PASS
n38	30	20	516000	1@0	DFT_QAM256	U-ACLR1+	57.48	32.2	PASS
n38	30	20	516000	1@0	DFT_QAM256	U-ACLR2+	58.74	35.2	PASS
n38	30	20	516000	50@0	DFT_QAM256	NR-ACLR1-	42.39	29.2	PASS
n38	30	20	516000	50@0	DFT_QAM256	NR-ACLR1+	41.94	29.2	PASS
n38	30	20	516000	50@0	DFT_QAM256	U-ACLR12-	48.72	35.2	PASS
n38	30	20	516000	50@0	DFT_QAM256	U-ACLR11-	45.82	32.2	PASS
n38	30	20	516000	50@0	DFT_QAM256	U-ACLR1+	45.49	32.2	PASS
n38	30	20	516000	50@0	DFT_QAM256	U-ACLR2+	48.27	35.2	PASS
n38	30	20	516000	25@12	CP_QPSK	NR-ACLR1-	46.69	29.2	PASS
n38	30	20	516000	25@12	CP_QPSK	NR-ACLR1+	46.95	29.2	PASS
n38	30	20	516000	25@12	CP_QPSK	U-ACLR12-	54.87	35.2	PASS
n38	30	20	516000	25@12	CP_QPSK	U-ACLR11-	48.89	32.2	PASS
n38	30	20	516000	25@12	CP_QPSK	U-ACLR1+	49.25	32.2	PASS
n38	30	20	516000	25@12	CP_QPSK	U-ACLR2+	54.93	35.2	PASS
n38	30	20	516000	1@0	CP_QPSK	NR-ACLR1-	48.79	29.2	PASS
n38	30	20	516000	1@0	CP_QPSK	NR-ACLR1+	52.11	29.2	PASS
n38	30	20	516000	1@0	CP_QPSK	U-ACLR12-	57.07	35.2	PASS
n38	30	20	516000	1@0	CP_QPSK	U-ACLR11-	52.08	32.2	PASS
n38	30	20	516000	1@0	CP_QPSK	U-ACLR1+	57.22	32.2	PASS
n38	30	20	516000	1@0	CP_QPSK	U-ACLR2+	58.62	35.2	PASS
n38	30	20	516000	51@0	CP_QPSK	NR-ACLR1-	48.98	29.2	PASS
n38	30	20	516000	51@0	CP_QPSK	NR-ACLR1+	52.43	29.2	PASS
n38	30	20	516000	51@0	CP_QPSK	U-ACLR12-	57.37	35.2	PASS
n38	30	20	516000	51@0	CP_QPSK	U-ACLR11-	52.19	32.2	PASS
n38	30	20	516000	51@0	CP_QPSK	U-ACLR1+	57.53	32.2	PASS
n38	30	20	516000	51@0	CP_QPSK	U-ACLR2+	59.16	35.2	PASS
n38	30	20	516000	25@12	CP_QAM16	NR-ACLR1-	46.84	29.2	PASS
n38	30	20	516000	25@12	CP_QAM16	NR-ACLR1+	47.21	29.2	PASS
n38	30	20	516000	25@12	CP_QAM16	U-ACLR12-	55.01	35.2	PASS
n38	30	20	516000	25@12	CP_QAM16	U-ACLR11-	49.03	32.2	PASS
n38	30	20	516000	25@12	CP_QAM16	U-ACLR1+	49.63	32.2	PASS
n38	30	20	516000	25@12	CP_QAM16	U-ACLR2+	54.87	35.2	PASS
n38	30	20	516000	1@0	CP_QAM16	NR-ACLR1-	48.84	29.2	PASS
n38	30	20	516000	1@0	CP_QAM16	NR-ACLR1+	52.13	29.2	PASS
n38	30	20	516000	1@0	CP_QAM16	U-ACLR12-	57.13	35.2	PASS
n38	30	20	516000	1@0	CP_QAM16	U-ACLR11-	52.06	32.2	PASS
n38	30	20	516000	1@0	CP_QAM16	U-ACLR1+	57.51	32.2	PASS
n38	30	20	516000	1@0	CP_QAM16	U-ACLR2+	58.83	35.2	PASS
n38	30	20	516000	51@0	CP_QAM16	NR-ACLR1-	48.78	29.2	PASS

n38	30	20	516000	51@0	CP_QAM16	NR-ACLR1+	52.10	29.2	PASS
n38	30	20	516000	51@0	CP_QAM16	U-ACLR12-	57.14	35.2	PASS
n38	30	20	516000	51@0	CP_QAM16	U-ACLR11-	52.03	32.2	PASS
n38	30	20	516000	51@0	CP_QAM16	U-ACLR1+	57.30	32.2	PASS
n38	30	20	516000	51@0	CP_QAM16	U-ACLR2+	58.71	35.2	PASS
n38	30	20	516000	1@0	CP_QAM64	NR-ACLR1-	49.05	29.2	PASS
n38	30	20	516000	1@0	CP_QAM64	NR-ACLR1+	51.99	29.2	PASS
n38	30	20	516000	1@0	CP_QAM64	U-ACLR12-	57.00	35.2	PASS
n38	30	20	516000	1@0	CP_QAM64	U-ACLR11-	52.54	32.2	PASS
n38	30	20	516000	1@0	CP_QAM64	U-ACLR1+	57.21	32.2	PASS
n38	30	20	516000	1@0	CP_QAM64	U-ACLR2+	58.57	35.2	PASS
n38	30	20	516000	51@0	CP_QAM64	NR-ACLR1-	48.88	29.2	PASS
n38	30	20	516000	51@0	CP_QAM64	NR-ACLR1+	51.93	29.2	PASS
n38	30	20	516000	51@0	CP_QAM64	U-ACLR12-	56.93	35.2	PASS
n38	30	20	516000	51@0	CP_QAM64	U-ACLR11-	52.37	32.2	PASS
n38	30	20	516000	51@0	CP_QAM64	U-ACLR1+	57.20	32.2	PASS
n38	30	20	516000	51@0	CP_QAM64	U-ACLR2+	58.49	35.2	PASS
n38	30	20	516000	1@0	CP_QAM256	NR-ACLR1-	48.54	29.2	PASS
n38	30	20	516000	1@0	CP_QAM256	NR-ACLR1+	51.98	29.2	PASS
n38	30	20	516000	1@0	CP_QAM256	U-ACLR12-	57.01	35.2	PASS
n38	30	20	516000	1@0	CP_QAM256	U-ACLR11-	51.68	32.2	PASS
n38	30	20	516000	1@0	CP_QAM256	U-ACLR1+	57.38	32.2	PASS
n38	30	20	516000	1@0	CP_QAM256	U-ACLR2+	58.63	35.2	PASS
n38	30	20	516000	51@0	CP_QAM256	NR-ACLR1-	48.51	29.2	PASS
n38	30	20	516000	51@0	CP_QAM256	NR-ACLR1+	51.99	29.2	PASS
n38	30	20	516000	51@0	CP_QAM256	U-ACLR12-	57.08	35.2	PASS
n38	30	20	516000	51@0	CP_QAM256	U-ACLR11-	51.65	32.2	PASS
n38	30	20	516000	51@0	CP_QAM256	U-ACLR1+	57.32	32.2	PASS
n38	30	20	516000	51@0	CP_QAM256	U-ACLR2+	58.58	35.2	PASS
n38	30	20	522000	25@12	DFT_BPSK	NR-ACLR1-	48.45	29.2	PASS
n38	30	20	522000	25@12	DFT_BPSK	NR-ACLR1+	49.02	29.2	PASS
n38	30	20	522000	25@12	DFT_BPSK	U-ACLR12-	55.95	35.2	PASS
n38	30	20	522000	25@12	DFT_BPSK	U-ACLR11-	51.00	32.2	PASS
n38	30	20	522000	25@12	DFT_BPSK	U-ACLR1+	51.68	32.2	PASS
n38	30	20	522000	25@12	DFT_BPSK	U-ACLR2+	56.39	35.2	PASS
n38	30	20	522000	1@50	DFT_BPSK	NR-ACLR1-	53.08	29.2	PASS
n38	30	20	522000	1@50	DFT_BPSK	NR-ACLR1+	49.35	29.2	PASS
n38	30	20	522000	1@50	DFT_BPSK	U-ACLR12-	59.70	35.2	PASS
n38	30	20	522000	1@50	DFT_BPSK	U-ACLR11-	58.04	32.2	PASS
n38	30	20	522000	1@50	DFT_BPSK	U-ACLR1+	52.29	32.2	PASS
n38	30	20	522000	1@50	DFT_BPSK	U-ACLR2+	57.76	35.2	PASS
n38	30	20	522000	50@0	DFT_BPSK	NR-ACLR1-	43.16	29.2	PASS
n38	30	20	522000	50@0	DFT_BPSK	NR-ACLR1+	42.99	29.2	PASS
n38	30	20	522000	50@0	DFT_BPSK	U-ACLR12-	49.45	35.2	PASS

n38	30	20	522000	50@0	DFT_BPSK	U-ACLR11-	46.65	32.2	PASS
n38	30	20	522000	50@0	DFT_BPSK	U-ACLR1+	46.49	32.2	PASS
n38	30	20	522000	50@0	DFT_BPSK	U-ACLR2+	49.37	35.2	PASS
n38	30	20	522000	25@12	DFT_QPSK	NR-ACLR1-	47.75	29.2	PASS
n38	30	20	522000	25@12	DFT_QPSK	NR-ACLR1+	48.33	29.2	PASS
n38	30	20	522000	25@12	DFT_QPSK	U-ACLR12-	55.24	35.2	PASS
n38	30	20	522000	25@12	DFT_QPSK	U-ACLR11-	50.62	32.2	PASS
n38	30	20	522000	25@12	DFT_QPSK	U-ACLR1+	51.35	32.2	PASS
n38	30	20	522000	25@12	DFT_QPSK	U-ACLR2+	55.66	35.2	PASS
n38	30	20	522000	1@50	DFT_QPSK	NR-ACLR1-	51.62	29.2	PASS
n38	30	20	522000	1@50	DFT_QPSK	NR-ACLR1+	48.62	29.2	PASS
n38	30	20	522000	1@50	DFT_QPSK	U-ACLR12-	58.62	35.2	PASS
n38	30	20	522000	1@50	DFT_QPSK	U-ACLR11-	57.22	32.2	PASS
n38	30	20	522000	1@50	DFT_QPSK	U-ACLR1+	51.75	32.2	PASS
n38	30	20	522000	1@50	DFT_QPSK	U-ACLR2+	57.10	35.2	PASS
n38	30	20	522000	50@0	DFT_QPSK	NR-ACLR1-	42.96	29.2	PASS
n38	30	20	522000	50@0	DFT_QPSK	NR-ACLR1+	42.74	29.2	PASS
n38	30	20	522000	50@0	DFT_QPSK	U-ACLR12-	49.27	35.2	PASS
n38	30	20	522000	50@0	DFT_QPSK	U-ACLR11-	46.54	32.2	PASS
n38	30	20	522000	50@0	DFT_QPSK	U-ACLR1+	46.32	32.2	PASS
n38	30	20	522000	50@0	DFT_QPSK	U-ACLR2+	49.14	35.2	PASS
n38	30	20	522000	25@12	DFT_QAM16	NR-ACLR1-	47.70	29.2	PASS
n38	30	20	522000	25@12	DFT_QAM16	NR-ACLR1+	48.28	29.2	PASS
n38	30	20	522000	25@12	DFT_QAM16	U-ACLR12-	55.16	35.2	PASS
n38	30	20	522000	25@12	DFT_QAM16	U-ACLR11-	50.64	32.2	PASS
n38	30	20	522000	25@12	DFT_QAM16	U-ACLR1+	51.37	32.2	PASS
n38	30	20	522000	25@12	DFT_QAM16	U-ACLR2+	55.54	35.2	PASS
n38	30	20	522000	1@50	DFT_QAM16	NR-ACLR1-	51.49	29.2	PASS
n38	30	20	522000	1@50	DFT_QAM16	NR-ACLR1+	48.60	29.2	PASS
n38	30	20	522000	1@50	DFT_QAM16	U-ACLR12-	58.27	35.2	PASS
n38	30	20	522000	1@50	DFT_QAM16	U-ACLR11-	57.00	32.2	PASS
n38	30	20	522000	1@50	DFT_QAM16	U-ACLR1+	51.92	32.2	PASS
n38	30	20	522000	1@50	DFT_QAM16	U-ACLR2+	56.74	35.2	PASS
n38	30	20	522000	50@0	DFT_QAM16	NR-ACLR1-	42.98	29.2	PASS
n38	30	20	522000	50@0	DFT_QAM16	NR-ACLR1+	42.77	29.2	PASS
n38	30	20	522000	50@0	DFT_QAM16	U-ACLR12-	49.30	35.2	PASS
n38	30	20	522000	50@0	DFT_QAM16	U-ACLR11-	46.57	32.2	PASS
n38	30	20	522000	50@0	DFT_QAM16	U-ACLR1+	46.33	32.2	PASS
n38	30	20	522000	50@0	DFT_QAM16	U-ACLR2+	49.17	35.2	PASS
n38	30	20	522000	1@50	DFT_QAM64	NR-ACLR1-	51.31	29.2	PASS
n38	30	20	522000	1@50	DFT_QAM64	NR-ACLR1+	48.51	29.2	PASS
n38	30	20	522000	1@50	DFT_QAM64	U-ACLR12-	58.15	35.2	PASS
n38	30	20	522000	1@50	DFT_QAM64	U-ACLR11-	56.86	32.2	PASS
n38	30	20	522000	1@50	DFT_QAM64	U-ACLR1+	51.89	32.2	PASS

n38	30	20	522000	1@50	DFT_QAM64	U-ACLR2+	56.66	35.2	PASS
n38	30	20	522000	50@0	DFT_QAM64	NR-ACLR1-	43.14	29.2	PASS
n38	30	20	522000	50@0	DFT_QAM64	NR-ACLR1+	42.95	29.2	PASS
n38	30	20	522000	50@0	DFT_QAM64	U-ACLR12-	49.49	35.2	PASS
n38	30	20	522000	50@0	DFT_QAM64	U-ACLR11-	46.71	32.2	PASS
n38	30	20	522000	50@0	DFT_QAM64	U-ACLR1+	46.53	32.2	PASS
n38	30	20	522000	50@0	DFT_QAM64	U-ACLR2+	49.28	35.2	PASS
n38	30	20	522000	1@50	DFT_QAM256	NR-ACLR1-	51.61	29.2	PASS
n38	30	20	522000	1@50	DFT_QAM256	NR-ACLR1+	48.65	29.2	PASS
n38	30	20	522000	1@50	DFT_QAM256	U-ACLR12-	58.60	35.2	PASS
n38	30	20	522000	1@50	DFT_QAM256	U-ACLR11-	57.26	32.2	PASS
n38	30	20	522000	1@50	DFT_QAM256	U-ACLR1+	51.85	32.2	PASS
n38	30	20	522000	1@50	DFT_QAM256	U-ACLR2+	57.01	35.2	PASS
n38	30	20	522000	50@0	DFT_QAM256	NR-ACLR1-	42.97	29.2	PASS
n38	30	20	522000	50@0	DFT_QAM256	NR-ACLR1+	42.78	29.2	PASS
n38	30	20	522000	50@0	DFT_QAM256	U-ACLR12-	49.31	35.2	PASS
n38	30	20	522000	50@0	DFT_QAM256	U-ACLR11-	46.53	32.2	PASS
n38	30	20	522000	50@0	DFT_QAM256	U-ACLR1+	46.37	32.2	PASS
n38	30	20	522000	50@0	DFT_QAM256	U-ACLR2+	49.10	35.2	PASS
n38	30	20	522000	25@12	CP_QPSK	NR-ACLR1-	47.29	29.2	PASS
n38	30	20	522000	25@12	CP_QPSK	NR-ACLR1+	47.93	29.2	PASS
n38	30	20	522000	25@12	CP_QPSK	U-ACLR12-	55.20	35.2	PASS
n38	30	20	522000	25@12	CP_QPSK	U-ACLR11-	49.66	32.2	PASS
n38	30	20	522000	25@12	CP_QPSK	U-ACLR1+	50.51	32.2	PASS
n38	30	20	522000	25@12	CP_QPSK	U-ACLR2+	55.63	35.2	PASS
n38	30	20	522000	1@50	CP_QPSK	NR-ACLR1-	51.66	29.2	PASS
n38	30	20	522000	1@50	CP_QPSK	NR-ACLR1+	48.49	29.2	PASS
n38	30	20	522000	1@50	CP_QPSK	U-ACLR12-	58.43	35.2	PASS
n38	30	20	522000	1@50	CP_QPSK	U-ACLR11-	57.04	32.2	PASS
n38	30	20	522000	1@50	CP_QPSK	U-ACLR1+	51.65	32.2	PASS
n38	30	20	522000	1@50	CP_QPSK	U-ACLR2+	56.88	35.2	PASS
n38	30	20	522000	51@0	CP_QPSK	NR-ACLR1-	48.71	29.2	PASS
n38	30	20	522000	51@0	CP_QPSK	NR-ACLR1+	51.93	29.2	PASS
n38	30	20	522000	51@0	CP_QPSK	U-ACLR12-	56.82	35.2	PASS
n38	30	20	522000	51@0	CP_QPSK	U-ACLR11-	52.19	32.2	PASS
n38	30	20	522000	51@0	CP_QPSK	U-ACLR1+	57.23	32.2	PASS
n38	30	20	522000	51@0	CP_QPSK	U-ACLR2+	58.58	35.2	PASS
n38	30	20	522000	25@12	CP_QAM16	NR-ACLR1-	47.31	29.2	PASS
n38	30	20	522000	25@12	CP_QAM16	NR-ACLR1+	47.92	29.2	PASS
n38	30	20	522000	25@12	CP_QAM16	U-ACLR12-	55.06	35.2	PASS
n38	30	20	522000	25@12	CP_QAM16	U-ACLR11-	49.82	32.2	PASS
n38	30	20	522000	25@12	CP_QAM16	U-ACLR1+	50.63	32.2	PASS
n38	30	20	522000	25@12	CP_QAM16	U-ACLR2+	55.43	35.2	PASS
n38	30	20	522000	1@50	CP_QAM16	NR-ACLR1-	51.68	29.2	PASS

n38	30	20	522000	1@50	CP_QAM16	NR-ACLR1+	48.89	29.2	PASS
n38	30	20	522000	1@50	CP_QAM16	U-ACLR12-	58.45	35.2	PASS
n38	30	20	522000	1@50	CP_QAM16	U-ACLR11-	57.13	32.2	PASS
n38	30	20	522000	1@50	CP_QAM16	U-ACLR1+	52.34	32.2	PASS
n38	30	20	522000	1@50	CP_QAM16	U-ACLR2+	56.84	35.2	PASS
n38	30	20	522000	51@0	CP_QAM16	NR-ACLR1-	48.53	29.2	PASS
n38	30	20	522000	51@0	CP_QAM16	NR-ACLR1+	51.97	29.2	PASS
n38	30	20	522000	51@0	CP_QAM16	U-ACLR12-	57.06	35.2	PASS
n38	30	20	522000	51@0	CP_QAM16	U-ACLR11-	51.70	32.2	PASS
n38	30	20	522000	51@0	CP_QAM16	U-ACLR1+	57.50	32.2	PASS
n38	30	20	522000	51@0	CP_QAM16	U-ACLR2+	58.83	35.2	PASS
n38	30	20	522000	1@50	CP_QAM64	NR-ACLR1-	51.54	29.2	PASS
n38	30	20	522000	1@50	CP_QAM64	NR-ACLR1+	48.67	29.2	PASS
n38	30	20	522000	1@50	CP_QAM64	U-ACLR12-	58.26	35.2	PASS
n38	30	20	522000	1@50	CP_QAM64	U-ACLR11-	56.97	32.2	PASS
n38	30	20	522000	1@50	CP_QAM64	U-ACLR1+	52.08	32.2	PASS
n38	30	20	522000	1@50	CP_QAM64	U-ACLR2+	56.74	35.2	PASS
n38	30	20	522000	51@0	CP_QAM64	NR-ACLR1-	48.30	29.2	PASS
n38	30	20	522000	51@0	CP_QAM64	NR-ACLR1+	51.48	29.2	PASS
n38	30	20	522000	51@0	CP_QAM64	U-ACLR12-	56.69	35.2	PASS
n38	30	20	522000	51@0	CP_QAM64	U-ACLR11-	51.62	32.2	PASS
n38	30	20	522000	51@0	CP_QAM64	U-ACLR1+	57.14	32.2	PASS
n38	30	20	522000	51@0	CP_QAM64	U-ACLR2+	58.43	35.2	PASS
n38	30	20	522000	1@50	CP_QAM256	NR-ACLR1-	51.62	29.2	PASS
n38	30	20	522000	1@50	CP_QAM256	NR-ACLR1+	48.69	29.2	PASS
n38	30	20	522000	1@50	CP_QAM256	U-ACLR12-	58.63	35.2	PASS
n38	30	20	522000	1@50	CP_QAM256	U-ACLR11-	57.25	32.2	PASS
n38	30	20	522000	1@50	CP_QAM256	U-ACLR1+	51.89	32.2	PASS
n38	30	20	522000	1@50	CP_QAM256	U-ACLR2+	56.96	35.2	PASS
n38	30	20	522000	51@0	CP_QAM256	NR-ACLR1-	48.34	29.2	PASS
n38	30	20	522000	51@0	CP_QAM256	NR-ACLR1+	51.69	29.2	PASS
n38	30	20	522000	51@0	CP_QAM256	U-ACLR12-	56.64	35.2	PASS
n38	30	20	522000	51@0	CP_QAM256	U-ACLR11-	51.67	32.2	PASS
n38	30	20	522000	51@0	CP_QAM256	U-ACLR1+	57.13	32.2	PASS
n38	30	20	522000	51@0	CP_QAM256	U-ACLR2+	58.38	35.2	PASS
n77	30	10	620334	12@6	DFT_BPSK	NR-ACLR1-	51.84	29.2	PASS
n77	30	10	620334	12@6	DFT_BPSK	NR-ACLR1+	51.84	29.2	PASS
n77	30	10	620334	12@6	DFT_BPSK	U-ACLR12-	58.21	35.2	PASS
n77	30	10	620334	12@6	DFT_BPSK	U-ACLR11-	54.13	32.2	PASS
n77	30	10	620334	12@6	DFT_BPSK	U-ACLR1+	54.08	32.2	PASS
n77	30	10	620334	12@6	DFT_BPSK	U-ACLR2+	58.31	35.2	PASS
n77	30	10	620334	1@0	DFT_BPSK	NR-ACLR1-	50.70	29.2	PASS
n77	30	10	620334	1@0	DFT_BPSK	NR-ACLR1+	54.20	29.2	PASS
n77	30	10	620334	1@0	DFT_BPSK	U-ACLR12-	58.70	35.2	PASS

n77	30	10	620334	1@0	DFT_BPSK	U-ACLR11-	53.77	32.2	PASS
n77	30	10	620334	1@0	DFT_BPSK	U-ACLR1+	57.03	32.2	PASS
n77	30	10	620334	1@0	DFT_BPSK	U-ACLR2+	59.45	35.2	PASS
n77	30	10	620334	24@0	DFT_BPSK	NR-ACLR1-	48.45	29.2	PASS
n77	30	10	620334	24@0	DFT_BPSK	NR-ACLR1+	49.28	29.2	PASS
n77	30	10	620334	24@0	DFT_BPSK	U-ACLR12-	55.58	35.2	PASS
n77	30	10	620334	24@0	DFT_BPSK	U-ACLR11-	50.43	32.2	PASS
n77	30	10	620334	24@0	DFT_BPSK	U-ACLR1+	51.38	32.2	PASS
n77	30	10	620334	24@0	DFT_BPSK	U-ACLR2+	55.78	35.2	PASS
n77	30	10	620334	12@6	DFT_QPSK	NR-ACLR1-	49.31	29.2	PASS
n77	30	10	620334	12@6	DFT_QPSK	NR-ACLR1+	49.36	29.2	PASS
n77	30	10	620334	12@6	DFT_QPSK	U-ACLR12-	58.01	35.2	PASS
n77	30	10	620334	12@6	DFT_QPSK	U-ACLR11-	51.08	32.2	PASS
n77	30	10	620334	12@6	DFT_QPSK	U-ACLR1+	51.15	32.2	PASS
n77	30	10	620334	12@6	DFT_QPSK	U-ACLR2+	58.08	35.2	PASS
n77	30	10	620334	1@0	DFT_QPSK	NR-ACLR1-	50.57	29.2	PASS
n77	30	10	620334	1@0	DFT_QPSK	NR-ACLR1+	53.69	29.2	PASS
n77	30	10	620334	1@0	DFT_QPSK	U-ACLR12-	58.30	35.2	PASS
n77	30	10	620334	1@0	DFT_QPSK	U-ACLR11-	53.62	32.2	PASS
n77	30	10	620334	1@0	DFT_QPSK	U-ACLR1+	56.51	32.2	PASS
n77	30	10	620334	1@0	DFT_QPSK	U-ACLR2+	58.98	35.2	PASS
n77	30	10	620334	24@0	DFT_QPSK	NR-ACLR1-	46.49	29.2	PASS
n77	30	10	620334	24@0	DFT_QPSK	NR-ACLR1+	47.30	29.2	PASS
n77	30	10	620334	24@0	DFT_QPSK	U-ACLR12-	52.37	35.2	PASS
n77	30	10	620334	24@0	DFT_QPSK	U-ACLR11-	49.11	32.2	PASS
n77	30	10	620334	24@0	DFT_QPSK	U-ACLR1+	50.15	32.2	PASS
n77	30	10	620334	24@0	DFT_QPSK	U-ACLR2+	52.68	35.2	PASS
n77	30	10	620334	12@6	DFT_QAM16	NR-ACLR1-	49.63	29.2	PASS
n77	30	10	620334	12@6	DFT_QAM16	NR-ACLR1+	49.75	29.2	PASS
n77	30	10	620334	12@6	DFT_QAM16	U-ACLR12-	57.60	35.2	PASS
n77	30	10	620334	12@6	DFT_QAM16	U-ACLR11-	51.47	32.2	PASS
n77	30	10	620334	12@6	DFT_QAM16	U-ACLR1+	51.57	32.2	PASS
n77	30	10	620334	12@6	DFT_QAM16	U-ACLR2+	57.71	35.2	PASS
n77	30	10	620334	1@0	DFT_QAM16	NR-ACLR1-	50.22	29.2	PASS
n77	30	10	620334	1@0	DFT_QAM16	NR-ACLR1+	52.95	29.2	PASS
n77	30	10	620334	1@0	DFT_QAM16	U-ACLR12-	57.91	35.2	PASS
n77	30	10	620334	1@0	DFT_QAM16	U-ACLR11-	53.21	32.2	PASS
n77	30	10	620334	1@0	DFT_QAM16	U-ACLR1+	56.00	32.2	PASS
n77	30	10	620334	1@0	DFT_QAM16	U-ACLR2+	57.78	35.2	PASS
n77	30	10	620334	24@0	DFT_QAM16	NR-ACLR1-	45.90	29.2	PASS
n77	30	10	620334	24@0	DFT_QAM16	NR-ACLR1+	46.52	29.2	PASS
n77	30	10	620334	24@0	DFT_QAM16	U-ACLR12-	53.15	35.2	PASS
n77	30	10	620334	24@0	DFT_QAM16	U-ACLR11-	47.94	32.2	PASS
n77	30	10	620334	24@0	DFT_QAM16	U-ACLR1+	48.72	32.2	PASS

n77	30	10	620334	24@0	DFT_QAM16	U-ACLR2+	53.30	35.2	PASS
n77	30	10	620334	1@0	DFT_QAM64	NR-ACLR1-	50.37	29.2	PASS
n77	30	10	620334	1@0	DFT_QAM64	NR-ACLR1+	52.97	29.2	PASS
n77	30	10	620334	1@0	DFT_QAM64	U-ACLR12-	57.69	35.2	PASS
n77	30	10	620334	1@0	DFT_QAM64	U-ACLR11-	53.29	32.2	PASS
n77	30	10	620334	1@0	DFT_QAM64	U-ACLR1+	55.89	32.2	PASS
n77	30	10	620334	1@0	DFT_QAM64	U-ACLR2+	58.05	35.2	PASS
n77	30	10	620334	24@0	DFT_QAM64	NR-ACLR1-	45.69	29.2	PASS
n77	30	10	620334	24@0	DFT_QAM64	NR-ACLR1+	46.17	29.2	PASS
n77	30	10	620334	24@0	DFT_QAM64	U-ACLR12-	53.26	35.2	PASS
n77	30	10	620334	24@0	DFT_QAM64	U-ACLR11-	47.68	32.2	PASS
n77	30	10	620334	24@0	DFT_QAM64	U-ACLR1+	48.29	32.2	PASS
n77	30	10	620334	24@0	DFT_QAM64	U-ACLR2+	53.32	35.2	PASS
n77	30	10	620334	1@0	DFT_QAM256	NR-ACLR1-	49.40	29.2	PASS
n77	30	10	620334	1@0	DFT_QAM256	NR-ACLR1+	51.58	29.2	PASS
n77	30	10	620334	1@0	DFT_QAM256	U-ACLR12-	55.91	35.2	PASS
n77	30	10	620334	1@0	DFT_QAM256	U-ACLR11-	52.59	32.2	PASS
n77	30	10	620334	1@0	DFT_QAM256	U-ACLR1+	54.71	32.2	PASS
n77	30	10	620334	1@0	DFT_QAM256	U-ACLR2+	56.37	35.2	PASS
n77	30	10	620334	24@0	DFT_QAM256	NR-ACLR1-	44.82	29.2	PASS
n77	30	10	620334	24@0	DFT_QAM256	NR-ACLR1+	45.44	29.2	PASS
n77	30	10	620334	24@0	DFT_QAM256	U-ACLR12-	53.16	35.2	PASS
n77	30	10	620334	24@0	DFT_QAM256	U-ACLR11-	46.65	32.2	PASS
n77	30	10	620334	24@0	DFT_QAM256	U-ACLR1+	47.33	32.2	PASS
n77	30	10	620334	24@0	DFT_QAM256	U-ACLR2+	53.44	35.2	PASS
n77	30	10	620334	12@6	CP_QPSK	NR-ACLR1-	46.01	29.2	PASS
n77	30	10	620334	12@6	CP_QPSK	NR-ACLR1+	46.21	29.2	PASS
n77	30	10	620334	12@6	CP_QPSK	U-ACLR12-	53.02	35.2	PASS
n77	30	10	620334	12@6	CP_QPSK	U-ACLR11-	48.11	32.2	PASS
n77	30	10	620334	12@6	CP_QPSK	U-ACLR1+	48.33	32.2	PASS
n77	30	10	620334	12@6	CP_QPSK	U-ACLR2+	53.10	35.2	PASS
n77	30	10	620334	1@0	CP_QPSK	NR-ACLR1-	49.63	29.2	PASS
n77	30	10	620334	1@0	CP_QPSK	NR-ACLR1+	51.90	29.2	PASS
n77	30	10	620334	1@0	CP_QPSK	U-ACLR12-	57.10	35.2	PASS
n77	30	10	620334	1@0	CP_QPSK	U-ACLR11-	52.59	32.2	PASS
n77	30	10	620334	1@0	CP_QPSK	U-ACLR1+	54.90	32.2	PASS
n77	30	10	620334	1@0	CP_QPSK	U-ACLR2+	56.84	35.2	PASS
n77	30	10	620334	24@0	CP_QPSK	NR-ACLR1-	46.02	29.2	PASS
n77	30	10	620334	24@0	CP_QPSK	NR-ACLR1+	46.09	29.2	PASS
n77	30	10	620334	24@0	CP_QPSK	U-ACLR12-	53.10	35.2	PASS
n77	30	10	620334	24@0	CP_QPSK	U-ACLR11-	48.05	32.2	PASS
n77	30	10	620334	24@0	CP_QPSK	U-ACLR1+	48.18	32.2	PASS
n77	30	10	620334	24@0	CP_QPSK	U-ACLR2+	53.05	35.2	PASS
n77	30	10	620334	12@6	CP_QAM16	NR-ACLR1-	49.31	29.2	PASS

n77	30	10	620334	12@6	CP_QAM16	NR-ACLR1+	49.32	29.2	PASS
n77	30	10	620334	12@6	CP_QAM16	U-ACLR12-	56.45	35.2	PASS
n77	30	10	620334	12@6	CP_QAM16	U-ACLR11-	51.31	32.2	PASS
n77	30	10	620334	12@6	CP_QAM16	U-ACLR1+	51.27	32.2	PASS
n77	30	10	620334	12@6	CP_QAM16	U-ACLR2+	56.66	35.2	PASS
n77	30	10	620334	1@0	CP_QAM16	NR-ACLR1-	49.32	29.2	PASS
n77	30	10	620334	1@0	CP_QAM16	NR-ACLR1+	51.75	29.2	PASS
n77	30	10	620334	1@0	CP_QAM16	U-ACLR12-	56.77	35.2	PASS
n77	30	10	620334	1@0	CP_QAM16	U-ACLR11-	52.33	32.2	PASS
n77	30	10	620334	1@0	CP_QAM16	U-ACLR1+	54.73	32.2	PASS
n77	30	10	620334	1@0	CP_QAM16	U-ACLR2+	56.71	35.2	PASS
n77	30	10	620334	24@0	CP_QAM16	NR-ACLR1-	44.79	29.2	PASS
n77	30	10	620334	24@0	CP_QAM16	NR-ACLR1+	45.11	29.2	PASS
n77	30	10	620334	24@0	CP_QAM16	U-ACLR12-	52.20	35.2	PASS
n77	30	10	620334	24@0	CP_QAM16	U-ACLR11-	46.74	32.2	PASS
n77	30	10	620334	24@0	CP_QAM16	U-ACLR1+	47.12	32.2	PASS
n77	30	10	620334	24@0	CP_QAM16	U-ACLR2+	52.28	35.2	PASS
n77	30	10	620334	1@0	CP_QAM64	NR-ACLR1-	49.45	29.2	PASS
n77	30	10	620334	1@0	CP_QAM64	NR-ACLR1+	51.68	29.2	PASS
n77	30	10	620334	1@0	CP_QAM64	U-ACLR12-	56.61	35.2	PASS
n77	30	10	620334	1@0	CP_QAM64	U-ACLR11-	52.39	32.2	PASS
n77	30	10	620334	1@0	CP_QAM64	U-ACLR1+	54.61	32.2	PASS
n77	30	10	620334	1@0	CP_QAM64	U-ACLR2+	56.73	35.2	PASS
n77	30	10	620334	24@0	CP_QAM64	NR-ACLR1-	44.89	29.2	PASS
n77	30	10	620334	24@0	CP_QAM64	NR-ACLR1+	45.32	29.2	PASS
n77	30	10	620334	24@0	CP_QAM64	U-ACLR12-	52.64	35.2	PASS
n77	30	10	620334	24@0	CP_QAM64	U-ACLR11-	46.82	32.2	PASS
n77	30	10	620334	24@0	CP_QAM64	U-ACLR1+	47.30	32.2	PASS
n77	30	10	620334	24@0	CP_QAM64	U-ACLR2+	52.64	35.2	PASS
n77	30	10	620334	1@0	CP_QAM256	NR-ACLR1-	47.22	29.2	PASS
n77	30	10	620334	1@0	CP_QAM256	NR-ACLR1+	48.61	29.2	PASS
n77	30	10	620334	1@0	CP_QAM256	U-ACLR12-	52.95	35.2	PASS
n77	30	10	620334	1@0	CP_QAM256	U-ACLR11-	50.51	32.2	PASS
n77	30	10	620334	1@0	CP_QAM256	U-ACLR1+	52.16	32.2	PASS
n77	30	10	620334	1@0	CP_QAM256	U-ACLR2+	52.76	35.2	PASS
n77	30	10	620334	24@0	CP_QAM256	NR-ACLR1-	45.06	29.2	PASS
n77	30	10	620334	24@0	CP_QAM256	NR-ACLR1+	45.50	29.2	PASS
n77	30	10	620334	24@0	CP_QAM256	U-ACLR12-	54.32	35.2	PASS
n77	30	10	620334	24@0	CP_QAM256	U-ACLR11-	46.58	32.2	PASS
n77	30	10	620334	24@0	CP_QAM256	U-ACLR1+	47.06	32.2	PASS
n77	30	10	620334	24@0	CP_QAM256	U-ACLR2+	54.37	35.2	PASS
n77	30	10	679666	12@6	DFT_BPSK	NR-ACLR1-	50.46	29.2	PASS
n77	30	10	679666	12@6	DFT_BPSK	NR-ACLR1+	50.92	29.2	PASS
n77	30	10	679666	12@6	DFT_BPSK	U-ACLR12-	57.37	35.2	PASS

n77	30	10	679666	12@6	DFT_BPSK	U-ACLR11-	52.87	32.2	PASS
n77	30	10	679666	12@6	DFT_BPSK	U-ACLR1+	53.30	32.2	PASS
n77	30	10	679666	12@6	DFT_BPSK	U-ACLR2+	57.74	35.2	PASS
n77	30	10	679666	1@23	DFT_BPSK	NR-ACLR1-	50.57	29.2	PASS
n77	30	10	679666	1@23	DFT_BPSK	NR-ACLR1+	49.09	29.2	PASS
n77	30	10	679666	1@23	DFT_BPSK	U-ACLR12-	55.23	35.2	PASS
n77	30	10	679666	1@23	DFT_BPSK	U-ACLR11-	53.70	32.2	PASS
n77	30	10	679666	1@23	DFT_BPSK	U-ACLR1+	51.99	32.2	PASS
n77	30	10	679666	1@23	DFT_BPSK	U-ACLR2+	56.24	35.2	PASS
n77	30	10	679666	24@0	DFT_BPSK	NR-ACLR1-	42.27	29.2	PASS
n77	30	10	679666	24@0	DFT_BPSK	NR-ACLR1+	43.57	29.2	PASS
n77	30	10	679666	24@0	DFT_BPSK	U-ACLR12-	52.16	35.2	PASS
n77	30	10	679666	24@0	DFT_BPSK	U-ACLR11-	43.76	32.2	PASS
n77	30	10	679666	24@0	DFT_BPSK	U-ACLR1+	45.19	32.2	PASS
n77	30	10	679666	24@0	DFT_BPSK	U-ACLR2+	52.99	35.2	PASS
n77	30	10	679666	12@6	DFT_QPSK	NR-ACLR1-	48.54	29.2	PASS
n77	30	10	679666	12@6	DFT_QPSK	NR-ACLR1+	49.45	29.2	PASS
n77	30	10	679666	12@6	DFT_QPSK	U-ACLR12-	58.15	35.2	PASS
n77	30	10	679666	12@6	DFT_QPSK	U-ACLR11-	50.57	32.2	PASS
n77	30	10	679666	12@6	DFT_QPSK	U-ACLR1+	51.51	32.2	PASS
n77	30	10	679666	12@6	DFT_QPSK	U-ACLR2+	58.41	35.2	PASS
n77	30	10	679666	1@23	DFT_QPSK	NR-ACLR1-	53.81	29.2	PASS
n77	30	10	679666	1@23	DFT_QPSK	NR-ACLR1+	50.62	29.2	PASS
n77	30	10	679666	1@23	DFT_QPSK	U-ACLR12-	59.09	35.2	PASS
n77	30	10	679666	1@23	DFT_QPSK	U-ACLR11-	56.63	32.2	PASS
n77	30	10	679666	1@23	DFT_QPSK	U-ACLR1+	53.52	32.2	PASS
n77	30	10	679666	1@23	DFT_QPSK	U-ACLR2+	58.72	35.2	PASS
n77	30	10	679666	24@0	DFT_QPSK	NR-ACLR1-	42.43	29.2	PASS
n77	30	10	679666	24@0	DFT_QPSK	NR-ACLR1+	44.04	29.2	PASS
n77	30	10	679666	24@0	DFT_QPSK	U-ACLR12-	51.01	35.2	PASS
n77	30	10	679666	24@0	DFT_QPSK	U-ACLR11-	44.22	32.2	PASS
n77	30	10	679666	24@0	DFT_QPSK	U-ACLR1+	46.02	32.2	PASS
n77	30	10	679666	24@0	DFT_QPSK	U-ACLR2+	51.85	35.2	PASS
n77	30	10	679666	12@6	DFT_QAM16	NR-ACLR1-	48.59	29.2	PASS
n77	30	10	679666	12@6	DFT_QAM16	NR-ACLR1+	49.36	29.2	PASS
n77	30	10	679666	12@6	DFT_QAM16	U-ACLR12-	57.68	35.2	PASS
n77	30	10	679666	12@6	DFT_QAM16	U-ACLR11-	50.53	32.2	PASS
n77	30	10	679666	12@6	DFT_QAM16	U-ACLR1+	51.26	32.2	PASS
n77	30	10	679666	12@6	DFT_QAM16	U-ACLR2+	57.97	35.2	PASS
n77	30	10	679666	1@23	DFT_QAM16	NR-ACLR1-	53.19	29.2	PASS
n77	30	10	679666	1@23	DFT_QAM16	NR-ACLR1+	50.51	29.2	PASS
n77	30	10	679666	1@23	DFT_QAM16	U-ACLR12-	58.43	35.2	PASS
n77	30	10	679666	1@23	DFT_QAM16	U-ACLR11-	56.03	32.2	PASS
n77	30	10	679666	1@23	DFT_QAM16	U-ACLR1+	53.34	32.2	PASS

n77	30	10	679666	1@23	DFT_QAM16	U-ACLR2+	58.37	35.2	PASS
n77	30	10	679666	24@0	DFT_QAM16	NR-ACLR1-	42.17	29.2	PASS
n77	30	10	679666	24@0	DFT_QAM16	NR-ACLR1+	43.70	29.2	PASS
n77	30	10	679666	24@0	DFT_QAM16	U-ACLR12-	51.98	35.2	PASS
n77	30	10	679666	24@0	DFT_QAM16	U-ACLR11-	43.64	32.2	PASS
n77	30	10	679666	24@0	DFT_QAM16	U-ACLR1+	45.34	32.2	PASS
n77	30	10	679666	24@0	DFT_QAM16	U-ACLR2+	52.66	35.2	PASS
n77	30	10	679666	1@23	DFT_QAM64	NR-ACLR1-	53.00	29.2	PASS
n77	30	10	679666	1@23	DFT_QAM64	NR-ACLR1+	50.32	29.2	PASS
n77	30	10	679666	1@23	DFT_QAM64	U-ACLR12-	58.18	35.2	PASS
n77	30	10	679666	1@23	DFT_QAM64	U-ACLR11-	55.86	32.2	PASS
n77	30	10	679666	1@23	DFT_QAM64	U-ACLR1+	53.23	32.2	PASS
n77	30	10	679666	1@23	DFT_QAM64	U-ACLR2+	58.18	35.2	PASS
n77	30	10	679666	24@0	DFT_QAM64	NR-ACLR1-	42.30	29.2	PASS
n77	30	10	679666	24@0	DFT_QAM64	NR-ACLR1+	43.41	29.2	PASS
n77	30	10	679666	24@0	DFT_QAM64	U-ACLR12-	51.80	35.2	PASS
n77	30	10	679666	24@0	DFT_QAM64	U-ACLR11-	43.88	32.2	PASS
n77	30	10	679666	24@0	DFT_QAM64	U-ACLR1+	45.06	32.2	PASS
n77	30	10	679666	24@0	DFT_QAM64	U-ACLR2+	52.33	35.2	PASS
n77	30	10	679666	1@23	DFT_QAM256	NR-ACLR1-	52.51	29.2	PASS
n77	30	10	679666	1@23	DFT_QAM256	NR-ACLR1+	50.18	29.2	PASS
n77	30	10	679666	1@23	DFT_QAM256	U-ACLR12-	57.54	35.2	PASS
n77	30	10	679666	1@23	DFT_QAM256	U-ACLR11-	55.49	32.2	PASS
n77	30	10	679666	1@23	DFT_QAM256	U-ACLR1+	53.07	32.2	PASS
n77	30	10	679666	1@23	DFT_QAM256	U-ACLR2+	57.59	35.2	PASS
n77	30	10	679666	24@0	DFT_QAM256	NR-ACLR1-	42.08	29.2	PASS
n77	30	10	679666	24@0	DFT_QAM256	NR-ACLR1+	43.46	29.2	PASS
n77	30	10	679666	24@0	DFT_QAM256	U-ACLR12-	52.05	35.2	PASS
n77	30	10	679666	24@0	DFT_QAM256	U-ACLR11-	43.57	32.2	PASS
n77	30	10	679666	24@0	DFT_QAM256	U-ACLR1+	45.06	32.2	PASS
n77	30	10	679666	24@0	DFT_QAM256	U-ACLR2+	52.97	35.2	PASS
n77	30	10	679666	12@6	CP_QPSK	NR-ACLR1-	50.28	29.2	PASS
n77	30	10	679666	12@6	CP_QPSK	NR-ACLR1+	50.64	29.2	PASS
n77	30	10	679666	12@6	CP_QPSK	U-ACLR12-	57.19	35.2	PASS
n77	30	10	679666	12@6	CP_QPSK	U-ACLR11-	52.70	32.2	PASS
n77	30	10	679666	12@6	CP_QPSK	U-ACLR1+	52.95	32.2	PASS
n77	30	10	679666	12@6	CP_QPSK	U-ACLR2+	57.52	35.2	PASS
n77	30	10	679666	1@23	CP_QPSK	NR-ACLR1-	52.39	29.2	PASS
n77	30	10	679666	1@23	CP_QPSK	NR-ACLR1+	50.09	29.2	PASS
n77	30	10	679666	1@23	CP_QPSK	U-ACLR12-	57.42	35.2	PASS
n77	30	10	679666	1@23	CP_QPSK	U-ACLR11-	55.37	32.2	PASS
n77	30	10	679666	1@23	CP_QPSK	U-ACLR1+	53.01	32.2	PASS
n77	30	10	679666	1@23	CP_QPSK	U-ACLR2+	57.50	35.2	PASS
n77	30	10	679666	24@0	CP_QPSK	NR-ACLR1-	42.18	29.2	PASS

n77	30	10	679666	24@0	CP_QPSK	NR-ACLR1+	43.56	29.2	PASS
n77	30	10	679666	24@0	CP_QPSK	U-ACLR12-	52.11	35.2	PASS
n77	30	10	679666	24@0	CP_QPSK	U-ACLR11-	43.68	32.2	PASS
n77	30	10	679666	24@0	CP_QPSK	U-ACLR1+	45.18	32.2	PASS
n77	30	10	679666	24@0	CP_QPSK	U-ACLR2+	52.97	35.2	PASS
n77	30	10	679666	12@6	CP_QAM16	NR-ACLR1-	50.19	29.2	PASS
n77	30	10	679666	12@6	CP_QAM16	NR-ACLR1+	50.59	29.2	PASS
n77	30	10	679666	12@6	CP_QAM16	U-ACLR12-	57.14	35.2	PASS
n77	30	10	679666	12@6	CP_QAM16	U-ACLR11-	52.58	32.2	PASS
n77	30	10	679666	12@6	CP_QAM16	U-ACLR1+	52.92	32.2	PASS
n77	30	10	679666	12@6	CP_QAM16	U-ACLR2+	57.49	35.2	PASS
n77	30	10	679666	1@23	CP_QAM16	NR-ACLR1-	52.35	29.2	PASS
n77	30	10	679666	1@23	CP_QAM16	NR-ACLR1+	49.94	29.2	PASS
n77	30	10	679666	1@23	CP_QAM16	U-ACLR12-	57.33	35.2	PASS
n77	30	10	679666	1@23	CP_QAM16	U-ACLR11-	55.32	32.2	PASS
n77	30	10	679666	1@23	CP_QAM16	U-ACLR1+	52.92	32.2	PASS
n77	30	10	679666	1@23	CP_QAM16	U-ACLR2+	57.51	35.2	PASS
n77	30	10	679666	24@0	CP_QAM16	NR-ACLR1-	42.19	29.2	PASS
n77	30	10	679666	24@0	CP_QAM16	NR-ACLR1+	43.52	29.2	PASS
n77	30	10	679666	24@0	CP_QAM16	U-ACLR12-	52.15	35.2	PASS
n77	30	10	679666	24@0	CP_QAM16	U-ACLR11-	43.67	32.2	PASS
n77	30	10	679666	24@0	CP_QAM16	U-ACLR1+	45.12	32.2	PASS
n77	30	10	679666	24@0	CP_QAM16	U-ACLR2+	53.03	35.2	PASS
n77	30	10	679666	1@23	CP_QAM64	NR-ACLR1-	52.49	29.2	PASS
n77	30	10	679666	1@23	CP_QAM64	NR-ACLR1+	50.11	29.2	PASS
n77	30	10	679666	1@23	CP_QAM64	U-ACLR12-	57.47	35.2	PASS
n77	30	10	679666	1@23	CP_QAM64	U-ACLR11-	55.50	32.2	PASS
n77	30	10	679666	1@23	CP_QAM64	U-ACLR1+	53.05	32.2	PASS
n77	30	10	679666	1@23	CP_QAM64	U-ACLR2+	57.65	35.2	PASS
n77	30	10	679666	24@0	CP_QAM64	NR-ACLR1-	41.47	29.2	PASS
n77	30	10	679666	24@0	CP_QAM64	NR-ACLR1+	42.64	29.2	PASS
n77	30	10	679666	24@0	CP_QAM64	U-ACLR12-	51.59	35.2	PASS
n77	30	10	679666	24@0	CP_QAM64	U-ACLR11-	42.90	32.2	PASS
n77	30	10	679666	24@0	CP_QAM64	U-ACLR1+	44.14	32.2	PASS
n77	30	10	679666	24@0	CP_QAM64	U-ACLR2+	52.15	35.2	PASS
n77	30	10	679666	1@23	CP_QAM256	NR-ACLR1-	50.70	29.2	PASS
n77	30	10	679666	1@23	CP_QAM256	NR-ACLR1+	49.07	29.2	PASS
n77	30	10	679666	1@23	CP_QAM256	U-ACLR12-	55.46	35.2	PASS
n77	30	10	679666	1@23	CP_QAM256	U-ACLR11-	53.79	32.2	PASS
n77	30	10	679666	1@23	CP_QAM256	U-ACLR1+	51.97	32.2	PASS
n77	30	10	679666	1@23	CP_QAM256	U-ACLR2+	56.19	35.2	PASS
n77	30	10	679666	24@0	CP_QAM256	NR-ACLR1-	42.34	29.2	PASS
n77	30	10	679666	24@0	CP_QAM256	NR-ACLR1+	43.38	29.2	PASS
n77	30	10	679666	24@0	CP_QAM256	U-ACLR12-	52.83	35.2	PASS

n77	30	10	679666	24@0	CP_QAM256	U-ACLR11-	43.70	32.2	PASS
n77	30	10	679666	24@0	CP_QAM256	U-ACLR1+	44.78	32.2	PASS
n77	30	10	679666	24@0	CP_QAM256	U-ACLR2+	53.30	35.2	PASS
n77	30	100	623334	135@67	DFT_BPSK	NR-ACLR1-	42.71	29.2	PASS
n77	30	100	623334	135@67	DFT_BPSK	NR-ACLR1+	44.46	29.2	PASS
n77	30	100	623334	135@67	DFT_BPSK	U-ACLR12-	54.41	35.2	PASS
n77	30	100	623334	135@67	DFT_BPSK	U-ACLR11-	53.64	32.2	PASS
n77	30	100	623334	135@67	DFT_BPSK	U-ACLR1+	54.74	32.2	PASS
n77	30	100	623334	135@67	DFT_BPSK	U-ACLR2+	55.78	35.2	PASS
n77	30	100	623334	1@0	DFT_BPSK	NR-ACLR1-	41.45	29.2	PASS
n77	30	100	623334	1@0	DFT_BPSK	NR-ACLR1+	43.43	29.2	PASS
n77	30	100	623334	1@0	DFT_BPSK	U-ACLR12-	54.33	35.2	PASS
n77	30	100	623334	1@0	DFT_BPSK	U-ACLR11-	49.18	32.2	PASS
n77	30	100	623334	1@0	DFT_BPSK	U-ACLR1+	55.96	32.2	PASS
n77	30	100	623334	1@0	DFT_BPSK	U-ACLR2+	56.14	35.2	PASS
n77	30	100	623334	270@0	DFT_BPSK	NR-ACLR1-	40.52	29.2	PASS
n77	30	100	623334	270@0	DFT_BPSK	NR-ACLR1+	42.30	29.2	PASS
n77	30	100	623334	270@0	DFT_BPSK	U-ACLR12-	52.45	35.2	PASS
n77	30	100	623334	270@0	DFT_BPSK	U-ACLR11-	52.10	32.2	PASS
n77	30	100	623334	270@0	DFT_BPSK	U-ACLR1+	53.39	32.2	PASS
n77	30	100	623334	270@0	DFT_BPSK	U-ACLR2+	53.69	35.2	PASS
n77	30	100	623334	135@67	DFT_QPSK	NR-ACLR1-	42.67	29.2	PASS
n77	30	100	623334	135@67	DFT_QPSK	NR-ACLR1+	44.39	29.2	PASS
n77	30	100	623334	135@67	DFT_QPSK	U-ACLR12-	54.38	35.2	PASS
n77	30	100	623334	135@67	DFT_QPSK	U-ACLR11-	53.47	32.2	PASS
n77	30	100	623334	135@67	DFT_QPSK	U-ACLR1+	54.73	32.2	PASS
n77	30	100	623334	135@67	DFT_QPSK	U-ACLR2+	55.78	35.2	PASS
n77	30	100	623334	1@0	DFT_QPSK	NR-ACLR1-	41.43	29.2	PASS
n77	30	100	623334	1@0	DFT_QPSK	NR-ACLR1+	43.41	29.2	PASS
n77	30	100	623334	1@0	DFT_QPSK	U-ACLR12-	54.24	35.2	PASS
n77	30	100	623334	1@0	DFT_QPSK	U-ACLR11-	49.29	32.2	PASS
n77	30	100	623334	1@0	DFT_QPSK	U-ACLR1+	55.98	32.2	PASS
n77	30	100	623334	1@0	DFT_QPSK	U-ACLR2+	56.09	35.2	PASS
n77	30	100	623334	270@0	DFT_QPSK	NR-ACLR1-	40.26	29.2	PASS
n77	30	100	623334	270@0	DFT_QPSK	NR-ACLR1+	42.46	29.2	PASS
n77	30	100	623334	270@0	DFT_QPSK	U-ACLR12-	52.11	35.2	PASS
n77	30	100	623334	270@0	DFT_QPSK	U-ACLR11-	51.79	32.2	PASS
n77	30	100	623334	270@0	DFT_QPSK	U-ACLR1+	53.52	32.2	PASS
n77	30	100	623334	270@0	DFT_QPSK	U-ACLR2+	53.92	35.2	PASS
n77	30	100	623334	135@67	DFT_QAM16	NR-ACLR1-	42.79	29.2	PASS
n77	30	100	623334	135@67	DFT_QAM16	NR-ACLR1+	44.40	29.2	PASS
n77	30	100	623334	135@67	DFT_QAM16	U-ACLR12-	54.58	35.2	PASS
n77	30	100	623334	135@67	DFT_QAM16	U-ACLR11-	53.72	32.2	PASS
n77	30	100	623334	135@67	DFT_QAM16	U-ACLR1+	54.77	32.2	PASS

n77	30	100	623334	135@67	DFT_QAM16	U-ACLR2+	55.69	35.2	PASS
n77	30	100	623334	1@0	DFT_QAM16	NR-ACLR1-	41.28	29.2	PASS
n77	30	100	623334	1@0	DFT_QAM16	NR-ACLR1+	43.33	29.2	PASS
n77	30	100	623334	1@0	DFT_QAM16	U-ACLR12-	54.27	35.2	PASS
n77	30	100	623334	1@0	DFT_QAM16	U-ACLR11-	48.63	32.2	PASS
n77	30	100	623334	1@0	DFT_QAM16	U-ACLR1+	55.93	32.2	PASS
n77	30	100	623334	1@0	DFT_QAM16	U-ACLR2+	56.13	35.2	PASS
n77	30	100	623334	270@0	DFT_QAM16	NR-ACLR1-	40.43	29.2	PASS
n77	30	100	623334	270@0	DFT_QAM16	NR-ACLR1+	42.37	29.2	PASS
n77	30	100	623334	270@0	DFT_QAM16	U-ACLR12-	52.28	35.2	PASS
n77	30	100	623334	270@0	DFT_QAM16	U-ACLR11-	51.91	32.2	PASS
n77	30	100	623334	270@0	DFT_QAM16	U-ACLR1+	53.43	32.2	PASS
n77	30	100	623334	270@0	DFT_QAM16	U-ACLR2+	53.84	35.2	PASS
n77	30	100	623334	1@0	DFT_QAM64	NR-ACLR1-	41.77	29.2	PASS
n77	30	100	623334	1@0	DFT_QAM64	NR-ACLR1+	43.77	29.2	PASS
n77	30	100	623334	1@0	DFT_QAM64	U-ACLR12-	54.51	35.2	PASS
n77	30	100	623334	1@0	DFT_QAM64	U-ACLR11-	48.76	32.2	PASS
n77	30	100	623334	1@0	DFT_QAM64	U-ACLR1+	56.30	32.2	PASS
n77	30	100	623334	1@0	DFT_QAM64	U-ACLR2+	56.47	35.2	PASS
n77	30	100	623334	270@0	DFT_QAM64	NR-ACLR1-	40.74	29.2	PASS
n77	30	100	623334	270@0	DFT_QAM64	NR-ACLR1+	42.13	29.2	PASS
n77	30	100	623334	270@0	DFT_QAM64	U-ACLR12-	52.65	35.2	PASS
n77	30	100	623334	270@0	DFT_QAM64	U-ACLR11-	52.37	32.2	PASS
n77	30	100	623334	270@0	DFT_QAM64	U-ACLR1+	53.24	32.2	PASS
n77	30	100	623334	270@0	DFT_QAM64	U-ACLR2+	53.56	35.2	PASS
n77	30	100	623334	1@0	DFT_QAM256	NR-ACLR1-	41.73	29.2	PASS
n77	30	100	623334	1@0	DFT_QAM256	NR-ACLR1+	43.77	29.2	PASS
n77	30	100	623334	1@0	DFT_QAM256	U-ACLR12-	54.59	35.2	PASS
n77	30	100	623334	1@0	DFT_QAM256	U-ACLR11-	48.60	32.2	PASS
n77	30	100	623334	1@0	DFT_QAM256	U-ACLR1+	56.28	32.2	PASS
n77	30	100	623334	1@0	DFT_QAM256	U-ACLR2+	56.46	35.2	PASS
n77	30	100	623334	270@0	DFT_QAM256	NR-ACLR1-	40.73	29.2	PASS
n77	30	100	623334	270@0	DFT_QAM256	NR-ACLR1+	42.12	29.2	PASS
n77	30	100	623334	270@0	DFT_QAM256	U-ACLR12-	52.66	35.2	PASS
n77	30	100	623334	270@0	DFT_QAM256	U-ACLR11-	52.29	32.2	PASS
n77	30	100	623334	270@0	DFT_QAM256	U-ACLR1+	53.27	32.2	PASS
n77	30	100	623334	270@0	DFT_QAM256	U-ACLR2+	53.55	35.2	PASS
n77	30	100	623334	137@68	CP_QPSK	NR-ACLR1-	42.08	29.2	PASS
n77	30	100	623334	137@68	CP_QPSK	NR-ACLR1+	43.32	29.2	PASS
n77	30	100	623334	137@68	CP_QPSK	U-ACLR12-	53.82	35.2	PASS
n77	30	100	623334	137@68	CP_QPSK	U-ACLR11-	53.61	32.2	PASS
n77	30	100	623334	137@68	CP_QPSK	U-ACLR1+	54.43	32.2	PASS
n77	30	100	623334	137@68	CP_QPSK	U-ACLR2+	54.63	35.2	PASS
n77	30	100	623334	1@0	CP_QPSK	NR-ACLR1-	44.09	29.2	PASS

n77	30	100	623334	1@0	CP_QPSK	NR-ACLR1+	46.19	29.2	PASS
n77	30	100	623334	1@0	CP_QPSK	U-ACLR12-	56.06	35.2	PASS
n77	30	100	623334	1@0	CP_QPSK	U-ACLR11-	49.18	32.2	PASS
n77	30	100	623334	1@0	CP_QPSK	U-ACLR1+	57.83	32.2	PASS
n77	30	100	623334	1@0	CP_QPSK	U-ACLR2+	58.09	35.2	PASS
n77	30	100	623334	273@0	CP_QPSK	NR-ACLR1-	43.30	29.2	PASS
n77	30	100	623334	273@0	CP_QPSK	NR-ACLR1+	46.44	29.2	PASS
n77	30	100	623334	273@0	CP_QPSK	U-ACLR12-	56.18	35.2	PASS
n77	30	100	623334	273@0	CP_QPSK	U-ACLR11-	49.85	32.2	PASS
n77	30	100	623334	273@0	CP_QPSK	U-ACLR1+	58.15	32.2	PASS
n77	30	100	623334	273@0	CP_QPSK	U-ACLR2+	58.40	35.2	PASS
n77	30	100	623334	137@68	CP_QAM16	NR-ACLR1-	46.45	29.2	PASS
n77	30	100	623334	137@68	CP_QAM16	NR-ACLR1+	47.89	29.2	PASS
n77	30	100	623334	137@68	CP_QAM16	U-ACLR12-	55.44	35.2	PASS
n77	30	100	623334	137@68	CP_QAM16	U-ACLR11-	58.70	32.2	PASS
n77	30	100	623334	137@68	CP_QAM16	U-ACLR1+	59.18	32.2	PASS
n77	30	100	623334	137@68	CP_QAM16	U-ACLR2+	59.29	35.2	PASS
n77	30	100	623334	1@0	CP_QAM16	NR-ACLR1-	44.18	29.2	PASS
n77	30	100	623334	1@0	CP_QAM16	NR-ACLR1+	46.65	29.2	PASS
n77	30	100	623334	1@0	CP_QAM16	U-ACLR12-	55.95	35.2	PASS
n77	30	100	623334	1@0	CP_QAM16	U-ACLR11-	48.53	32.2	PASS
n77	30	100	623334	1@0	CP_QAM16	U-ACLR1+	58.13	32.2	PASS
n77	30	100	623334	1@0	CP_QAM16	U-ACLR2+	58.42	35.2	PASS
n77	30	100	623334	273@0	CP_QAM16	NR-ACLR1-	43.76	29.2	PASS
n77	30	100	623334	273@0	CP_QAM16	NR-ACLR1+	46.64	29.2	PASS
n77	30	100	623334	273@0	CP_QAM16	U-ACLR12-	55.44	35.2	PASS
n77	30	100	623334	273@0	CP_QAM16	U-ACLR11-	47.53	32.2	PASS
n77	30	100	623334	273@0	CP_QAM16	U-ACLR1+	58.22	32.2	PASS
n77	30	100	623334	273@0	CP_QAM16	U-ACLR2+	58.41	35.2	PASS
n77	30	100	623334	1@0	CP_QAM64	NR-ACLR1-	44.08	29.2	PASS
n77	30	100	623334	1@0	CP_QAM64	NR-ACLR1+	46.21	29.2	PASS
n77	30	100	623334	1@0	CP_QAM64	U-ACLR12-	56.08	35.2	PASS
n77	30	100	623334	1@0	CP_QAM64	U-ACLR11-	48.95	32.2	PASS
n77	30	100	623334	1@0	CP_QAM64	U-ACLR1+	57.85	32.2	PASS
n77	30	100	623334	1@0	CP_QAM64	U-ACLR2+	58.04	35.2	PASS
n77	30	100	623334	273@0	CP_QAM64	NR-ACLR1-	44.06	29.2	PASS
n77	30	100	623334	273@0	CP_QAM64	NR-ACLR1+	46.22	29.2	PASS
n77	30	100	623334	273@0	CP_QAM64	U-ACLR12-	56.07	35.2	PASS
n77	30	100	623334	273@0	CP_QAM64	U-ACLR11-	48.92	32.2	PASS
n77	30	100	623334	273@0	CP_QAM64	U-ACLR1+	57.82	32.2	PASS
n77	30	100	623334	273@0	CP_QAM64	U-ACLR2+	58.08	35.2	PASS
n77	30	100	623334	1@0	CP_QAM256	NR-ACLR1-	41.57	29.2	PASS
n77	30	100	623334	1@0	CP_QAM256	NR-ACLR1+	43.56	29.2	PASS
n77	30	100	623334	1@0	CP_QAM256	U-ACLR12-	54.39	35.2	PASS

n77	30	100	623334	1@0	CP_QAM256	U-ACLR11-	49.00	32.2	PASS
n77	30	100	623334	1@0	CP_QAM256	U-ACLR1+	56.02	32.2	PASS
n77	30	100	623334	1@0	CP_QAM256	U-ACLR2+	56.18	35.2	PASS
n77	30	100	623334	273@0	CP_QAM256	NR-ACLR1-	41.48	29.2	PASS
n77	30	100	623334	273@0	CP_QAM256	NR-ACLR1+	43.46	29.2	PASS
n77	30	100	623334	273@0	CP_QAM256	U-ACLR12-	54.28	35.2	PASS
n77	30	100	623334	273@0	CP_QAM256	U-ACLR11-	49.34	32.2	PASS
n77	30	100	623334	273@0	CP_QAM256	U-ACLR1+	55.91	32.2	PASS
n77	30	100	623334	273@0	CP_QAM256	U-ACLR2+	56.06	35.2	PASS
n77	30	100	676666	135@67	DFT_BPSK	NR-ACLR1-	45.64	29.2	PASS
n77	30	100	676666	135@67	DFT_BPSK	NR-ACLR1+	48.16	29.2	PASS
n77	30	100	676666	135@67	DFT_BPSK	U-ACLR12-	54.91	35.2	PASS
n77	30	100	676666	135@67	DFT_BPSK	U-ACLR11-	53.58	32.2	PASS
n77	30	100	676666	135@67	DFT_BPSK	U-ACLR1+	55.39	32.2	PASS
n77	30	100	676666	135@67	DFT_BPSK	U-ACLR2+	57.08	35.2	PASS
n77	30	100	676666	1@272	DFT_BPSK	NR-ACLR1-	42.61	29.2	PASS
n77	30	100	676666	1@272	DFT_BPSK	NR-ACLR1+	44.48	29.2	PASS
n77	30	100	676666	1@272	DFT_BPSK	U-ACLR12-	55.49	35.2	PASS
n77	30	100	676666	1@272	DFT_BPSK	U-ACLR11-	55.31	32.2	PASS
n77	30	100	676666	1@272	DFT_BPSK	U-ACLR1+	49.29	32.2	PASS
n77	30	100	676666	1@272	DFT_BPSK	U-ACLR2+	55.98	35.2	PASS
n77	30	100	676666	270@0	DFT_BPSK	NR-ACLR1-	39.79	29.2	PASS
n77	30	100	676666	270@0	DFT_BPSK	NR-ACLR1+	42.25	29.2	PASS
n77	30	100	676666	270@0	DFT_BPSK	U-ACLR12-	50.84	35.2	PASS
n77	30	100	676666	270@0	DFT_BPSK	U-ACLR11-	50.63	32.2	PASS
n77	30	100	676666	270@0	DFT_BPSK	U-ACLR1+	52.10	32.2	PASS
n77	30	100	676666	270@0	DFT_BPSK	U-ACLR2+	52.70	35.2	PASS
n77	30	100	676666	135@67	DFT_QPSK	NR-ACLR1-	42.77	29.2	PASS
n77	30	100	676666	135@67	DFT_QPSK	NR-ACLR1+	45.50	29.2	PASS
n77	30	100	676666	135@67	DFT_QPSK	U-ACLR12-	53.80	35.2	PASS
n77	30	100	676666	135@67	DFT_QPSK	U-ACLR11-	52.69	32.2	PASS
n77	30	100	676666	135@67	DFT_QPSK	U-ACLR1+	54.62	32.2	PASS
n77	30	100	676666	135@67	DFT_QPSK	U-ACLR2+	55.95	35.2	PASS
n77	30	100	676666	1@272	DFT_QPSK	NR-ACLR1-	42.46	29.2	PASS
n77	30	100	676666	1@272	DFT_QPSK	NR-ACLR1+	44.39	29.2	PASS
n77	30	100	676666	1@272	DFT_QPSK	U-ACLR12-	55.38	35.2	PASS
n77	30	100	676666	1@272	DFT_QPSK	U-ACLR11-	55.17	32.2	PASS
n77	30	100	676666	1@272	DFT_QPSK	U-ACLR1+	49.53	32.2	PASS
n77	30	100	676666	1@272	DFT_QPSK	U-ACLR2+	55.90	35.2	PASS
n77	30	100	676666	270@0	DFT_QPSK	NR-ACLR1-	39.77	29.2	PASS
n77	30	100	676666	270@0	DFT_QPSK	NR-ACLR1+	42.24	29.2	PASS
n77	30	100	676666	270@0	DFT_QPSK	U-ACLR12-	50.83	35.2	PASS
n77	30	100	676666	270@0	DFT_QPSK	U-ACLR11-	50.61	32.2	PASS
n77	30	100	676666	270@0	DFT_QPSK	U-ACLR1+	52.01	32.2	PASS

n77	30	100	676666	270@0	DFT_QPSK	U-ACLR2+	52.69	35.2	PASS
n77	30	100	676666	135@67	DFT_QAM16	NR-ACLR1-	42.68	29.2	PASS
n77	30	100	676666	135@67	DFT_QAM16	NR-ACLR1+	45.43	29.2	PASS
n77	30	100	676666	135@67	DFT_QAM16	U-ACLR12-	53.75	35.2	PASS
n77	30	100	676666	135@67	DFT_QAM16	U-ACLR11-	52.72	32.2	PASS
n77	30	100	676666	135@67	DFT_QAM16	U-ACLR1+	54.57	32.2	PASS
n77	30	100	676666	135@67	DFT_QAM16	U-ACLR2+	55.86	35.2	PASS
n77	30	100	676666	1@272	DFT_QAM16	NR-ACLR1-	42.25	29.2	PASS
n77	30	100	676666	1@272	DFT_QAM16	NR-ACLR1+	44.24	29.2	PASS
n77	30	100	676666	1@272	DFT_QAM16	U-ACLR12-	55.20	35.2	PASS
n77	30	100	676666	1@272	DFT_QAM16	U-ACLR11-	55.05	32.2	PASS
n77	30	100	676666	1@272	DFT_QAM16	U-ACLR1+	49.65	32.2	PASS
n77	30	100	676666	1@272	DFT_QAM16	U-ACLR2+	55.80	35.2	PASS
n77	30	100	676666	270@0	DFT_QAM16	NR-ACLR1-	39.79	29.2	PASS
n77	30	100	676666	270@0	DFT_QAM16	NR-ACLR1+	42.26	29.2	PASS
n77	30	100	676666	270@0	DFT_QAM16	U-ACLR12-	50.84	35.2	PASS
n77	30	100	676666	270@0	DFT_QAM16	U-ACLR11-	50.64	32.2	PASS
n77	30	100	676666	270@0	DFT_QAM16	U-ACLR1+	52.02	32.2	PASS
n77	30	100	676666	270@0	DFT_QAM16	U-ACLR2+	52.72	35.2	PASS
n77	30	100	676666	1@272	DFT_QAM64	NR-ACLR1-	42.32	29.2	PASS
n77	30	100	676666	1@272	DFT_QAM64	NR-ACLR1+	44.25	29.2	PASS
n77	30	100	676666	1@272	DFT_QAM64	U-ACLR12-	55.22	35.2	PASS
n77	30	100	676666	1@272	DFT_QAM64	U-ACLR11-	55.09	32.2	PASS
n77	30	100	676666	1@272	DFT_QAM64	U-ACLR1+	49.50	32.2	PASS
n77	30	100	676666	1@272	DFT_QAM64	U-ACLR2+	55.82	35.2	PASS
n77	30	100	676666	270@0	DFT_QAM64	NR-ACLR1-	39.80	29.2	PASS
n77	30	100	676666	270@0	DFT_QAM64	NR-ACLR1+	42.27	29.2	PASS
n77	30	100	676666	270@0	DFT_QAM64	U-ACLR12-	50.88	35.2	PASS
n77	30	100	676666	270@0	DFT_QAM64	U-ACLR11-	50.66	32.2	PASS
n77	30	100	676666	270@0	DFT_QAM64	U-ACLR1+	52.03	32.2	PASS
n77	30	100	676666	270@0	DFT_QAM64	U-ACLR2+	52.73	35.2	PASS
n77	30	100	676666	1@272	DFT_QAM256	NR-ACLR1-	42.53	29.2	PASS
n77	30	100	676666	1@272	DFT_QAM256	NR-ACLR1+	44.41	29.2	PASS
n77	30	100	676666	1@272	DFT_QAM256	U-ACLR12-	55.45	35.2	PASS
n77	30	100	676666	1@272	DFT_QAM256	U-ACLR11-	55.31	32.2	PASS
n77	30	100	676666	1@272	DFT_QAM256	U-ACLR1+	49.26	32.2	PASS
n77	30	100	676666	1@272	DFT_QAM256	U-ACLR2+	55.92	35.2	PASS
n77	30	100	676666	270@0	DFT_QAM256	NR-ACLR1-	39.77	29.2	PASS
n77	30	100	676666	270@0	DFT_QAM256	NR-ACLR1+	42.26	29.2	PASS
n77	30	100	676666	270@0	DFT_QAM256	U-ACLR12-	50.88	35.2	PASS
n77	30	100	676666	270@0	DFT_QAM256	U-ACLR11-	50.65	32.2	PASS
n77	30	100	676666	270@0	DFT_QAM256	U-ACLR1+	52.07	32.2	PASS
n77	30	100	676666	270@0	DFT_QAM256	U-ACLR2+	52.73	35.2	PASS
n77	30	100	676666	137@68	CP_QPSK	NR-ACLR1-	40.20	29.2	PASS

n77	30	100	676666	137@68	CP_QPSK	NR-ACLR1+	42.78	29.2	PASS
n77	30	100	676666	137@68	CP_QPSK	U-ACLR12-	50.81	35.2	PASS
n77	30	100	676666	137@68	CP_QPSK	U-ACLR11-	50.60	32.2	PASS
n77	30	100	676666	137@68	CP_QPSK	U-ACLR1+	52.10	32.2	PASS
n77	30	100	676666	137@68	CP_QPSK	U-ACLR2+	52.84	35.2	PASS
n77	30	100	676666	1@272	CP_QPSK	NR-ACLR1-	45.32	29.2	PASS
n77	30	100	676666	1@272	CP_QPSK	NR-ACLR1+	46.48	29.2	PASS
n77	30	100	676666	1@272	CP_QPSK	U-ACLR12-	57.18	35.2	PASS
n77	30	100	676666	1@272	CP_QPSK	U-ACLR11-	56.84	32.2	PASS
n77	30	100	676666	1@272	CP_QPSK	U-ACLR1+	49.76	32.2	PASS
n77	30	100	676666	1@272	CP_QPSK	U-ACLR2+	57.14	35.2	PASS
n77	30	100	676666	273@0	CP_QPSK	NR-ACLR1-	44.01	29.2	PASS
n77	30	100	676666	273@0	CP_QPSK	NR-ACLR1+	48.47	29.2	PASS
n77	30	100	676666	273@0	CP_QPSK	U-ACLR12-	56.39	35.2	PASS
n77	30	100	676666	273@0	CP_QPSK	U-ACLR11-	49.38	32.2	PASS
n77	30	100	676666	273@0	CP_QPSK	U-ACLR1+	59.78	32.2	PASS
n77	30	100	676666	273@0	CP_QPSK	U-ACLR2+	60.20	35.2	PASS
n77	30	100	676666	137@68	CP_QAM16	NR-ACLR1-	46.76	29.2	PASS
n77	30	100	676666	137@68	CP_QAM16	NR-ACLR1+	49.76	29.2	PASS
n77	30	100	676666	137@68	CP_QAM16	U-ACLR12-	55.31	35.2	PASS
n77	30	100	676666	137@68	CP_QAM16	U-ACLR11-	58.87	32.2	PASS
n77	30	100	676666	137@68	CP_QAM16	U-ACLR1+	60.72	32.2	PASS
n77	30	100	676666	137@68	CP_QAM16	U-ACLR2+	61.09	35.2	PASS
n77	30	100	676666	1@272	CP_QAM16	NR-ACLR1-	45.60	29.2	PASS
n77	30	100	676666	1@272	CP_QAM16	NR-ACLR1+	46.74	29.2	PASS
n77	30	100	676666	1@272	CP_QAM16	U-ACLR12-	57.40	35.2	PASS
n77	30	100	676666	1@272	CP_QAM16	U-ACLR11-	57.15	32.2	PASS
n77	30	100	676666	1@272	CP_QAM16	U-ACLR1+	50.38	32.2	PASS
n77	30	100	676666	1@272	CP_QAM16	U-ACLR2+	57.26	35.2	PASS
n77	30	100	676666	273@0	CP_QAM16	NR-ACLR1-	44.93	29.2	PASS
n77	30	100	676666	273@0	CP_QAM16	NR-ACLR1+	48.68	29.2	PASS
n77	30	100	676666	273@0	CP_QAM16	U-ACLR12-	56.52	35.2	PASS
n77	30	100	676666	273@0	CP_QAM16	U-ACLR11-	48.76	32.2	PASS
n77	30	100	676666	273@0	CP_QAM16	U-ACLR1+	59.99	32.2	PASS
n77	30	100	676666	273@0	CP_QAM16	U-ACLR2+	60.33	35.2	PASS
n77	30	100	676666	1@272	CP_QAM64	NR-ACLR1-	45.14	29.2	PASS
n77	30	100	676666	1@272	CP_QAM64	NR-ACLR1+	46.39	29.2	PASS
n77	30	100	676666	1@272	CP_QAM64	U-ACLR12-	57.05	35.2	PASS
n77	30	100	676666	1@272	CP_QAM64	U-ACLR11-	56.86	32.2	PASS
n77	30	100	676666	1@272	CP_QAM64	U-ACLR1+	50.05	32.2	PASS
n77	30	100	676666	1@272	CP_QAM64	U-ACLR2+	57.07	35.2	PASS
n77	30	100	676666	273@0	CP_QAM64	NR-ACLR1-	44.54	29.2	PASS
n77	30	100	676666	273@0	CP_QAM64	NR-ACLR1+	48.16	29.2	PASS
n77	30	100	676666	273@0	CP_QAM64	U-ACLR12-	56.27	35.2	PASS

n77	30	100	676666	273@0	CP_QAM64	U-ACLR11-	49.07	32.2	PASS
n77	30	100	676666	273@0	CP_QAM64	U-ACLR1+	59.60	32.2	PASS
n77	30	100	676666	273@0	CP_QAM64	U-ACLR2+	59.91	35.2	PASS
n77	30	100	676666	1@272	CP_QAM256	NR-ACLR1-	42.89	29.2	PASS
n77	30	100	676666	1@272	CP_QAM256	NR-ACLR1+	44.69	29.2	PASS
n77	30	100	676666	1@272	CP_QAM256	U-ACLR12-	55.72	35.2	PASS
n77	30	100	676666	1@272	CP_QAM256	U-ACLR11-	55.56	32.2	PASS
n77	30	100	676666	1@272	CP_QAM256	U-ACLR1+	49.56	32.2	PASS
n77	30	100	676666	1@272	CP_QAM256	U-ACLR2+	56.12	35.2	PASS
n77	30	100	676666	273@0	CP_QAM256	NR-ACLR1-	42.35	29.2	PASS
n77	30	100	676666	273@0	CP_QAM256	NR-ACLR1+	45.69	29.2	PASS
n77	30	100	676666	273@0	CP_QAM256	U-ACLR12-	54.94	35.2	PASS
n77	30	100	676666	273@0	CP_QAM256	U-ACLR11-	48.61	32.2	PASS
n77	30	100	676666	273@0	CP_QAM256	U-ACLR1+	57.92	32.2	PASS
n77	30	100	676666	273@0	CP_QAM256	U-ACLR2+	58.19	35.2	PASS
n78	30	10	647000	12@6	DFT_BPSK	NR-ACLR1-	49.96	29.2	PASS
n78	30	10	647000	12@6	DFT_BPSK	NR-ACLR1+	49.69	29.2	PASS
n78	30	10	647000	12@6	DFT_BPSK	U-ACLR12-	58.27	35.2	PASS
n78	30	10	647000	12@6	DFT_BPSK	U-ACLR11-	51.78	32.2	PASS
n78	30	10	647000	12@6	DFT_BPSK	U-ACLR1+	51.49	32.2	PASS
n78	30	10	647000	12@6	DFT_BPSK	U-ACLR2+	58.16	35.2	PASS
n78	30	10	647000	1@0	DFT_BPSK	NR-ACLR1-	50.39	29.2	PASS
n78	30	10	647000	1@0	DFT_BPSK	NR-ACLR1+	53.85	29.2	PASS
n78	30	10	647000	1@0	DFT_BPSK	U-ACLR12-	58.62	35.2	PASS
n78	30	10	647000	1@0	DFT_BPSK	U-ACLR11-	53.35	32.2	PASS
n78	30	10	647000	1@0	DFT_BPSK	U-ACLR1+	56.62	32.2	PASS
n78	30	10	647000	1@0	DFT_BPSK	U-ACLR2+	59.18	35.2	PASS
n78	30	10	647000	24@0	DFT_BPSK	NR-ACLR1-	46.60	29.2	PASS
n78	30	10	647000	24@0	DFT_BPSK	NR-ACLR1+	47.09	29.2	PASS
n78	30	10	647000	24@0	DFT_BPSK	U-ACLR12-	52.44	35.2	PASS
n78	30	10	647000	24@0	DFT_BPSK	U-ACLR11-	49.27	32.2	PASS
n78	30	10	647000	24@0	DFT_BPSK	U-ACLR1+	50.18	32.2	PASS
n78	30	10	647000	24@0	DFT_BPSK	U-ACLR2+	52.04	35.2	PASS
n78	30	10	647000	12@6	DFT_QPSK	NR-ACLR1-	49.95	29.2	PASS
n78	30	10	647000	12@6	DFT_QPSK	NR-ACLR1+	49.73	29.2	PASS
n78	30	10	647000	12@6	DFT_QPSK	U-ACLR12-	58.24	35.2	PASS
n78	30	10	647000	12@6	DFT_QPSK	U-ACLR11-	51.78	32.2	PASS
n78	30	10	647000	12@6	DFT_QPSK	U-ACLR1+	51.52	32.2	PASS
n78	30	10	647000	12@6	DFT_QPSK	U-ACLR2+	58.20	35.2	PASS
n78	30	10	647000	1@0	DFT_QPSK	NR-ACLR1-	50.53	29.2	PASS
n78	30	10	647000	1@0	DFT_QPSK	NR-ACLR1+	53.83	29.2	PASS
n78	30	10	647000	1@0	DFT_QPSK	U-ACLR12-	59.00	35.2	PASS
n78	30	10	647000	1@0	DFT_QPSK	U-ACLR11-	53.41	32.2	PASS
n78	30	10	647000	1@0	DFT_QPSK	U-ACLR1+	56.87	32.2	PASS

n78	30	10	647000	1@0	DFT_QPSK	U-ACLR2+	58.66	35.2	PASS
n78	30	10	647000	24@0	DFT_QPSK	NR-ACLR1-	46.50	29.2	PASS
n78	30	10	647000	24@0	DFT_QPSK	NR-ACLR1+	46.85	29.2	PASS
n78	30	10	647000	24@0	DFT_QPSK	U-ACLR12-	52.40	35.2	PASS
n78	30	10	647000	24@0	DFT_QPSK	U-ACLR11-	49.14	32.2	PASS
n78	30	10	647000	24@0	DFT_QPSK	U-ACLR1+	49.85	32.2	PASS
n78	30	10	647000	24@0	DFT_QPSK	U-ACLR2+	51.94	35.2	PASS
n78	30	10	647000	12@6	DFT_QAM16	NR-ACLR1-	50.00	29.2	PASS
n78	30	10	647000	12@6	DFT_QAM16	NR-ACLR1+	49.61	29.2	PASS
n78	30	10	647000	12@6	DFT_QAM16	U-ACLR12-	57.85	35.2	PASS
n78	30	10	647000	12@6	DFT_QAM16	U-ACLR11-	51.83	32.2	PASS
n78	30	10	647000	12@6	DFT_QAM16	U-ACLR1+	51.35	32.2	PASS
n78	30	10	647000	12@6	DFT_QAM16	U-ACLR2+	57.81	35.2	PASS
n78	30	10	647000	1@0	DFT_QAM16	NR-ACLR1-	50.04	29.2	PASS
n78	30	10	647000	1@0	DFT_QAM16	NR-ACLR1+	53.35	29.2	PASS
n78	30	10	647000	1@0	DFT_QAM16	U-ACLR12-	58.22	35.2	PASS
n78	30	10	647000	1@0	DFT_QAM16	U-ACLR11-	53.06	32.2	PASS
n78	30	10	647000	1@0	DFT_QAM16	U-ACLR1+	56.22	32.2	PASS
n78	30	10	647000	1@0	DFT_QAM16	U-ACLR2+	58.60	35.2	PASS
n78	30	10	647000	24@0	DFT_QAM16	NR-ACLR1-	45.29	29.2	PASS
n78	30	10	647000	24@0	DFT_QAM16	NR-ACLR1+	45.55	29.2	PASS
n78	30	10	647000	24@0	DFT_QAM16	U-ACLR12-	52.00	35.2	PASS
n78	30	10	647000	24@0	DFT_QAM16	U-ACLR11-	47.54	32.2	PASS
n78	30	10	647000	24@0	DFT_QAM16	U-ACLR1+	47.98	32.2	PASS
n78	30	10	647000	24@0	DFT_QAM16	U-ACLR2+	51.81	35.2	PASS
n78	30	10	647000	1@0	DFT_QAM64	NR-ACLR1-	50.26	29.2	PASS
n78	30	10	647000	1@0	DFT_QAM64	NR-ACLR1+	53.09	29.2	PASS
n78	30	10	647000	1@0	DFT_QAM64	U-ACLR12-	57.89	35.2	PASS
n78	30	10	647000	1@0	DFT_QAM64	U-ACLR11-	53.17	32.2	PASS
n78	30	10	647000	1@0	DFT_QAM64	U-ACLR1+	55.98	32.2	PASS
n78	30	10	647000	1@0	DFT_QAM64	U-ACLR2+	58.20	35.2	PASS
n78	30	10	647000	24@0	DFT_QAM64	NR-ACLR1-	45.66	29.2	PASS
n78	30	10	647000	24@0	DFT_QAM64	NR-ACLR1+	45.79	29.2	PASS
n78	30	10	647000	24@0	DFT_QAM64	U-ACLR12-	53.13	35.2	PASS
n78	30	10	647000	24@0	DFT_QAM64	U-ACLR11-	47.68	32.2	PASS
n78	30	10	647000	24@0	DFT_QAM64	U-ACLR1+	48.01	32.2	PASS
n78	30	10	647000	24@0	DFT_QAM64	U-ACLR2+	52.75	35.2	PASS
n78	30	10	647000	1@0	DFT_QAM256	NR-ACLR1-	50.39	29.2	PASS
n78	30	10	647000	1@0	DFT_QAM256	NR-ACLR1+	53.12	29.2	PASS
n78	30	10	647000	1@0	DFT_QAM256	U-ACLR12-	58.03	35.2	PASS
n78	30	10	647000	1@0	DFT_QAM256	U-ACLR11-	53.23	32.2	PASS
n78	30	10	647000	1@0	DFT_QAM256	U-ACLR1+	56.04	32.2	PASS
n78	30	10	647000	1@0	DFT_QAM256	U-ACLR2+	58.21	35.2	PASS
n78	30	10	647000	24@0	DFT_QAM256	NR-ACLR1-	45.70	29.2	PASS

n78	30	10	647000	24@0	DFT_QAM256	NR-ACLR1+	45.79	29.2	PASS
n78	30	10	647000	24@0	DFT_QAM256	U-ACLR12-	53.17	35.2	PASS
n78	30	10	647000	24@0	DFT_QAM256	U-ACLR11-	47.69	32.2	PASS
n78	30	10	647000	24@0	DFT_QAM256	U-ACLR1+	48.01	32.2	PASS
n78	30	10	647000	24@0	DFT_QAM256	U-ACLR2+	52.77	35.2	PASS
n78	30	10	647000	12@6	CP_QPSK	NR-ACLR1-	45.14	29.2	PASS
n78	30	10	647000	12@6	CP_QPSK	NR-ACLR1+	44.97	29.2	PASS
n78	30	10	647000	12@6	CP_QPSK	U-ACLR12-	52.55	35.2	PASS
n78	30	10	647000	12@6	CP_QPSK	U-ACLR11-	47.08	32.2	PASS
n78	30	10	647000	12@6	CP_QPSK	U-ACLR1+	47.03	32.2	PASS
n78	30	10	647000	12@6	CP_QPSK	U-ACLR2+	52.14	35.2	PASS
n78	30	10	647000	1@0	CP_QPSK	NR-ACLR1-	49.48	29.2	PASS
n78	30	10	647000	1@0	CP_QPSK	NR-ACLR1+	51.91	29.2	PASS
n78	30	10	647000	1@0	CP_QPSK	U-ACLR12-	57.22	35.2	PASS
n78	30	10	647000	1@0	CP_QPSK	U-ACLR11-	52.37	32.2	PASS
n78	30	10	647000	1@0	CP_QPSK	U-ACLR1+	54.78	32.2	PASS
n78	30	10	647000	1@0	CP_QPSK	U-ACLR2+	57.05	35.2	PASS
n78	30	10	647000	24@0	CP_QPSK	NR-ACLR1-	44.96	29.2	PASS
n78	30	10	647000	24@0	CP_QPSK	NR-ACLR1+	44.81	29.2	PASS
n78	30	10	647000	24@0	CP_QPSK	U-ACLR12-	52.49	35.2	PASS
n78	30	10	647000	24@0	CP_QPSK	U-ACLR11-	46.85	32.2	PASS
n78	30	10	647000	24@0	CP_QPSK	U-ACLR1+	46.83	32.2	PASS
n78	30	10	647000	24@0	CP_QPSK	U-ACLR2+	52.14	35.2	PASS
n78	30	10	647000	12@6	CP_QAM16	NR-ACLR1-	48.98	29.2	PASS
n78	30	10	647000	12@6	CP_QAM16	NR-ACLR1+	48.67	29.2	PASS
n78	30	10	647000	12@6	CP_QAM16	U-ACLR12-	56.55	35.2	PASS
n78	30	10	647000	12@6	CP_QAM16	U-ACLR11-	50.86	32.2	PASS
n78	30	10	647000	12@6	CP_QAM16	U-ACLR1+	50.46	32.2	PASS
n78	30	10	647000	12@6	CP_QAM16	U-ACLR2+	56.59	35.2	PASS
n78	30	10	647000	1@0	CP_QAM16	NR-ACLR1-	49.57	29.2	PASS
n78	30	10	647000	1@0	CP_QAM16	NR-ACLR1+	51.88	29.2	PASS
n78	30	10	647000	1@0	CP_QAM16	U-ACLR12-	57.62	35.2	PASS
n78	30	10	647000	1@0	CP_QAM16	U-ACLR11-	52.40	32.2	PASS
n78	30	10	647000	1@0	CP_QAM16	U-ACLR1+	55.06	32.2	PASS
n78	30	10	647000	1@0	CP_QAM16	U-ACLR2+	56.42	35.2	PASS
n78	30	10	647000	24@0	CP_QAM16	NR-ACLR1-	44.30	29.2	PASS
n78	30	10	647000	24@0	CP_QAM16	NR-ACLR1+	44.35	29.2	PASS
n78	30	10	647000	24@0	CP_QAM16	U-ACLR12-	52.21	35.2	PASS
n78	30	10	647000	24@0	CP_QAM16	U-ACLR11-	46.10	32.2	PASS
n78	30	10	647000	24@0	CP_QAM16	U-ACLR1+	46.26	32.2	PASS
n78	30	10	647000	24@0	CP_QAM16	U-ACLR2+	51.91	35.2	PASS
n78	30	10	647000	1@0	CP_QAM64	NR-ACLR1-	49.31	29.2	PASS
n78	30	10	647000	1@0	CP_QAM64	NR-ACLR1+	51.95	29.2	PASS
n78	30	10	647000	1@0	CP_QAM64	U-ACLR12-	57.08	35.2	PASS

n78	30	10	647000	1@0	CP_QAM64	U-ACLR11-	52.34	32.2	PASS
n78	30	10	647000	1@0	CP_QAM64	U-ACLR1+	54.78	32.2	PASS
n78	30	10	647000	1@0	CP_QAM64	U-ACLR2+	57.13	35.2	PASS
n78	30	10	647000	24@0	CP_QAM64	NR-ACLR1-	44.99	29.2	PASS
n78	30	10	647000	24@0	CP_QAM64	NR-ACLR1+	44.86	29.2	PASS
n78	30	10	647000	24@0	CP_QAM64	U-ACLR12-	52.52	35.2	PASS
n78	30	10	647000	24@0	CP_QAM64	U-ACLR11-	46.87	32.2	PASS
n78	30	10	647000	24@0	CP_QAM64	U-ACLR1+	46.85	32.2	PASS
n78	30	10	647000	24@0	CP_QAM64	U-ACLR2+	52.12	35.2	PASS
n78	30	10	647000	1@0	CP_QAM256	NR-ACLR1-	49.44	29.2	PASS
n78	30	10	647000	1@0	CP_QAM256	NR-ACLR1+	51.60	29.2	PASS
n78	30	10	647000	1@0	CP_QAM256	U-ACLR12-	56.91	35.2	PASS
n78	30	10	647000	1@0	CP_QAM256	U-ACLR11-	52.29	32.2	PASS
n78	30	10	647000	1@0	CP_QAM256	U-ACLR1+	54.64	32.2	PASS
n78	30	10	647000	1@0	CP_QAM256	U-ACLR2+	56.44	35.2	PASS
n78	30	10	647000	24@0	CP_QAM256	NR-ACLR1-	45.11	29.2	PASS
n78	30	10	647000	24@0	CP_QAM256	NR-ACLR1+	44.97	29.2	PASS
n78	30	10	647000	24@0	CP_QAM256	U-ACLR12-	52.65	35.2	PASS
n78	30	10	647000	24@0	CP_QAM256	U-ACLR11-	47.00	32.2	PASS
n78	30	10	647000	24@0	CP_QAM256	U-ACLR1+	46.95	32.2	PASS
n78	30	10	647000	24@0	CP_QAM256	U-ACLR2+	52.31	35.2	PASS
n78	30	10	653000	12@6	DFT_BPSK	NR-ACLR1-	48.64	29.2	PASS
n78	30	10	653000	12@6	DFT_BPSK	NR-ACLR1+	48.97	29.2	PASS
n78	30	10	653000	12@6	DFT_BPSK	U-ACLR12-	56.16	35.2	PASS
n78	30	10	653000	12@6	DFT_BPSK	U-ACLR11-	50.51	32.2	PASS
n78	30	10	653000	12@6	DFT_BPSK	U-ACLR1+	50.99	32.2	PASS
n78	30	10	653000	12@6	DFT_BPSK	U-ACLR2+	55.98	35.2	PASS
n78	30	10	653000	1@23	DFT_BPSK	NR-ACLR1-	54.70	29.2	PASS
n78	30	10	653000	1@23	DFT_BPSK	NR-ACLR1+	50.87	29.2	PASS
n78	30	10	653000	1@23	DFT_BPSK	U-ACLR12-	60.13	35.2	PASS
n78	30	10	653000	1@23	DFT_BPSK	U-ACLR11-	57.41	32.2	PASS
n78	30	10	653000	1@23	DFT_BPSK	U-ACLR1+	53.83	32.2	PASS
n78	30	10	653000	1@23	DFT_BPSK	U-ACLR2+	59.46	35.2	PASS
n78	30	10	653000	24@0	DFT_BPSK	NR-ACLR1-	48.56	29.2	PASS
n78	30	10	653000	24@0	DFT_BPSK	NR-ACLR1+	48.90	29.2	PASS
n78	30	10	653000	24@0	DFT_BPSK	U-ACLR12-	56.12	35.2	PASS
n78	30	10	653000	24@0	DFT_BPSK	U-ACLR11-	50.45	32.2	PASS
n78	30	10	653000	24@0	DFT_BPSK	U-ACLR1+	50.93	32.2	PASS
n78	30	10	653000	24@0	DFT_BPSK	U-ACLR2+	55.91	35.2	PASS
n78	30	10	653000	12@6	DFT_QPSK	NR-ACLR1-	49.82	29.2	PASS
n78	30	10	653000	12@6	DFT_QPSK	NR-ACLR1+	49.63	29.2	PASS
n78	30	10	653000	12@6	DFT_QPSK	U-ACLR12-	58.07	35.2	PASS
n78	30	10	653000	12@6	DFT_QPSK	U-ACLR11-	51.67	32.2	PASS
n78	30	10	653000	12@6	DFT_QPSK	U-ACLR1+	51.49	32.2	PASS

n78	30	10	653000	12@6	DFT_QPSK	U-ACLR2+	58.02	35.2	PASS
n78	30	10	653000	1@23	DFT_QPSK	NR-ACLR1-	54.09	29.2	PASS
n78	30	10	653000	1@23	DFT_QPSK	NR-ACLR1+	50.59	29.2	PASS
n78	30	10	653000	1@23	DFT_QPSK	U-ACLR12-	59.35	35.2	PASS
n78	30	10	653000	1@23	DFT_QPSK	U-ACLR11-	56.91	32.2	PASS
n78	30	10	653000	1@23	DFT_QPSK	U-ACLR1+	53.53	32.2	PASS
n78	30	10	653000	1@23	DFT_QPSK	U-ACLR2+	59.00	35.2	PASS
n78	30	10	653000	24@0	DFT_QPSK	NR-ACLR1-	46.19	29.2	PASS
n78	30	10	653000	24@0	DFT_QPSK	NR-ACLR1+	46.55	29.2	PASS
n78	30	10	653000	24@0	DFT_QPSK	U-ACLR12-	52.86	35.2	PASS
n78	30	10	653000	24@0	DFT_QPSK	U-ACLR11-	48.50	32.2	PASS
n78	30	10	653000	24@0	DFT_QPSK	U-ACLR1+	48.99	32.2	PASS
n78	30	10	653000	24@0	DFT_QPSK	U-ACLR2+	52.84	35.2	PASS
n78	30	10	653000	12@6	DFT_QAM16	NR-ACLR1-	49.66	29.2	PASS
n78	30	10	653000	12@6	DFT_QAM16	NR-ACLR1+	49.61	29.2	PASS
n78	30	10	653000	12@6	DFT_QAM16	U-ACLR12-	57.73	35.2	PASS
n78	30	10	653000	12@6	DFT_QAM16	U-ACLR11-	51.45	32.2	PASS
n78	30	10	653000	12@6	DFT_QAM16	U-ACLR1+	51.39	32.2	PASS
n78	30	10	653000	12@6	DFT_QAM16	U-ACLR2+	57.73	35.2	PASS
n78	30	10	653000	1@23	DFT_QAM16	NR-ACLR1-	53.10	29.2	PASS
n78	30	10	653000	1@23	DFT_QAM16	NR-ACLR1+	50.15	29.2	PASS
n78	30	10	653000	1@23	DFT_QAM16	U-ACLR12-	58.10	35.2	PASS
n78	30	10	653000	1@23	DFT_QAM16	U-ACLR11-	56.06	32.2	PASS
n78	30	10	653000	1@23	DFT_QAM16	U-ACLR1+	53.07	32.2	PASS
n78	30	10	653000	1@23	DFT_QAM16	U-ACLR2+	58.33	35.2	PASS
n78	30	10	653000	24@0	DFT_QAM16	NR-ACLR1-	46.10	29.2	PASS
n78	30	10	653000	24@0	DFT_QAM16	NR-ACLR1+	46.20	29.2	PASS
n78	30	10	653000	24@0	DFT_QAM16	U-ACLR12-	53.31	35.2	PASS
n78	30	10	653000	24@0	DFT_QAM16	U-ACLR11-	48.13	32.2	PASS
n78	30	10	653000	24@0	DFT_QAM16	U-ACLR1+	48.36	32.2	PASS
n78	30	10	653000	24@0	DFT_QAM16	U-ACLR2+	53.13	35.2	PASS
n78	30	10	653000	1@23	DFT_QAM64	NR-ACLR1-	53.47	29.2	PASS
n78	30	10	653000	1@23	DFT_QAM64	NR-ACLR1+	50.52	29.2	PASS
n78	30	10	653000	1@23	DFT_QAM64	U-ACLR12-	58.77	35.2	PASS
n78	30	10	653000	1@23	DFT_QAM64	U-ACLR11-	56.26	32.2	PASS
n78	30	10	653000	1@23	DFT_QAM64	U-ACLR1+	53.38	32.2	PASS
n78	30	10	653000	1@23	DFT_QAM64	U-ACLR2+	58.50	35.2	PASS
n78	30	10	653000	24@0	DFT_QAM64	NR-ACLR1-	45.53	29.2	PASS
n78	30	10	653000	24@0	DFT_QAM64	NR-ACLR1+	45.65	29.2	PASS
n78	30	10	653000	24@0	DFT_QAM64	U-ACLR12-	53.63	35.2	PASS
n78	30	10	653000	24@0	DFT_QAM64	U-ACLR11-	47.34	32.2	PASS
n78	30	10	653000	24@0	DFT_QAM64	U-ACLR1+	47.61	32.2	PASS
n78	30	10	653000	24@0	DFT_QAM64	U-ACLR2+	53.33	35.2	PASS
n78	30	10	653000	1@23	DFT_QAM256	NR-ACLR1-	53.30	29.2	PASS

n78	30	10	653000	1@23	DFT_QAM256	NR-ACLR1+	50.47	29.2	PASS
n78	30	10	653000	1@23	DFT_QAM256	U-ACLR12-	58.47	35.2	PASS
n78	30	10	653000	1@23	DFT_QAM256	U-ACLR11-	56.16	32.2	PASS
n78	30	10	653000	1@23	DFT_QAM256	U-ACLR1+	53.32	32.2	PASS
n78	30	10	653000	1@23	DFT_QAM256	U-ACLR2+	58.32	35.2	PASS
n78	30	10	653000	24@0	DFT_QAM256	NR-ACLR1-	45.73	29.2	PASS
n78	30	10	653000	24@0	DFT_QAM256	NR-ACLR1+	45.80	29.2	PASS
n78	30	10	653000	24@0	DFT_QAM256	U-ACLR12-	53.73	35.2	PASS
n78	30	10	653000	24@0	DFT_QAM256	U-ACLR11-	47.55	32.2	PASS
n78	30	10	653000	24@0	DFT_QAM256	U-ACLR1+	47.76	32.2	PASS
n78	30	10	653000	24@0	DFT_QAM256	U-ACLR2+	53.43	35.2	PASS
n78	30	10	653000	12@6	CP_QPSK	NR-ACLR1-	45.42	29.2	PASS
n78	30	10	653000	12@6	CP_QPSK	NR-ACLR1+	45.28	29.2	PASS
n78	30	10	653000	12@6	CP_QPSK	U-ACLR12-	52.70	35.2	PASS
n78	30	10	653000	12@6	CP_QPSK	U-ACLR11-	47.41	32.2	PASS
n78	30	10	653000	12@6	CP_QPSK	U-ACLR1+	47.39	32.2	PASS
n78	30	10	653000	12@6	CP_QPSK	U-ACLR2+	52.40	35.2	PASS
n78	30	10	653000	1@23	CP_QPSK	NR-ACLR1-	51.83	29.2	PASS
n78	30	10	653000	1@23	CP_QPSK	NR-ACLR1+	49.66	29.2	PASS
n78	30	10	653000	1@23	CP_QPSK	U-ACLR12-	56.66	35.2	PASS
n78	30	10	653000	1@23	CP_QPSK	U-ACLR11-	54.83	32.2	PASS
n78	30	10	653000	1@23	CP_QPSK	U-ACLR1+	52.49	32.2	PASS
n78	30	10	653000	1@23	CP_QPSK	U-ACLR2+	57.46	35.2	PASS
n78	30	10	653000	24@0	CP_QPSK	NR-ACLR1-	45.38	29.2	PASS
n78	30	10	653000	24@0	CP_QPSK	NR-ACLR1+	45.25	29.2	PASS
n78	30	10	653000	24@0	CP_QPSK	U-ACLR12-	52.75	35.2	PASS
n78	30	10	653000	24@0	CP_QPSK	U-ACLR11-	47.35	32.2	PASS
n78	30	10	653000	24@0	CP_QPSK	U-ACLR1+	47.34	32.2	PASS
n78	30	10	653000	24@0	CP_QPSK	U-ACLR2+	52.44	35.2	PASS
n78	30	10	653000	12@6	CP_QAM16	NR-ACLR1-	49.30	29.2	PASS
n78	30	10	653000	12@6	CP_QAM16	NR-ACLR1+	49.28	29.2	PASS
n78	30	10	653000	12@6	CP_QAM16	U-ACLR12-	56.97	35.2	PASS
n78	30	10	653000	12@6	CP_QAM16	U-ACLR11-	51.16	32.2	PASS
n78	30	10	653000	12@6	CP_QAM16	U-ACLR1+	51.12	32.2	PASS
n78	30	10	653000	12@6	CP_QAM16	U-ACLR2+	57.00	35.2	PASS
n78	30	10	653000	1@23	CP_QAM16	NR-ACLR1-	49.94	29.2	PASS
n78	30	10	653000	1@23	CP_QAM16	NR-ACLR1+	48.99	29.2	PASS
n78	30	10	653000	1@23	CP_QAM16	U-ACLR12-	53.83	35.2	PASS
n78	30	10	653000	1@23	CP_QAM16	U-ACLR11-	53.58	32.2	PASS
n78	30	10	653000	1@23	CP_QAM16	U-ACLR1+	51.92	32.2	PASS
n78	30	10	653000	1@23	CP_QAM16	U-ACLR2+	55.54	35.2	PASS
n78	30	10	653000	24@0	CP_QAM16	NR-ACLR1-	45.16	29.2	PASS
n78	30	10	653000	24@0	CP_QAM16	NR-ACLR1+	45.04	29.2	PASS
n78	30	10	653000	24@0	CP_QAM16	U-ACLR12-	52.58	35.2	PASS

n78	30	10	653000	24@0	CP_QAM16	U-ACLR11-	47.15	32.2	PASS
n78	30	10	653000	24@0	CP_QAM16	U-ACLR1+	47.10	32.2	PASS
n78	30	10	653000	24@0	CP_QAM16	U-ACLR2+	52.26	35.2	PASS
n78	30	10	653000	1@23	CP_QAM64	NR-ACLR1-	51.75	29.2	PASS
n78	30	10	653000	1@23	CP_QAM64	NR-ACLR1+	49.65	29.2	PASS
n78	30	10	653000	1@23	CP_QAM64	U-ACLR12-	56.44	35.2	PASS
n78	30	10	653000	1@23	CP_QAM64	U-ACLR11-	54.84	32.2	PASS
n78	30	10	653000	1@23	CP_QAM64	U-ACLR1+	52.49	32.2	PASS
n78	30	10	653000	1@23	CP_QAM64	U-ACLR2+	57.39	35.2	PASS
n78	30	10	653000	24@0	CP_QAM64	NR-ACLR1-	45.19	29.2	PASS
n78	30	10	653000	24@0	CP_QAM64	NR-ACLR1+	44.98	29.2	PASS
n78	30	10	653000	24@0	CP_QAM64	U-ACLR12-	52.58	35.2	PASS
n78	30	10	653000	24@0	CP_QAM64	U-ACLR11-	47.13	32.2	PASS
n78	30	10	653000	24@0	CP_QAM64	U-ACLR1+	47.01	32.2	PASS
n78	30	10	653000	24@0	CP_QAM64	U-ACLR2+	52.25	35.2	PASS
n78	30	10	653000	1@23	CP_QAM256	NR-ACLR1-	51.69	29.2	PASS
n78	30	10	653000	1@23	CP_QAM256	NR-ACLR1+	49.64	29.2	PASS
n78	30	10	653000	1@23	CP_QAM256	U-ACLR12-	56.05	35.2	PASS
n78	30	10	653000	1@23	CP_QAM256	U-ACLR11-	54.97	32.2	PASS
n78	30	10	653000	1@23	CP_QAM256	U-ACLR1+	52.44	32.2	PASS
n78	30	10	653000	1@23	CP_QAM256	U-ACLR2+	57.74	35.2	PASS
n78	30	10	653000	24@0	CP_QAM256	NR-ACLR1-	45.33	29.2	PASS
n78	30	10	653000	24@0	CP_QAM256	NR-ACLR1+	45.04	29.2	PASS
n78	30	10	653000	24@0	CP_QAM256	U-ACLR12-	52.75	35.2	PASS
n78	30	10	653000	24@0	CP_QAM256	U-ACLR11-	47.27	32.2	PASS
n78	30	10	653000	24@0	CP_QAM256	U-ACLR1+	47.08	32.2	PASS
n78	30	10	653000	24@0	CP_QAM256	U-ACLR2+	52.37	35.2	PASS
n78	30	100	650000	135@67	DFT_BPSK	NR-ACLR1-	45.67	29.2	PASS
n78	30	100	650000	135@67	DFT_BPSK	NR-ACLR1+	46.69	29.2	PASS
n78	30	100	650000	135@67	DFT_BPSK	U-ACLR12-	55.98	35.2	PASS
n78	30	100	650000	135@67	DFT_BPSK	U-ACLR11-	55.11	32.2	PASS
n78	30	100	650000	135@67	DFT_BPSK	U-ACLR1+	55.17	32.2	PASS
n78	30	100	650000	135@67	DFT_BPSK	U-ACLR2+	56.18	35.2	PASS
n78	30	100	650000	1@0	DFT_BPSK	NR-ACLR1-	45.04	29.2	PASS
n78	30	100	650000	1@0	DFT_BPSK	NR-ACLR1+	47.84	29.2	PASS
n78	30	100	650000	1@0	DFT_BPSK	U-ACLR12-	56.55	35.2	PASS
n78	30	100	650000	1@0	DFT_BPSK	U-ACLR11-	49.19	32.2	PASS
n78	30	100	650000	1@0	DFT_BPSK	U-ACLR1+	58.67	32.2	PASS
n78	30	100	650000	1@0	DFT_BPSK	U-ACLR2+	59.09	35.2	PASS
n78	30	100	650000	270@0	DFT_BPSK	NR-ACLR1-	42.78	29.2	PASS
n78	30	100	650000	270@0	DFT_BPSK	NR-ACLR1+	43.29	29.2	PASS
n78	30	100	650000	270@0	DFT_BPSK	U-ACLR12-	54.01	35.2	PASS
n78	30	100	650000	270@0	DFT_BPSK	U-ACLR11-	53.70	32.2	PASS
n78	30	100	650000	270@0	DFT_BPSK	U-ACLR1+	53.93	32.2	PASS

n78	30	100	650000	270@0	DFT_BPSK	U-ACLR2+	54.25	35.2	PASS
n78	30	100	650000	135@67	DFT_QPSK	NR-ACLR1-	45.64	29.2	PASS
n78	30	100	650000	135@67	DFT_QPSK	NR-ACLR1+	46.68	29.2	PASS
n78	30	100	650000	135@67	DFT_QPSK	U-ACLR12-	55.94	35.2	PASS
n78	30	100	650000	135@67	DFT_QPSK	U-ACLR11-	55.12	32.2	PASS
n78	30	100	650000	135@67	DFT_QPSK	U-ACLR1+	55.17	32.2	PASS
n78	30	100	650000	135@67	DFT_QPSK	U-ACLR2+	56.16	35.2	PASS
n78	30	100	650000	1@0	DFT_QPSK	NR-ACLR1-	45.06	29.2	PASS
n78	30	100	650000	1@0	DFT_QPSK	NR-ACLR1+	47.85	29.2	PASS
n78	30	100	650000	1@0	DFT_QPSK	U-ACLR12-	56.71	35.2	PASS
n78	30	100	650000	1@0	DFT_QPSK	U-ACLR11-	49.22	32.2	PASS
n78	30	100	650000	1@0	DFT_QPSK	U-ACLR1+	58.62	32.2	PASS
n78	30	100	650000	1@0	DFT_QPSK	U-ACLR2+	59.01	35.2	PASS
n78	30	100	650000	270@0	DFT_QPSK	NR-ACLR1-	42.74	29.2	PASS
n78	30	100	650000	270@0	DFT_QPSK	NR-ACLR1+	43.27	29.2	PASS
n78	30	100	650000	270@0	DFT_QPSK	U-ACLR12-	53.93	35.2	PASS
n78	30	100	650000	270@0	DFT_QPSK	U-ACLR11-	53.63	32.2	PASS
n78	30	100	650000	270@0	DFT_QPSK	U-ACLR1+	53.90	32.2	PASS
n78	30	100	650000	270@0	DFT_QPSK	U-ACLR2+	54.17	35.2	PASS
n78	30	100	650000	135@67	DFT_QAM16	NR-ACLR1-	45.53	29.2	PASS
n78	30	100	650000	135@67	DFT_QAM16	NR-ACLR1+	46.56	29.2	PASS
n78	30	100	650000	135@67	DFT_QAM16	U-ACLR12-	55.91	35.2	PASS
n78	30	100	650000	135@67	DFT_QAM16	U-ACLR11-	54.98	32.2	PASS
n78	30	100	650000	135@67	DFT_QAM16	U-ACLR1+	55.03	32.2	PASS
n78	30	100	650000	135@67	DFT_QAM16	U-ACLR2+	56.11	35.2	PASS
n78	30	100	650000	1@0	DFT_QAM16	NR-ACLR1-	43.86	29.2	PASS
n78	30	100	650000	1@0	DFT_QAM16	NR-ACLR1+	46.72	29.2	PASS
n78	30	100	650000	1@0	DFT_QAM16	U-ACLR12-	56.02	35.2	PASS
n78	30	100	650000	1@0	DFT_QAM16	U-ACLR11-	48.86	32.2	PASS
n78	30	100	650000	1@0	DFT_QAM16	U-ACLR1+	58.10	32.2	PASS
n78	30	100	650000	1@0	DFT_QAM16	U-ACLR2+	58.43	35.2	PASS
n78	30	100	650000	270@0	DFT_QAM16	NR-ACLR1-	42.78	29.2	PASS
n78	30	100	650000	270@0	DFT_QAM16	NR-ACLR1+	43.30	29.2	PASS
n78	30	100	650000	270@0	DFT_QAM16	U-ACLR12-	54.03	35.2	PASS
n78	30	100	650000	270@0	DFT_QAM16	U-ACLR11-	53.77	32.2	PASS
n78	30	100	650000	270@0	DFT_QAM16	U-ACLR1+	53.96	32.2	PASS
n78	30	100	650000	270@0	DFT_QAM16	U-ACLR2+	54.11	35.2	PASS
n78	30	100	650000	1@0	DFT_QAM64	NR-ACLR1-	44.91	29.2	PASS
n78	30	100	650000	1@0	DFT_QAM64	NR-ACLR1+	47.72	29.2	PASS
n78	30	100	650000	1@0	DFT_QAM64	U-ACLR12-	56.56	35.2	PASS
n78	30	100	650000	1@0	DFT_QAM64	U-ACLR11-	48.81	32.2	PASS
n78	30	100	650000	1@0	DFT_QAM64	U-ACLR1+	58.60	32.2	PASS
n78	30	100	650000	1@0	DFT_QAM64	U-ACLR2+	59.08	35.2	PASS
n78	30	100	650000	270@0	DFT_QAM64	NR-ACLR1-	42.76	29.2	PASS

n78	30	100	650000	270@0	DFT_QAM64	NR-ACLR1+	43.26	29.2	PASS
n78	30	100	650000	270@0	DFT_QAM64	U-ACLR12-	53.96	35.2	PASS
n78	30	100	650000	270@0	DFT_QAM64	U-ACLR11-	53.70	32.2	PASS
n78	30	100	650000	270@0	DFT_QAM64	U-ACLR1+	53.88	32.2	PASS
n78	30	100	650000	270@0	DFT_QAM64	U-ACLR2+	54.09	35.2	PASS
n78	30	100	650000	1@0	DFT_QAM256	NR-ACLR1-	44.96	29.2	PASS
n78	30	100	650000	1@0	DFT_QAM256	NR-ACLR1+	47.81	29.2	PASS
n78	30	100	650000	1@0	DFT_QAM256	U-ACLR12-	56.69	35.2	PASS
n78	30	100	650000	1@0	DFT_QAM256	U-ACLR11-	48.72	32.2	PASS
n78	30	100	650000	1@0	DFT_QAM256	U-ACLR1+	58.70	32.2	PASS
n78	30	100	650000	1@0	DFT_QAM256	U-ACLR2+	59.14	35.2	PASS
n78	30	100	650000	270@0	DFT_QAM256	NR-ACLR1-	42.77	29.2	PASS
n78	30	100	650000	270@0	DFT_QAM256	NR-ACLR1+	43.26	29.2	PASS
n78	30	100	650000	270@0	DFT_QAM256	U-ACLR12-	54.00	35.2	PASS
n78	30	100	650000	270@0	DFT_QAM256	U-ACLR11-	53.79	32.2	PASS
n78	30	100	650000	270@0	DFT_QAM256	U-ACLR1+	53.87	32.2	PASS
n78	30	100	650000	270@0	DFT_QAM256	U-ACLR2+	54.10	35.2	PASS
n78	30	100	650000	137@68	CP_QPSK	NR-ACLR1-	42.73	29.2	PASS
n78	30	100	650000	137@68	CP_QPSK	NR-ACLR1+	43.56	29.2	PASS
n78	30	100	650000	137@68	CP_QPSK	U-ACLR12-	53.83	35.2	PASS
n78	30	100	650000	137@68	CP_QPSK	U-ACLR11-	53.57	32.2	PASS
n78	30	100	650000	137@68	CP_QPSK	U-ACLR1+	54.07	32.2	PASS
n78	30	100	650000	137@68	CP_QPSK	U-ACLR2+	54.45	35.2	PASS
n78	30	100	650000	1@0	CP_QPSK	NR-ACLR1-	45.07	29.2	PASS
n78	30	100	650000	1@0	CP_QPSK	NR-ACLR1+	47.75	29.2	PASS
n78	30	100	650000	1@0	CP_QPSK	U-ACLR12-	56.52	35.2	PASS
n78	30	100	650000	1@0	CP_QPSK	U-ACLR11-	49.45	32.2	PASS
n78	30	100	650000	1@0	CP_QPSK	U-ACLR1+	58.50	32.2	PASS
n78	30	100	650000	1@0	CP_QPSK	U-ACLR2+	58.89	35.2	PASS
n78	30	100	650000	273@0	CP_QPSK	NR-ACLR1-	44.69	29.2	PASS
n78	30	100	650000	273@0	CP_QPSK	NR-ACLR1+	47.46	29.2	PASS
n78	30	100	650000	273@0	CP_QPSK	U-ACLR12-	56.31	35.2	PASS
n78	30	100	650000	273@0	CP_QPSK	U-ACLR11-	49.52	32.2	PASS
n78	30	100	650000	273@0	CP_QPSK	U-ACLR1+	58.37	32.2	PASS
n78	30	100	650000	273@0	CP_QPSK	U-ACLR2+	58.77	35.2	PASS
n78	30	100	650000	137@68	CP_QAM16	NR-ACLR1-	47.51	29.2	PASS
n78	30	100	650000	137@68	CP_QAM16	NR-ACLR1+	49.40	29.2	PASS
n78	30	100	650000	137@68	CP_QAM16	U-ACLR12-	55.74	35.2	PASS
n78	30	100	650000	137@68	CP_QAM16	U-ACLR11-	59.36	32.2	PASS
n78	30	100	650000	137@68	CP_QAM16	U-ACLR1+	60.04	32.2	PASS
n78	30	100	650000	137@68	CP_QAM16	U-ACLR2+	60.35	35.2	PASS
n78	30	100	650000	1@0	CP_QAM16	NR-ACLR1-	45.25	29.2	PASS
n78	30	100	650000	1@0	CP_QAM16	NR-ACLR1+	48.00	29.2	PASS
n78	30	100	650000	1@0	CP_QAM16	U-ACLR12-	56.58	35.2	PASS

n78	30	100	650000	1@0	CP_QAM16	U-ACLR11-	49.17	32.2	PASS
n78	30	100	650000	1@0	CP_QAM16	U-ACLR1+	58.79	32.2	PASS
n78	30	100	650000	1@0	CP_QAM16	U-ACLR2+	59.15	35.2	PASS
n78	30	100	650000	273@0	CP_QAM16	NR-ACLR1-	45.12	29.2	PASS
n78	30	100	650000	273@0	CP_QAM16	NR-ACLR1+	47.81	29.2	PASS
n78	30	100	650000	273@0	CP_QAM16	U-ACLR12-	56.46	35.2	PASS
n78	30	100	650000	273@0	CP_QAM16	U-ACLR11-	49.04	32.2	PASS
n78	30	100	650000	273@0	CP_QAM16	U-ACLR1+	58.45	32.2	PASS
n78	30	100	650000	273@0	CP_QAM16	U-ACLR2+	58.95	35.2	PASS
n78	30	100	650000	1@0	CP_QAM64	NR-ACLR1-	45.06	29.2	PASS
n78	30	100	650000	1@0	CP_QAM64	NR-ACLR1+	47.86	29.2	PASS
n78	30	100	650000	1@0	CP_QAM64	U-ACLR12-	56.64	35.2	PASS
n78	30	100	650000	1@0	CP_QAM64	U-ACLR11-	49.14	32.2	PASS
n78	30	100	650000	1@0	CP_QAM64	U-ACLR1+	58.62	32.2	PASS
n78	30	100	650000	1@0	CP_QAM64	U-ACLR2+	59.08	35.2	PASS
n78	30	100	650000	273@0	CP_QAM64	NR-ACLR1-	45.09	29.2	PASS
n78	30	100	650000	273@0	CP_QAM64	NR-ACLR1+	47.85	29.2	PASS
n78	30	100	650000	273@0	CP_QAM64	U-ACLR12-	56.62	35.2	PASS
n78	30	100	650000	273@0	CP_QAM64	U-ACLR11-	49.29	32.2	PASS
n78	30	100	650000	273@0	CP_QAM64	U-ACLR1+	58.72	32.2	PASS
n78	30	100	650000	273@0	CP_QAM64	U-ACLR2+	59.09	35.2	PASS
n78	30	100	650000	1@0	CP_QAM256	NR-ACLR1-	45.03	29.2	PASS
n78	30	100	650000	1@0	CP_QAM256	NR-ACLR1+	47.81	29.2	PASS
n78	30	100	650000	1@0	CP_QAM256	U-ACLR12-	56.63	35.2	PASS
n78	30	100	650000	1@0	CP_QAM256	U-ACLR11-	49.30	32.2	PASS
n78	30	100	650000	1@0	CP_QAM256	U-ACLR1+	58.68	32.2	PASS
n78	30	100	650000	1@0	CP_QAM256	U-ACLR2+	59.08	35.2	PASS
n78	30	100	650000	273@0	CP_QAM256	NR-ACLR1-	45.00	29.2	PASS
n78	30	100	650000	273@0	CP_QAM256	NR-ACLR1+	47.81	29.2	PASS
n78	30	100	650000	273@0	CP_QAM256	U-ACLR12-	56.62	35.2	PASS
n78	30	100	650000	273@0	CP_QAM256	U-ACLR11-	49.03	32.2	PASS
n78	30	100	650000	273@0	CP_QAM256	U-ACLR1+	58.60	32.2	PASS
n78	30	100	650000	273@0	CP_QAM256	U-ACLR2+	59.05	35.2	PASS
n8	30	10	177000	12@6	DFT_BPSK	NR-ACLR1-	45.16	29.2	PASS
n8	30	10	177000	12@6	DFT_BPSK	NR-ACLR1+	46.14	29.2	PASS
n8	30	10	177000	12@6	DFT_BPSK	U-ACLR12-	57.94	35.2	PASS
n8	30	10	177000	12@6	DFT_BPSK	U-ACLR11-	46.67	32.2	PASS
n8	30	10	177000	12@6	DFT_BPSK	U-ACLR1+	47.70	32.2	PASS
n8	30	10	177000	12@6	DFT_BPSK	U-ACLR2+	57.44	35.2	PASS
n8	30	10	177000	1@0	DFT_BPSK	NR-ACLR1-	51.33	29.2	PASS
n8	30	10	177000	1@0	DFT_BPSK	NR-ACLR1+	54.03	29.2	PASS
n8	30	10	177000	1@0	DFT_BPSK	U-ACLR12-	58.95	35.2	PASS
n8	30	10	177000	1@0	DFT_BPSK	U-ACLR11-	54.74	32.2	PASS
n8	30	10	177000	1@0	DFT_BPSK	U-ACLR1+	57.28	32.2	PASS

n8	30	10	177000	1@0	DFT_BPSK	U-ACLR2+	58.55	35.2	PASS
n8	30	10	177000	24@0	DFT_BPSK	NR-ACLR1-	42.18	29.2	PASS
n8	30	10	177000	24@0	DFT_BPSK	NR-ACLR1+	43.75	29.2	PASS
n8	30	10	177000	24@0	DFT_BPSK	U-ACLR12-	50.36	35.2	PASS
n8	30	10	177000	24@0	DFT_BPSK	U-ACLR11-	44.37	32.2	PASS
n8	30	10	177000	24@0	DFT_BPSK	U-ACLR1+	46.20	32.2	PASS
n8	30	10	177000	24@0	DFT_BPSK	U-ACLR2+	50.29	35.2	PASS
n8	30	10	177000	12@6	DFT_QPSK	NR-ACLR1-	42.57	29.2	PASS
n8	30	10	177000	12@6	DFT_QPSK	NR-ACLR1+	43.36	29.2	PASS
n8	30	10	177000	12@6	DFT_QPSK	U-ACLR12-	56.32	35.2	PASS
n8	30	10	177000	12@6	DFT_QPSK	U-ACLR11-	44.19	32.2	PASS
n8	30	10	177000	12@6	DFT_QPSK	U-ACLR1+	44.99	32.2	PASS
n8	30	10	177000	12@6	DFT_QPSK	U-ACLR2+	55.37	35.2	PASS
n8	30	10	177000	1@0	DFT_QPSK	NR-ACLR1-	50.82	29.2	PASS
n8	30	10	177000	1@0	DFT_QPSK	NR-ACLR1+	53.57	29.2	PASS
n8	30	10	177000	1@0	DFT_QPSK	U-ACLR12-	58.61	35.2	PASS
n8	30	10	177000	1@0	DFT_QPSK	U-ACLR11-	54.31	32.2	PASS
n8	30	10	177000	1@0	DFT_QPSK	U-ACLR1+	56.73	32.2	PASS
n8	30	10	177000	1@0	DFT_QPSK	U-ACLR2+	58.22	35.2	PASS
n8	30	10	177000	24@0	DFT_QPSK	NR-ACLR1-	38.62	29.2	PASS
n8	30	10	177000	24@0	DFT_QPSK	NR-ACLR1+	39.64	29.2	PASS
n8	30	10	177000	24@0	DFT_QPSK	U-ACLR12-	48.75	35.2	PASS
n8	30	10	177000	24@0	DFT_QPSK	U-ACLR11-	40.05	32.2	PASS
n8	30	10	177000	24@0	DFT_QPSK	U-ACLR1+	41.64	32.2	PASS
n8	30	10	177000	24@0	DFT_QPSK	U-ACLR2+	46.79	35.2	PASS
n8	30	10	177000	12@6	DFT_QAM16	NR-ACLR1-	44.24	29.2	PASS
n8	30	10	177000	12@6	DFT_QAM16	NR-ACLR1+	44.78	29.2	PASS
n8	30	10	177000	12@6	DFT_QAM16	U-ACLR12-	56.60	35.2	PASS
n8	30	10	177000	12@6	DFT_QAM16	U-ACLR11-	45.95	32.2	PASS
n8	30	10	177000	12@6	DFT_QAM16	U-ACLR1+	46.43	32.2	PASS
n8	30	10	177000	12@6	DFT_QAM16	U-ACLR2+	55.60	35.2	PASS
n8	30	10	177000	1@0	DFT_QAM16	NR-ACLR1-	50.82	29.2	PASS
n8	30	10	177000	1@0	DFT_QAM16	NR-ACLR1+	52.75	29.2	PASS
n8	30	10	177000	1@0	DFT_QAM16	U-ACLR12-	57.97	35.2	PASS
n8	30	10	177000	1@0	DFT_QAM16	U-ACLR11-	54.07	32.2	PASS
n8	30	10	177000	1@0	DFT_QAM16	U-ACLR1+	55.96	32.2	PASS
n8	30	10	177000	1@0	DFT_QAM16	U-ACLR2+	57.34	35.2	PASS
n8	30	10	177000	24@0	DFT_QAM16	NR-ACLR1-	39.88	29.2	PASS
n8	30	10	177000	24@0	DFT_QAM16	NR-ACLR1+	40.92	29.2	PASS
n8	30	10	177000	24@0	DFT_QAM16	U-ACLR12-	50.50	35.2	PASS
n8	30	10	177000	24@0	DFT_QAM16	U-ACLR11-	41.21	32.2	PASS
n8	30	10	177000	24@0	DFT_QAM16	U-ACLR1+	42.86	32.2	PASS
n8	30	10	177000	24@0	DFT_QAM16	U-ACLR2+	48.22	35.2	PASS
n8	30	10	177000	1@0	DFT_QAM64	NR-ACLR1-	49.96	29.2	PASS

n8	30	10	177000	1@0	DFT_QAM64	NR-ACLR1+	52.74	29.2	PASS
n8	30	10	177000	1@0	DFT_QAM64	U-ACLR12-	57.70	35.2	PASS
n8	30	10	177000	1@0	DFT_QAM64	U-ACLR11-	52.92	32.2	PASS
n8	30	10	177000	1@0	DFT_QAM64	U-ACLR1+	55.94	32.2	PASS
n8	30	10	177000	1@0	DFT_QAM64	U-ACLR2+	57.35	35.2	PASS
n8	30	10	177000	24@0	DFT_QAM64	NR-ACLR1-	40.81	29.2	PASS
n8	30	10	177000	24@0	DFT_QAM64	NR-ACLR1+	41.60	29.2	PASS
n8	30	10	177000	24@0	DFT_QAM64	U-ACLR12-	51.00	35.2	PASS
n8	30	10	177000	24@0	DFT_QAM64	U-ACLR11-	42.21	32.2	PASS
n8	30	10	177000	24@0	DFT_QAM64	U-ACLR1+	43.64	32.2	PASS
n8	30	10	177000	24@0	DFT_QAM64	U-ACLR2+	48.60	35.2	PASS
n8	30	10	177000	1@0	DFT_QAM256	NR-ACLR1-	50.79	29.2	PASS
n8	30	10	177000	1@0	DFT_QAM256	NR-ACLR1+	52.86	29.2	PASS
n8	30	10	177000	1@0	DFT_QAM256	U-ACLR12-	57.95	35.2	PASS
n8	30	10	177000	1@0	DFT_QAM256	U-ACLR11-	54.16	32.2	PASS
n8	30	10	177000	1@0	DFT_QAM256	U-ACLR1+	56.06	32.2	PASS
n8	30	10	177000	1@0	DFT_QAM256	U-ACLR2+	57.44	35.2	PASS
n8	30	10	177000	24@0	DFT_QAM256	NR-ACLR1-	40.90	29.2	PASS
n8	30	10	177000	24@0	DFT_QAM256	NR-ACLR1+	41.66	29.2	PASS
n8	30	10	177000	24@0	DFT_QAM256	U-ACLR12-	51.03	35.2	PASS
n8	30	10	177000	24@0	DFT_QAM256	U-ACLR11-	42.30	32.2	PASS
n8	30	10	177000	24@0	DFT_QAM256	U-ACLR1+	43.74	32.2	PASS
n8	30	10	177000	24@0	DFT_QAM256	U-ACLR2+	48.52	35.2	PASS
n8	30	10	177000	12@6	CP_QPSK	NR-ACLR1-	46.97	29.2	PASS
n8	30	10	177000	12@6	CP_QPSK	NR-ACLR1+	47.15	29.2	PASS
n8	30	10	177000	12@6	CP_QPSK	U-ACLR12-	56.54	35.2	PASS
n8	30	10	177000	12@6	CP_QPSK	U-ACLR11-	48.69	32.2	PASS
n8	30	10	177000	12@6	CP_QPSK	U-ACLR1+	48.85	32.2	PASS
n8	30	10	177000	12@6	CP_QPSK	U-ACLR2+	55.84	35.2	PASS
n8	30	10	177000	1@0	CP_QPSK	NR-ACLR1-	50.81	29.2	PASS
n8	30	10	177000	1@0	CP_QPSK	NR-ACLR1+	52.83	29.2	PASS
n8	30	10	177000	1@0	CP_QPSK	U-ACLR12-	57.88	35.2	PASS
n8	30	10	177000	1@0	CP_QPSK	U-ACLR11-	54.16	32.2	PASS
n8	30	10	177000	1@0	CP_QPSK	U-ACLR1+	56.03	32.2	PASS
n8	30	10	177000	1@0	CP_QPSK	U-ACLR2+	57.43	35.2	PASS
n8	30	10	177000	24@0	CP_QPSK	NR-ACLR1-	36.79	29.2	PASS
n8	30	10	177000	24@0	CP_QPSK	NR-ACLR1+	38.00	29.2	PASS
n8	30	10	177000	24@0	CP_QPSK	U-ACLR12-	49.02	35.2	PASS
n8	30	10	177000	24@0	CP_QPSK	U-ACLR11-	37.93	32.2	PASS
n8	30	10	177000	24@0	CP_QPSK	U-ACLR1+	39.58	32.2	PASS
n8	30	10	177000	24@0	CP_QPSK	U-ACLR2+	46.63	35.2	PASS
n8	30	10	177000	12@6	CP_QAM16	NR-ACLR1-	43.68	29.2	PASS
n8	30	10	177000	12@6	CP_QAM16	NR-ACLR1+	44.17	29.2	PASS
n8	30	10	177000	12@6	CP_QAM16	U-ACLR12-	55.69	35.2	PASS

n8	30	10	177000	12@6	CP_QAM16	U-ACLR11-	45.47	32.2	PASS
n8	30	10	177000	12@6	CP_QAM16	U-ACLR1+	45.87	32.2	PASS
n8	30	10	177000	12@6	CP_QAM16	U-ACLR2+	54.69	35.2	PASS
n8	30	10	177000	1@0	CP_QAM16	NR-ACLR1-	49.79	29.2	PASS
n8	30	10	177000	1@0	CP_QAM16	NR-ACLR1+	51.65	29.2	PASS
n8	30	10	177000	1@0	CP_QAM16	U-ACLR12-	57.07	35.2	PASS
n8	30	10	177000	1@0	CP_QAM16	U-ACLR11-	52.91	32.2	PASS
n8	30	10	177000	1@0	CP_QAM16	U-ACLR1+	54.79	32.2	PASS
n8	30	10	177000	1@0	CP_QAM16	U-ACLR2+	56.32	35.2	PASS
n8	30	10	177000	24@0	CP_QAM16	NR-ACLR1-	36.17	29.2	PASS
n8	30	10	177000	24@0	CP_QAM16	NR-ACLR1+	37.26	29.2	PASS
n8	30	10	177000	24@0	CP_QAM16	U-ACLR12-	48.88	35.2	PASS
n8	30	10	177000	24@0	CP_QAM16	U-ACLR11-	37.35	32.2	PASS
n8	30	10	177000	24@0	CP_QAM16	U-ACLR1+	38.75	32.2	PASS
n8	30	10	177000	24@0	CP_QAM16	U-ACLR2+	46.49	35.2	PASS
n8	30	10	177000	1@0	CP_QAM64	NR-ACLR1-	50.27	29.2	PASS
n8	30	10	177000	1@0	CP_QAM64	NR-ACLR1+	51.55	29.2	PASS
n8	30	10	177000	1@0	CP_QAM64	U-ACLR12-	56.93	35.2	PASS
n8	30	10	177000	1@0	CP_QAM64	U-ACLR11-	53.35	32.2	PASS
n8	30	10	177000	1@0	CP_QAM64	U-ACLR1+	54.78	32.2	PASS
n8	30	10	177000	1@0	CP_QAM64	U-ACLR2+	56.09	35.2	PASS
n8	30	10	177000	24@0	CP_QAM64	NR-ACLR1-	37.95	29.2	PASS
n8	30	10	177000	24@0	CP_QAM64	NR-ACLR1+	39.10	29.2	PASS
n8	30	10	177000	24@0	CP_QAM64	U-ACLR12-	50.09	35.2	PASS
n8	30	10	177000	24@0	CP_QAM64	U-ACLR11-	39.13	32.2	PASS
n8	30	10	177000	24@0	CP_QAM64	U-ACLR1+	40.68	32.2	PASS
n8	30	10	177000	24@0	CP_QAM64	U-ACLR2+	47.67	35.2	PASS
n8	30	10	177000	1@0	CP_QAM256	NR-ACLR1-	50.24	29.2	PASS
n8	30	10	177000	1@0	CP_QAM256	NR-ACLR1+	51.55	29.2	PASS
n8	30	10	177000	1@0	CP_QAM256	U-ACLR12-	56.95	35.2	PASS
n8	30	10	177000	1@0	CP_QAM256	U-ACLR11-	53.34	32.2	PASS
n8	30	10	177000	1@0	CP_QAM256	U-ACLR1+	54.75	32.2	PASS
n8	30	10	177000	1@0	CP_QAM256	U-ACLR2+	56.13	35.2	PASS
n8	30	10	177000	24@0	CP_QAM256	NR-ACLR1-	37.95	29.2	PASS
n8	30	10	177000	24@0	CP_QAM256	NR-ACLR1+	39.08	29.2	PASS
n8	30	10	177000	24@0	CP_QAM256	U-ACLR12-	50.08	35.2	PASS
n8	30	10	177000	24@0	CP_QAM256	U-ACLR11-	39.12	32.2	PASS
n8	30	10	177000	24@0	CP_QAM256	U-ACLR1+	40.67	32.2	PASS
n8	30	10	177000	24@0	CP_QAM256	U-ACLR2+	47.63	35.2	PASS
n8	30	10	182000	12@6	DFT_BPSK	NR-ACLR1-	46.90	29.2	PASS
n8	30	10	182000	12@6	DFT_BPSK	NR-ACLR1+	48.77	29.2	PASS
n8	30	10	182000	12@6	DFT_BPSK	U-ACLR12-	56.19	35.2	PASS
n8	30	10	182000	12@6	DFT_BPSK	U-ACLR11-	48.56	32.2	PASS
n8	30	10	182000	12@6	DFT_BPSK	U-ACLR1+	50.16	32.2	PASS

n8	30	10	182000	12@6	DFT_BPSK	U-ACLR2+	60.06	35.2	PASS
n8	30	10	182000	1@23	DFT_BPSK	NR-ACLR1-	51.85	29.2	PASS
n8	30	10	182000	1@23	DFT_BPSK	NR-ACLR1+	52.53	29.2	PASS
n8	30	10	182000	1@23	DFT_BPSK	U-ACLR12-	56.64	35.2	PASS
n8	30	10	182000	1@23	DFT_BPSK	U-ACLR11-	54.91	32.2	PASS
n8	30	10	182000	1@23	DFT_BPSK	U-ACLR1+	55.12	32.2	PASS
n8	30	10	182000	1@23	DFT_BPSK	U-ACLR2+	60.58	35.2	PASS
n8	30	10	182000	24@0	DFT_BPSK	NR-ACLR1-	39.81	29.2	PASS
n8	30	10	182000	24@0	DFT_BPSK	NR-ACLR1+	41.70	29.2	PASS
n8	30	10	182000	24@0	DFT_BPSK	U-ACLR12-	48.51	35.2	PASS
n8	30	10	182000	24@0	DFT_BPSK	U-ACLR11-	41.49	32.2	PASS
n8	30	10	182000	24@0	DFT_BPSK	U-ACLR1+	42.38	32.2	PASS
n8	30	10	182000	24@0	DFT_BPSK	U-ACLR2+	60.36	35.2	PASS
n8	30	10	182000	12@6	DFT_QPSK	NR-ACLR1-	46.82	29.2	PASS
n8	30	10	182000	12@6	DFT_QPSK	NR-ACLR1+	48.84	29.2	PASS
n8	30	10	182000	12@6	DFT_QPSK	U-ACLR12-	55.94	35.2	PASS
n8	30	10	182000	12@6	DFT_QPSK	U-ACLR11-	48.54	32.2	PASS
n8	30	10	182000	12@6	DFT_QPSK	U-ACLR1+	50.22	32.2	PASS
n8	30	10	182000	12@6	DFT_QPSK	U-ACLR2+	60.03	35.2	PASS
n8	30	10	182000	1@23	DFT_QPSK	NR-ACLR1-	51.80	29.2	PASS
n8	30	10	182000	1@23	DFT_QPSK	NR-ACLR1+	52.54	29.2	PASS
n8	30	10	182000	1@23	DFT_QPSK	U-ACLR12-	56.65	35.2	PASS
n8	30	10	182000	1@23	DFT_QPSK	U-ACLR11-	54.81	32.2	PASS
n8	30	10	182000	1@23	DFT_QPSK	U-ACLR1+	55.16	32.2	PASS
n8	30	10	182000	1@23	DFT_QPSK	U-ACLR2+	60.59	35.2	PASS
n8	30	10	182000	24@0	DFT_QPSK	NR-ACLR1-	40.17	29.2	PASS
n8	30	10	182000	24@0	DFT_QPSK	NR-ACLR1+	42.89	29.2	PASS
n8	30	10	182000	24@0	DFT_QPSK	U-ACLR12-	47.88	35.2	PASS
n8	30	10	182000	24@0	DFT_QPSK	U-ACLR11-	42.11	32.2	PASS
n8	30	10	182000	24@0	DFT_QPSK	U-ACLR1+	43.54	32.2	PASS
n8	30	10	182000	24@0	DFT_QPSK	U-ACLR2+	61.01	35.2	PASS
n8	30	10	182000	12@6	DFT_QAM16	NR-ACLR1-	45.96	29.2	PASS
n8	30	10	182000	12@6	DFT_QAM16	NR-ACLR1+	47.35	29.2	PASS
n8	30	10	182000	12@6	DFT_QAM16	U-ACLR12-	55.64	35.2	PASS
n8	30	10	182000	12@6	DFT_QAM16	U-ACLR11-	47.71	32.2	PASS
n8	30	10	182000	12@6	DFT_QAM16	U-ACLR1+	48.94	32.2	PASS
n8	30	10	182000	12@6	DFT_QAM16	U-ACLR2+	59.27	35.2	PASS
n8	30	10	182000	1@23	DFT_QAM16	NR-ACLR1-	52.25	29.2	PASS
n8	30	10	182000	1@23	DFT_QAM16	NR-ACLR1+	51.87	29.2	PASS
n8	30	10	182000	1@23	DFT_QAM16	U-ACLR12-	56.89	35.2	PASS
n8	30	10	182000	1@23	DFT_QAM16	U-ACLR11-	55.48	32.2	PASS
n8	30	10	182000	1@23	DFT_QAM16	U-ACLR1+	55.01	32.2	PASS
n8	30	10	182000	1@23	DFT_QAM16	U-ACLR2+	59.32	35.2	PASS
n8	30	10	182000	24@0	DFT_QAM16	NR-ACLR1-	41.34	29.2	PASS

n8	30	10	182000	24@0	DFT_QAM16	NR-ACLR1+	43.45	29.2	PASS
n8	30	10	182000	24@0	DFT_QAM16	U-ACLR12-	49.14	35.2	PASS
n8	30	10	182000	24@0	DFT_QAM16	U-ACLR11-	43.20	32.2	PASS
n8	30	10	182000	24@0	DFT_QAM16	U-ACLR1+	44.27	32.2	PASS
n8	30	10	182000	24@0	DFT_QAM16	U-ACLR2+	57.83	35.2	PASS
n8	30	10	182000	1@23	DFT_QAM64	NR-ACLR1-	52.24	29.2	PASS
n8	30	10	182000	1@23	DFT_QAM64	NR-ACLR1+	51.74	29.2	PASS
n8	30	10	182000	1@23	DFT_QAM64	U-ACLR12-	56.87	35.2	PASS
n8	30	10	182000	1@23	DFT_QAM64	U-ACLR11-	55.45	32.2	PASS
n8	30	10	182000	1@23	DFT_QAM64	U-ACLR1+	55.00	32.2	PASS
n8	30	10	182000	1@23	DFT_QAM64	U-ACLR2+	59.09	35.2	PASS
n8	30	10	182000	24@0	DFT_QAM64	NR-ACLR1-	42.46	29.2	PASS
n8	30	10	182000	24@0	DFT_QAM64	NR-ACLR1+	44.34	29.2	PASS
n8	30	10	182000	24@0	DFT_QAM64	U-ACLR12-	49.44	35.2	PASS
n8	30	10	182000	24@0	DFT_QAM64	U-ACLR11-	44.56	32.2	PASS
n8	30	10	182000	24@0	DFT_QAM64	U-ACLR1+	45.15	32.2	PASS
n8	30	10	182000	24@0	DFT_QAM64	U-ACLR2+	58.91	35.2	PASS
n8	30	10	182000	1@23	DFT_QAM256	NR-ACLR1-	52.21	29.2	PASS
n8	30	10	182000	1@23	DFT_QAM256	NR-ACLR1+	51.32	29.2	PASS
n8	30	10	182000	1@23	DFT_QAM256	U-ACLR12-	56.83	35.2	PASS
n8	30	10	182000	1@23	DFT_QAM256	U-ACLR11-	55.43	32.2	PASS
n8	30	10	182000	1@23	DFT_QAM256	U-ACLR1+	54.71	32.2	PASS
n8	30	10	182000	1@23	DFT_QAM256	U-ACLR2+	59.13	35.2	PASS
n8	30	10	182000	24@0	DFT_QAM256	NR-ACLR1-	42.42	29.2	PASS
n8	30	10	182000	24@0	DFT_QAM256	NR-ACLR1+	44.49	29.2	PASS
n8	30	10	182000	24@0	DFT_QAM256	U-ACLR12-	49.49	35.2	PASS
n8	30	10	182000	24@0	DFT_QAM256	U-ACLR11-	44.43	32.2	PASS
n8	30	10	182000	24@0	DFT_QAM256	U-ACLR1+	45.31	32.2	PASS
n8	30	10	182000	24@0	DFT_QAM256	U-ACLR2+	58.84	35.2	PASS
n8	30	10	182000	12@6	CP_QPSK	NR-ACLR1-	38.06	29.2	PASS
n8	30	10	182000	12@6	CP_QPSK	NR-ACLR1+	40.17	29.2	PASS
n8	30	10	182000	12@6	CP_QPSK	U-ACLR12-	47.25	35.2	PASS
n8	30	10	182000	12@6	CP_QPSK	U-ACLR11-	39.61	32.2	PASS
n8	30	10	182000	12@6	CP_QPSK	U-ACLR1+	40.83	32.2	PASS
n8	30	10	182000	12@6	CP_QPSK	U-ACLR2+	58.59	35.2	PASS
n8	30	10	182000	1@23	CP_QPSK	NR-ACLR1-	51.19	29.2	PASS
n8	30	10	182000	1@23	CP_QPSK	NR-ACLR1+	51.73	29.2	PASS
n8	30	10	182000	1@23	CP_QPSK	U-ACLR12-	55.94	35.2	PASS
n8	30	10	182000	1@23	CP_QPSK	U-ACLR11-	54.30	32.2	PASS
n8	30	10	182000	1@23	CP_QPSK	U-ACLR1+	54.56	32.2	PASS
n8	30	10	182000	1@23	CP_QPSK	U-ACLR2+	59.00	35.2	PASS
n8	30	10	182000	24@0	CP_QPSK	NR-ACLR1-	37.85	29.2	PASS
n8	30	10	182000	24@0	CP_QPSK	NR-ACLR1+	40.07	29.2	PASS
n8	30	10	182000	24@0	CP_QPSK	U-ACLR12-	47.28	35.2	PASS

n8	30	10	182000	24@0	CP_QPSK	U-ACLR11-	39.34	32.2	PASS
n8	30	10	182000	24@0	CP_QPSK	U-ACLR1+	40.73	32.2	PASS
n8	30	10	182000	24@0	CP_QPSK	U-ACLR2+	58.64	35.2	PASS
n8	30	10	182000	12@6	CP_QAM16	NR-ACLR1-	45.32	29.2	PASS
n8	30	10	182000	12@6	CP_QAM16	NR-ACLR1+	47.02	29.2	PASS
n8	30	10	182000	12@6	CP_QAM16	U-ACLR12-	54.81	35.2	PASS
n8	30	10	182000	12@6	CP_QAM16	U-ACLR11-	47.10	32.2	PASS
n8	30	10	182000	12@6	CP_QAM16	U-ACLR1+	48.63	32.2	PASS
n8	30	10	182000	12@6	CP_QAM16	U-ACLR2+	58.83	35.2	PASS
n8	30	10	182000	1@23	CP_QAM16	NR-ACLR1-	50.88	29.2	PASS
n8	30	10	182000	1@23	CP_QAM16	NR-ACLR1+	51.16	29.2	PASS
n8	30	10	182000	1@23	CP_QAM16	U-ACLR12-	55.62	35.2	PASS
n8	30	10	182000	1@23	CP_QAM16	U-ACLR11-	54.03	32.2	PASS
n8	30	10	182000	1@23	CP_QAM16	U-ACLR1+	54.06	32.2	PASS
n8	30	10	182000	1@23	CP_QAM16	U-ACLR2+	58.64	35.2	PASS
n8	30	10	182000	24@0	CP_QAM16	NR-ACLR1-	38.07	29.2	PASS
n8	30	10	182000	24@0	CP_QAM16	NR-ACLR1+	39.83	29.2	PASS
n8	30	10	182000	24@0	CP_QAM16	U-ACLR12-	47.74	35.2	PASS
n8	30	10	182000	24@0	CP_QAM16	U-ACLR11-	39.57	32.2	PASS
n8	30	10	182000	24@0	CP_QAM16	U-ACLR1+	40.52	32.2	PASS
n8	30	10	182000	24@0	CP_QAM16	U-ACLR2+	60.58	35.2	PASS
n8	30	10	182000	1@23	CP_QAM64	NR-ACLR1-	50.87	29.2	PASS
n8	30	10	182000	1@23	CP_QAM64	NR-ACLR1+	51.50	29.2	PASS
n8	30	10	182000	1@23	CP_QAM64	U-ACLR12-	55.49	35.2	PASS
n8	30	10	182000	1@23	CP_QAM64	U-ACLR11-	54.06	32.2	PASS
n8	30	10	182000	1@23	CP_QAM64	U-ACLR1+	54.40	32.2	PASS
n8	30	10	182000	1@23	CP_QAM64	U-ACLR2+	58.43	35.2	PASS
n8	30	10	182000	24@0	CP_QAM64	NR-ACLR1-	39.62	29.2	PASS
n8	30	10	182000	24@0	CP_QAM64	NR-ACLR1+	41.49	29.2	PASS
n8	30	10	182000	24@0	CP_QAM64	U-ACLR12-	48.56	35.2	PASS
n8	30	10	182000	24@0	CP_QAM64	U-ACLR11-	41.22	32.2	PASS
n8	30	10	182000	24@0	CP_QAM64	U-ACLR1+	42.26	32.2	PASS
n8	30	10	182000	24@0	CP_QAM64	U-ACLR2+	58.37	35.2	PASS
n8	30	10	182000	1@23	CP_QAM256	NR-ACLR1-	50.84	29.2	PASS
n8	30	10	182000	1@23	CP_QAM256	NR-ACLR1+	51.53	29.2	PASS
n8	30	10	182000	1@23	CP_QAM256	U-ACLR12-	55.46	35.2	PASS
n8	30	10	182000	1@23	CP_QAM256	U-ACLR11-	54.03	32.2	PASS
n8	30	10	182000	1@23	CP_QAM256	U-ACLR1+	54.36	32.2	PASS
n8	30	10	182000	1@23	CP_QAM256	U-ACLR2+	58.40	35.2	PASS
n8	30	10	182000	24@0	CP_QAM256	NR-ACLR1-	39.69	29.2	PASS
n8	30	10	182000	24@0	CP_QAM256	NR-ACLR1+	41.53	29.2	PASS
n8	30	10	182000	24@0	CP_QAM256	U-ACLR12-	48.53	35.2	PASS
n8	30	10	182000	24@0	CP_QAM256	U-ACLR11-	41.32	32.2	PASS
n8	30	10	182000	24@0	CP_QAM256	U-ACLR1+	42.29	32.2	PASS

n8	30	10	182000	24@0	CP_QAM256	U-ACLR2+	58.31	35.2	PASS
n8	30	20	178000	25@12	DFT_BPSK	NR-ACLR1-	45.99	29.2	PASS
n8	30	20	178000	25@12	DFT_BPSK	NR-ACLR1+	45.57	29.2	PASS
n8	30	20	178000	25@12	DFT_BPSK	U-ACLR12-	55.13	35.2	PASS
n8	30	20	178000	25@12	DFT_BPSK	U-ACLR11-	47.46	32.2	PASS
n8	30	20	178000	25@12	DFT_BPSK	U-ACLR1+	47.80	32.2	PASS
n8	30	20	178000	25@12	DFT_BPSK	U-ACLR2+	53.64	35.2	PASS
n8	30	20	178000	1@0	DFT_BPSK	NR-ACLR1-	49.22	29.2	PASS
n8	30	20	178000	1@0	DFT_BPSK	NR-ACLR1+	51.10	29.2	PASS
n8	30	20	178000	1@0	DFT_BPSK	U-ACLR12-	56.80	35.2	PASS
n8	30	20	178000	1@0	DFT_BPSK	U-ACLR11-	53.37	32.2	PASS
n8	30	20	178000	1@0	DFT_BPSK	U-ACLR1+	56.60	32.2	PASS
n8	30	20	178000	1@0	DFT_BPSK	U-ACLR2+	57.94	35.2	PASS
n8	30	20	178000	50@0	DFT_BPSK	NR-ACLR1-	40.37	29.2	PASS
n8	30	20	178000	50@0	DFT_BPSK	NR-ACLR1+	37.61	29.2	PASS
n8	30	20	178000	50@0	DFT_BPSK	U-ACLR12-	46.99	35.2	PASS
n8	30	20	178000	50@0	DFT_BPSK	U-ACLR11-	42.63	32.2	PASS
n8	30	20	178000	50@0	DFT_BPSK	U-ACLR1+	41.22	32.2	PASS
n8	30	20	178000	50@0	DFT_BPSK	U-ACLR2+	43.74	35.2	PASS
n8	30	20	178000	25@12	DFT_QPSK	NR-ACLR1-	45.47	29.2	PASS
n8	30	20	178000	25@12	DFT_QPSK	NR-ACLR1+	45.15	29.2	PASS
n8	30	20	178000	25@12	DFT_QPSK	U-ACLR12-	54.33	35.2	PASS
n8	30	20	178000	25@12	DFT_QPSK	U-ACLR11-	47.30	32.2	PASS
n8	30	20	178000	25@12	DFT_QPSK	U-ACLR1+	47.64	32.2	PASS
n8	30	20	178000	25@12	DFT_QPSK	U-ACLR2+	53.08	35.2	PASS
n8	30	20	178000	1@0	DFT_QPSK	NR-ACLR1-	48.85	29.2	PASS
n8	30	20	178000	1@0	DFT_QPSK	NR-ACLR1+	51.19	29.2	PASS
n8	30	20	178000	1@0	DFT_QPSK	U-ACLR12-	56.85	35.2	PASS
n8	30	20	178000	1@0	DFT_QPSK	U-ACLR11-	52.61	32.2	PASS
n8	30	20	178000	1@0	DFT_QPSK	U-ACLR1+	56.75	32.2	PASS
n8	30	20	178000	1@0	DFT_QPSK	U-ACLR2+	57.98	35.2	PASS
n8	30	20	178000	50@0	DFT_QPSK	NR-ACLR1-	40.15	29.2	PASS
n8	30	20	178000	50@0	DFT_QPSK	NR-ACLR1+	37.07	29.2	PASS
n8	30	20	178000	50@0	DFT_QPSK	U-ACLR12-	46.32	35.2	PASS
n8	30	20	178000	50@0	DFT_QPSK	U-ACLR11-	42.62	32.2	PASS
n8	30	20	178000	50@0	DFT_QPSK	U-ACLR1+	41.44	32.2	PASS
n8	30	20	178000	50@0	DFT_QPSK	U-ACLR2+	43.11	35.2	PASS
n8	30	20	178000	25@12	DFT_QAM16	NR-ACLR1-	44.63	29.2	PASS
n8	30	20	178000	25@12	DFT_QAM16	NR-ACLR1+	44.86	29.2	PASS
n8	30	20	178000	25@12	DFT_QAM16	U-ACLR12-	54.98	35.2	PASS
n8	30	20	178000	25@12	DFT_QAM16	U-ACLR11-	45.87	32.2	PASS
n8	30	20	178000	25@12	DFT_QAM16	U-ACLR1+	46.83	32.2	PASS
n8	30	20	178000	25@12	DFT_QAM16	U-ACLR2+	53.74	35.2	PASS
n8	30	20	178000	1@0	DFT_QAM16	NR-ACLR1-	49.18	29.2	PASS

n8	30	20	178000	1@0	DFT_QAM16	NR-ACLR1+	52.67	29.2	PASS
n8	30	20	178000	1@0	DFT_QAM16	U-ACLR12-	57.82	35.2	PASS
n8	30	20	178000	1@0	DFT_QAM16	U-ACLR11-	52.42	32.2	PASS
n8	30	20	178000	1@0	DFT_QAM16	U-ACLR1+	58.26	32.2	PASS
n8	30	20	178000	1@0	DFT_QAM16	U-ACLR2+	59.49	35.2	PASS
n8	30	20	178000	50@0	DFT_QAM16	NR-ACLR1-	41.57	29.2	PASS
n8	30	20	178000	50@0	DFT_QAM16	NR-ACLR1+	38.35	29.2	PASS
n8	30	20	178000	50@0	DFT_QAM16	U-ACLR12-	47.81	35.2	PASS
n8	30	20	178000	50@0	DFT_QAM16	U-ACLR11-	44.06	32.2	PASS
n8	30	20	178000	50@0	DFT_QAM16	U-ACLR1+	42.55	32.2	PASS
n8	30	20	178000	50@0	DFT_QAM16	U-ACLR2+	44.13	35.2	PASS
n8	30	20	178000	1@0	DFT_QAM64	NR-ACLR1-	49.12	29.2	PASS
n8	30	20	178000	1@0	DFT_QAM64	NR-ACLR1+	52.59	29.2	PASS
n8	30	20	178000	1@0	DFT_QAM64	U-ACLR12-	57.73	35.2	PASS
n8	30	20	178000	1@0	DFT_QAM64	U-ACLR11-	52.44	32.2	PASS
n8	30	20	178000	1@0	DFT_QAM64	U-ACLR1+	58.28	32.2	PASS
n8	30	20	178000	1@0	DFT_QAM64	U-ACLR2+	59.42	35.2	PASS
n8	30	20	178000	50@0	DFT_QAM64	NR-ACLR1-	43.15	29.2	PASS
n8	30	20	178000	50@0	DFT_QAM64	NR-ACLR1+	39.46	29.2	PASS
n8	30	20	178000	50@0	DFT_QAM64	U-ACLR12-	49.32	35.2	PASS
n8	30	20	178000	50@0	DFT_QAM64	U-ACLR11-	45.70	32.2	PASS
n8	30	20	178000	50@0	DFT_QAM64	U-ACLR1+	43.95	32.2	PASS
n8	30	20	178000	50@0	DFT_QAM64	U-ACLR2+	45.38	35.2	PASS
n8	30	20	178000	1@0	DFT_QAM256	NR-ACLR1-	49.18	29.2	PASS
n8	30	20	178000	1@0	DFT_QAM256	NR-ACLR1+	52.61	29.2	PASS
n8	30	20	178000	1@0	DFT_QAM256	U-ACLR12-	57.74	35.2	PASS
n8	30	20	178000	1@0	DFT_QAM256	U-ACLR11-	52.57	32.2	PASS
n8	30	20	178000	1@0	DFT_QAM256	U-ACLR1+	58.25	32.2	PASS
n8	30	20	178000	1@0	DFT_QAM256	U-ACLR2+	59.40	35.2	PASS
n8	30	20	178000	50@0	DFT_QAM256	NR-ACLR1-	43.11	29.2	PASS
n8	30	20	178000	50@0	DFT_QAM256	NR-ACLR1+	39.45	29.2	PASS
n8	30	20	178000	50@0	DFT_QAM256	U-ACLR12-	49.29	35.2	PASS
n8	30	20	178000	50@0	DFT_QAM256	U-ACLR11-	45.66	32.2	PASS
n8	30	20	178000	50@0	DFT_QAM256	U-ACLR1+	43.93	32.2	PASS
n8	30	20	178000	50@0	DFT_QAM256	U-ACLR2+	45.35	35.2	PASS
n8	30	20	178000	25@12	CP_QPSK	NR-ACLR1-	46.74	29.2	PASS
n8	30	20	178000	25@12	CP_QPSK	NR-ACLR1+	46.25	29.2	PASS
n8	30	20	178000	25@12	CP_QPSK	U-ACLR12-	55.30	35.2	PASS
n8	30	20	178000	25@12	CP_QPSK	U-ACLR11-	48.66	32.2	PASS
n8	30	20	178000	25@12	CP_QPSK	U-ACLR1+	48.90	32.2	PASS
n8	30	20	178000	25@12	CP_QPSK	U-ACLR2+	53.76	35.2	PASS
n8	30	20	178000	1@0	CP_QPSK	NR-ACLR1-	49.27	29.2	PASS
n8	30	20	178000	1@0	CP_QPSK	NR-ACLR1+	52.64	29.2	PASS
n8	30	20	178000	1@0	CP_QPSK	U-ACLR12-	57.79	35.2	PASS

n8	30	20	178000	1@0	CP_QPSK	U-ACLR11-	52.68	32.2	PASS
n8	30	20	178000	1@0	CP_QPSK	U-ACLR1+	58.28	32.2	PASS
n8	30	20	178000	1@0	CP_QPSK	U-ACLR2+	59.51	35.2	PASS
n8	30	20	178000	51@0	CP_QPSK	NR-ACLR1-	49.22	29.2	PASS
n8	30	20	178000	51@0	CP_QPSK	NR-ACLR1+	52.63	29.2	PASS
n8	30	20	178000	51@0	CP_QPSK	U-ACLR12-	57.75	35.2	PASS
n8	30	20	178000	51@0	CP_QPSK	U-ACLR11-	52.64	32.2	PASS
n8	30	20	178000	51@0	CP_QPSK	U-ACLR1+	58.28	32.2	PASS
n8	30	20	178000	51@0	CP_QPSK	U-ACLR2+	59.48	35.2	PASS
n8	30	20	178000	25@12	CP_QAM16	NR-ACLR1-	46.75	29.2	PASS
n8	30	20	178000	25@12	CP_QAM16	NR-ACLR1+	46.27	29.2	PASS
n8	30	20	178000	25@12	CP_QAM16	U-ACLR12-	55.31	35.2	PASS
n8	30	20	178000	25@12	CP_QAM16	U-ACLR11-	48.66	32.2	PASS
n8	30	20	178000	25@12	CP_QAM16	U-ACLR1+	48.93	32.2	PASS
n8	30	20	178000	25@12	CP_QAM16	U-ACLR2+	53.85	35.2	PASS
n8	30	20	178000	1@0	CP_QAM16	NR-ACLR1-	49.23	29.2	PASS
n8	30	20	178000	1@0	CP_QAM16	NR-ACLR1+	52.63	29.2	PASS
n8	30	20	178000	1@0	CP_QAM16	U-ACLR12-	57.82	35.2	PASS
n8	30	20	178000	1@0	CP_QAM16	U-ACLR11-	52.59	32.2	PASS
n8	30	20	178000	1@0	CP_QAM16	U-ACLR1+	58.31	32.2	PASS
n8	30	20	178000	1@0	CP_QAM16	U-ACLR2+	59.43	35.2	PASS
n8	30	20	178000	51@0	CP_QAM16	NR-ACLR1-	43.84	29.2	PASS
n8	30	20	178000	51@0	CP_QAM16	NR-ACLR1+	46.55	29.2	PASS
n8	30	20	178000	51@0	CP_QAM16	U-ACLR12-	52.19	35.2	PASS
n8	30	20	178000	51@0	CP_QAM16	U-ACLR11-	47.49	32.2	PASS
n8	30	20	178000	51@0	CP_QAM16	U-ACLR1+	53.19	32.2	PASS
n8	30	20	178000	51@0	CP_QAM16	U-ACLR2+	53.49	35.2	PASS
n8	30	20	178000	1@0	CP_QAM64	NR-ACLR1-	49.29	29.2	PASS
n8	30	20	178000	1@0	CP_QAM64	NR-ACLR1+	52.63	29.2	PASS
n8	30	20	178000	1@0	CP_QAM64	U-ACLR12-	57.83	35.2	PASS
n8	30	20	178000	1@0	CP_QAM64	U-ACLR11-	52.76	32.2	PASS
n8	30	20	178000	1@0	CP_QAM64	U-ACLR1+	58.27	32.2	PASS
n8	30	20	178000	1@0	CP_QAM64	U-ACLR2+	59.44	35.2	PASS
n8	30	20	178000	51@0	CP_QAM64	NR-ACLR1-	43.92	29.2	PASS
n8	30	20	178000	51@0	CP_QAM64	NR-ACLR1+	46.52	29.2	PASS
n8	30	20	178000	51@0	CP_QAM64	U-ACLR12-	52.18	35.2	PASS
n8	30	20	178000	51@0	CP_QAM64	U-ACLR11-	47.64	32.2	PASS
n8	30	20	178000	51@0	CP_QAM64	U-ACLR1+	53.12	32.2	PASS
n8	30	20	178000	51@0	CP_QAM64	U-ACLR2+	53.45	35.2	PASS
n8	30	20	178000	1@0	CP_QAM256	NR-ACLR1-	49.33	29.2	PASS
n8	30	20	178000	1@0	CP_QAM256	NR-ACLR1+	52.59	29.2	PASS
n8	30	20	178000	1@0	CP_QAM256	U-ACLR12-	57.79	35.2	PASS
n8	30	20	178000	1@0	CP_QAM256	U-ACLR11-	52.79	32.2	PASS
n8	30	20	178000	1@0	CP_QAM256	U-ACLR1+	58.19	32.2	PASS

n8	30	20	178000	1@0	CP_QAM256	U-ACLR2+	59.46	35.2	PASS
n8	30	20	178000	51@0	CP_QAM256	NR-ACLR1-	43.89	29.2	PASS
n8	30	20	178000	51@0	CP_QAM256	NR-ACLR1+	46.53	29.2	PASS
n8	30	20	178000	51@0	CP_QAM256	U-ACLR12-	52.12	35.2	PASS
n8	30	20	178000	51@0	CP_QAM256	U-ACLR11-	47.59	32.2	PASS
n8	30	20	178000	51@0	CP_QAM256	U-ACLR1+	53.12	32.2	PASS
n8	30	20	178000	51@0	CP_QAM256	U-ACLR2+	53.47	35.2	PASS
n8	30	20	181000	25@12	DFT_BPSK	NR-ACLR1-	45.88	29.2	PASS
n8	30	20	181000	25@12	DFT_BPSK	NR-ACLR1+	49.19	29.2	PASS
n8	30	20	181000	25@12	DFT_BPSK	U-ACLR12-	54.65	35.2	PASS
n8	30	20	181000	25@12	DFT_BPSK	U-ACLR11-	47.98	32.2	PASS
n8	30	20	181000	25@12	DFT_BPSK	U-ACLR1+	50.78	32.2	PASS
n8	30	20	181000	25@12	DFT_BPSK	U-ACLR2+	60.18	35.2	PASS
n8	30	20	181000	1@50	DFT_BPSK	NR-ACLR1-	52.29	29.2	PASS
n8	30	20	181000	1@50	DFT_BPSK	NR-ACLR1+	49.66	29.2	PASS
n8	30	20	181000	1@50	DFT_BPSK	U-ACLR12-	59.41	35.2	PASS
n8	30	20	181000	1@50	DFT_BPSK	U-ACLR11-	58.17	32.2	PASS
n8	30	20	181000	1@50	DFT_BPSK	U-ACLR1+	52.77	32.2	PASS
n8	30	20	181000	1@50	DFT_BPSK	U-ACLR2+	59.10	35.2	PASS
n8	30	20	181000	50@0	DFT_BPSK	NR-ACLR1-	40.52	29.2	PASS
n8	30	20	181000	50@0	DFT_BPSK	NR-ACLR1+	46.39	29.2	PASS
n8	30	20	181000	50@0	DFT_BPSK	U-ACLR12-	46.59	35.2	PASS
n8	30	20	181000	50@0	DFT_BPSK	U-ACLR11-	44.43	32.2	PASS
n8	30	20	181000	50@0	DFT_BPSK	U-ACLR1+	47.37	32.2	PASS
n8	30	20	181000	50@0	DFT_BPSK	U-ACLR2+	60.01	35.2	PASS
n8	30	20	181000	25@12	DFT_QPSK	NR-ACLR1-	41.17	29.2	PASS
n8	30	20	181000	25@12	DFT_QPSK	NR-ACLR1+	46.00	29.2	PASS
n8	30	20	181000	25@12	DFT_QPSK	U-ACLR12-	54.91	35.2	PASS
n8	30	20	181000	25@12	DFT_QPSK	U-ACLR11-	42.04	32.2	PASS
n8	30	20	181000	25@12	DFT_QPSK	U-ACLR1+	46.75	32.2	PASS
n8	30	20	181000	25@12	DFT_QPSK	U-ACLR2+	61.71	35.2	PASS
n8	30	20	181000	1@50	DFT_QPSK	NR-ACLR1-	53.20	29.2	PASS
n8	30	20	181000	1@50	DFT_QPSK	NR-ACLR1+	50.96	29.2	PASS
n8	30	20	181000	1@50	DFT_QPSK	U-ACLR12-	60.27	35.2	PASS
n8	30	20	181000	1@50	DFT_QPSK	U-ACLR11-	59.09	32.2	PASS
n8	30	20	181000	1@50	DFT_QPSK	U-ACLR1+	54.41	32.2	PASS
n8	30	20	181000	1@50	DFT_QPSK	U-ACLR2+	59.71	35.2	PASS
n8	30	20	181000	50@0	DFT_QPSK	NR-ACLR1-	38.22	29.2	PASS
n8	30	20	181000	50@0	DFT_QPSK	NR-ACLR1+	44.61	29.2	PASS
n8	30	20	181000	50@0	DFT_QPSK	U-ACLR12-	44.39	35.2	PASS
n8	30	20	181000	50@0	DFT_QPSK	U-ACLR11-	42.16	32.2	PASS
n8	30	20	181000	50@0	DFT_QPSK	U-ACLR1+	45.22	32.2	PASS
n8	30	20	181000	50@0	DFT_QPSK	U-ACLR2+	60.98	35.2	PASS
n8	30	20	181000	25@12	DFT_QAM16	NR-ACLR1-	42.64	29.2	PASS

n8	30	20	181000	25@12	DFT_QAM16	NR-ACLR1+	47.23	29.2	PASS
n8	30	20	181000	25@12	DFT_QAM16	U-ACLR12-	53.84	35.2	PASS
n8	30	20	181000	25@12	DFT_QAM16	U-ACLR11-	43.88	32.2	PASS
n8	30	20	181000	25@12	DFT_QAM16	U-ACLR1+	48.21	32.2	PASS
n8	30	20	181000	25@12	DFT_QAM16	U-ACLR2+	61.12	35.2	PASS
n8	30	20	181000	1@50	DFT_QAM16	NR-ACLR1-	52.06	29.2	PASS
n8	30	20	181000	1@50	DFT_QAM16	NR-ACLR1+	50.34	29.2	PASS
n8	30	20	181000	1@50	DFT_QAM16	U-ACLR12-	59.09	35.2	PASS
n8	30	20	181000	1@50	DFT_QAM16	U-ACLR11-	57.98	32.2	PASS
n8	30	20	181000	1@50	DFT_QAM16	U-ACLR1+	53.78	32.2	PASS
n8	30	20	181000	1@50	DFT_QAM16	U-ACLR2+	59.23	35.2	PASS
n8	30	20	181000	50@0	DFT_QAM16	NR-ACLR1-	39.40	29.2	PASS
n8	30	20	181000	50@0	DFT_QAM16	NR-ACLR1+	45.39	29.2	PASS
n8	30	20	181000	50@0	DFT_QAM16	U-ACLR12-	45.57	35.2	PASS
n8	30	20	181000	50@0	DFT_QAM16	U-ACLR11-	43.18	32.2	PASS
n8	30	20	181000	50@0	DFT_QAM16	U-ACLR1+	46.19	32.2	PASS
n8	30	20	181000	50@0	DFT_QAM16	U-ACLR2+	60.38	35.2	PASS
n8	30	20	181000	1@50	DFT_QAM64	NR-ACLR1-	51.97	29.2	PASS
n8	30	20	181000	1@50	DFT_QAM64	NR-ACLR1+	49.98	29.2	PASS
n8	30	20	181000	1@50	DFT_QAM64	U-ACLR12-	59.05	35.2	PASS
n8	30	20	181000	1@50	DFT_QAM64	U-ACLR11-	57.89	32.2	PASS
n8	30	20	181000	1@50	DFT_QAM64	U-ACLR1+	53.27	32.2	PASS
n8	30	20	181000	1@50	DFT_QAM64	U-ACLR2+	59.05	35.2	PASS
n8	30	20	181000	50@0	DFT_QAM64	NR-ACLR1-	40.36	29.2	PASS
n8	30	20	181000	50@0	DFT_QAM64	NR-ACLR1+	46.29	29.2	PASS
n8	30	20	181000	50@0	DFT_QAM64	U-ACLR12-	46.45	35.2	PASS
n8	30	20	181000	50@0	DFT_QAM64	U-ACLR11-	44.24	32.2	PASS
n8	30	20	181000	50@0	DFT_QAM64	U-ACLR1+	47.26	32.2	PASS
n8	30	20	181000	50@0	DFT_QAM64	U-ACLR2+	59.95	35.2	PASS
n8	30	20	181000	1@50	DFT_QAM256	NR-ACLR1-	51.95	29.2	PASS
n8	30	20	181000	1@50	DFT_QAM256	NR-ACLR1+	49.96	29.2	PASS
n8	30	20	181000	1@50	DFT_QAM256	U-ACLR12-	58.99	35.2	PASS
n8	30	20	181000	1@50	DFT_QAM256	U-ACLR11-	57.92	32.2	PASS
n8	30	20	181000	1@50	DFT_QAM256	U-ACLR1+	53.25	32.2	PASS
n8	30	20	181000	1@50	DFT_QAM256	U-ACLR2+	59.01	35.2	PASS
n8	30	20	181000	50@0	DFT_QAM256	NR-ACLR1-	40.41	29.2	PASS
n8	30	20	181000	50@0	DFT_QAM256	NR-ACLR1+	46.30	29.2	PASS
n8	30	20	181000	50@0	DFT_QAM256	U-ACLR12-	46.50	35.2	PASS
n8	30	20	181000	50@0	DFT_QAM256	U-ACLR11-	44.28	32.2	PASS
n8	30	20	181000	50@0	DFT_QAM256	U-ACLR1+	47.28	32.2	PASS
n8	30	20	181000	50@0	DFT_QAM256	U-ACLR2+	60.00	35.2	PASS
n8	30	20	181000	25@12	CP_QPSK	NR-ACLR1-	45.34	29.2	PASS
n8	30	20	181000	25@12	CP_QPSK	NR-ACLR1+	48.90	29.2	PASS
n8	30	20	181000	25@12	CP_QPSK	U-ACLR12-	54.37	35.2	PASS

n8	30	20	181000	25@12	CP_QPSK	U-ACLR11-	47.33	32.2	PASS
n8	30	20	181000	25@12	CP_QPSK	U-ACLR1+	50.43	32.2	PASS
n8	30	20	181000	25@12	CP_QPSK	U-ACLR2+	60.14	35.2	PASS
n8	30	20	181000	1@50	CP_QPSK	NR-ACLR1-	51.93	29.2	PASS
n8	30	20	181000	1@50	CP_QPSK	NR-ACLR1+	49.97	29.2	PASS
n8	30	20	181000	1@50	CP_QPSK	U-ACLR12-	58.97	35.2	PASS
n8	30	20	181000	1@50	CP_QPSK	U-ACLR11-	57.91	32.2	PASS
n8	30	20	181000	1@50	CP_QPSK	U-ACLR1+	53.28	32.2	PASS
n8	30	20	181000	1@50	CP_QPSK	U-ACLR2+	59.04	35.2	PASS
n8	30	20	181000	51@0	CP_QPSK	NR-ACLR1-	43.44	29.2	PASS
n8	30	20	181000	51@0	CP_QPSK	NR-ACLR1+	46.56	29.2	PASS
n8	30	20	181000	51@0	CP_QPSK	U-ACLR12-	51.54	35.2	PASS
n8	30	20	181000	51@0	CP_QPSK	U-ACLR11-	47.42	32.2	PASS
n8	30	20	181000	51@0	CP_QPSK	U-ACLR1+	53.02	32.2	PASS
n8	30	20	181000	51@0	CP_QPSK	U-ACLR2+	53.60	35.2	PASS
n8	30	20	181000	25@12	CP_QAM16	NR-ACLR1-	45.39	29.2	PASS
n8	30	20	181000	25@12	CP_QAM16	NR-ACLR1+	48.87	29.2	PASS
n8	30	20	181000	25@12	CP_QAM16	U-ACLR12-	54.33	35.2	PASS
n8	30	20	181000	25@12	CP_QAM16	U-ACLR11-	47.42	32.2	PASS
n8	30	20	181000	25@12	CP_QAM16	U-ACLR1+	50.39	32.2	PASS
n8	30	20	181000	25@12	CP_QAM16	U-ACLR2+	60.14	35.2	PASS
n8	30	20	181000	1@50	CP_QAM16	NR-ACLR1-	51.92	29.2	PASS
n8	30	20	181000	1@50	CP_QAM16	NR-ACLR1+	49.98	29.2	PASS
n8	30	20	181000	1@50	CP_QAM16	U-ACLR12-	59.00	35.2	PASS
n8	30	20	181000	1@50	CP_QAM16	U-ACLR11-	57.86	32.2	PASS
n8	30	20	181000	1@50	CP_QAM16	U-ACLR1+	53.28	32.2	PASS
n8	30	20	181000	1@50	CP_QAM16	U-ACLR2+	59.05	35.2	PASS
n8	30	20	181000	51@0	CP_QAM16	NR-ACLR1-	43.38	29.2	PASS
n8	30	20	181000	51@0	CP_QAM16	NR-ACLR1+	46.62	29.2	PASS
n8	30	20	181000	51@0	CP_QAM16	U-ACLR12-	51.48	35.2	PASS
n8	30	20	181000	51@0	CP_QAM16	U-ACLR11-	47.27	32.2	PASS
n8	30	20	181000	51@0	CP_QAM16	U-ACLR1+	53.06	32.2	PASS
n8	30	20	181000	51@0	CP_QAM16	U-ACLR2+	53.71	35.2	PASS
n8	30	20	181000	1@50	CP_QAM64	NR-ACLR1-	51.91	29.2	PASS
n8	30	20	181000	1@50	CP_QAM64	NR-ACLR1+	49.97	29.2	PASS
n8	30	20	181000	1@50	CP_QAM64	U-ACLR12-	59.02	35.2	PASS
n8	30	20	181000	1@50	CP_QAM64	U-ACLR11-	57.90	32.2	PASS
n8	30	20	181000	1@50	CP_QAM64	U-ACLR1+	53.27	32.2	PASS
n8	30	20	181000	1@50	CP_QAM64	U-ACLR2+	59.06	35.2	PASS
n8	30	20	181000	51@0	CP_QAM64	NR-ACLR1-	43.28	29.2	PASS
n8	30	20	181000	51@0	CP_QAM64	NR-ACLR1+	46.59	29.2	PASS
n8	30	20	181000	51@0	CP_QAM64	U-ACLR12-	51.34	35.2	PASS
n8	30	20	181000	51@0	CP_QAM64	U-ACLR11-	47.16	32.2	PASS
n8	30	20	181000	51@0	CP_QAM64	U-ACLR1+	53.14	32.2	PASS

n8	30	20	181000	51@0	CP_QAM64	U-ACLR2+	53.63	35.2	PASS
n8	30	20	181000	1@50	CP_QAM256	NR-ACLR1-	51.93	29.2	PASS
n8	30	20	181000	1@50	CP_QAM256	NR-ACLR1+	49.65	29.2	PASS
n8	30	20	181000	1@50	CP_QAM256	U-ACLR12-	58.96	35.2	PASS
n8	30	20	181000	1@50	CP_QAM256	U-ACLR11-	57.83	32.2	PASS
n8	30	20	181000	1@50	CP_QAM256	U-ACLR1+	52.76	32.2	PASS
n8	30	20	181000	1@50	CP_QAM256	U-ACLR2+	59.05	35.2	PASS
n8	30	20	181000	51@0	CP_QAM256	NR-ACLR1-	43.58	29.2	PASS
n8	30	20	181000	51@0	CP_QAM256	NR-ACLR1+	46.61	29.2	PASS
n8	30	20	181000	51@0	CP_QAM256	U-ACLR12-	51.58	35.2	PASS
n8	30	20	181000	51@0	CP_QAM256	U-ACLR11-	47.63	32.2	PASS
n8	30	20	181000	51@0	CP_QAM256	U-ACLR1+	53.11	32.2	PASS
n8	30	20	181000	51@0	CP_QAM256	U-ACLR2+	53.65	35.2	PASS

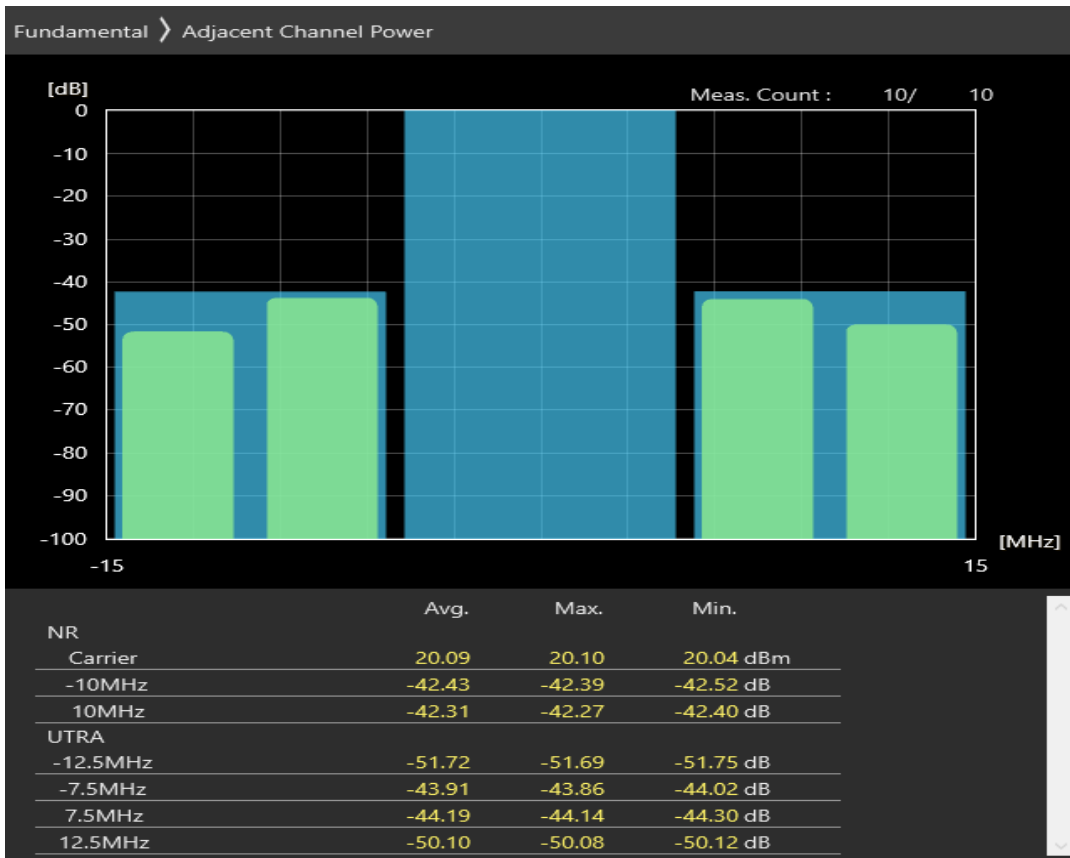
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n1 SCS=30kHz CP_QAM16 BW=10MHz Channel=385000 RB=1@0



n1 SCS=30kHz CP_QAM16 BW=10MHz Channel=385000 RB=24@0



n1 SCS=30kHz CP_QAM16 BW=10MHz Channel=395000 RB=12@6



n1 SCS=30kHz CP_QAM16 BW=10MHz Channel=395000 RB=1@23



n1 SCS=30kHz CP_QAM16 BW=10MHz Channel=395000 RB=24@0



n1 SCS=30kHz CP_QAM16 BW=20MHz Channel=386000 RB=1@0



n1 SCS=30kHz CP_QAM16 BW=20MHz Channel=386000 RB=25@12



n1 SCS=30kHz CP_QAM16 BW=20MHz Channel=386000 RB=51 @0



n1 SCS=30kHz CP_QAM16 BW=20MHz Channel=394000 RB=1 @50



n1 SCS=30kHz CP_QAM16 BW=20MHz Channel=394000 RB=25@12



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n1 SCS=30kHz CP_QAM256 BW=10MHz Channel=385000 RB=1@0



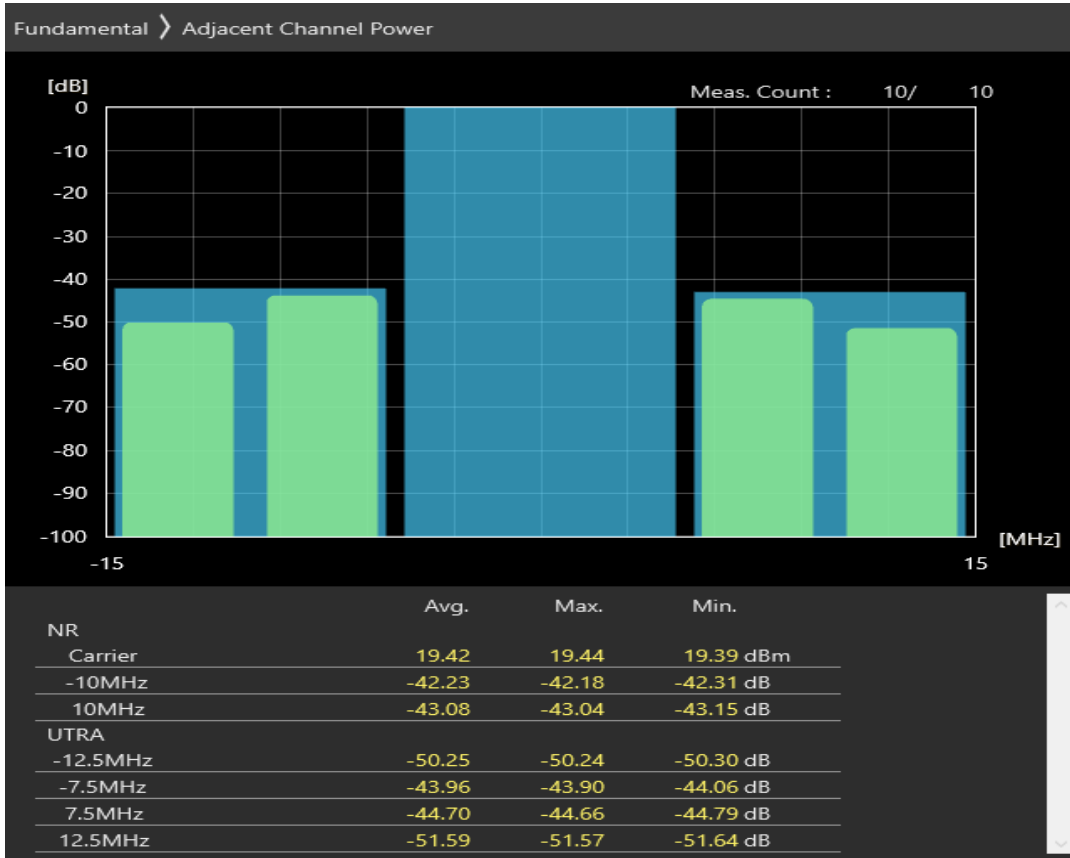
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n1 SCS=30kHz CP_QAM256 BW=10MHz Channel=395000 RB=24@0



n1 SCS=30kHz CP_QAM256 BW=20MHz Channel=386000 RB=1@0



n1 SCS=30kHz CP_QAM256 BW=20MHz Channel=386000 RB=51@0



n1 SCS=30kHz CP_QAM256 BW=20MHz Channel=394000 RB=1@50



n1 SCS=30kHz CP_QAM256 BW=20MHz Channel=394000 RB=51@0



n1 SCS=30kHz CP_QAM64 BW=10MHz Channel=385000 RB=1@0



n1 SCS=30kHz CP_QAM64 BW=10MHz Channel=385000 RB=24@0



n1 SCS=30kHz CP_QAM64 BW=10MHz Channel=395000 RB=1@23



n1 SCS=30kHz CP_QAM64 BW=10MHz Channel=395000 RB=24@0



n1 SCS=30kHz CP_QAM64 BW=20MHz Channel=386000 RB=1 @0



n1 SCS=30kHz CP_QAM64 BW=20MHz Channel=386000 RB=51 @0



n1 SCS=30kHz CP_QAM64 BW=20MHz Channel=394000 RB=1@50



n1 SCS=30kHz CP_QAM64 BW=20MHz Channel=394000 RB=51@0



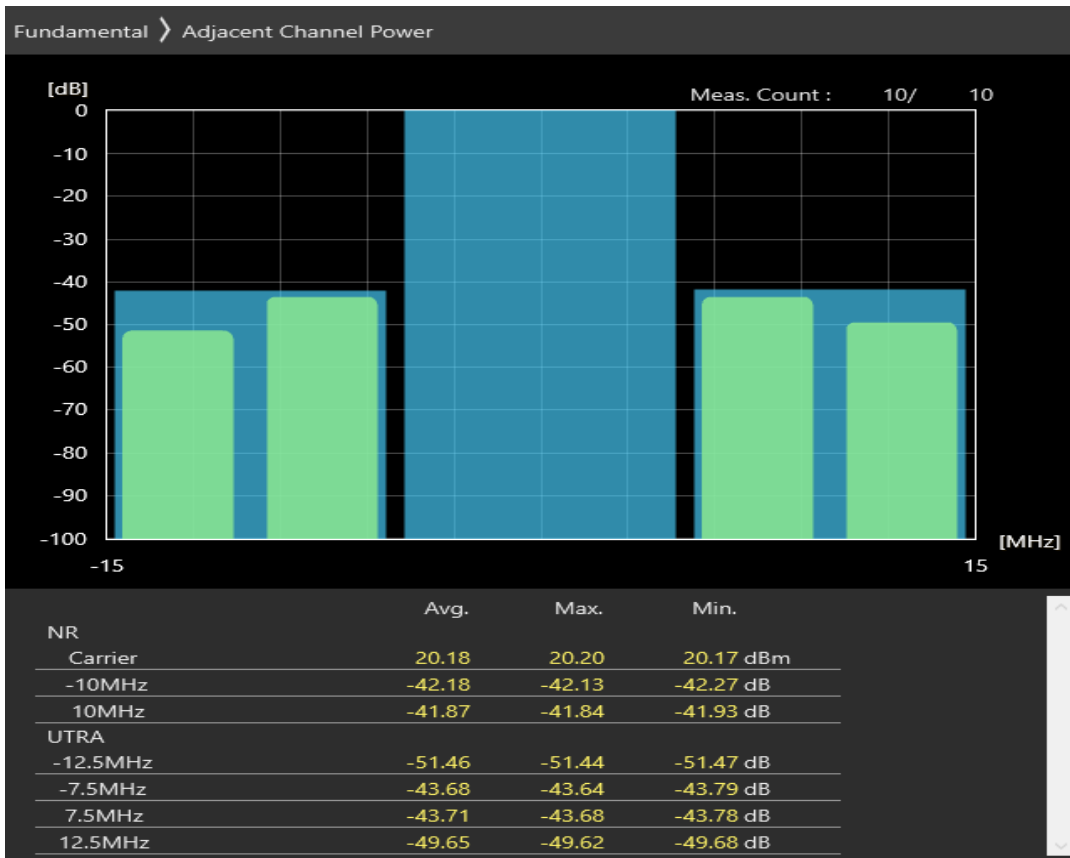
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n1 SCS=30kHz CP_QPSK BW=10MHz Channel=385000 RB=1@0



n1 SCS=30kHz CP_QPSK BW=10MHz Channel=385000 RB=24@0



n1 SCS=30kHz CP_QPSK BW=10MHz Channel=395000 RB=12@6



n1 SCS=30kHz CP_QPSK BW=10MHz Channel=395000 RB=1@23



n1 SCS=30kHz CP_QPSK BW=10MHz Channel=395000 RB=24@0



n1 SCS=30kHz CP_QPSK BW=20MHz Channel=386000 RB=1@0



n1 SCS=30kHz CP_QPSK BW=20MHz Channel=386000 RB=25@12



n1 SCS=30kHz CP_QPSK BW=20MHz Channel=386000 RB=51@0



n1 SCS=30kHz CP_QPSK BW=20MHz Channel=394000 RB=1@50



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n1 SCS=30kHz CP_QPSK BW=20MHz Channel=394000 RB=51@0



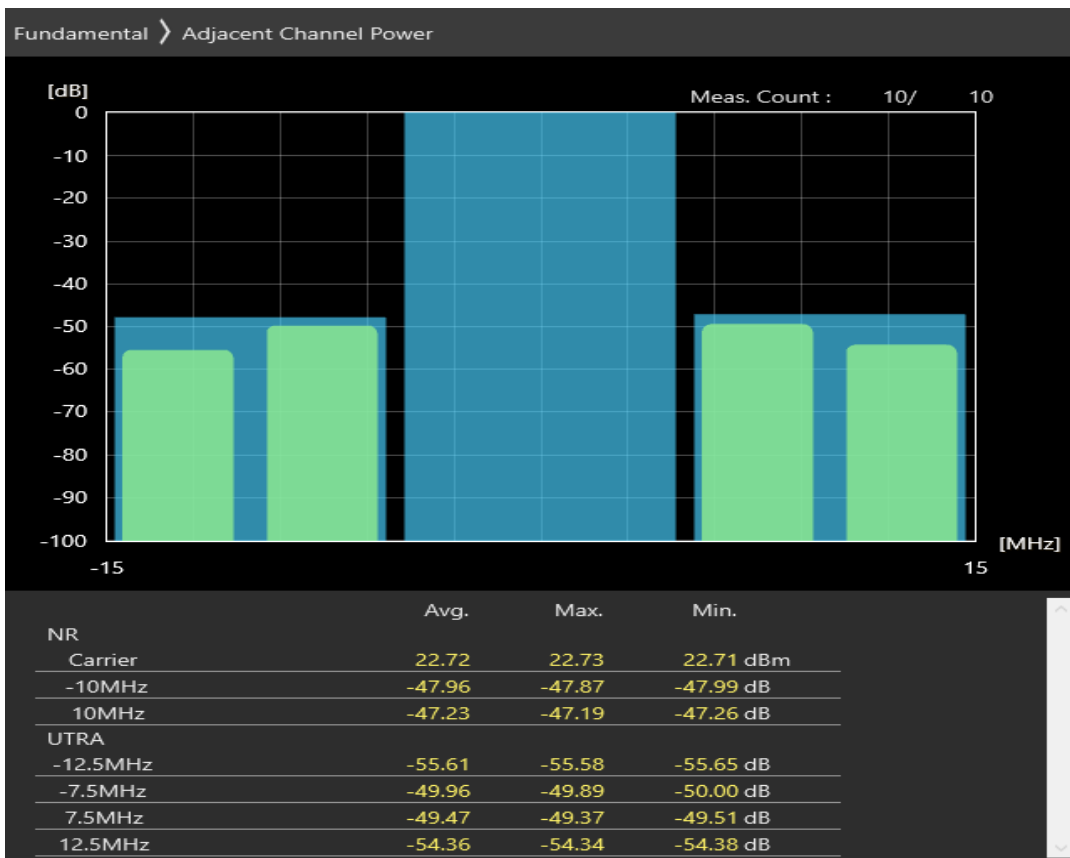
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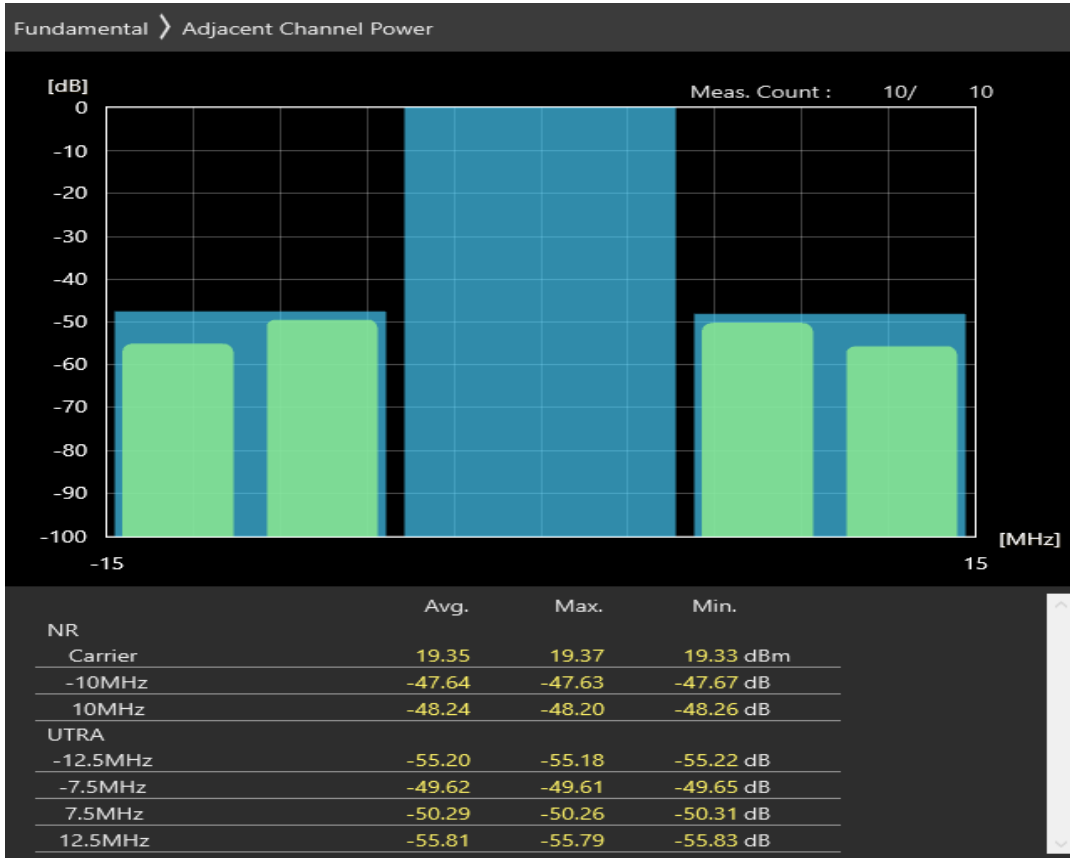
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n1 SCS=30kHz DFT_BPSK BW=10MHz Channel=385000 RB=24@0



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n1 SCS=30kHz DFT_BPSK BW=10MHz Channel=395000 RB=1@23



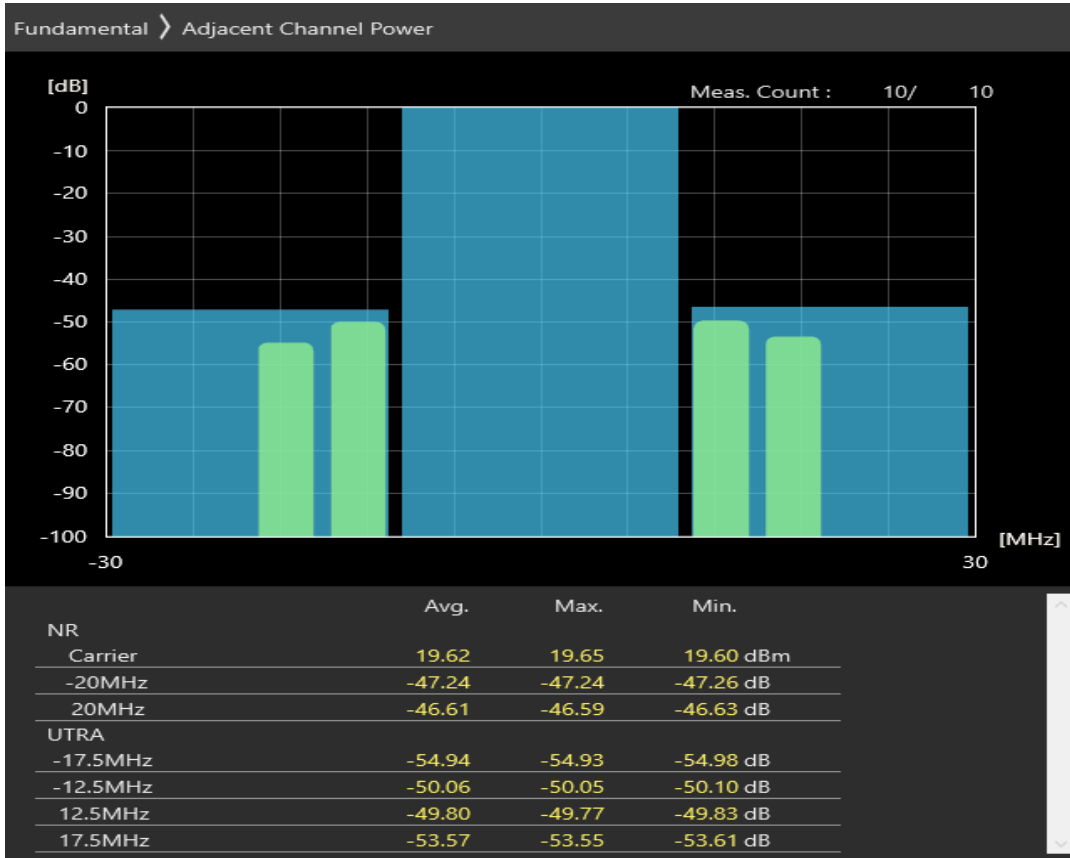
n1 SCS=30kHz DFT_BPSK BW=10MHz Channel=395000 RB=24@0



n1 SCS=30kHz DFT_BPSK BW=20MHz Channel=386000 RB=1@0



n1 SCS=30kHz DFT_BPSK BW=20MHz Channel=386000 RB=25@12



n1 SCS=30kHz DFT_BPSK BW=20MHz Channel=386000 RB=50@0



n1 SCS=30kHz DFT_BPSK BW=20MHz Channel=394000 RB=1@50



n1 SCS=30kHz DFT_BPSK BW=20MHz Channel=394000 RB=25@12



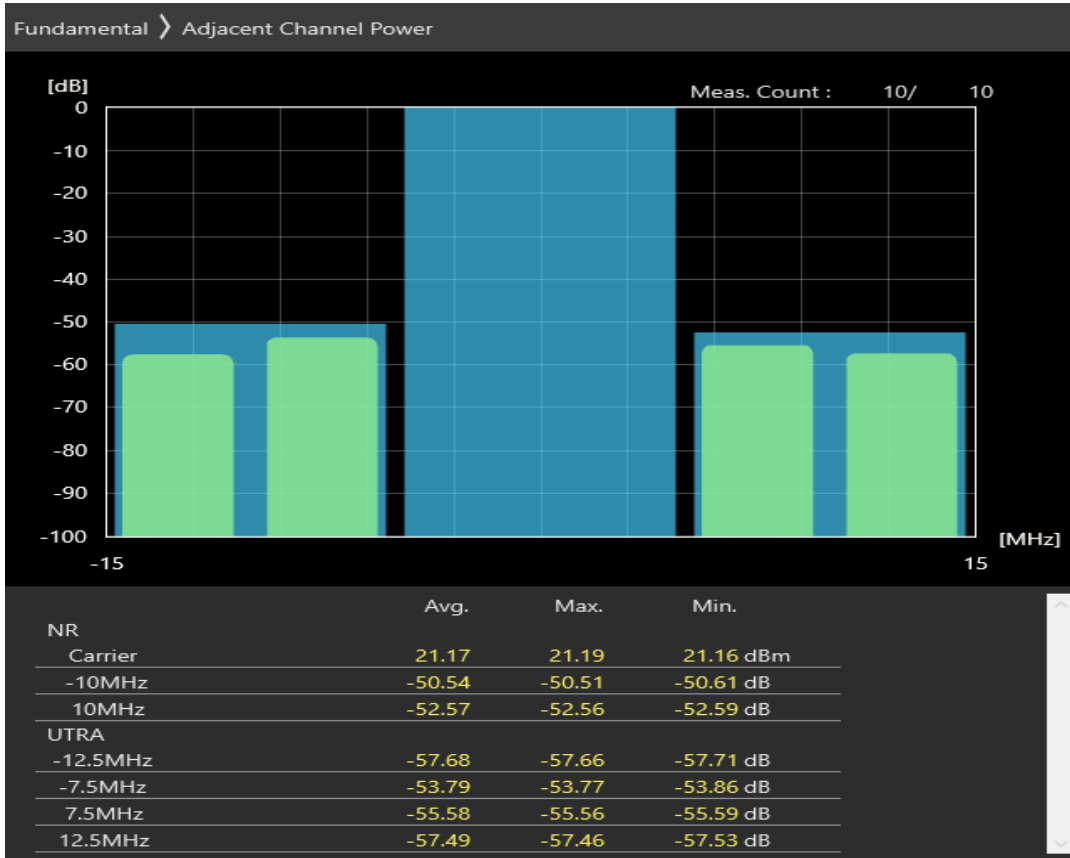
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n1 SCS=30kHz DFT_QAM16 BW=10MHz Channel=385000 RB=12@6



n1 SCS=30kHz DFT_QAM16 BW=10MHz Channel=385000 RB=1@0



n1 SCS=30kHz DFT_QAM16 BW=10MHz Channel=385000 RB=24@0



n1 SCS=30kHz DFT_QAM16 BW=10MHz Channel=395000 RB=12@6



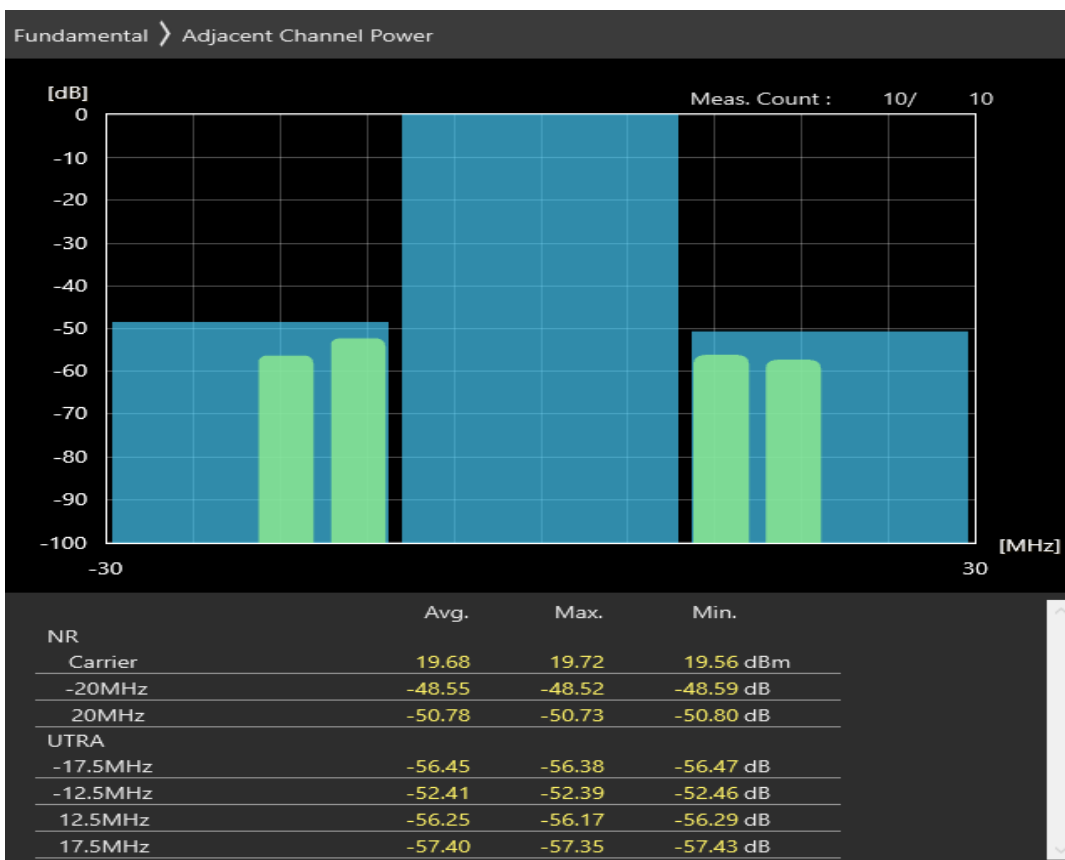
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n1 SCS=30kHz DFT_QAM16 BW=10MHz Channel=395000 RB=24@0



n1 SCS=30kHz DFT_QAM16 BW=20MHz Channel=386000 RB=1@0



n1 SCS=30kHz DFT_QAM16 BW=20MHz Channel=386000 RB=25@12



n1 SCS=30kHz DFT_QAM16 BW=20MHz Channel=386000 RB=50@0



n1 SCS=30kHz DFT_QAM16 BW=20MHz Channel=394000 RB=1@50



n1 SCS=30kHz DFT_QAM16 BW=20MHz Channel=394000 RB=25@12



n1 SCS=30kHz DFT_QAM16 BW=20MHz Channel=394000 RB=50@0



n1 SCS=30kHz DFT_QAM256 BW=10MHz Channel=385000 RB=1@0



n1 SCS=30kHz DFT_QAM256 BW=10MHz Channel=385000 RB=24@0



n1 SCS=30kHz DFT_QAM256 BW=10MHz Channel=395000 RB=1@23



n1 SCS=30kHz DFT_QAM256 BW=10MHz Channel=395000 RB=24@0



n1 SCS=30kHz DFT_QAM256 BW=20MHz Channel=386000 RB=1@0



n1 SCS=30kHz DFT_QAM256 BW=20MHz Channel=386000 RB=50@0



n1 SCS=30kHz DFT_QAM256 BW=20MHz Channel=394000 RB=1@50



n1 SCS=30kHz DFT_QAM256 BW=20MHz Channel=394000 RB=50@0



n1 SCS=30kHz DFT_QAM64 BW=10MHz Channel=385000 RB=1@0



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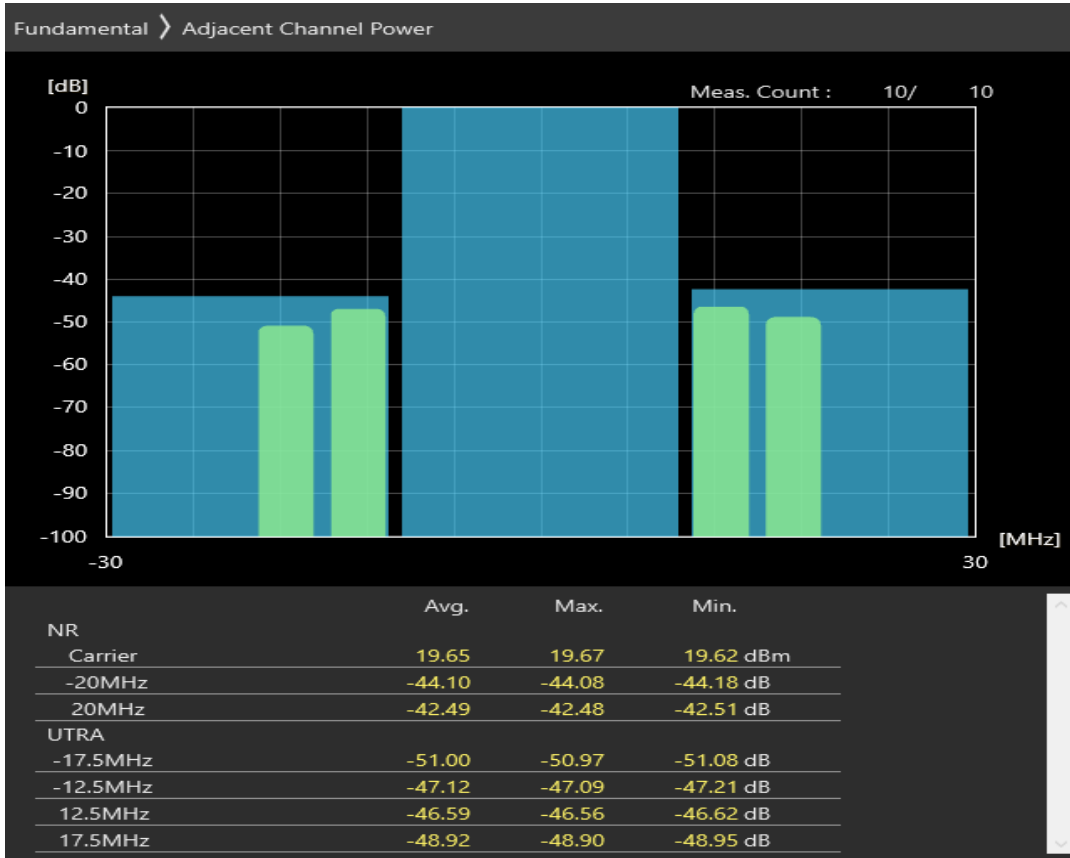
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n1 SCS=30kHz DFT_QAM64 BW=20MHz Channel=386000 RB=1@0



n1 SCS=30kHz DFT_QAM64 BW=20MHz Channel=386000 RB=50@0



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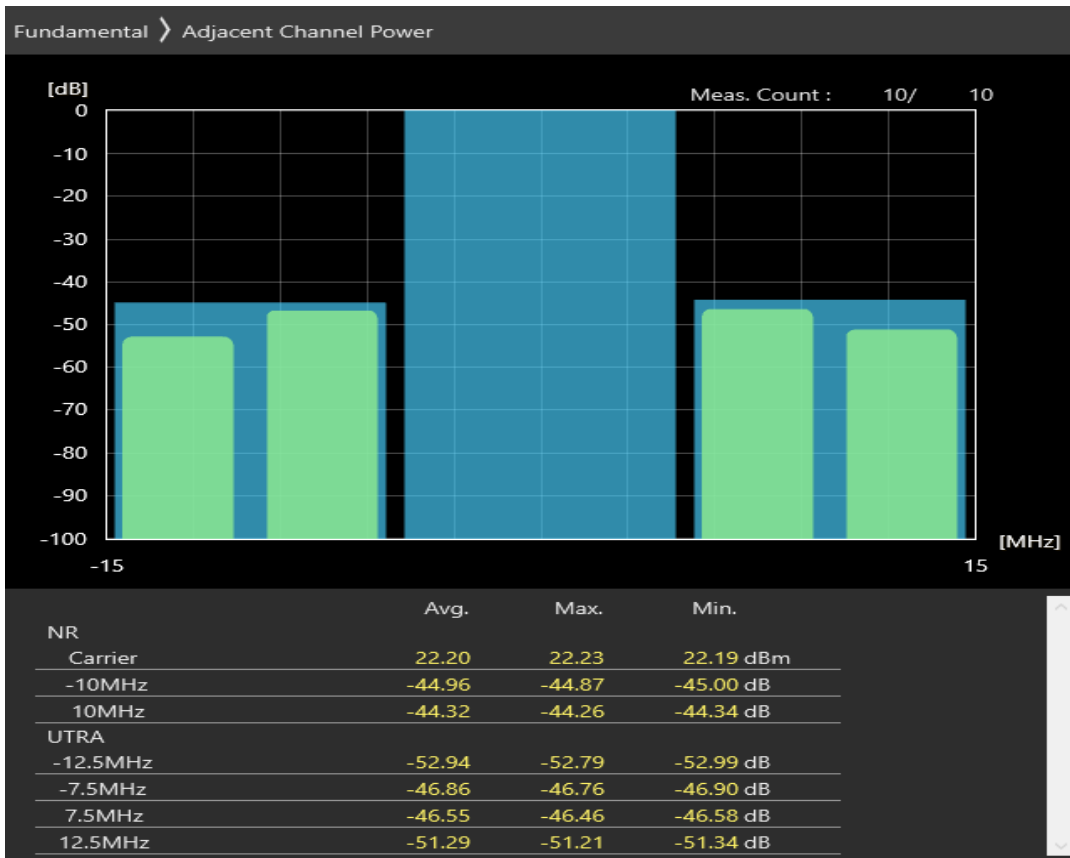
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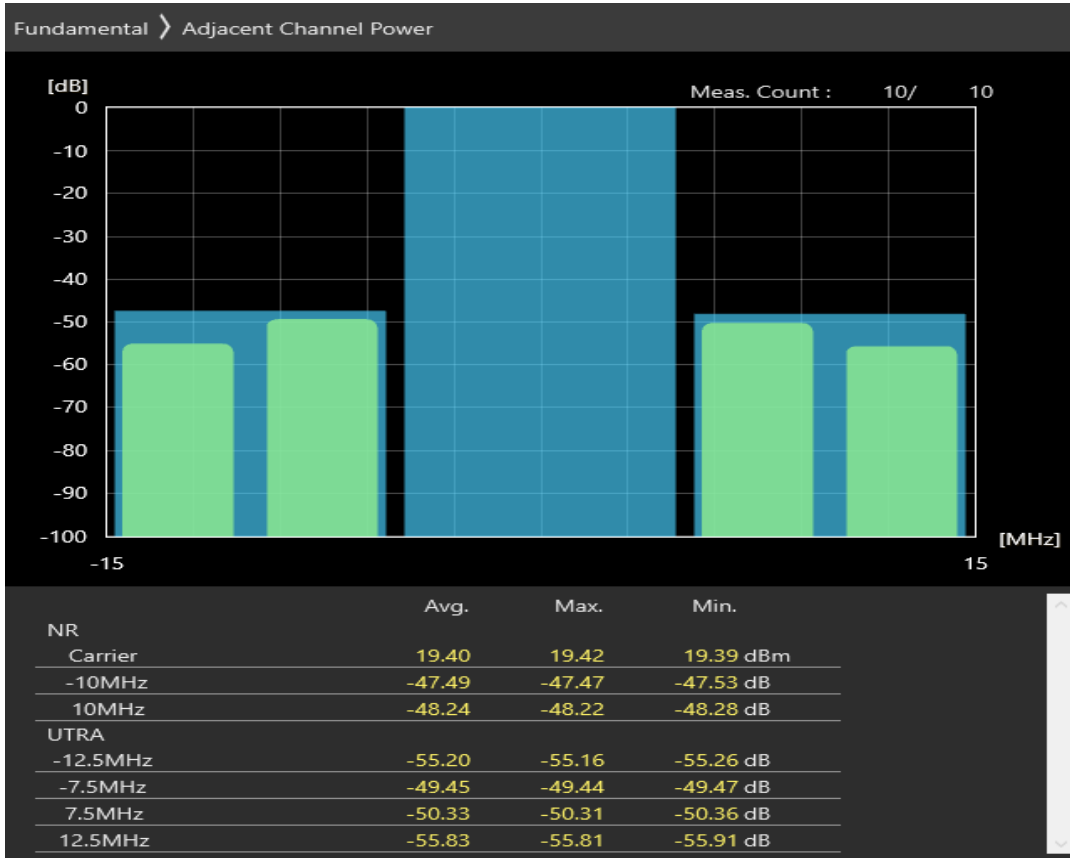
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n1 SCS=30kHz DFT_QPSK BW=10MHz Channel=385000 RB=24@0



n1 SCS=30kHz DFT_QPSK BW=10MHz Channel=395000 RB=12@6



n1 SCS=30kHz DFT_QPSK BW=10MHz Channel=395000 RB=1@23



n1 SCS=30kHz DFT_QPSK BW=10MHz Channel=395000 RB=24@0



n1 SCS=30kHz DFT_QPSK BW=20MHz Channel=386000 RB=1@0



n1 SCS=30kHz DFT_QPSK BW=20MHz Channel=386000 RB=25@12



n1 SCS=30kHz DFT_QPSK BW=20MHz Channel=386000 RB=50@0



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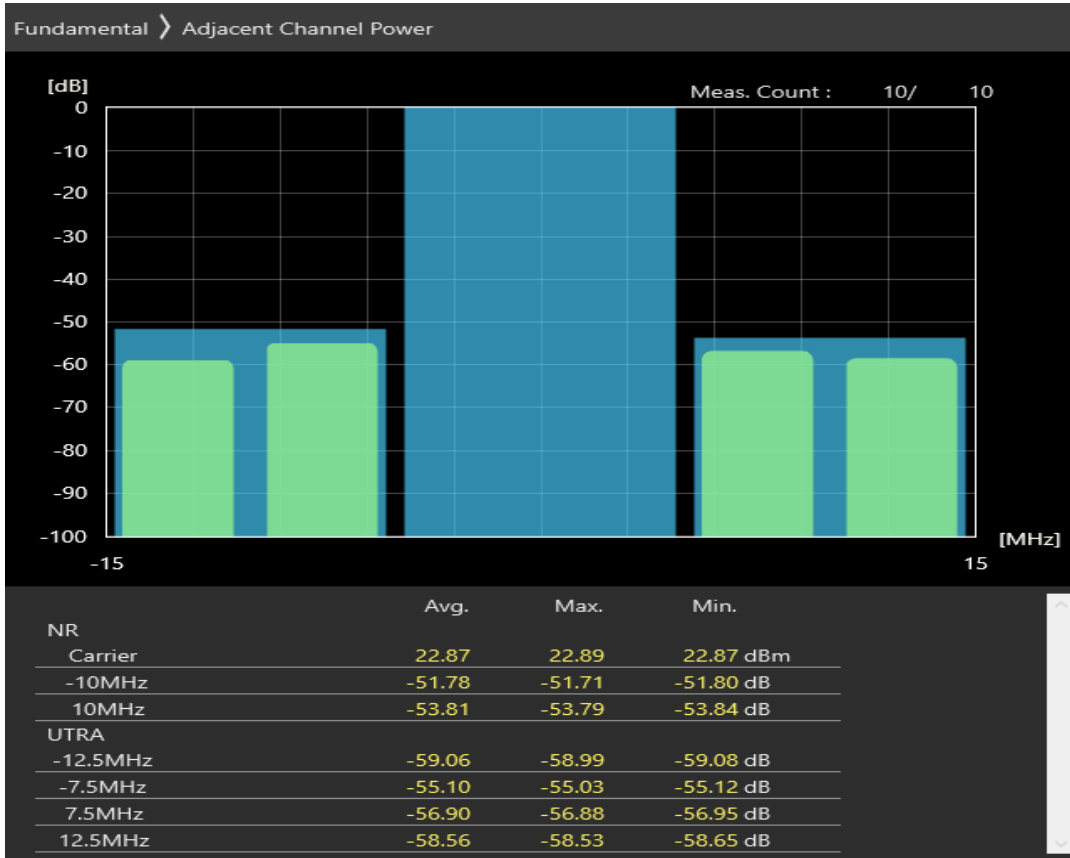
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n20 SCS=30kHz DFT_BPSK BW=10MHz Channel=167400 RB=12@6



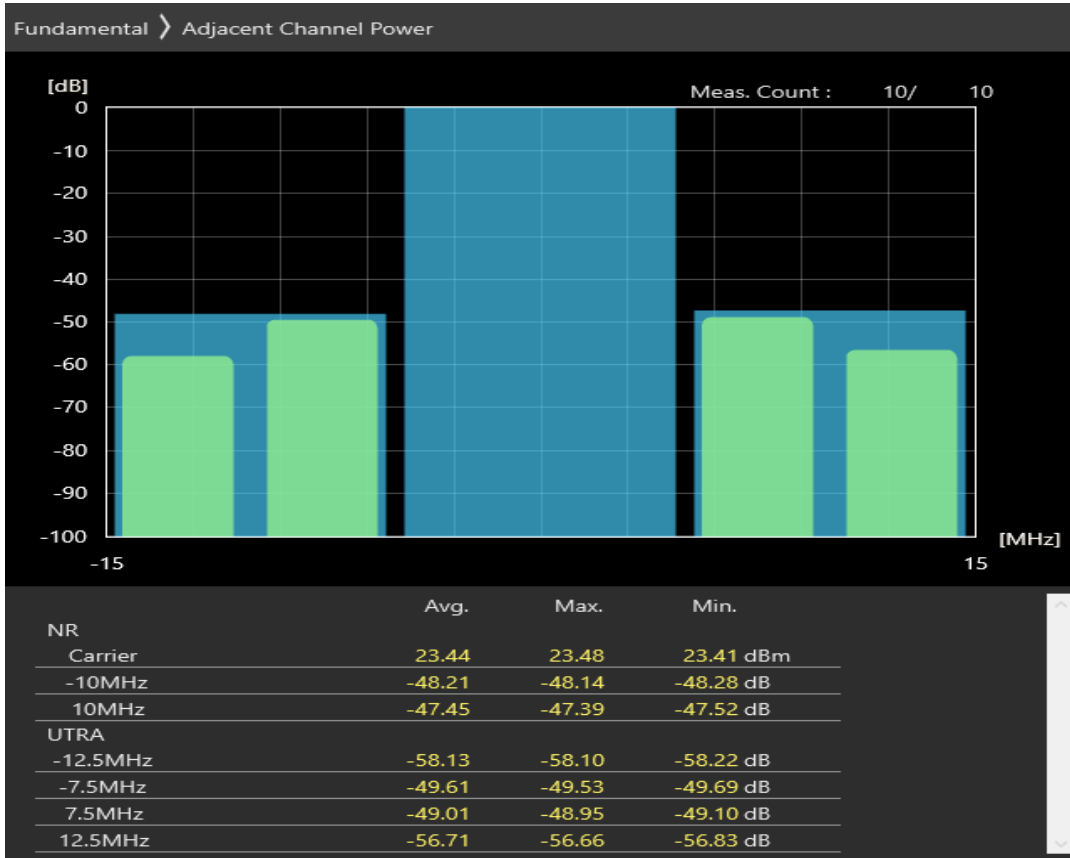
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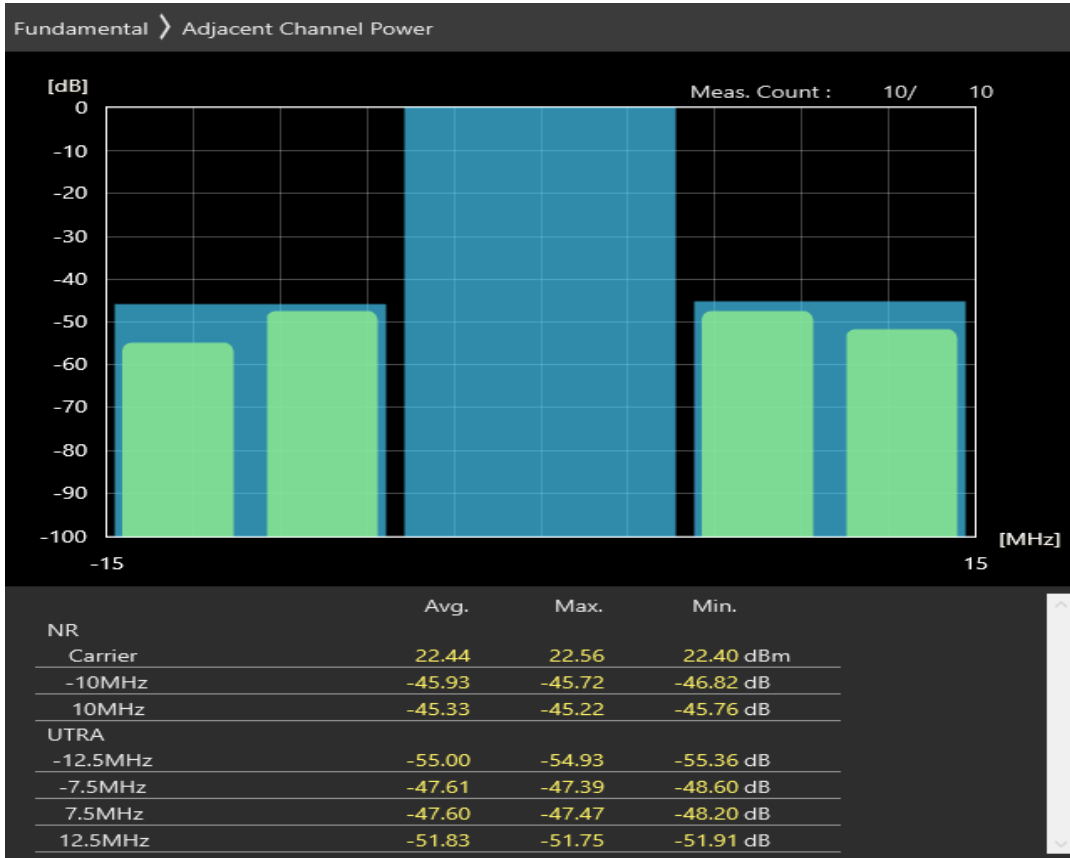
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n20 SCS=30kHz DFT_QPSK BW=10MHz Channel=167400 RB=24@0



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n20 SCS=30kHz DFT_QAM16 BW=10MHz Channel=167400 RB=1@0



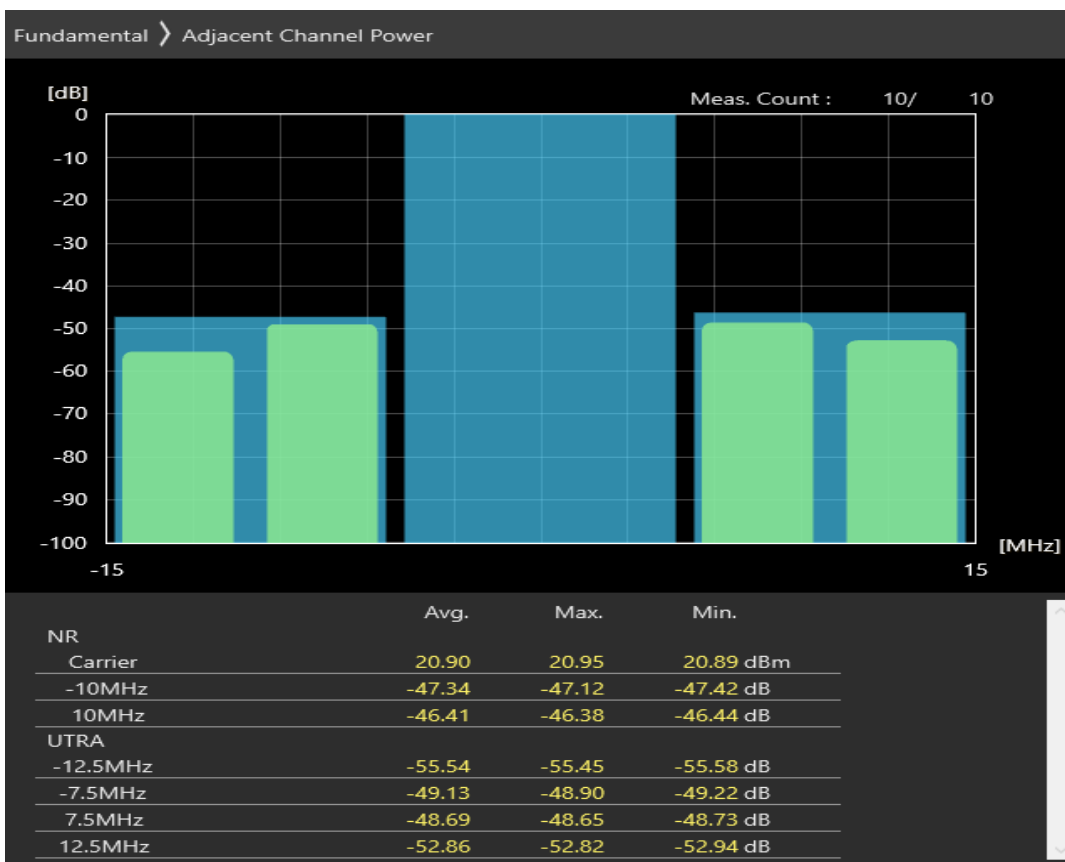
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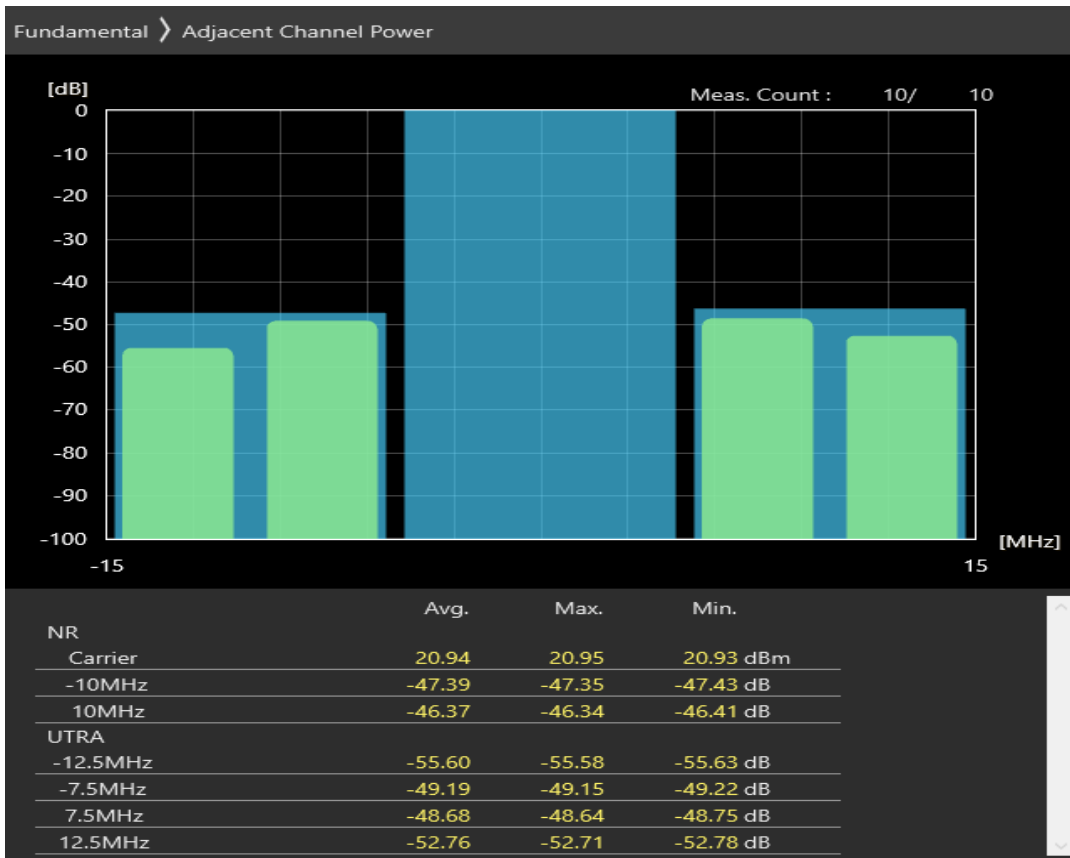
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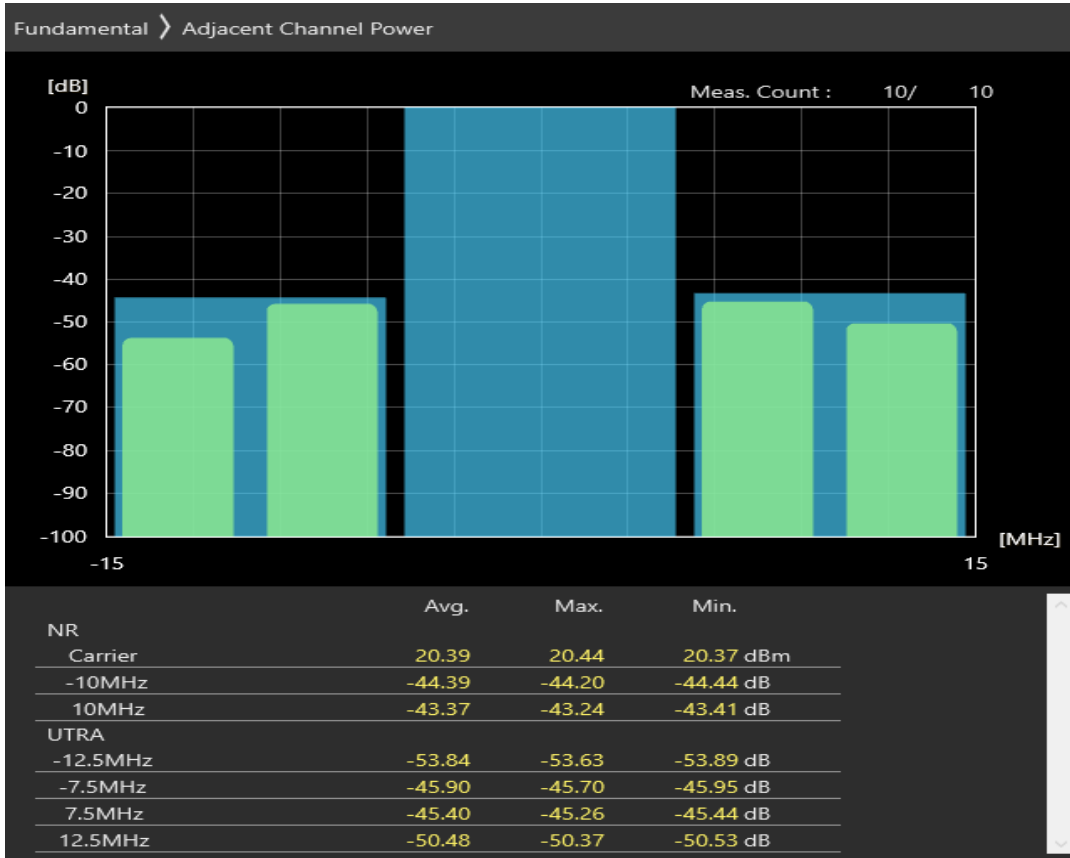
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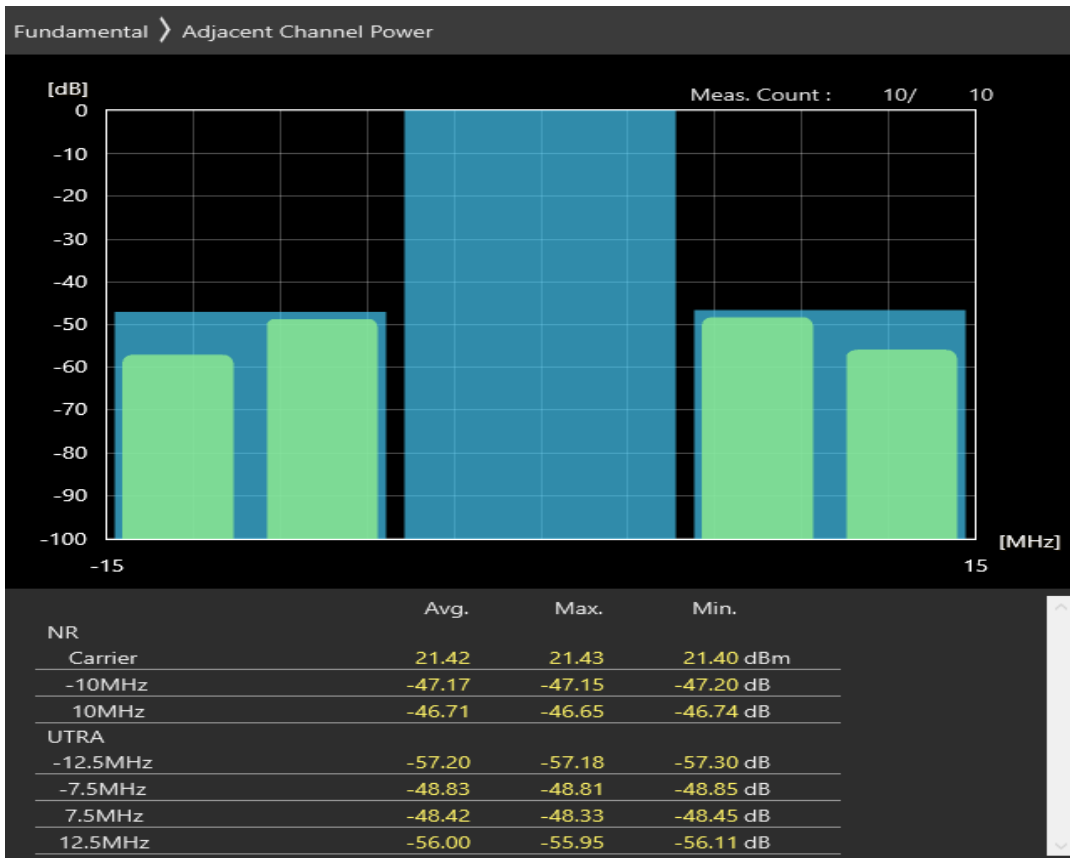
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n20 SCS=30kHz CP_QPSK BW=10MHz Channel=167400 RB=24@0



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n20 SCS=30kHz CP_QAM16 BW=10MHz Channel=167400 RB=1@0



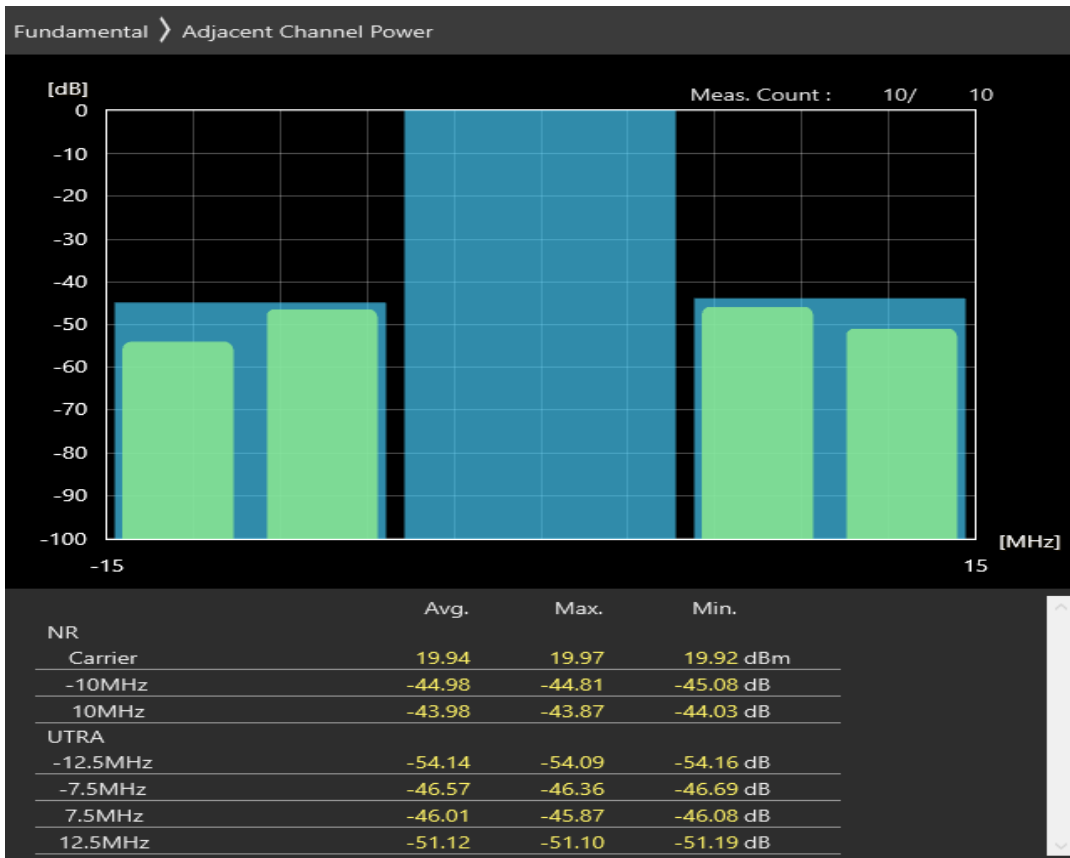
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n20 SCS=30kHz CP_QAM64 BW=10MHz Channel=167400 RB=24@0



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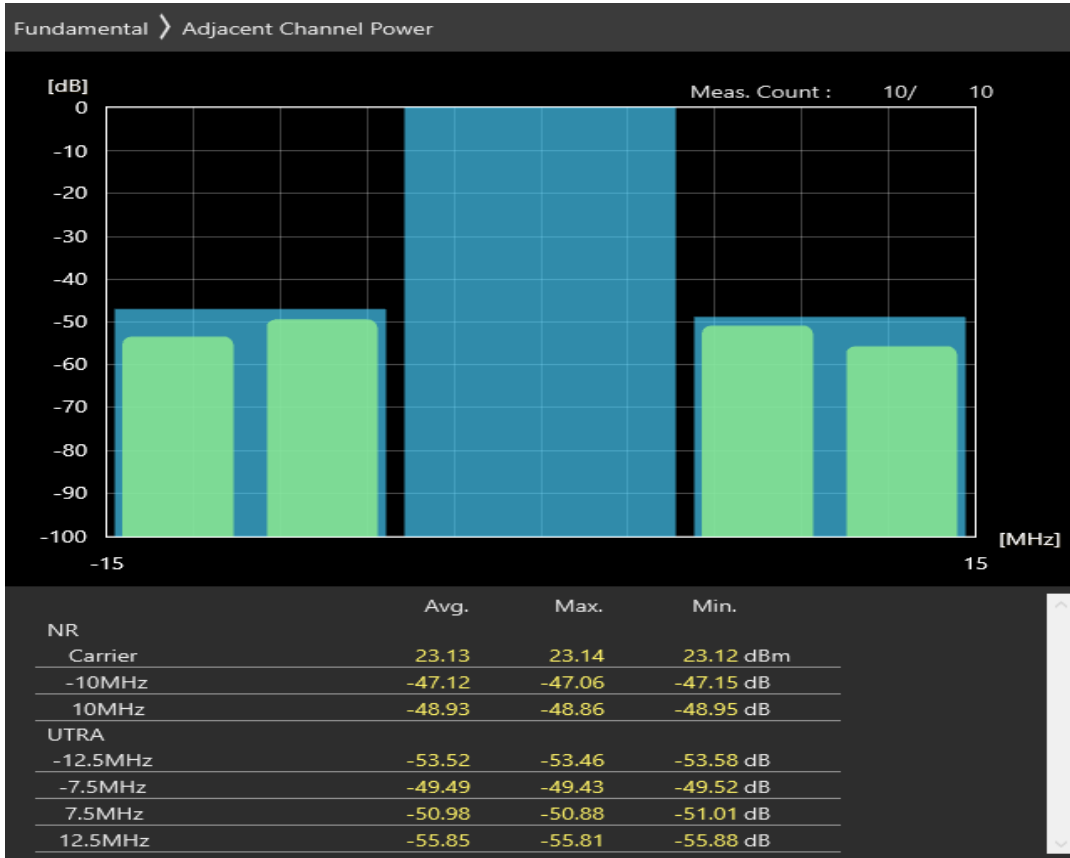
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n20 SCS=30kHz DFT_BPSK BW=10MHz Channel=171400 RB=1@23



n20 SCS=30kHz DFT_BPSK BW=10MHz Channel=171400 RB=24@0



n20 SCS=30kHz DFT_QPSK BW=10MHz Channel=171400 RB=12@6



n20 SCS=30kHz DFT_QPSK BW=10MHz Channel=171400 RB=1@23



n20 SCS=30kHz DFT_QPSK BW=10MHz Channel=171400 RB=24@0



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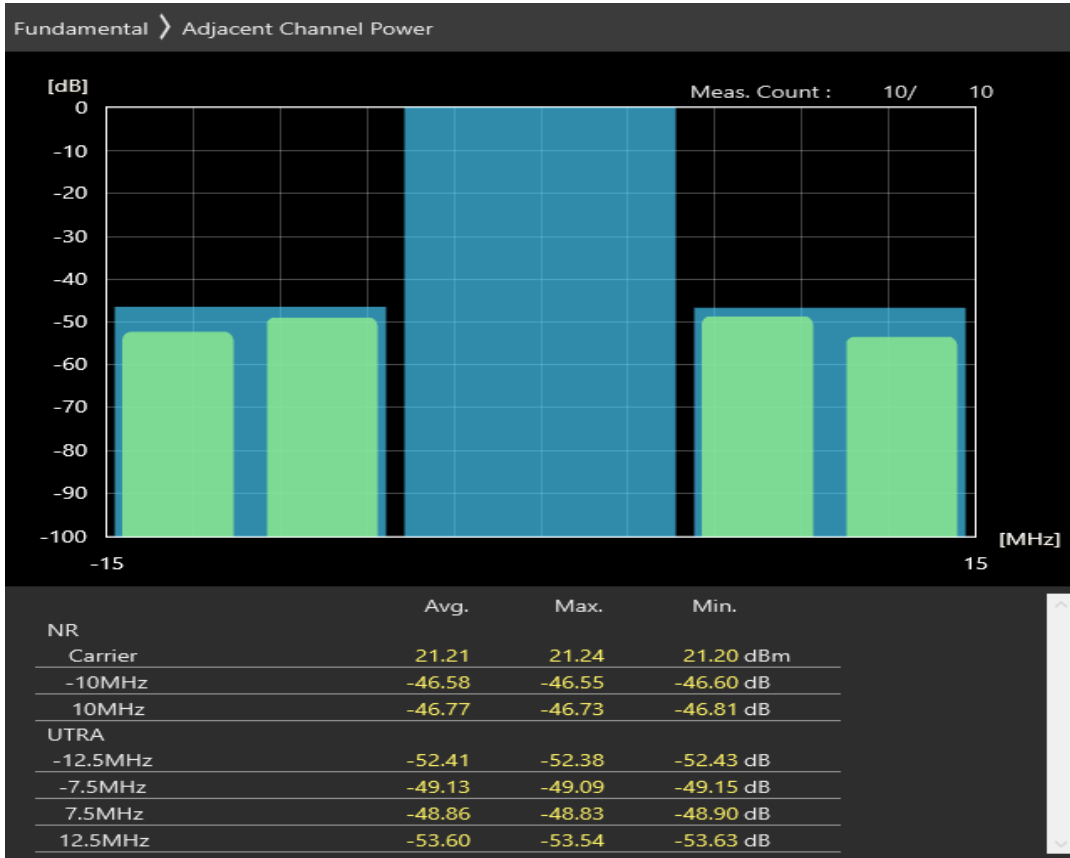
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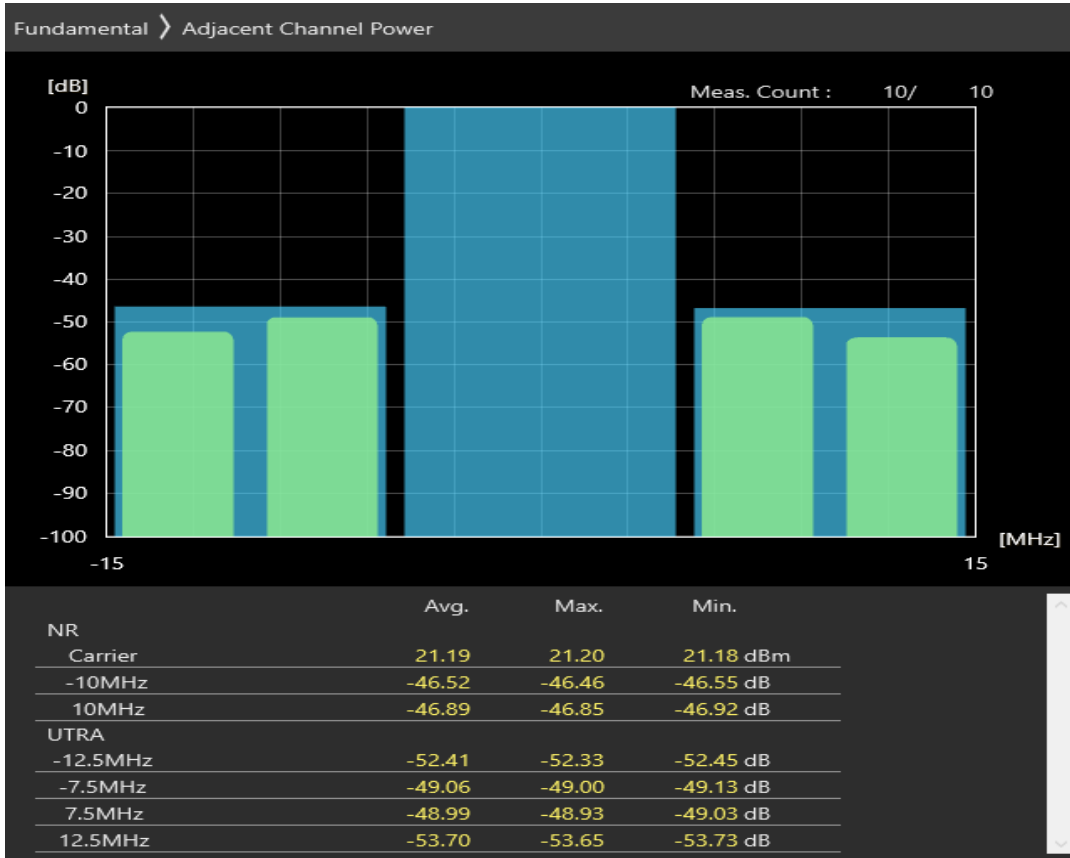
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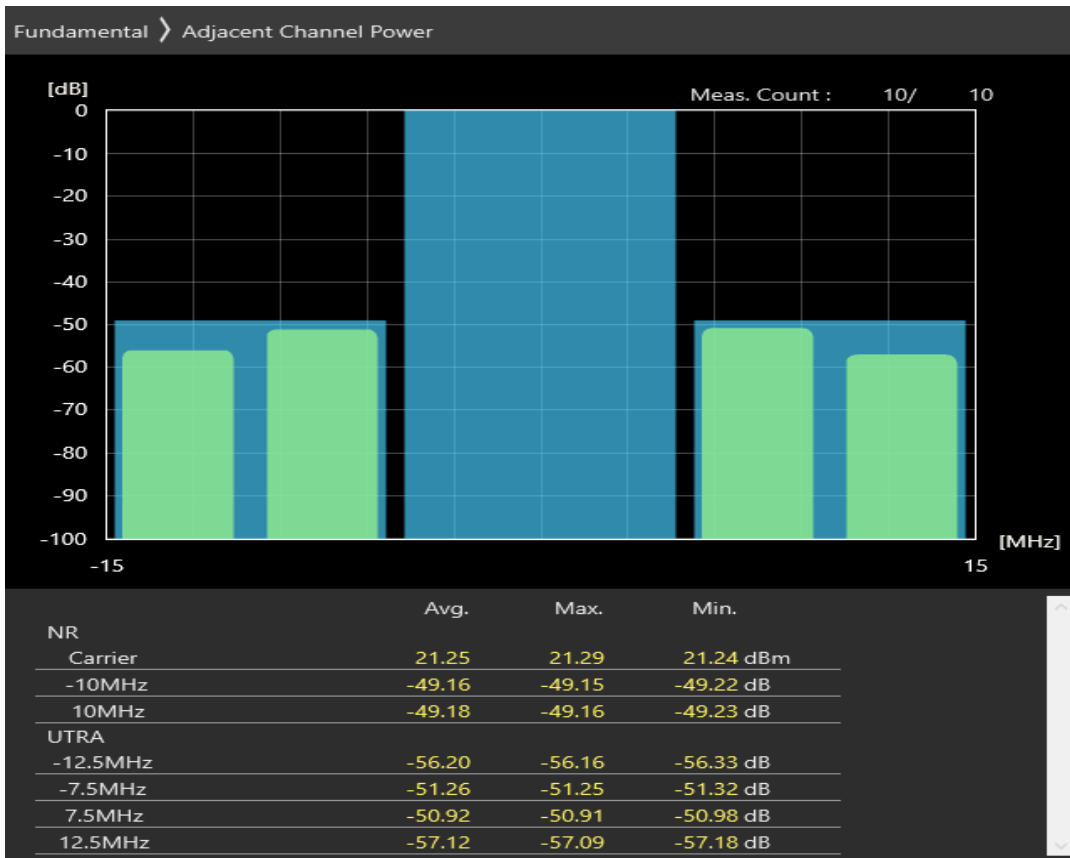
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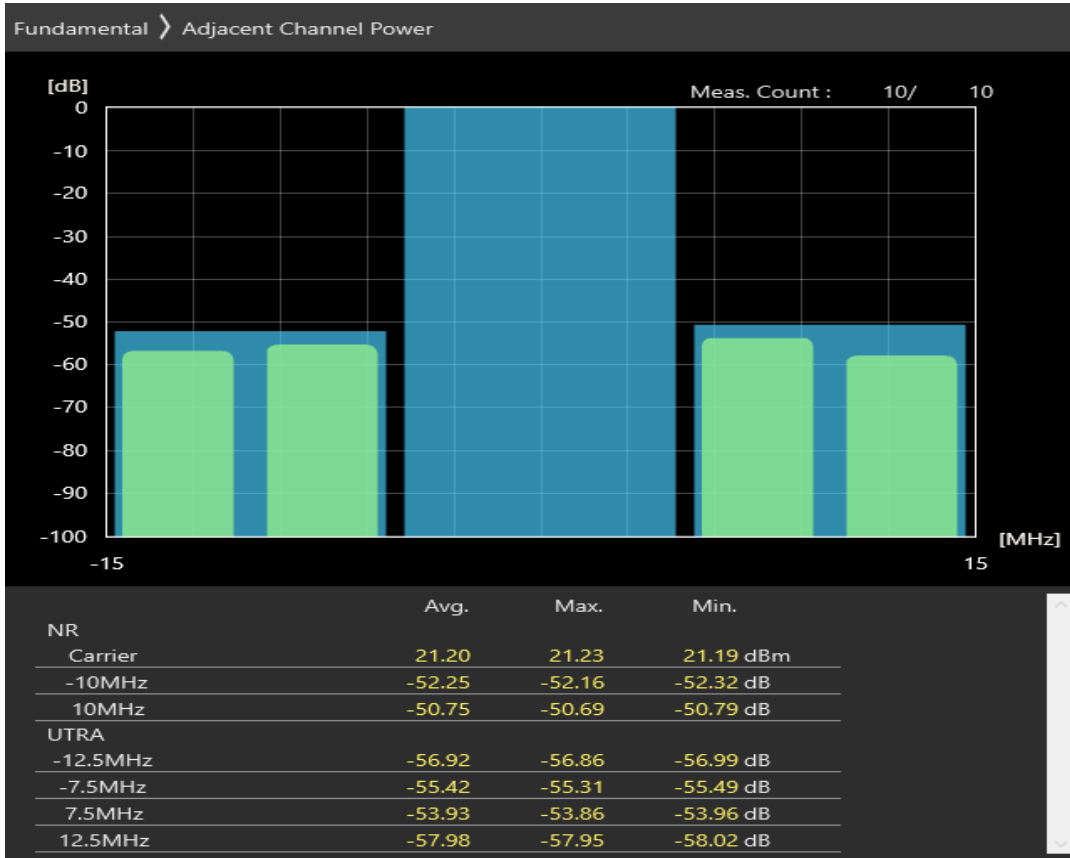
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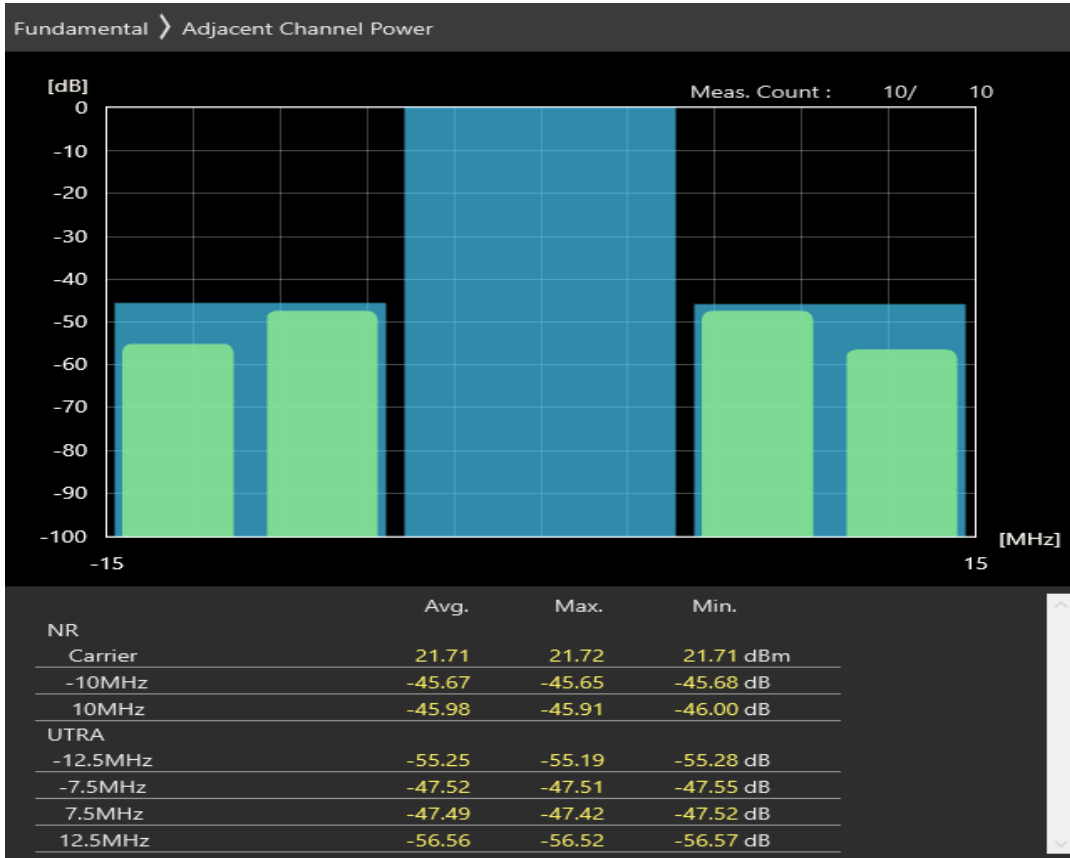
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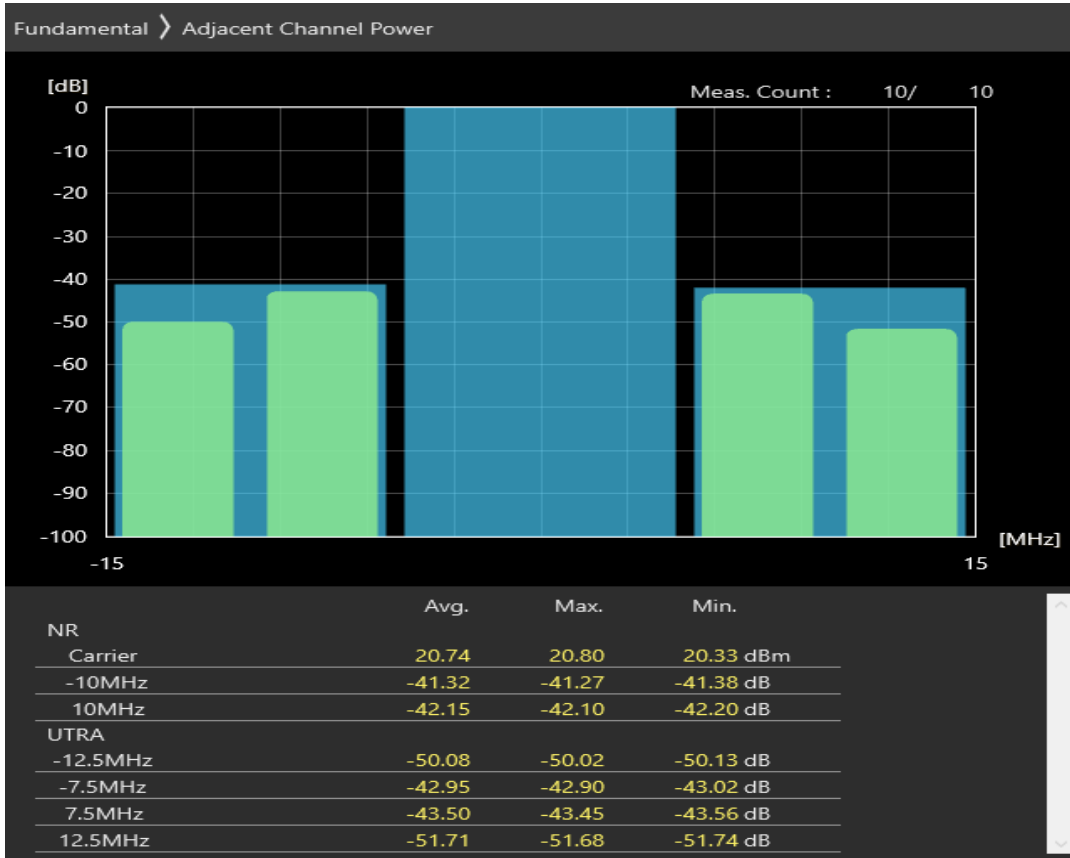
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n20 SCS=30kHz CP_QAM64 BW=10MHz Channel=171400 RB=1@23



n20 SCS=30kHz CP_QAM64 BW=10MHz Channel=171400 RB=24@0



n20 SCS=30kHz CP_QAM256 BW=10MHz Channel=171400 RB=1@23



n20 SCS=30kHz CP_QAM256 BW=10MHz Channel=171400 RB=24@0



n20 SCS=30kHz DFT_BPSK BW=20MHz Channel=168400 RB=25@12



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n20 SCS=30kHz DFT_BPSK BW=20MHz Channel=168400 RB=50@0



n20 SCS=30kHz DFT_QPSK BW=20MHz Channel=168400 RB=25@12



n20 SCS=30kHz DFT_QPSK BW=20MHz Channel=168400 RB=1@0



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n20 SCS=30kHz CP_QPSK BW=20MHz Channel=168400 RB=1@0



n20 SCS=30kHz CP_QPSK BW=20MHz Channel=168400 RB=51@0



n20 SCS=30kHz CP_QAM16 BW=20MHz Channel=168400 RB=25@12



n20 SCS=30kHz CP_QAM16 BW=20MHz Channel=168400 RB=1@0



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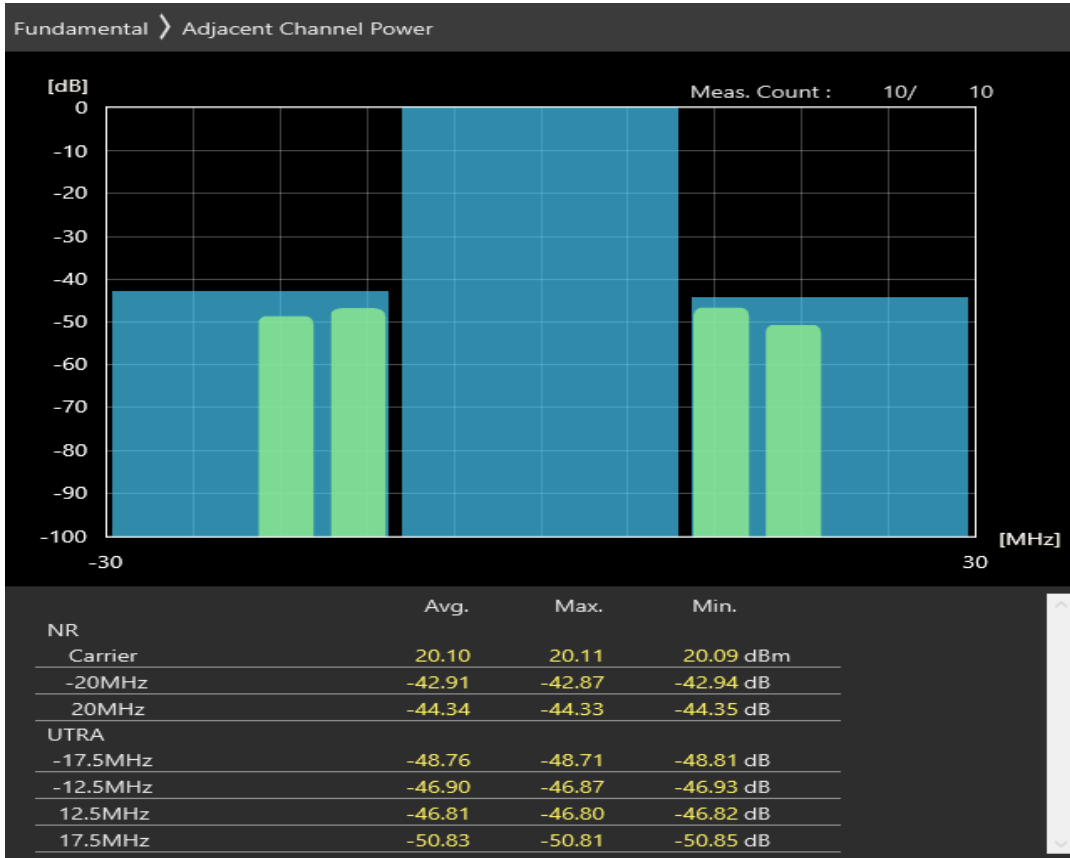
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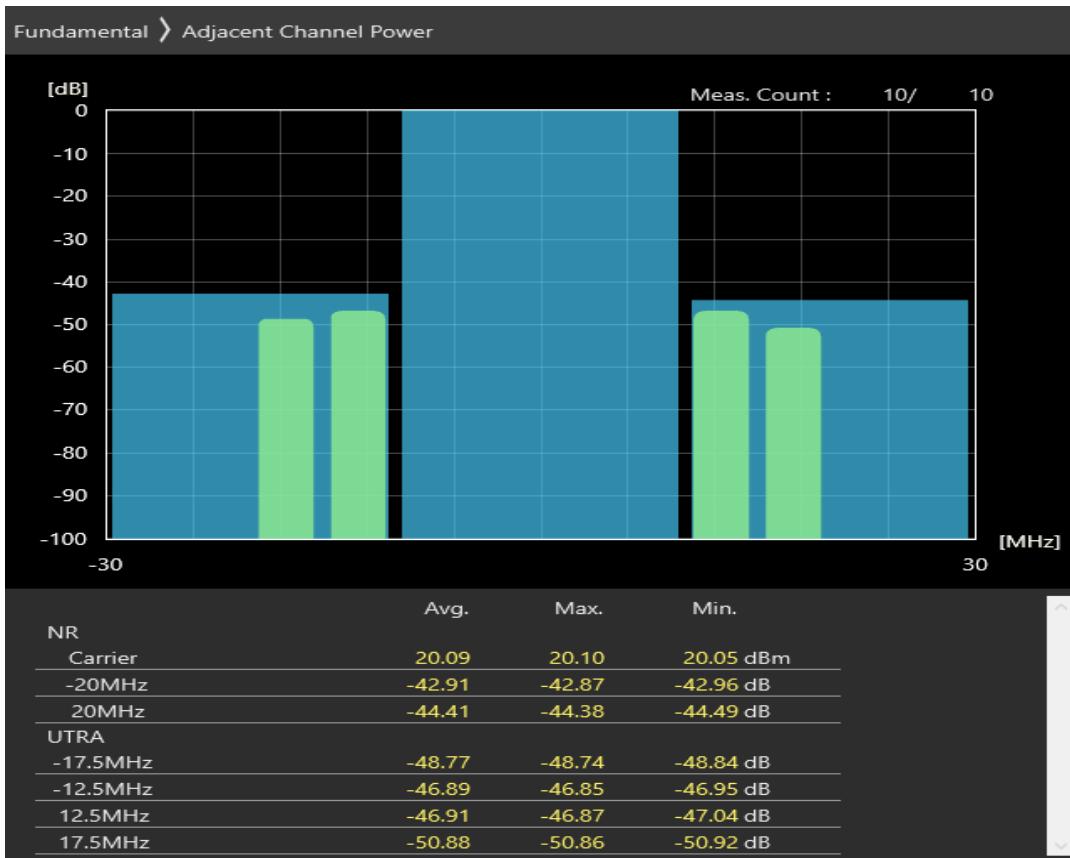
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n20 SCS=30kHz DFT_QPSK BW=20MHz Channel=170400 RB=50@0



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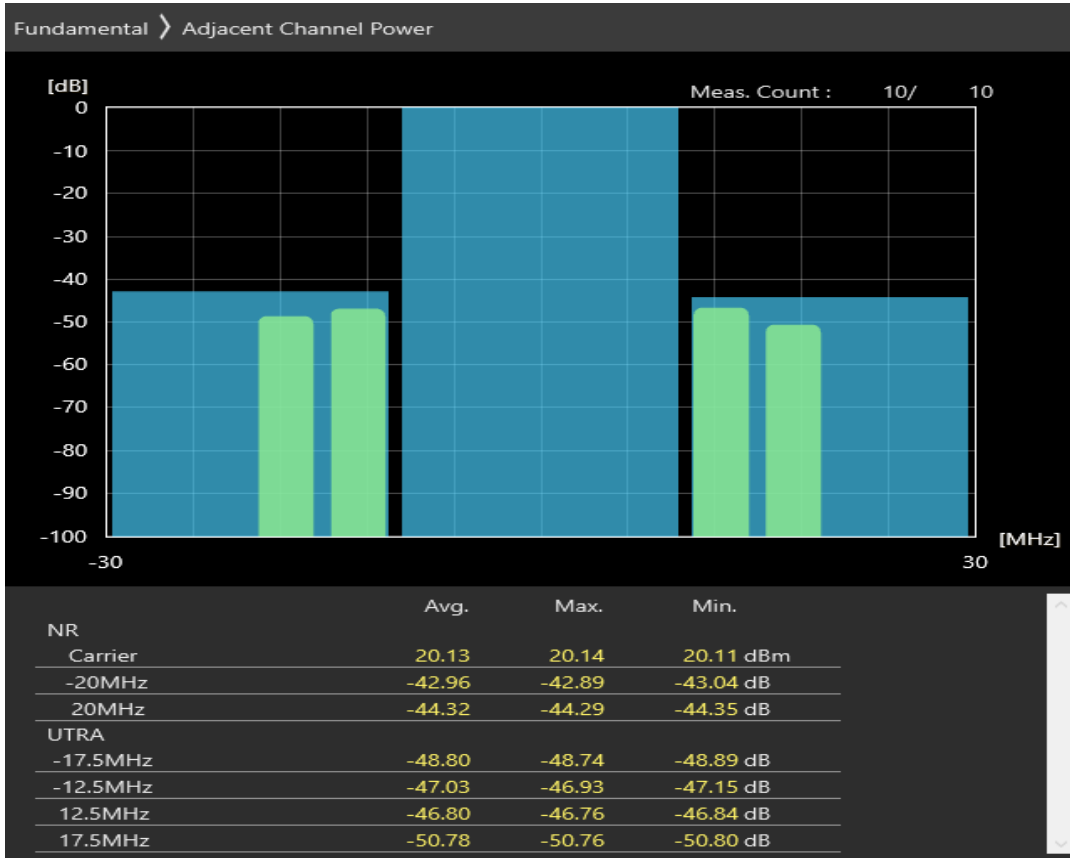
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n20 SCS=30kHz DFT_QAM256 BW=20MHz Channel=170400 RB=1@50



n20 SCS=30kHz DFT_QAM256 BW=20MHz Channel=170400 RB=50@0



n20 SCS=30kHz CP_QPSK BW=20MHz Channel=170400 RB=25@12



n20 SCS=30kHz CP_QPSK BW=20MHz Channel=170400 RB=1@50



n20 SCS=30kHz CP_QPSK BW=20MHz Channel=170400 RB=51@0



n20 SCS=30kHz CP_QAM16 BW=20MHz Channel=170400 RB=25@12



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n20 SCS=30kHz CP_QAM64 BW=20MHz Channel=170400 RB=51@0



n20 SCS=30kHz CP_QAM256 BW=20MHz Channel=170400 RB=1@50



n20 SCS=30kHz CP_QAM256 BW=20MHz Channel=170400 RB=51@0



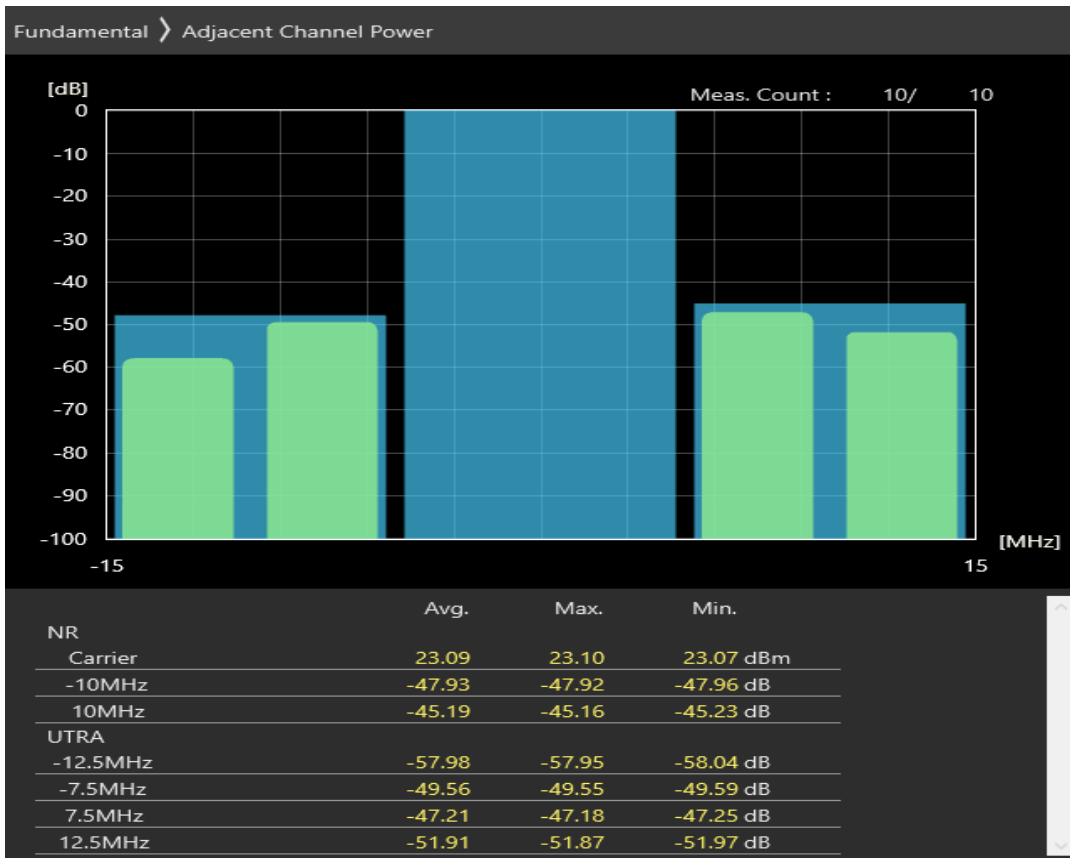
n28 SCS=30kHz DFT_BPSK BW=10MHz Channel=141600 RB=12@6



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n28 SCS=30kHz DFT_BPSK BW=10MHz Channel=141600 RB=24@0



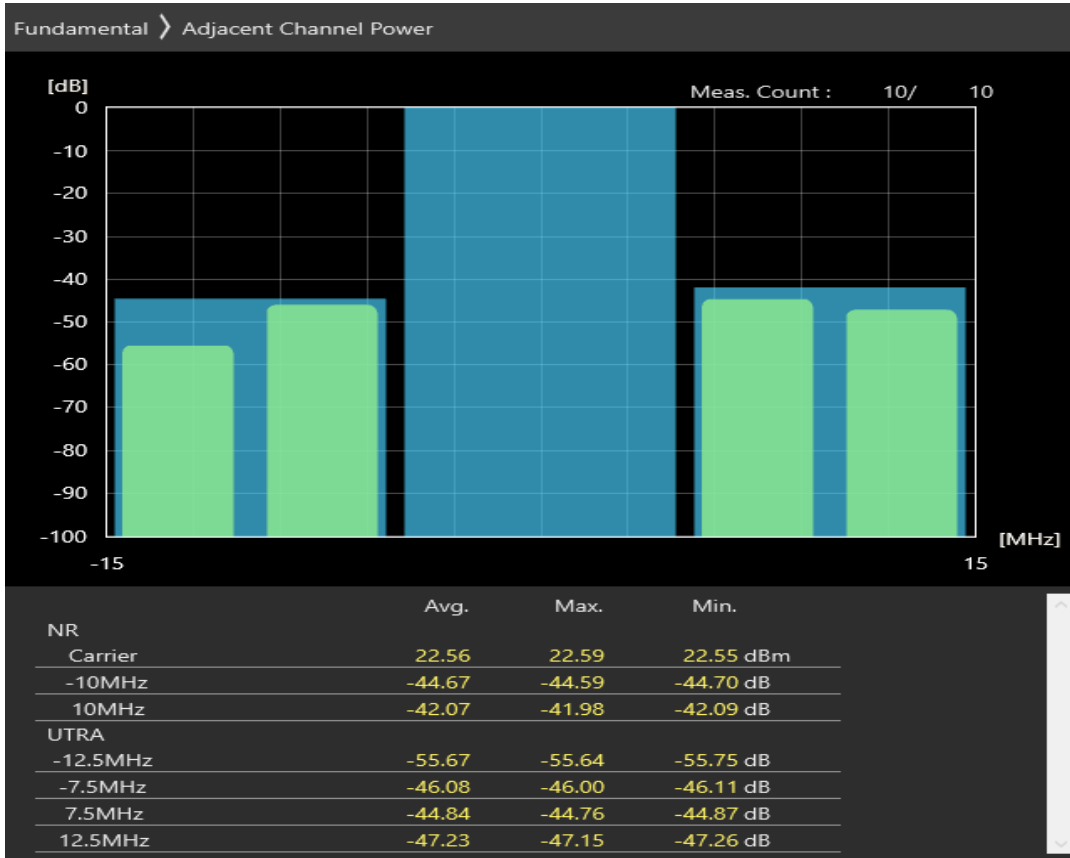
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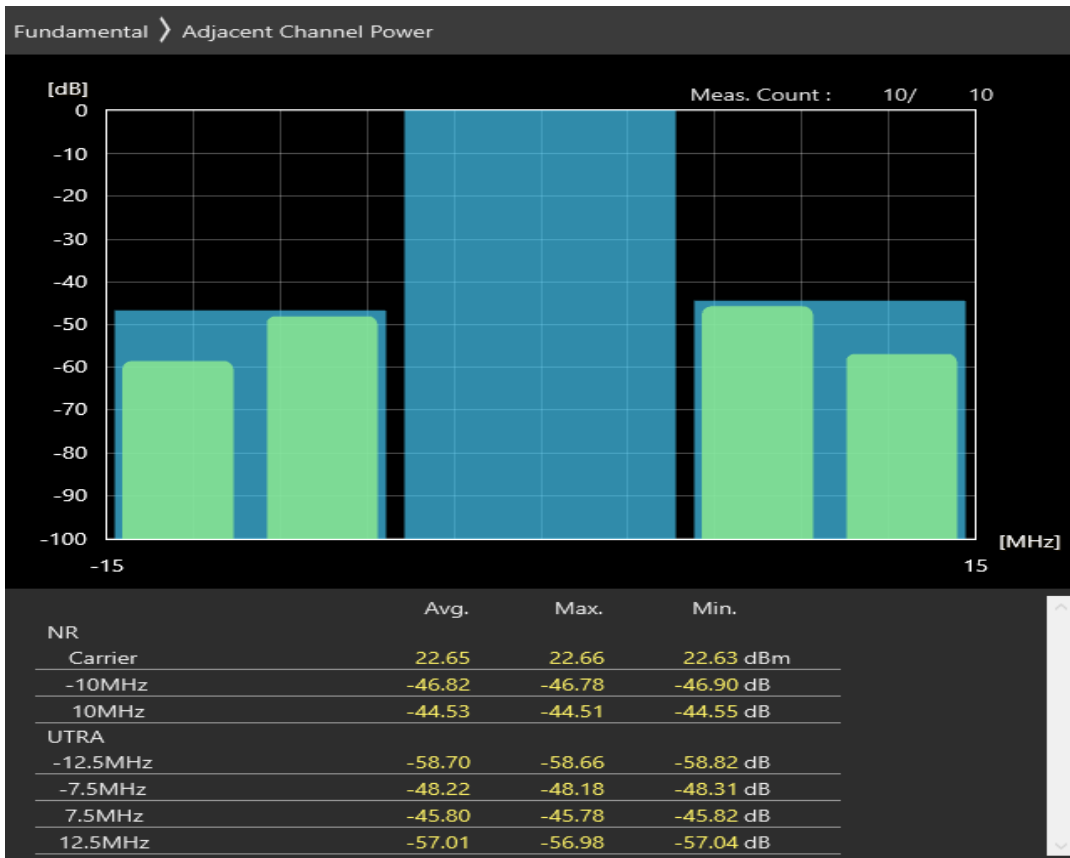
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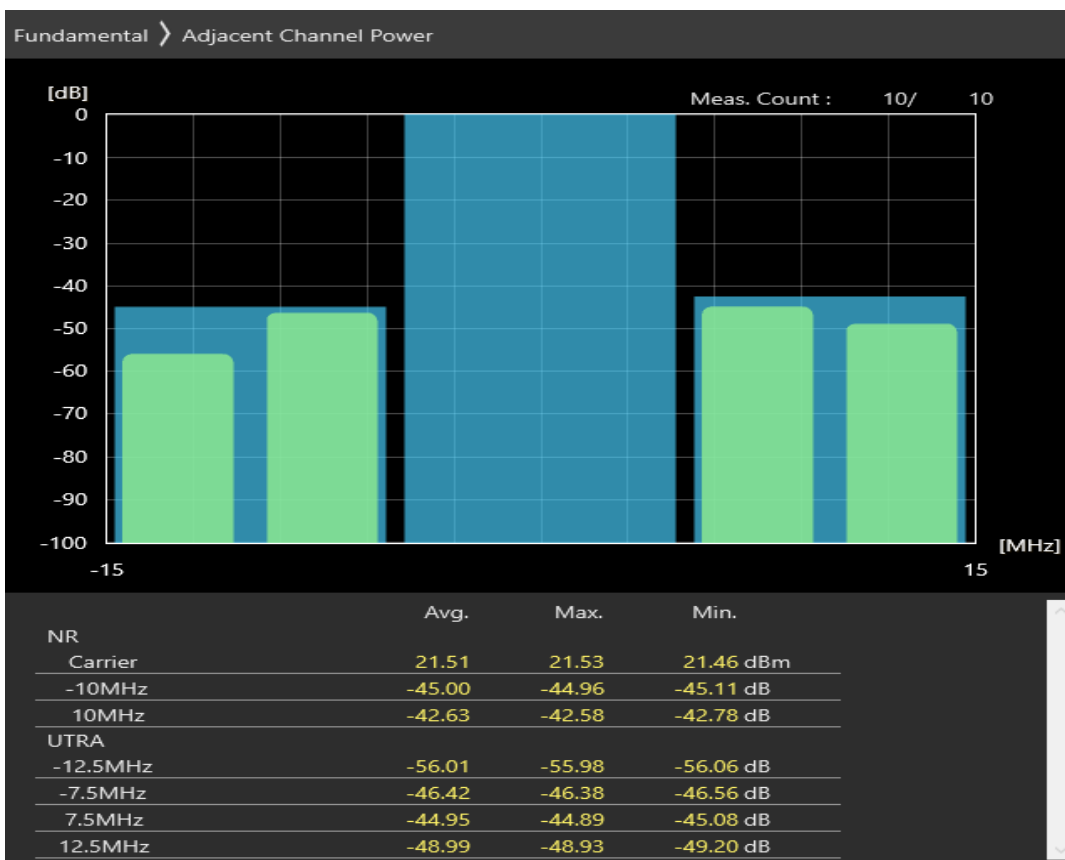
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n28 SCS=30kHz DFT_QAM16 BW=10MHz Channel=141600 RB=1@0



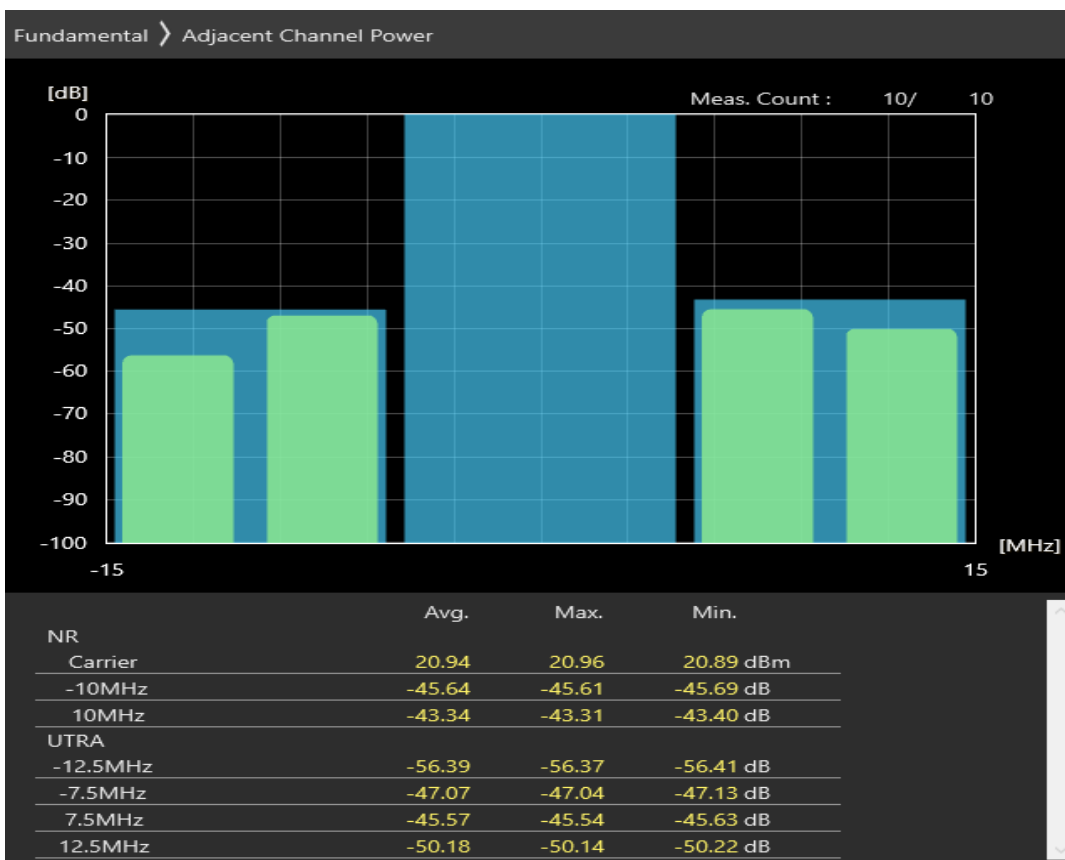
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n28 SCS=30kHz DFT_QAM64 BW=10MHz Channel=141600 RB=1@0



n28 SCS=30kHz DFT_QAM64 BW=10MHz Channel=141600 RB=24@0



n28 SCS=30kHz DFT_QAM256 BW=10MHz Channel=141600 RB=1@0



n28 SCS=30kHz DFT_QAM256 BW=10MHz Channel=141600 RB=24@0



n28 SCS=30kHz CP_QPSK BW=10MHz Channel=141600 RB=12@6



n28 SCS=30kHz CP_QPSK BW=10MHz Channel=141600 RB=1@0



n28 SCS=30kHz CP_QPSK BW=10MHz Channel=141600 RB=24@0



n28 SCS=30kHz CP_QAM16 BW=10MHz Channel=141600 RB=12@6



n28 SCS=30kHz CP_QAM16 BW=10MHz Channel=141600 RB=1@0



n28 SCS=30kHz CP_QAM16 BW=10MHz Channel=141600 RB=24@0



n28 SCS=30kHz CP_QAM64 BW=10MHz Channel=141600 RB=1@0



n28 SCS=30kHz CP_QAM64 BW=10MHz Channel=141600 RB=24@0



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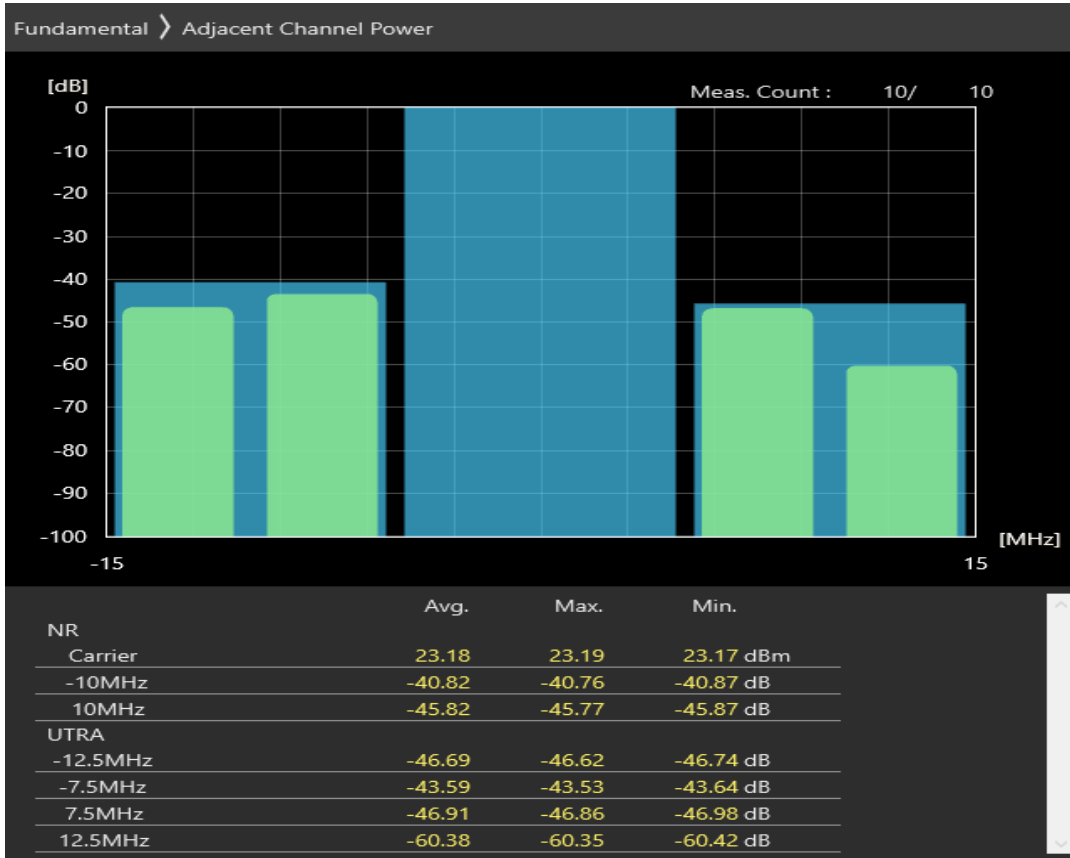
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n28 SCS=30kHz DFT_BPSK BW=10MHz Channel=148600 RB=1@23



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n28 SCS=30kHz DFT_QPSK BW=10MHz Channel=148600 RB=12@6



n28 SCS=30kHz DFT_QPSK BW=10MHz Channel=148600 RB=1@23



n28 SCS=30kHz DFT_QPSK BW=10MHz Channel=148600 RB=24@0



n28 SCS=30kHz DFT_QAM16 BW=10MHz Channel=148600 RB=12@6



n28 SCS=30kHz DFT_QAM16 BW=10MHz Channel=148600 RB=1@23



n28 SCS=30kHz DFT_QAM16 BW=10MHz Channel=148600 RB=24@0



n28 SCS=30kHz DFT_QAM64 BW=10MHz Channel=148600 RB=1@23



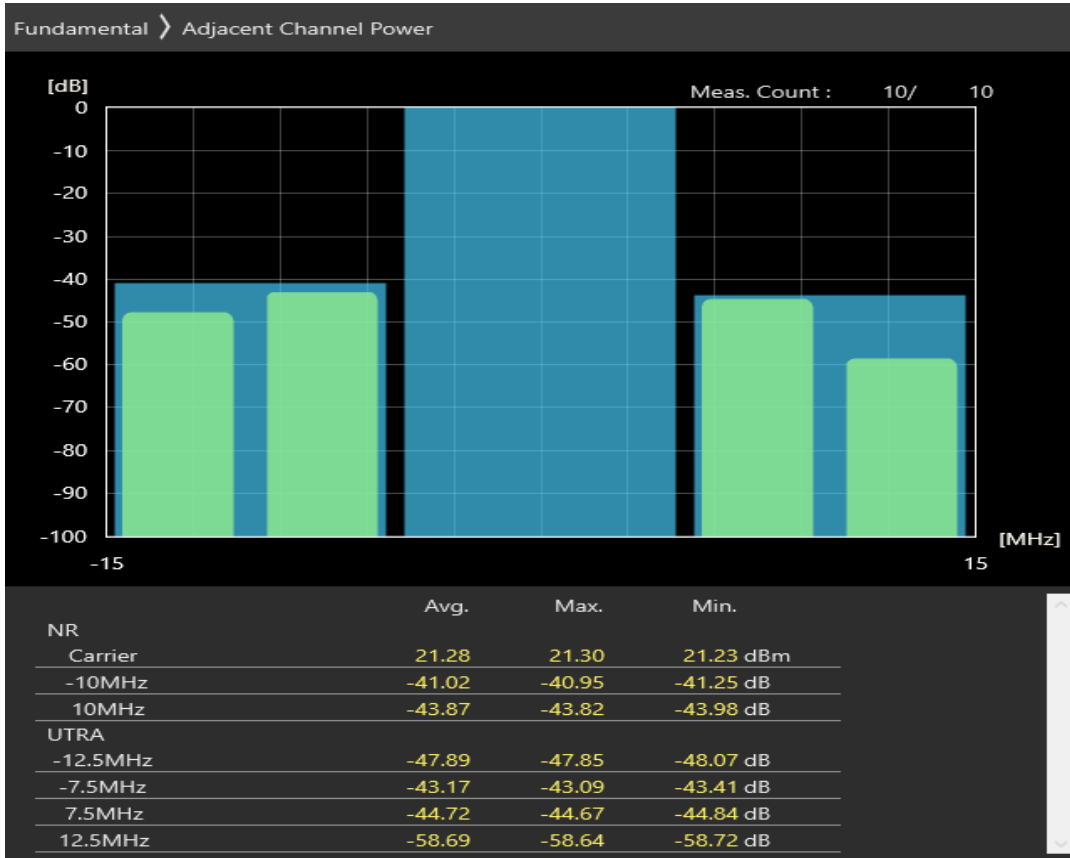
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n28 SCS=30kHz DFT_QAM256 BW=10MHz Channel=148600 RB=1@23



n28 SCS=30kHz DFT_QAM256 BW=10MHz Channel=148600 RB=24@0



n28 SCS=30kHz CP_QPSK BW=10MHz Channel=148600 RB=12@6



n28 SCS=30kHz CP_QPSK BW=10MHz Channel=148600 RB=1@23



n28 SCS=30kHz CP_QPSK BW=10MHz Channel=148600 RB=24@0



n28 SCS=30kHz CP_QAM16 BW=10MHz Channel=148600 RB=12@6



n28 SCS=30kHz CP_QAM16 BW=10MHz Channel=148600 RB=1@23



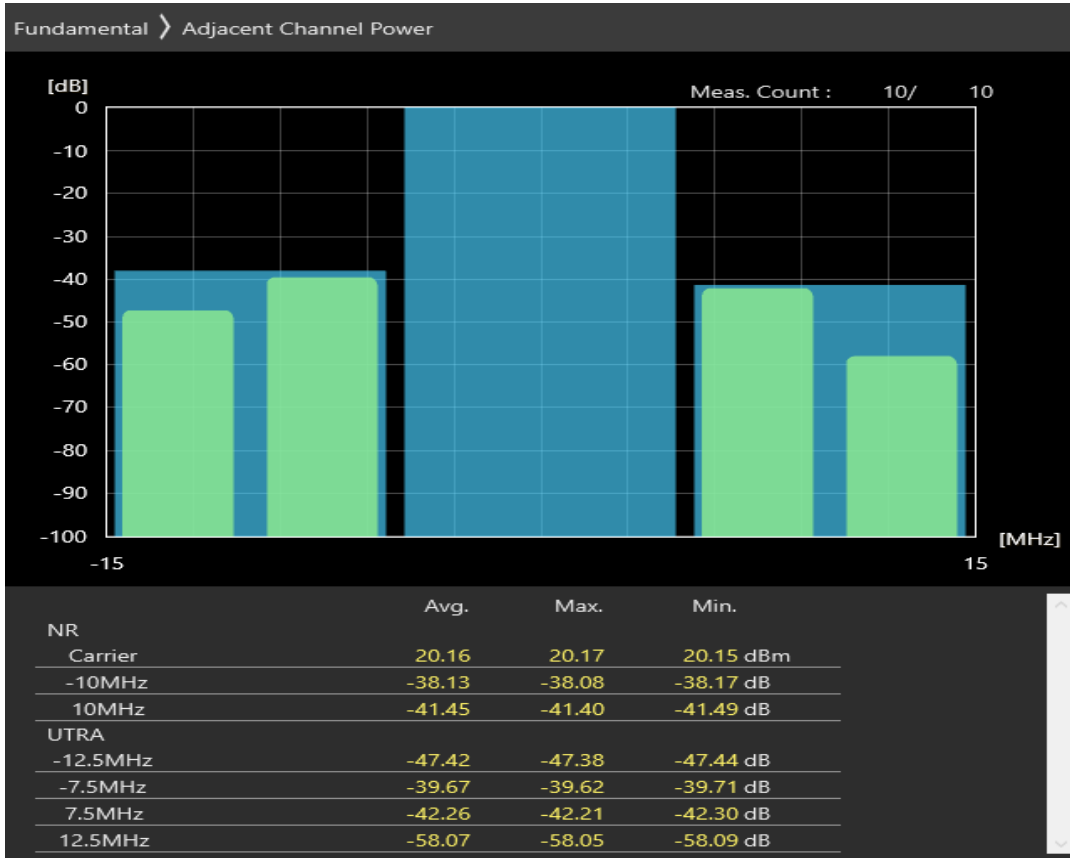
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n28 SCS=30kHz CP_QAM64 BW=10MHz Channel=148600 RB=1@23



n28 SCS=30kHz CP_QAM64 BW=10MHz Channel=148600 RB=24@0



n28 SCS=30kHz CP_QAM256 BW=10MHz Channel=148600 RB=1@23



n28 SCS=30kHz CP_QAM256 BW=10MHz Channel=148600 RB=24@0



n28 SCS=30kHz DFT_BPSK BW=20MHz Channel=142600 RB=25@12



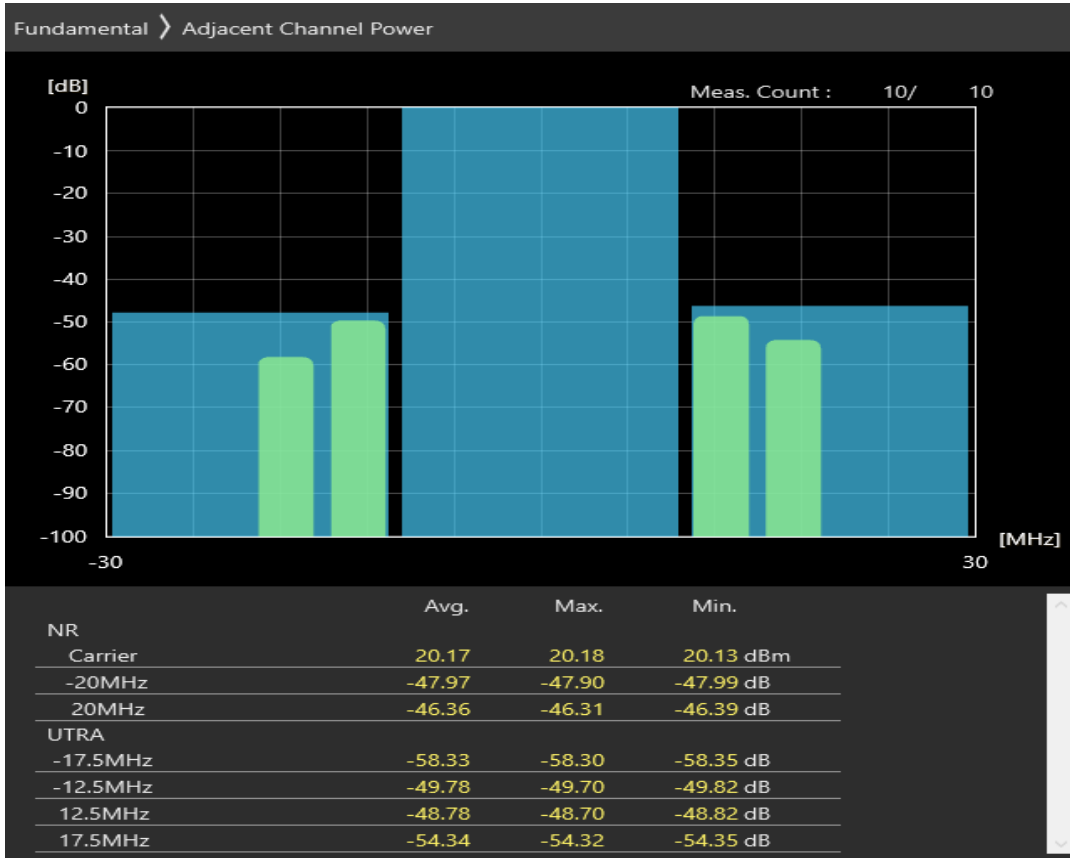
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n28 SCS=30kHz DFT_BPSK BW=20MHz Channel=142600 RB=50@0



n28 SCS=30kHz DFT_QPSK BW=20MHz Channel=142600 RB=25@12



n28 SCS=30kHz DFT_QPSK BW=20MHz Channel=142600 RB=1@0



n28 SCS=30kHz DFT_QPSK BW=20MHz Channel=142600 RB=50@0



n28 SCS=30kHz DFT_QAM16 BW=20MHz Channel=142600 RB=25@12



n28 SCS=30kHz DFT_QAM16 BW=20MHz Channel=142600 RB=1@0



n28 SCS=30kHz DFT_QAM16 BW=20MHz Channel=142600 RB=50@0



n28 SCS=30kHz DFT_QAM64 BW=20MHz Channel=142600 RB=1@0



n28 SCS=30kHz DFT_QAM64 BW=20MHz Channel=142600 RB=50@0



n28 SCS=30kHz DFT_QAM256 BW=20MHz Channel=142600 RB=1@0



n28 SCS=30kHz DFT_QAM256 BW=20MHz Channel=142600 RB=50@0



n28 SCS=30kHz CP_QPSK BW=20MHz Channel=142600 RB=25@12



n28 SCS=30kHz CP_QPSK BW=20MHz Channel=142600 RB=1@0



n28 SCS=30kHz CP_QPSK BW=20MHz Channel=142600 RB=51@0



n28 SCS=30kHz CP_QAM16 BW=20MHz Channel=142600 RB=25@12



n28 SCS=30kHz CP_QAM16 BW=20MHz Channel=142600 RB=1@0



n28 SCS=30kHz CP_QAM16 BW=20MHz Channel=142600 RB=51@0



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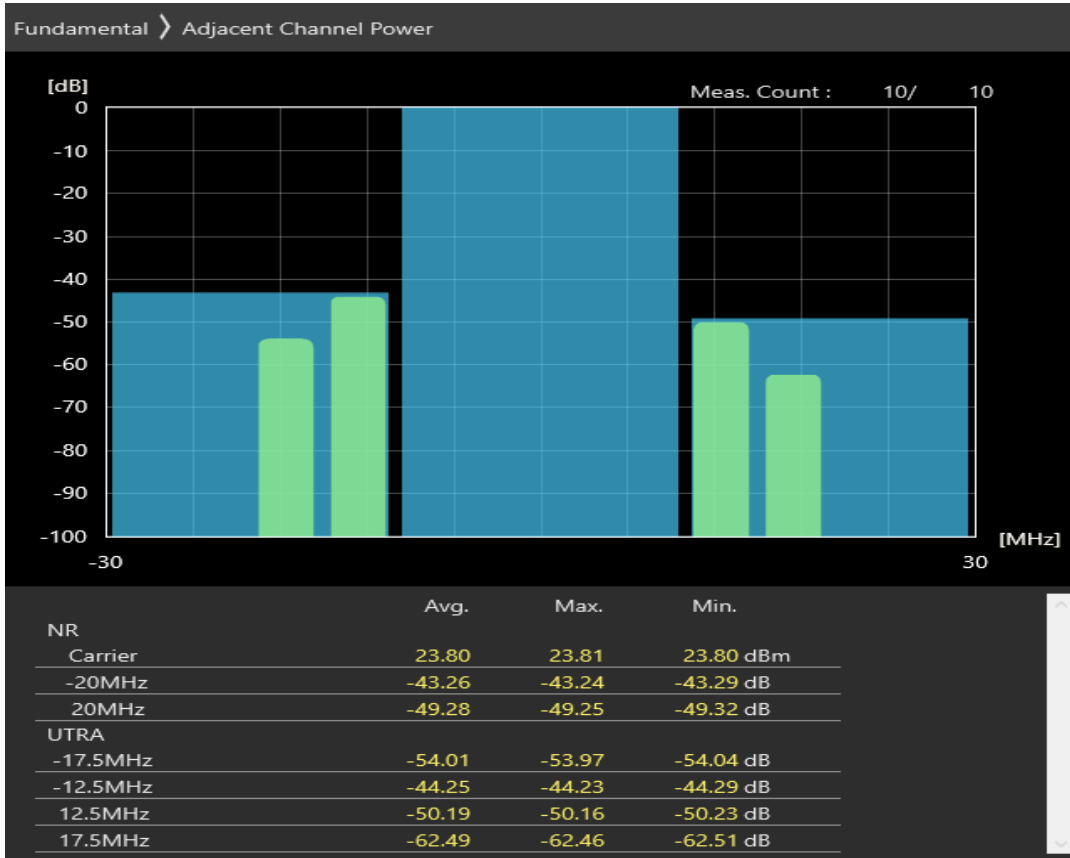
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n28 SCS=30kHz CP_QAM256 BW=20MHz Channel=142600 RB=51@0



n28 SCS=30kHz DFT_BPSK BW=20MHz Channel=147600 RB=25@12



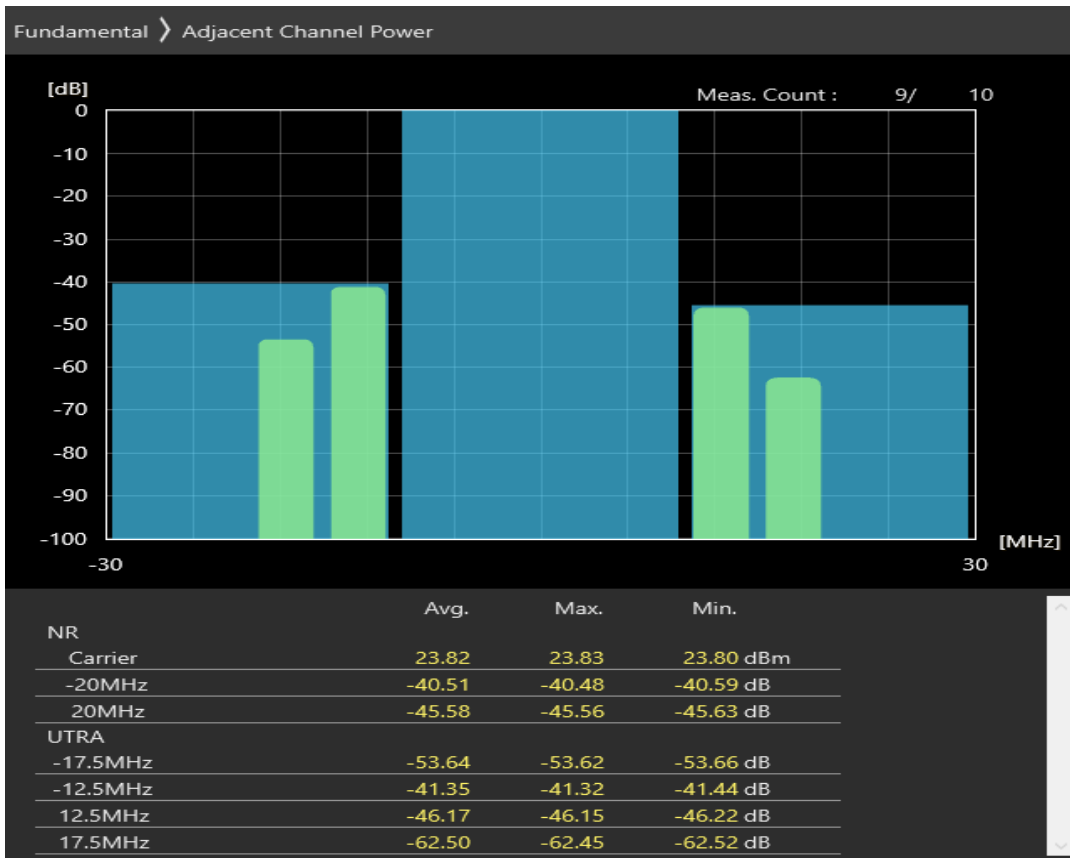
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n28 SCS=30kHz DFT_BPSK BW=20MHz Channel=147600 RB=50@0



n28 SCS=30kHz DFT_QPSK BW=20MHz Channel=147600 RB=25@12



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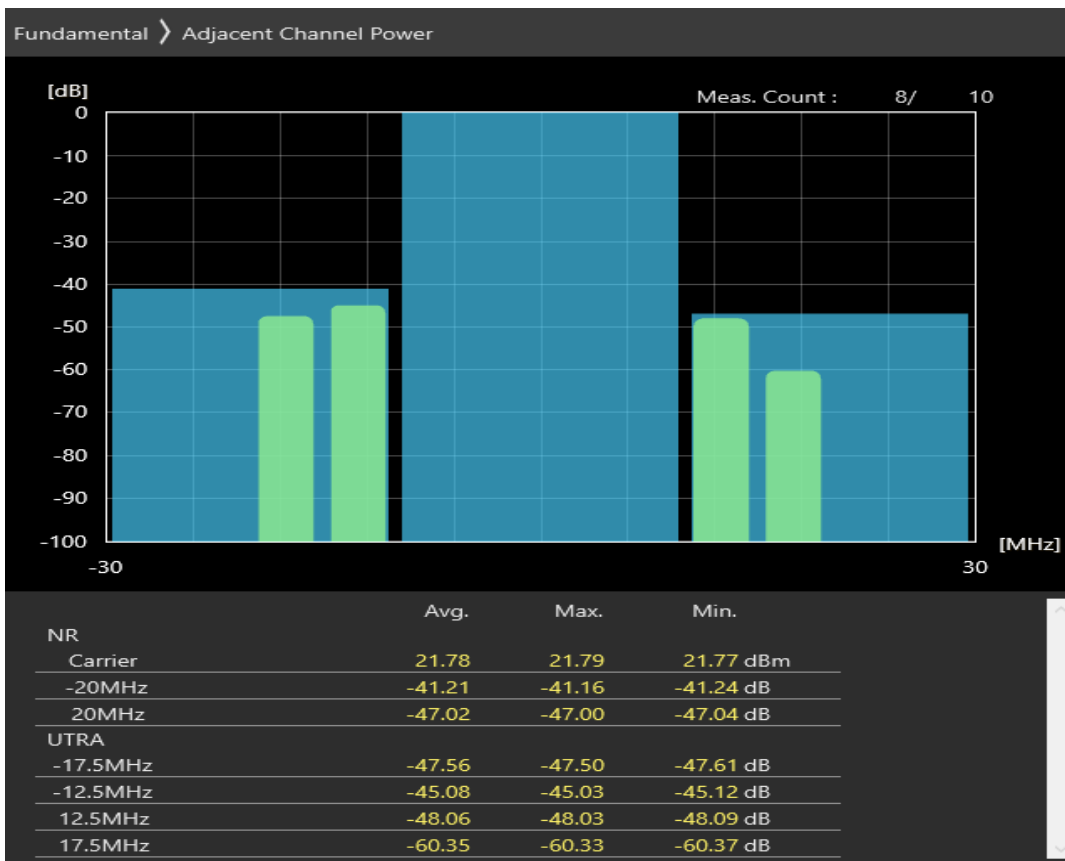
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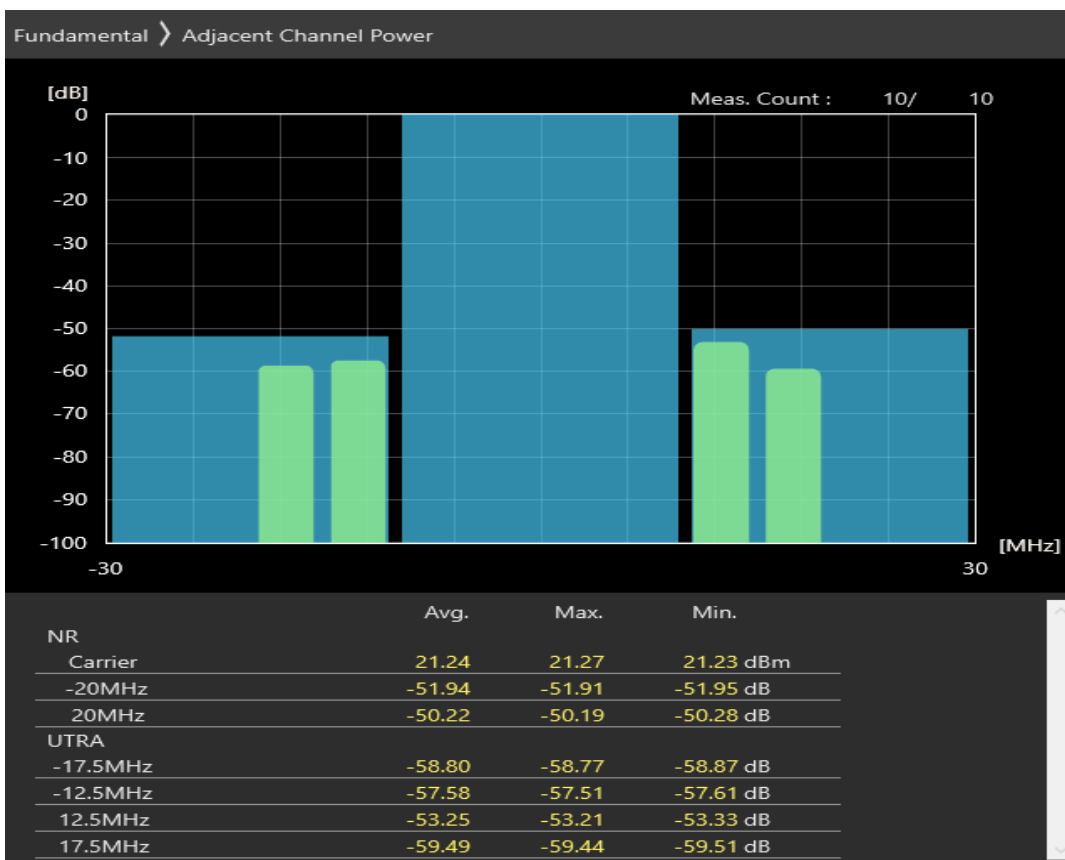
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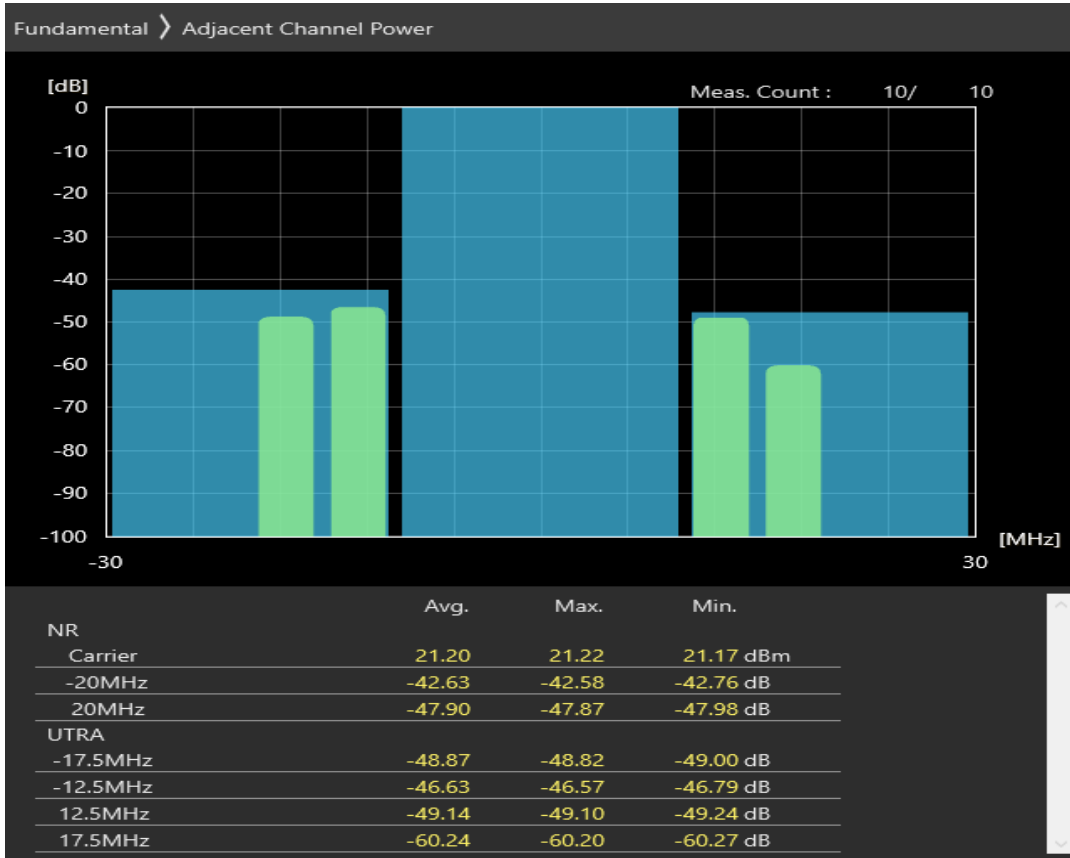
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n28 SCS=30kHz DFT_QAM64 BW=20MHz Channel=147600 RB=1@50



n28 SCS=30kHz DFT_QAM64 BW=20MHz Channel=147600 RB=50@0



n28 SCS=30kHz DFT_QAM256 BW=20MHz Channel=147600 RB=1@50



n28 SCS=30kHz DFT_QAM256 BW=20MHz Channel=147600 RB=50@0



n28 SCS=30kHz CP_QPSK BW=20MHz Channel=147600 RB=25@12



n28 SCS=30kHz CP_QPSK BW=20MHz Channel=147600 RB=1@50



n28 SCS=30kHz CP_QPSK BW=20MHz Channel=147600 RB=51@0



n28 SCS=30kHz CP_QAM16 BW=20MHz Channel=147600 RB=25@12



n28 SCS=30kHz CP_QAM16 BW=20MHz Channel=147600 RB=1 @50



n28 SCS=30kHz CP_QAM16 BW=20MHz Channel=147600 RB=51 @0



n28 SCS=30kHz CP_QAM64 BW=20MHz Channel=147600 RB=1@50



n28 SCS=30kHz CP_QAM64 BW=20MHz Channel=147600 RB=51@0



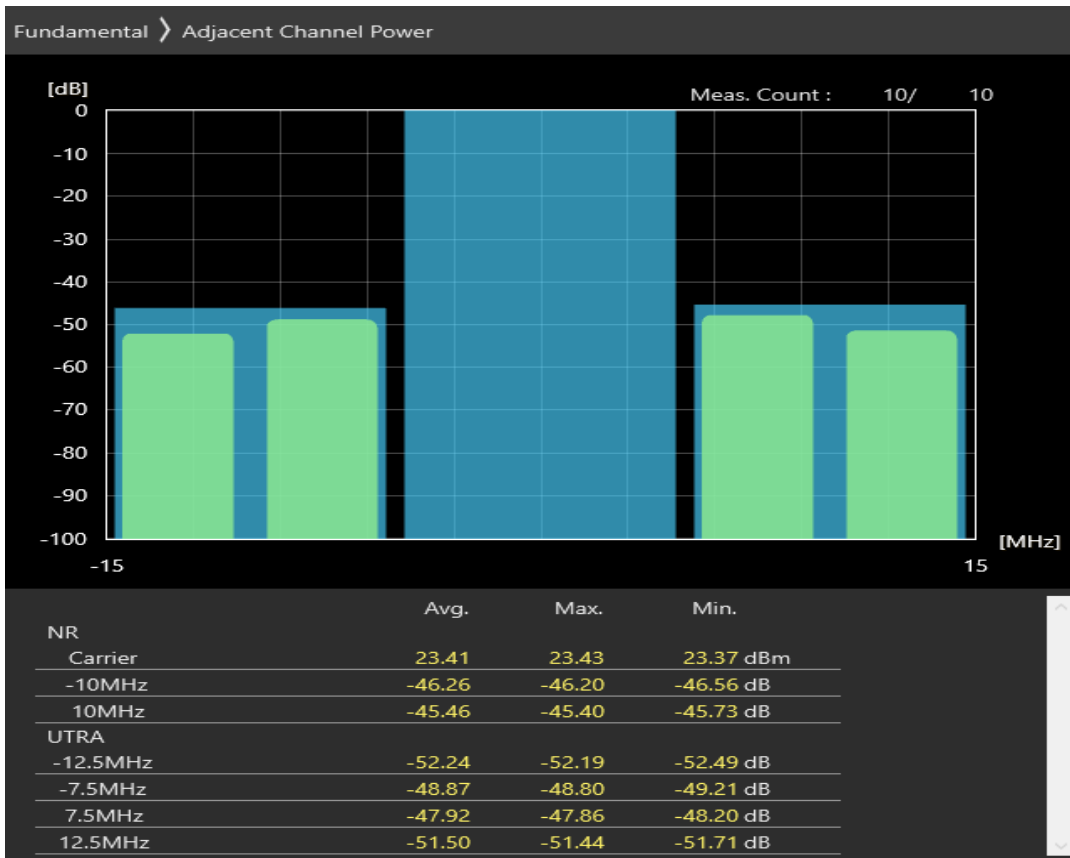
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n28 SCS=30kHz CP_QAM256 BW=20MHz Channel=147600 RB=51@0



n3 SCS=30kHz DFT_BPSK BW=10MHz Channel=343000 RB=12@6



n3 SCS=30kHz DFT_BPSK BW=10MHz Channel=343000 RB=1@0



n3 SCS=30kHz DFT_BPSK BW=10MHz Channel=343000 RB=24@0



n3 SCS=30kHz DFT_QPSK BW=10MHz Channel=343000 RB=12@6



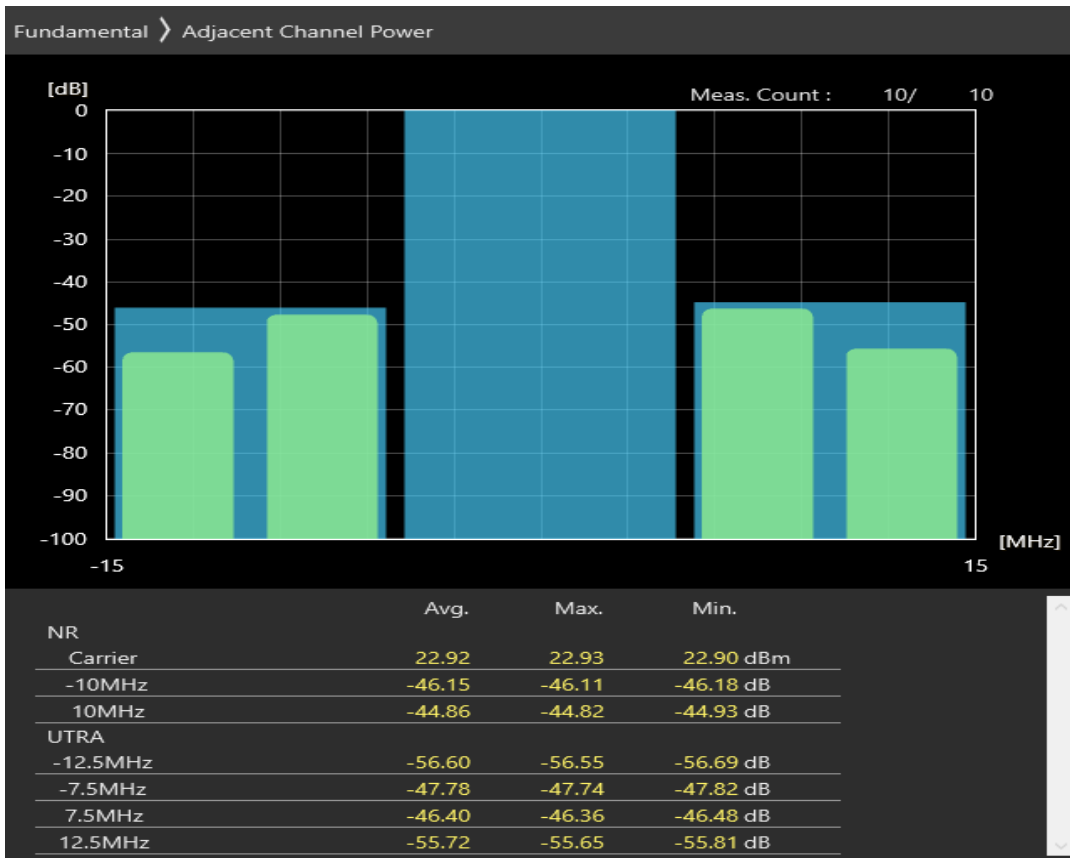
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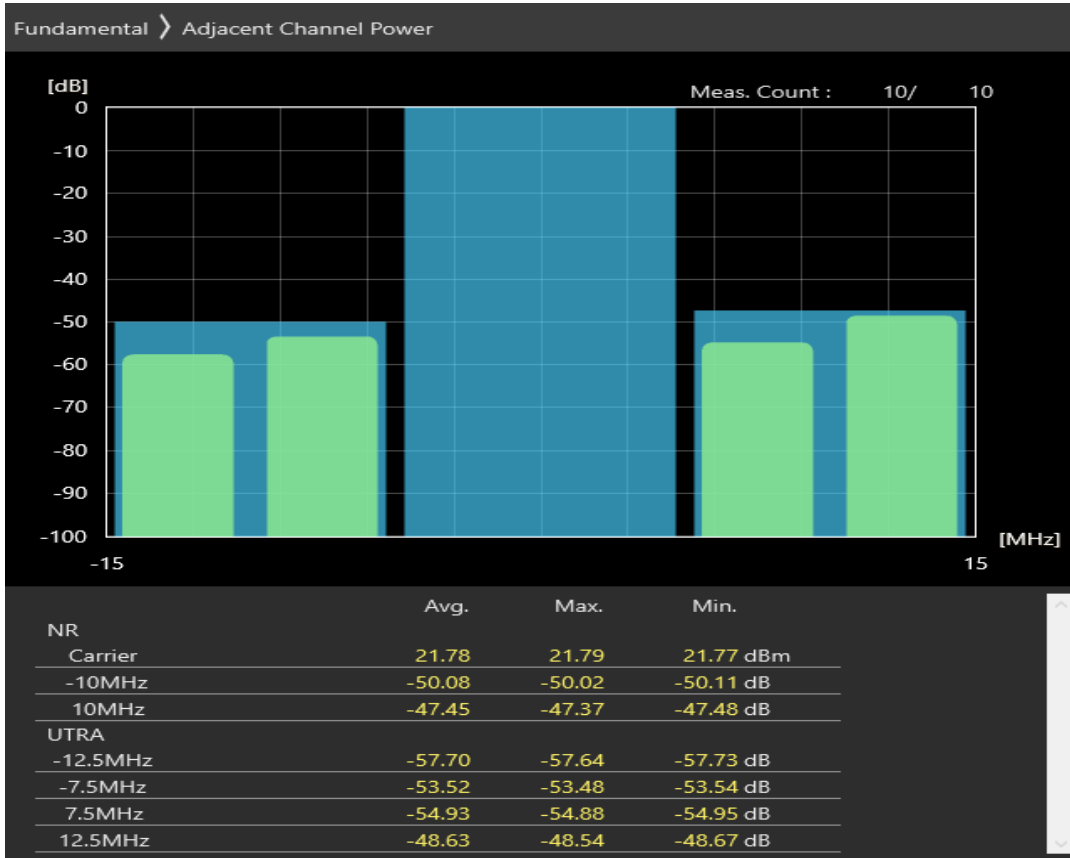
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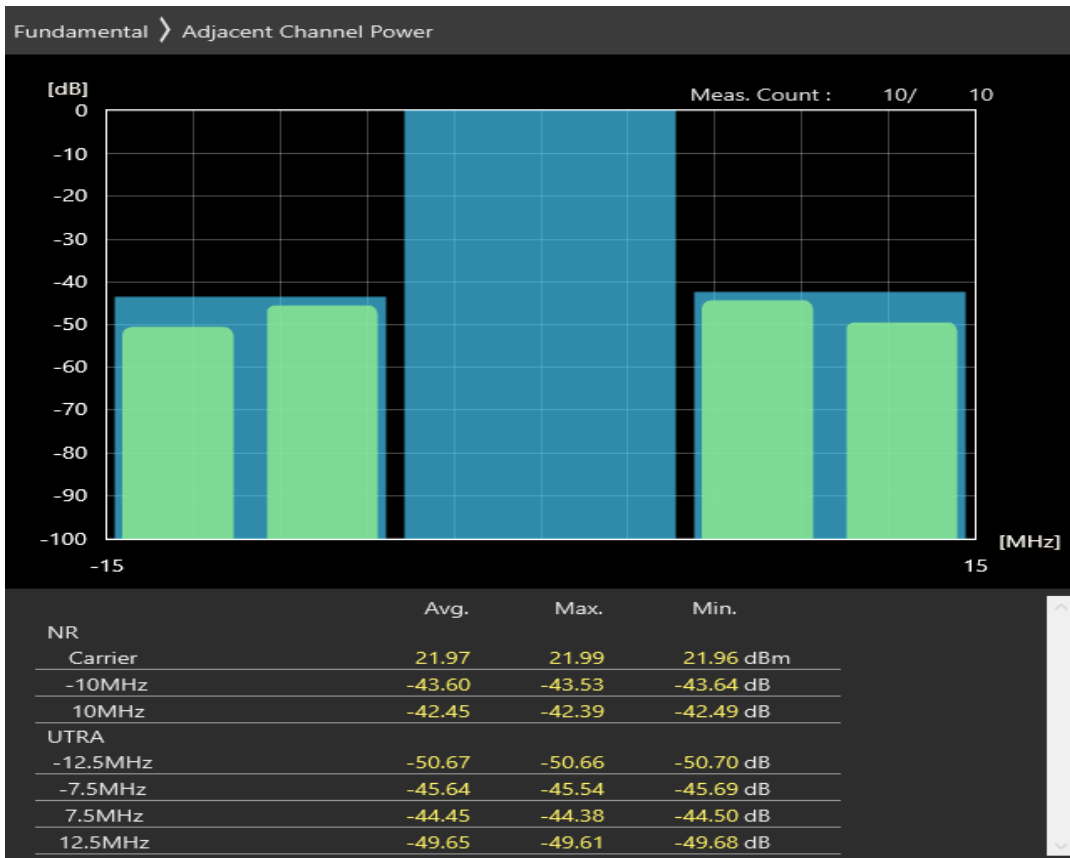
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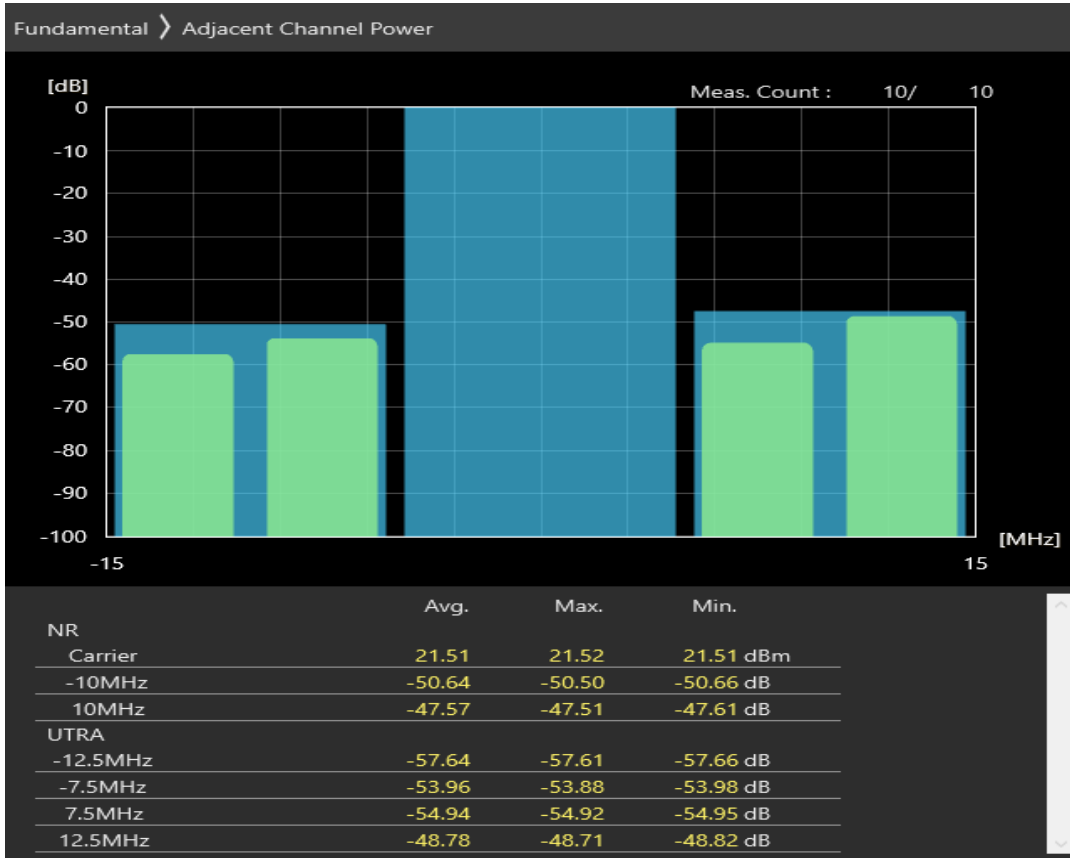
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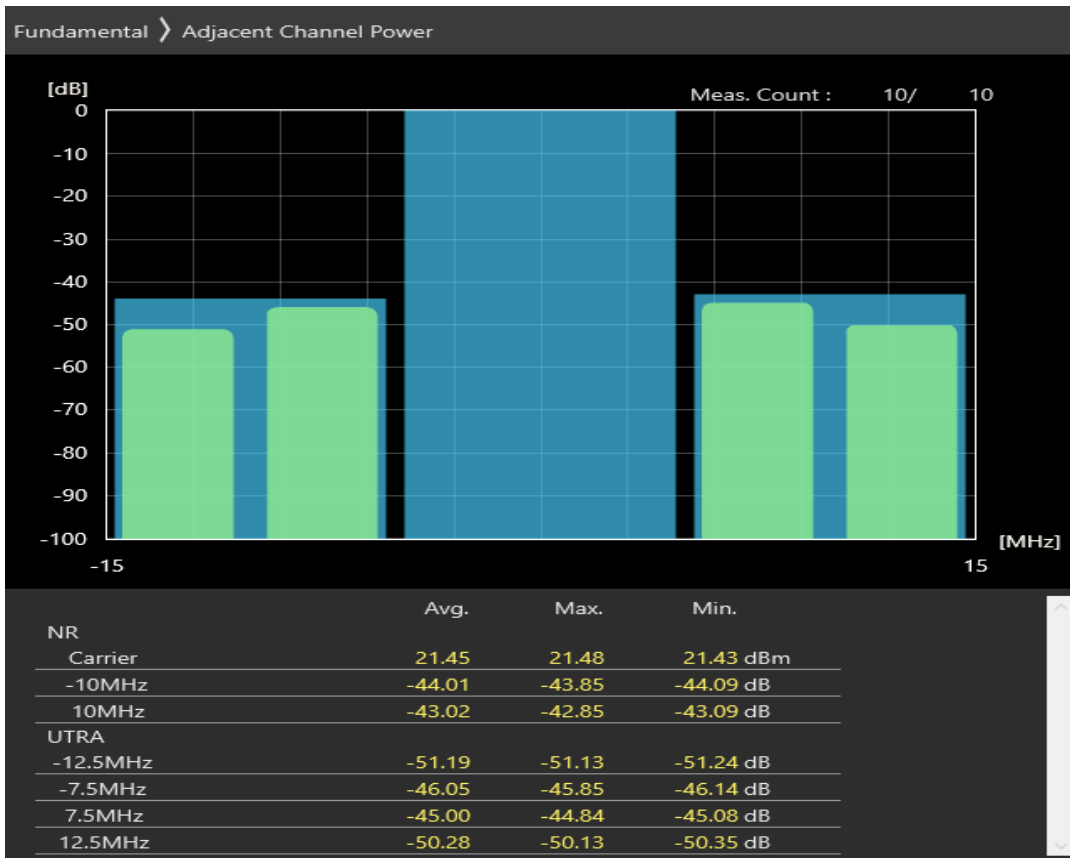
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n3 SCS=30kHz DFT_QAM64 BW=10MHz Channel=343000 RB=24@0



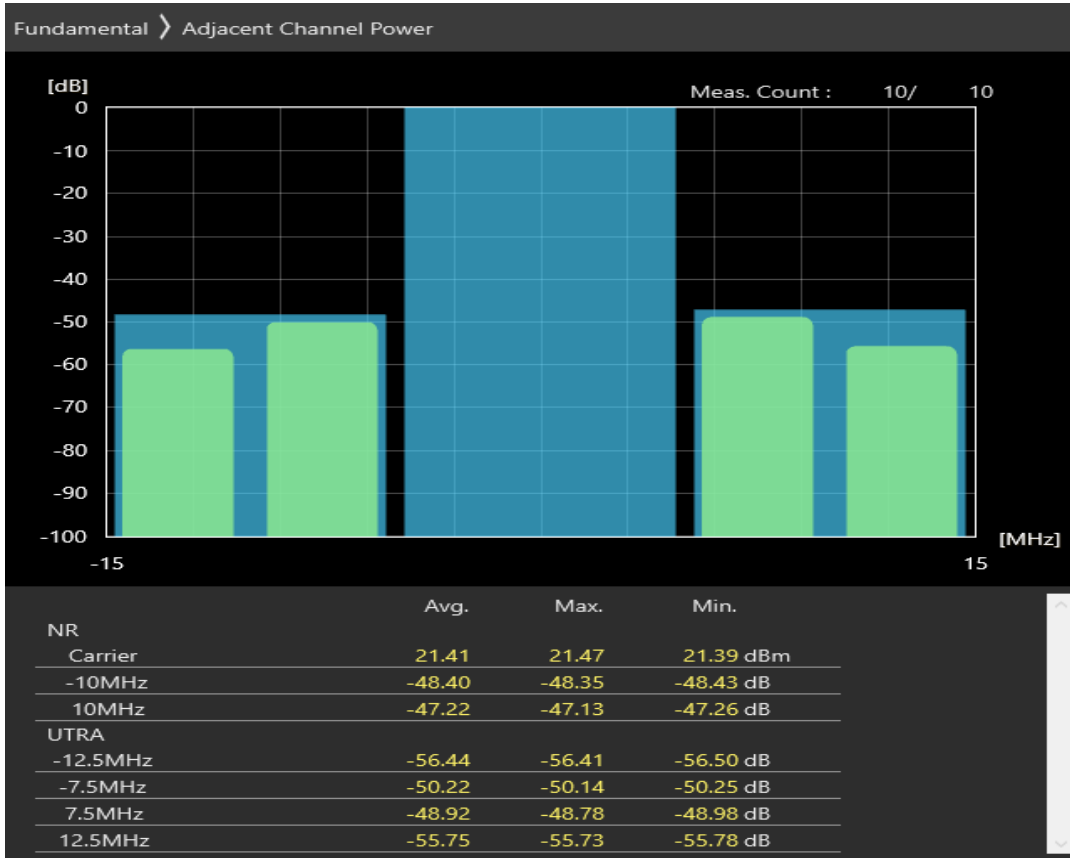
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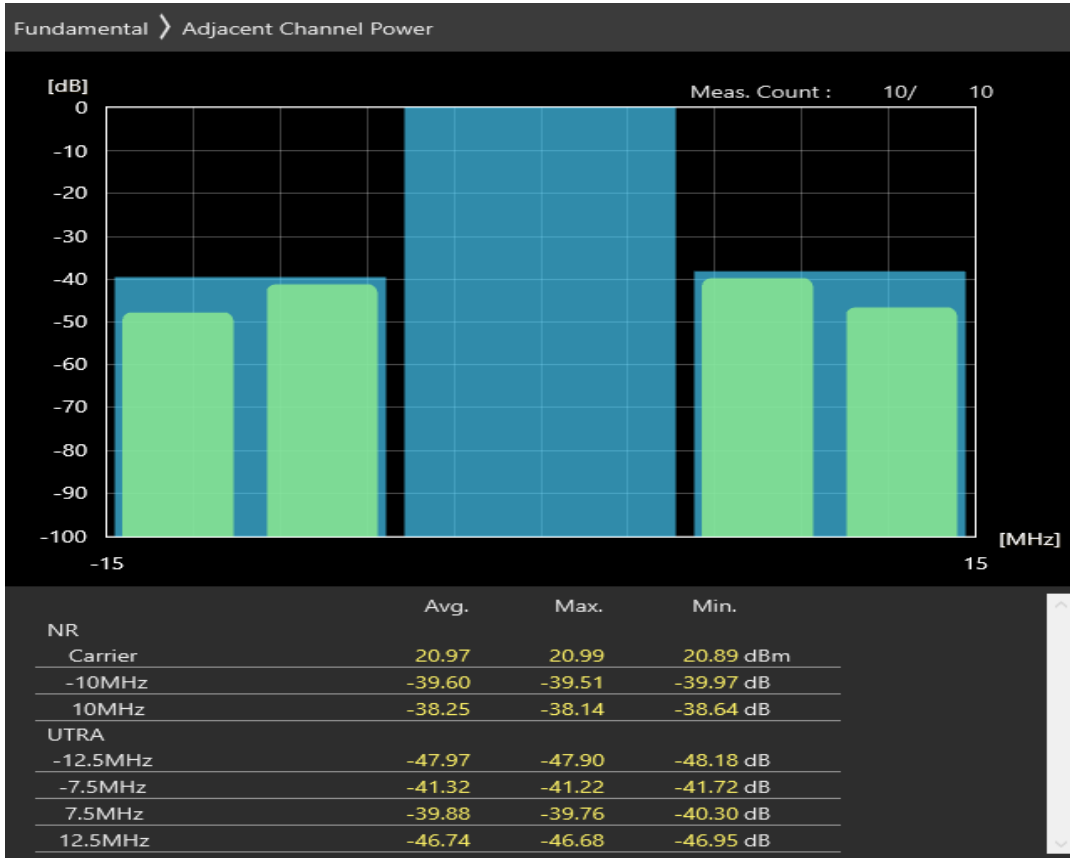
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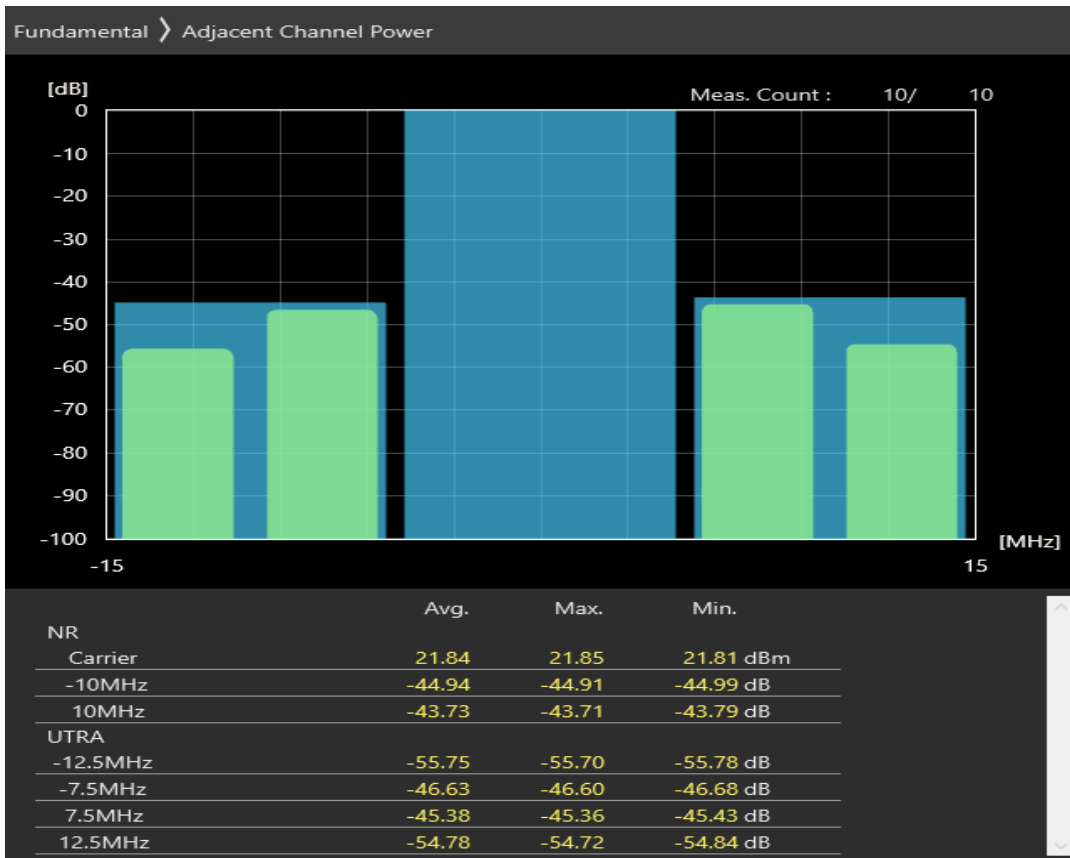
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n3 SCS=30kHz CP_QPSK BW=10MHz Channel=343000 RB=24@0



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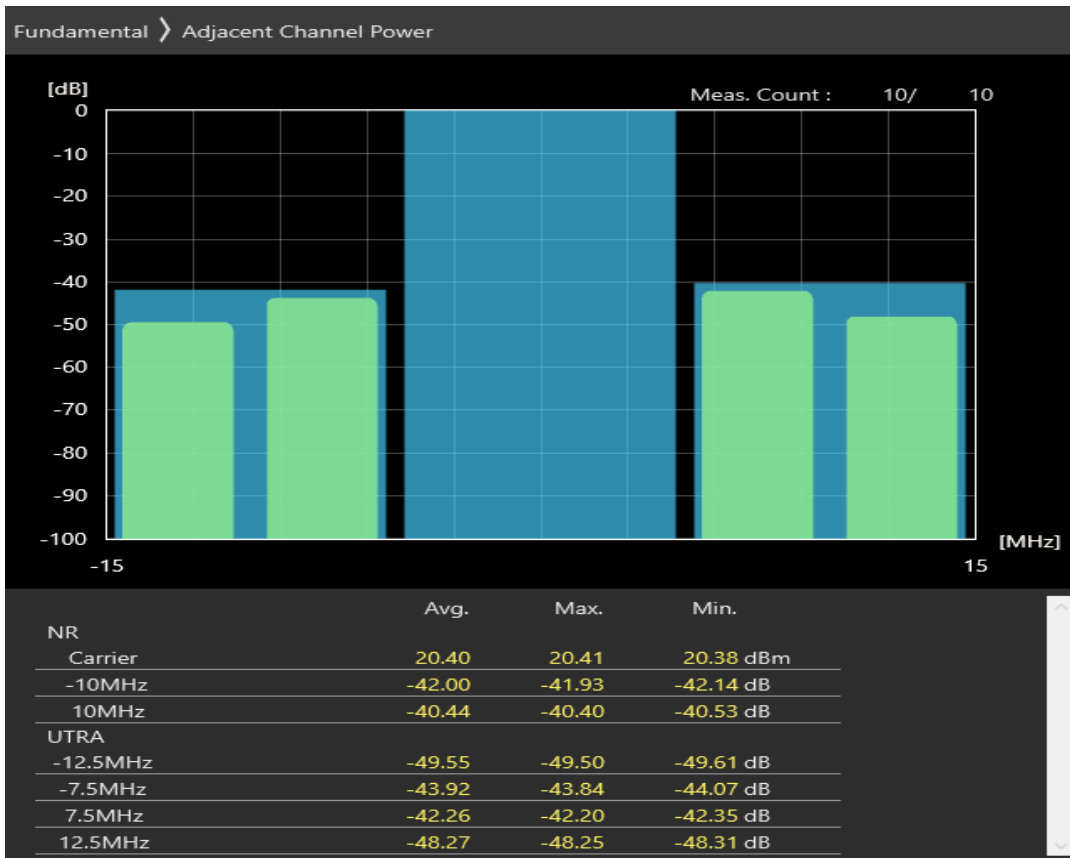
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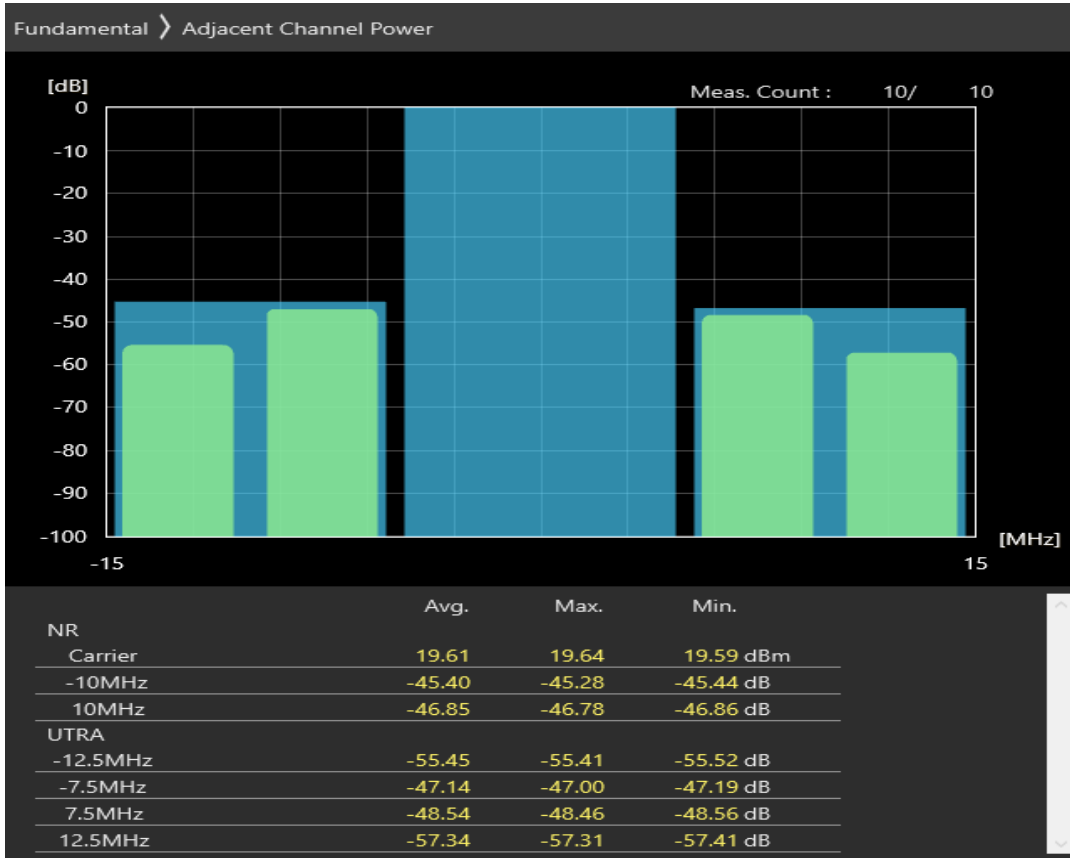
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n3 SCS=30kHz DFT_BPSK BW=10MHz Channel=356000 RB=12@6



n3 SCS=30kHz DFT_BPSK BW=10MHz Channel=356000 RB=1@23



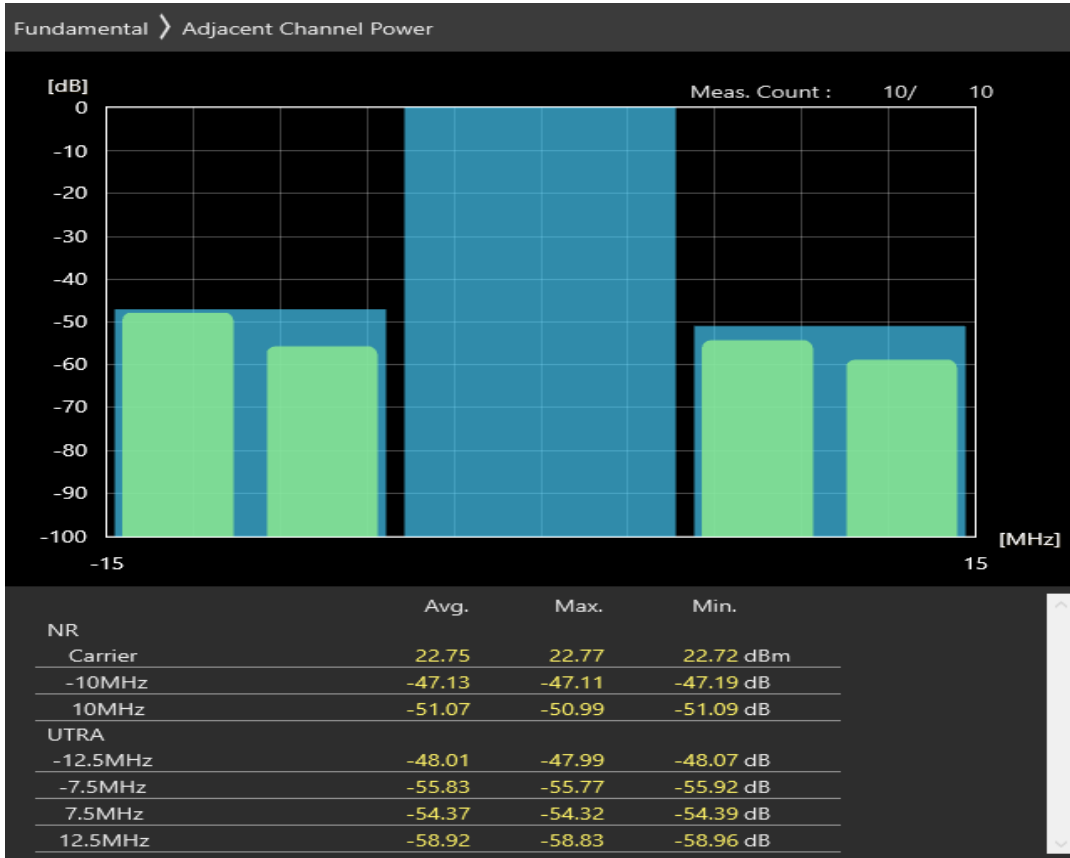
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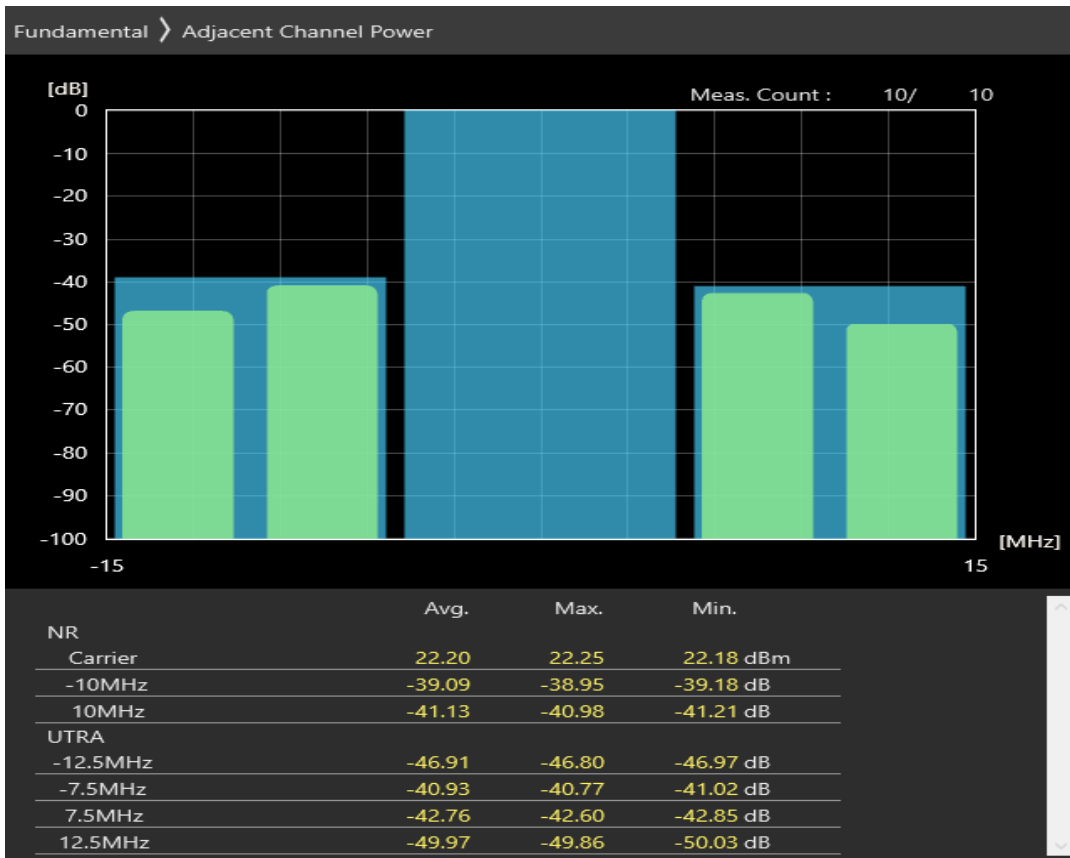
n3 SCS=30kHz DFT_QPSK BW=10MHz Channel=356000 RB=12@6



n3 SCS=30kHz DFT_QPSK BW=10MHz Channel=356000 RB=1@23



n3 SCS=30kHz DFT_QPSK BW=10MHz Channel=356000 RB=24@0



n3 SCS=30kHz DFT_QAM16 BW=10MHz Channel=356000 RB=12@6



n3 SCS=30kHz DFT_QAM16 BW=10MHz Channel=356000 RB=1@23



n3 SCS=30kHz DFT_QAM16 BW=10MHz Channel=356000 RB=24@0



n3 SCS=30kHz DFT_QAM64 BW=10MHz Channel=356000 RB=1@23



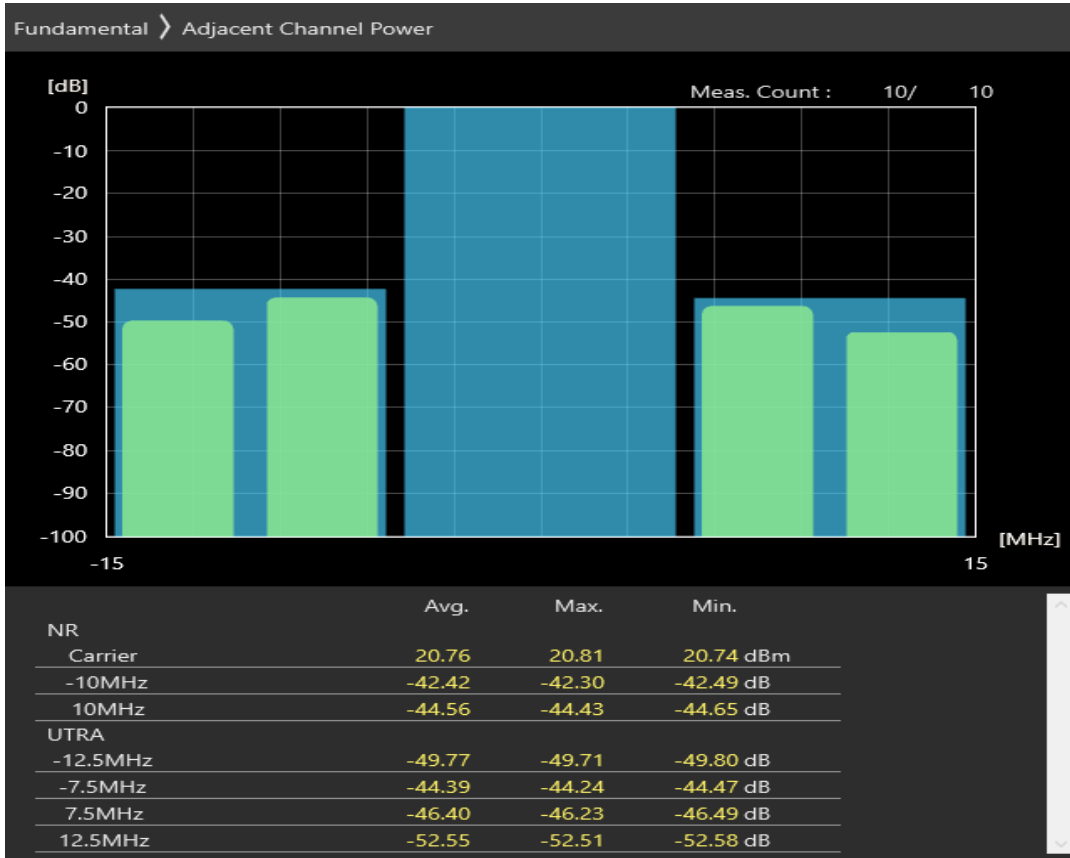
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n3 SCS=30kHz DFT_QAM256 BW=10MHz Channel=356000 RB=1@23



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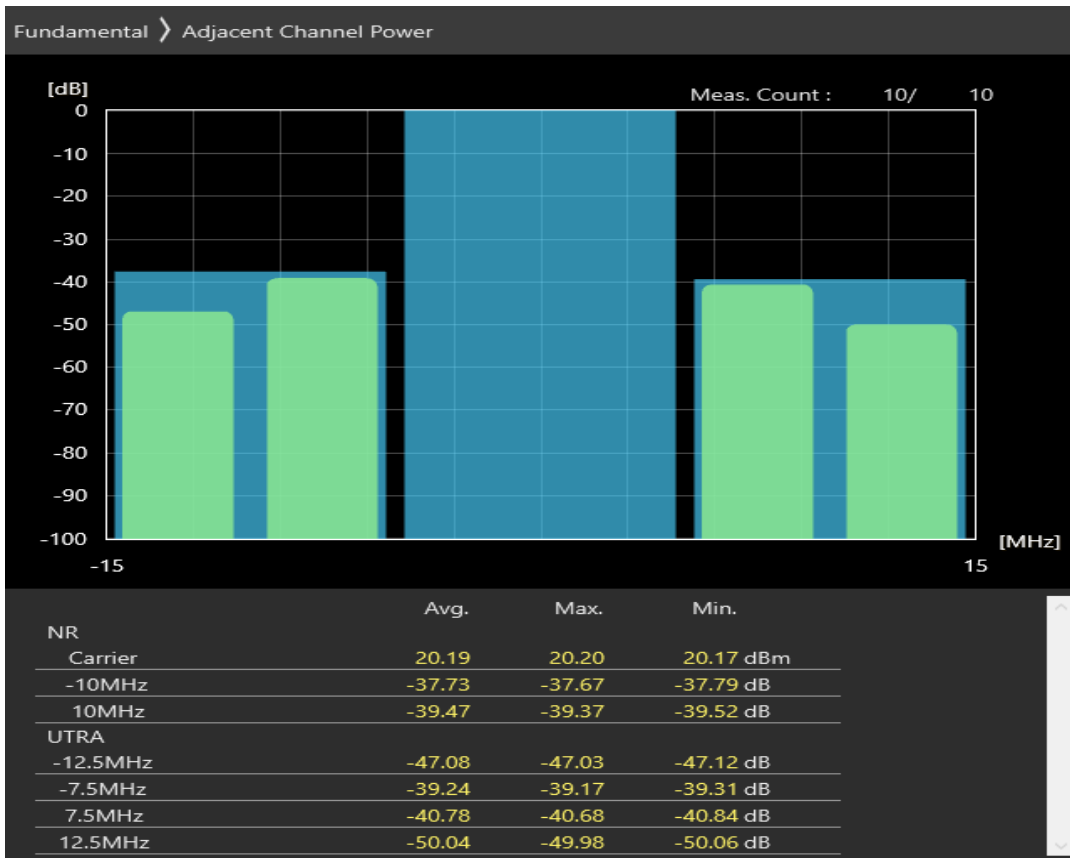
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n3 SCS=30kHz CP_QPSK BW=10MHz Channel=356000 RB=1@23



n3 SCS=30kHz CP_QPSK BW=10MHz Channel=356000 RB=24@0



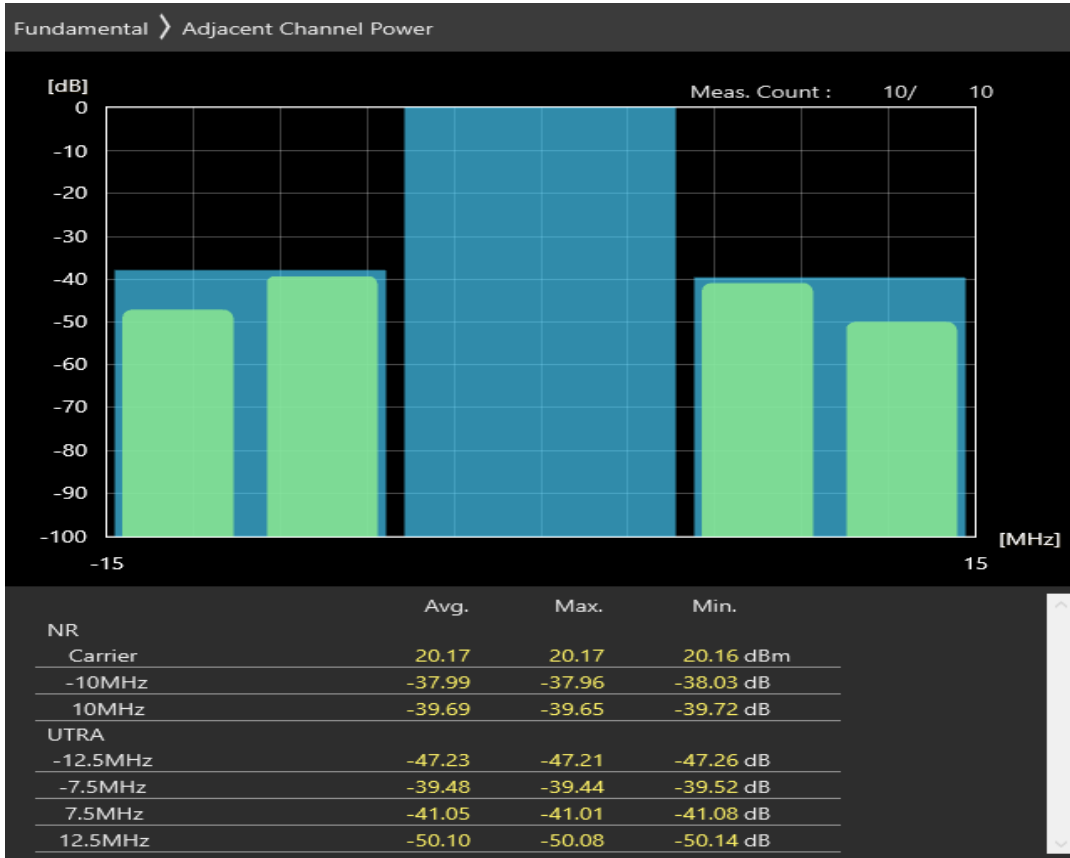
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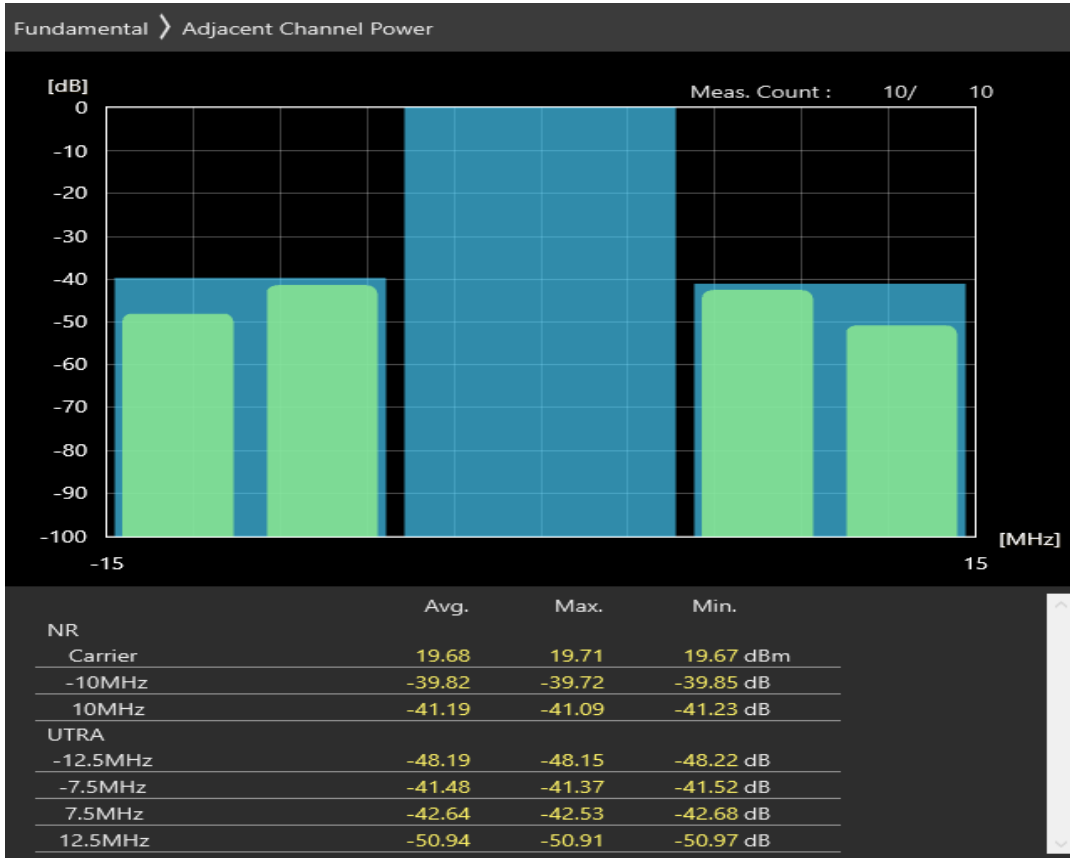
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n3 SCS=30kHz CP_QAM64 BW=10MHz Channel=356000 RB=1@23



n3 SCS=30kHz CP_QAM64 BW=10MHz Channel=356000 RB=24@0



n3 SCS=30kHz CP_QAM256 BW=10MHz Channel=356000 RB=1@23



n3 SCS=30kHz CP_QAM256 BW=10MHz Channel=356000 RB=24@0



n3 SCS=30kHz DFT_BPSK BW=30MHz Channel=345000 RB=36@18



n3 SCS=30kHz DFT_BPSK BW=30MHz Channel=345000 RB=1@0



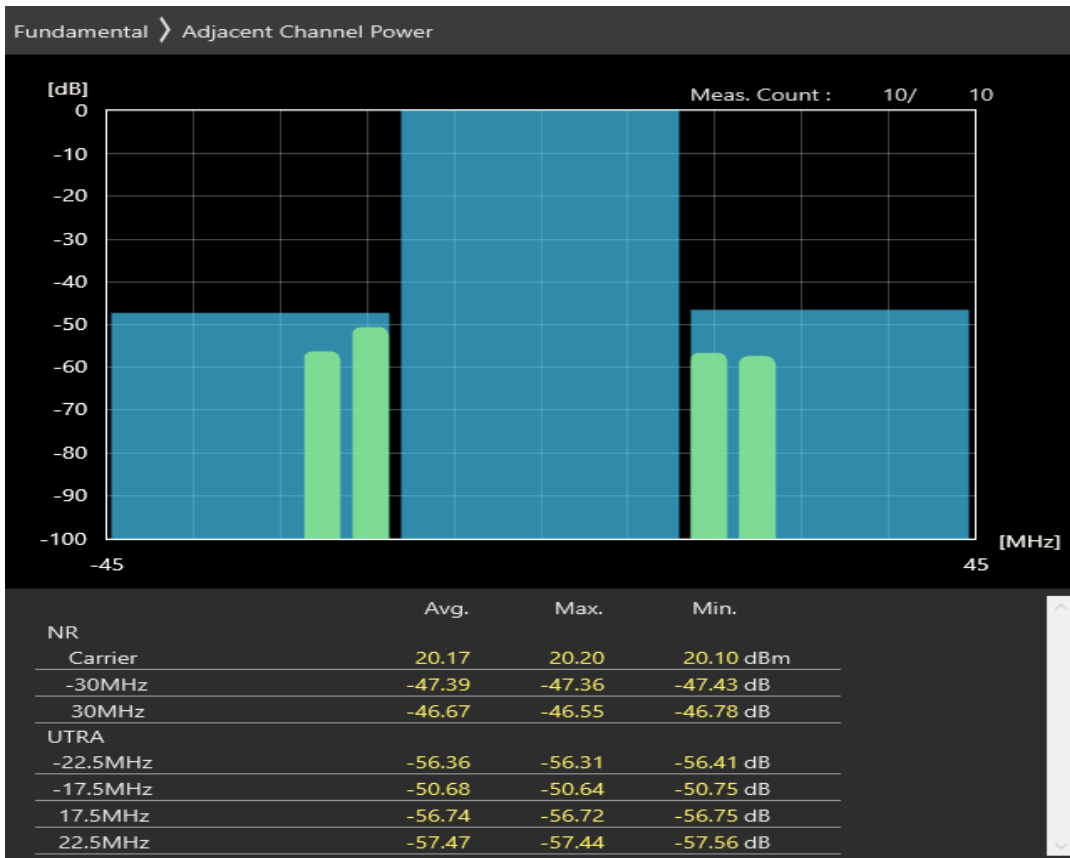
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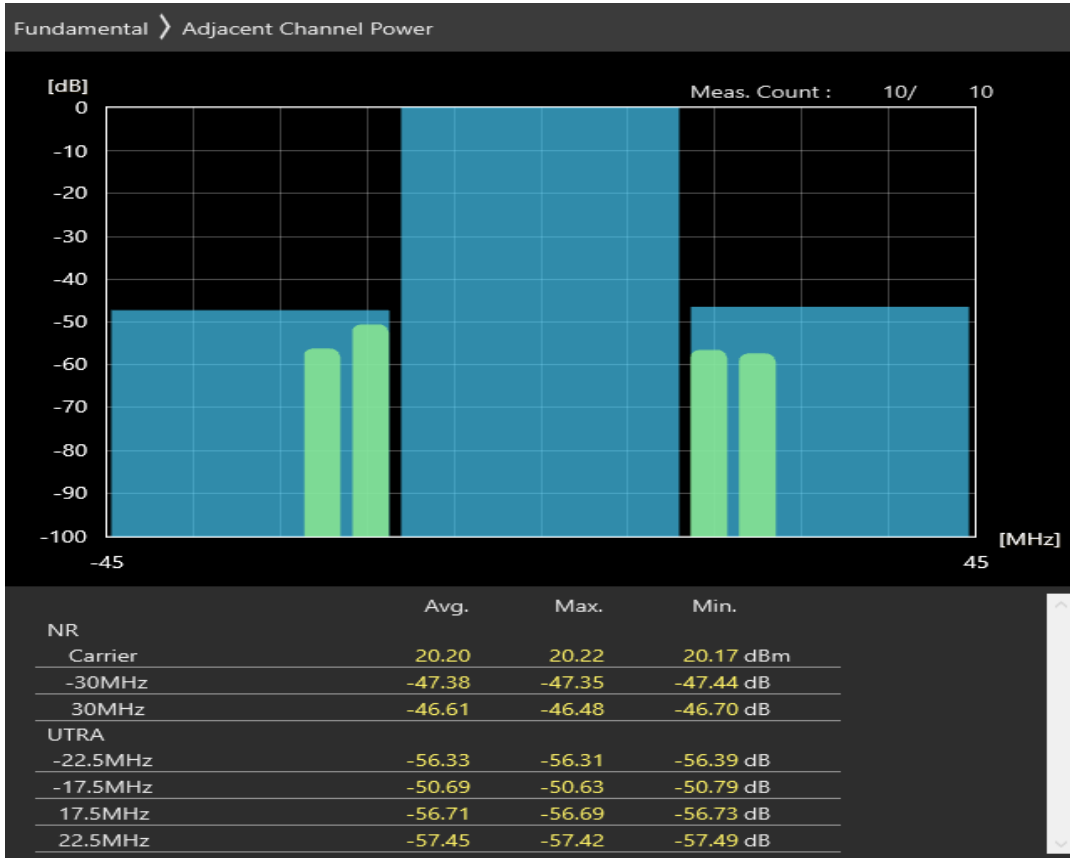
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n3 SCS=30kHz DFT_QAM16 BW=30MHz Channel=345000 RB=36@18



n3 SCS=30kHz DFT_QAM16 BW=30MHz Channel=345000 RB=1@0



n3 SCS=30kHz DFT_QAM16 BW=30MHz Channel=345000 RB=75@0



n3 SCS=30kHz DFT_QAM64 BW=30MHz Channel=345000 RB=1@0



n3 SCS=30kHz DFT_QAM64 BW=30MHz Channel=345000 RB=75@0



n3 SCS=30kHz DFT_QAM256 BW=30MHz Channel=345000 RB=1@0



n3 SCS=30kHz DFT_QAM256 BW=30MHz Channel=345000 RB=75@0



n3 SCS=30kHz CP_QPSK BW=30MHz Channel=345000 RB=39@19



n3 SCS=30kHz CP_QPSK BW=30MHz Channel=345000 RB=1@0



n3 SCS=30kHz CP_QPSK BW=30MHz Channel=345000 RB=78@0



n3 SCS=30kHz CP_QAM16 BW=30MHz Channel=345000 RB=39@19



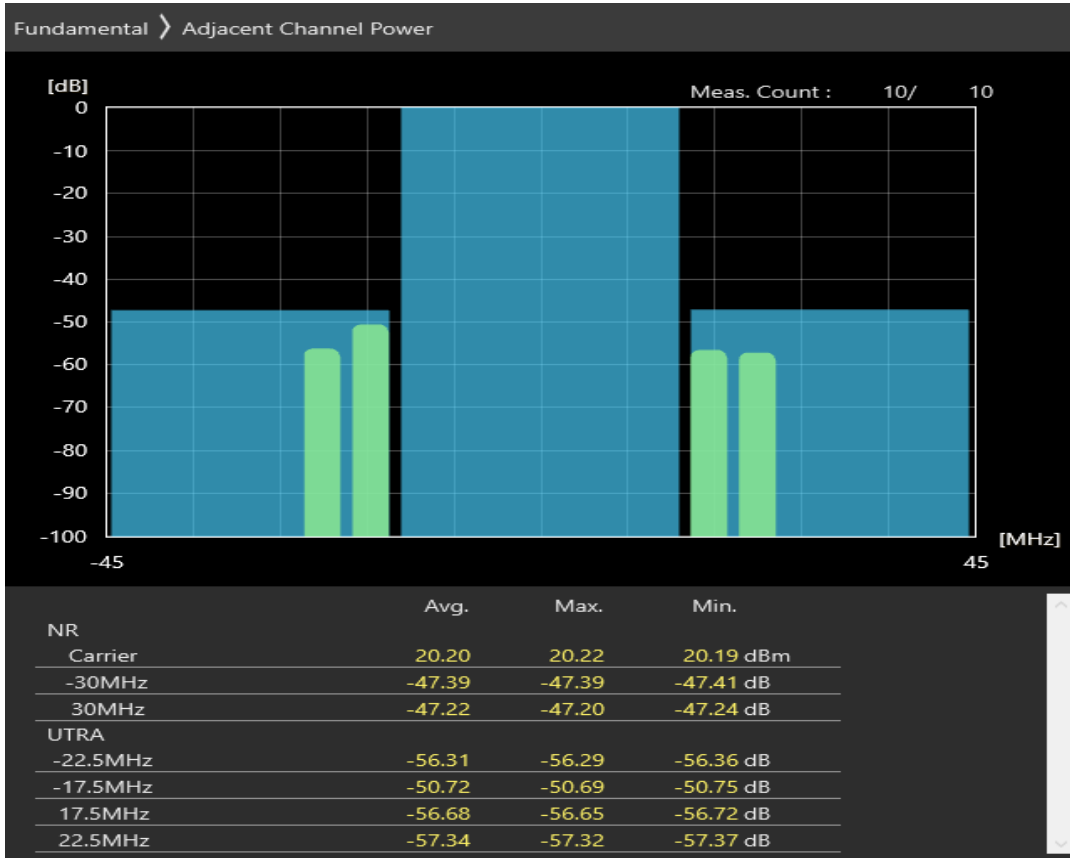
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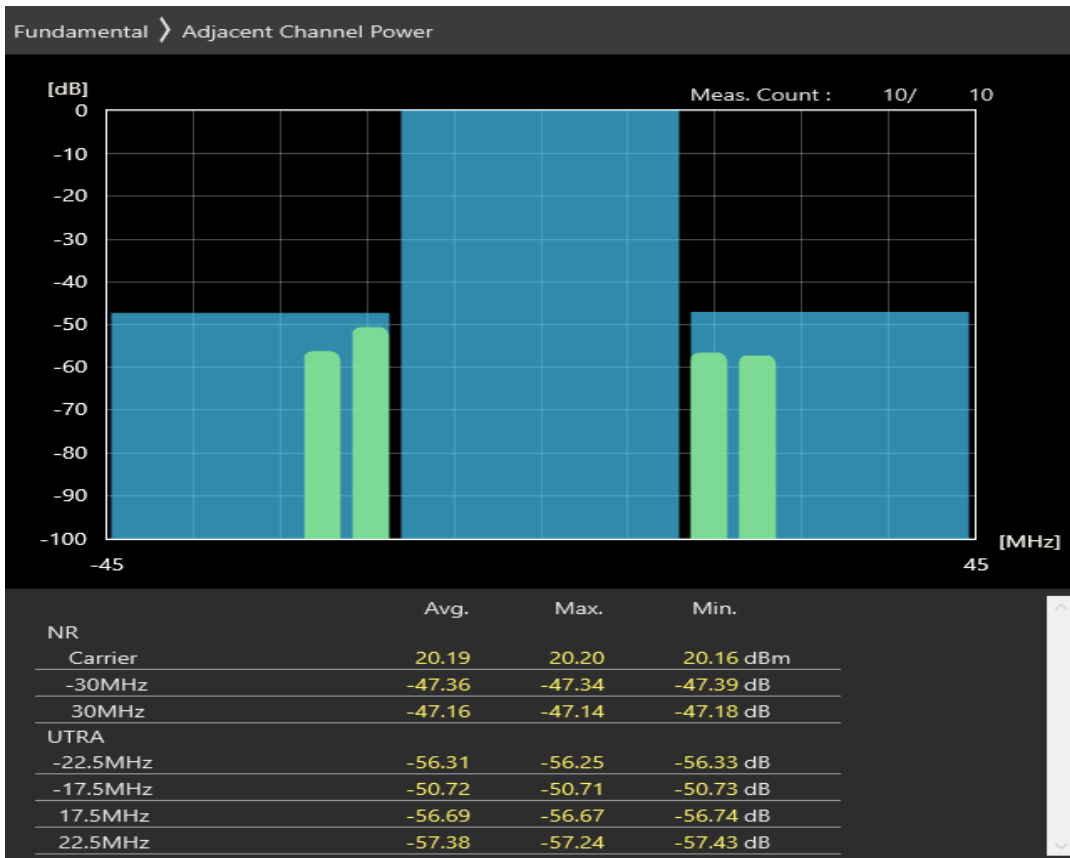
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n3 SCS=30kHz CP_QAM64 BW=30MHz Channel=345000 RB=78@0



n3 SCS=30kHz CP_QAM256 BW=30MHz Channel=345000 RB=1@0



n3 SCS=30kHz CP_QAM256 BW=30MHz Channel=345000 RB=78@0



n3 SCS=30kHz DFT_BPSK BW=30MHz Channel=354000 RB=36@18



n3 SCS=30kHz DFT_BPSK BW=30MHz Channel=354000 RB=1@77



n3 SCS=30kHz DFT_BPSK BW=30MHz Channel=354000 RB=75@0



n3 SCS=30kHz DFT_QPSK BW=30MHz Channel=354000 RB=36@18



n3 SCS=30kHz DFT_QPSK BW=30MHz Channel=354000 RB=1@77



n3 SCS=30kHz DFT_QPSK BW=30MHz Channel=354000 RB=75@0



n3 SCS=30kHz DFT_QAM16 BW=30MHz Channel=354000 RB=36@18



n3 SCS=30kHz DFT_QAM16 BW=30MHz Channel=354000 RB=1@77



n3 SCS=30kHz DFT_QAM16 BW=30MHz Channel=354000 RB=75@0



n3 SCS=30kHz DFT_QAM64 BW=30MHz Channel=354000 RB=1@77



n3 SCS=30kHz DFT_QAM64 BW=30MHz Channel=354000 RB=75@0



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n3 SCS=30kHz DFT_QAM256 BW=30MHz Channel=354000 RB=75@0



n3 SCS=30kHz CP_QPSK BW=30MHz Channel=354000 RB=39@19



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n3 SCS=30kHz CP_QPSK BW=30MHz Channel=354000 RB=78@0



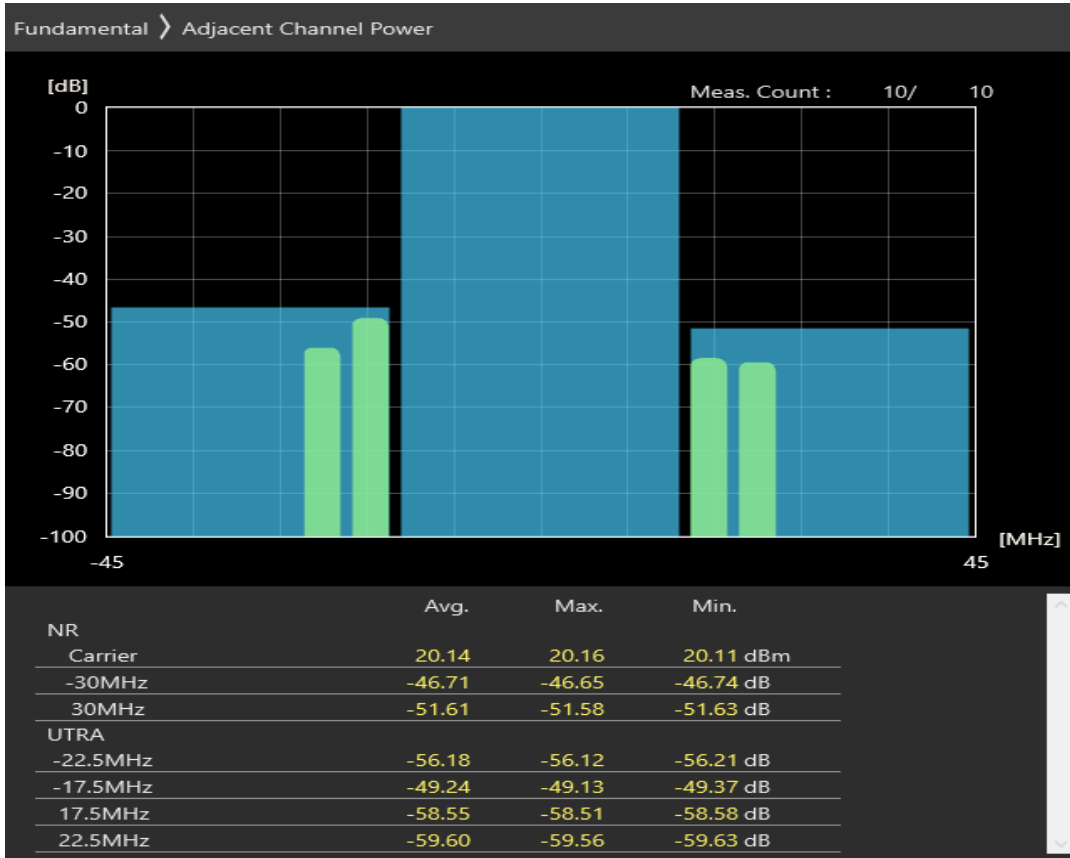
n3 SCS=30kHz CP_QAM16 BW=30MHz Channel=354000 RB=39@19



n3 SCS=30kHz CP_QAM16 BW=30MHz Channel=354000 RB=1@77



n3 SCS=30kHz CP_QAM16 BW=30MHz Channel=354000 RB=78@0



n3 SCS=30kHz CP_QAM64 BW=30MHz Channel=354000 RB=1@77



n3 SCS=30kHz CP_QAM64 BW=30MHz Channel=354000 RB=78@0



n3 SCS=30kHz CP_QAM256 BW=30MHz Channel=354000 RB=1@77



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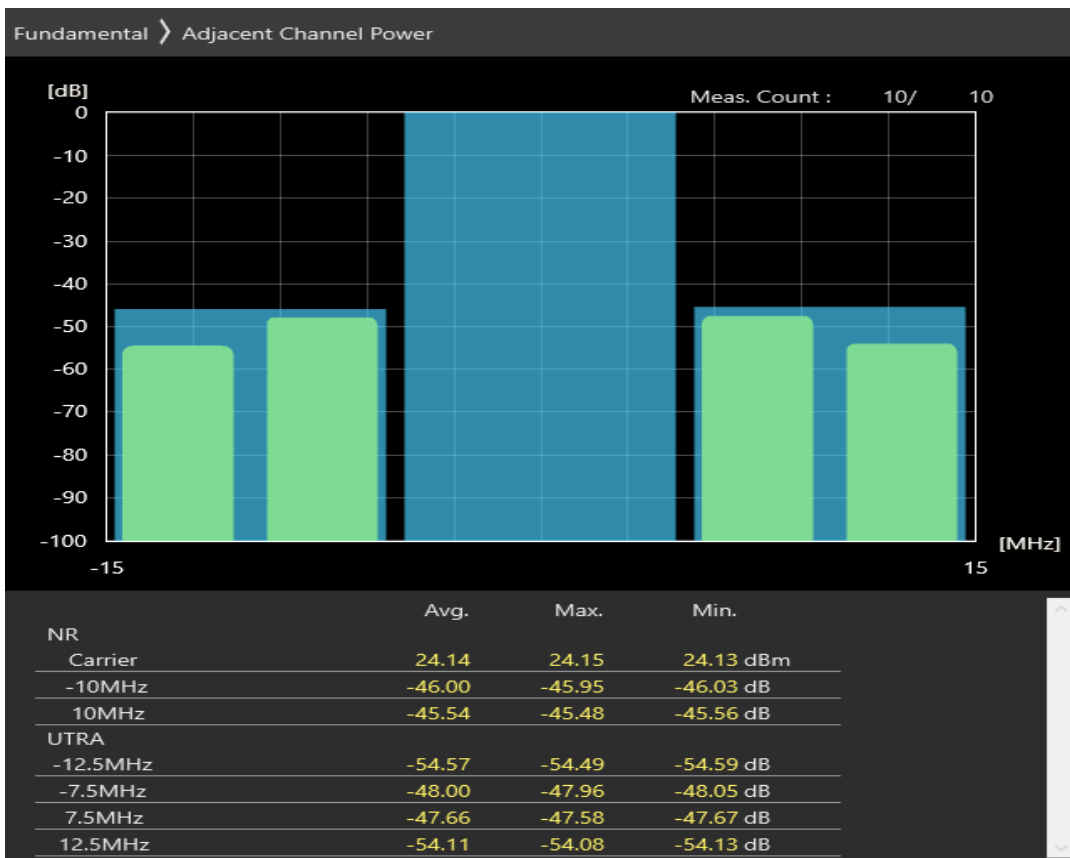
n38 SCS=30kHz DFT_BPSK BW=10MHz Channel=515000 RB=12@6



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n38 SCS=30kHz DFT_BPSK BW=10MHz Channel=515000 RB=24@0



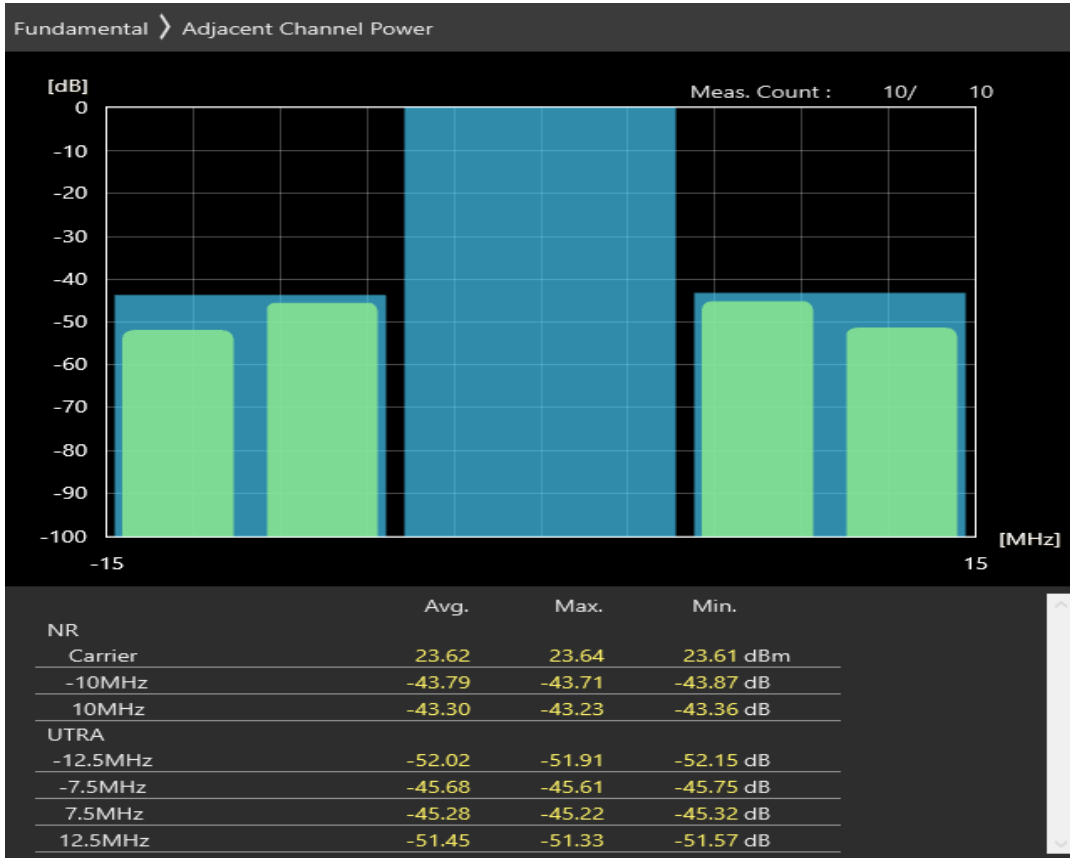
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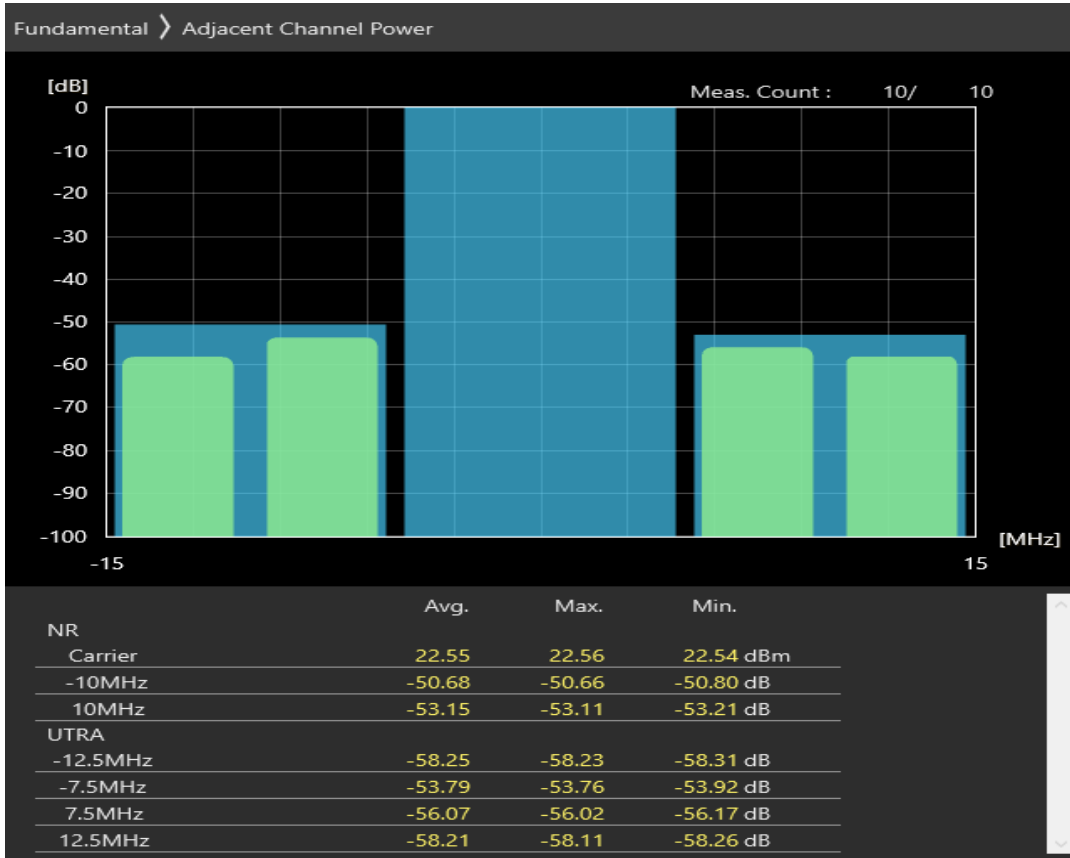
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n38 SCS=30kHz DFT_QAM16 BW=10MHz Channel=515000 RB=12@6



n38 SCS=30kHz DFT_QAM16 BW=10MHz Channel=515000 RB=1@0



n38 SCS=30kHz DFT_QAM16 BW=10MHz Channel=515000 RB=24@0



n38 SCS=30kHz DFT_QAM64 BW=10MHz Channel=515000 RB=1@0



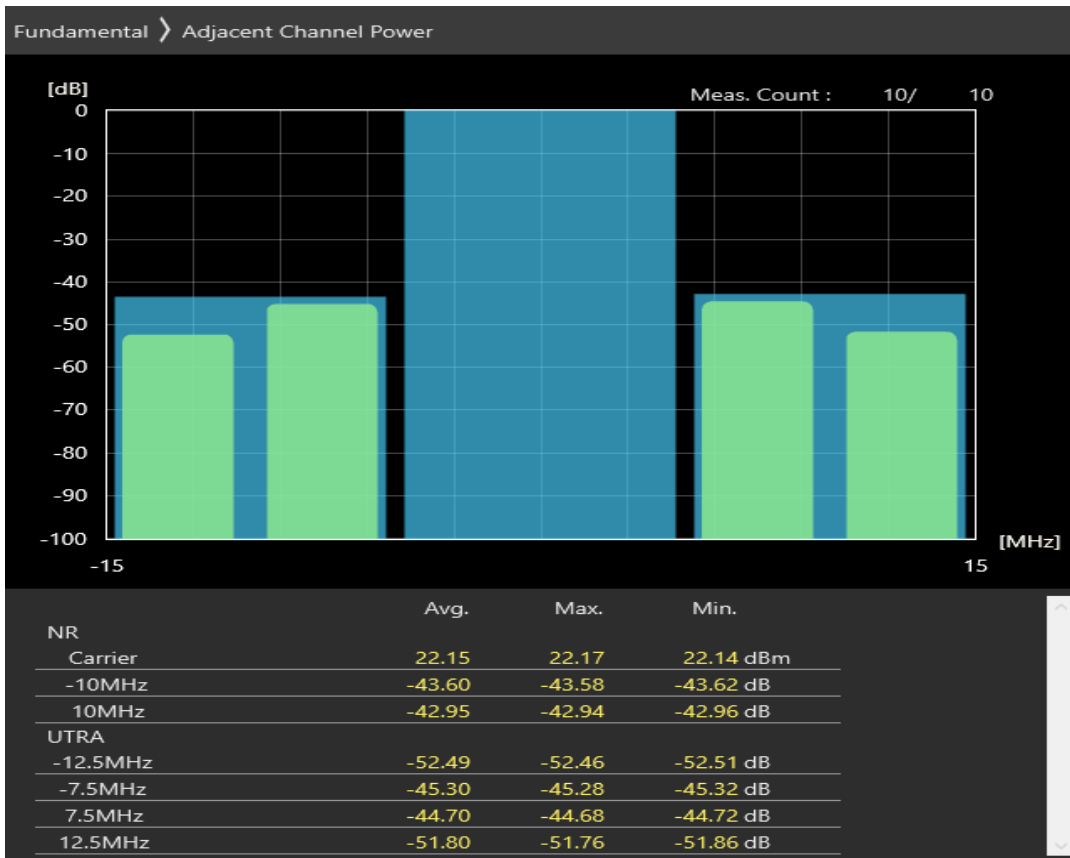
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n38 SCS=30kHz DFT_QAM256 BW=10MHz Channel=515000 RB=1@0



n38 SCS=30kHz DFT_QAM256 BW=10MHz Channel=515000 RB=24@0



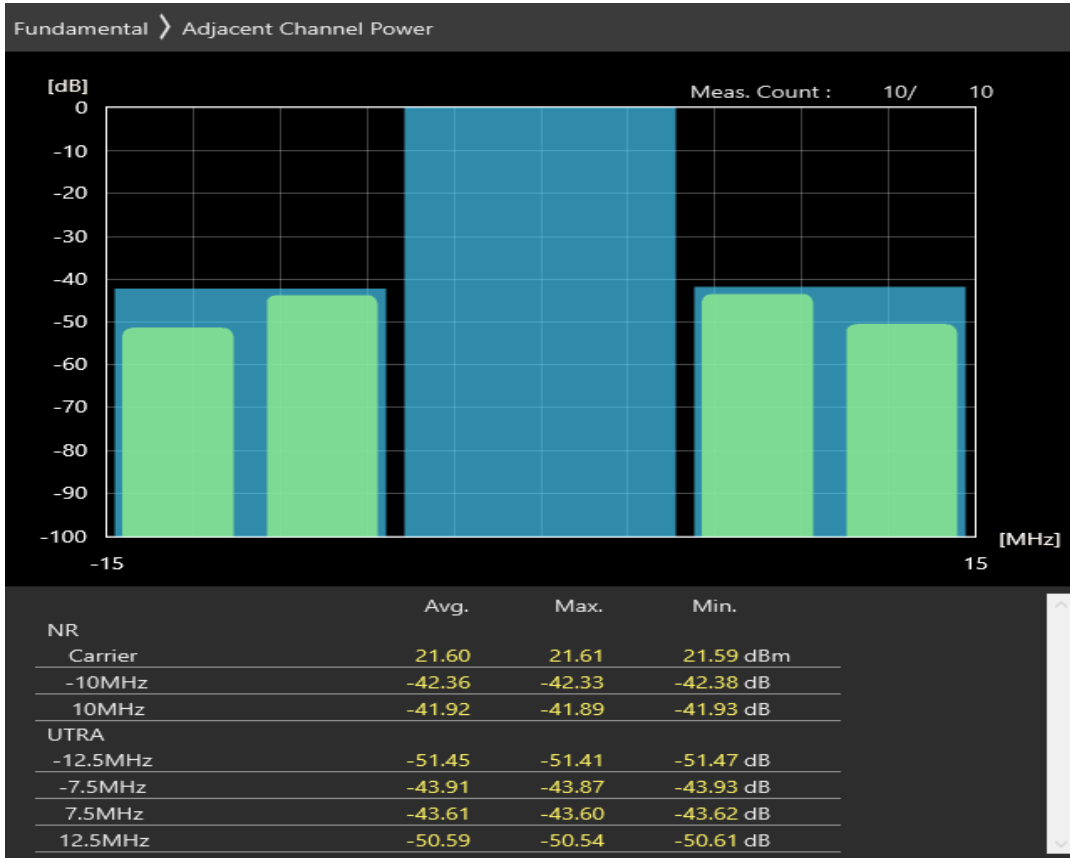
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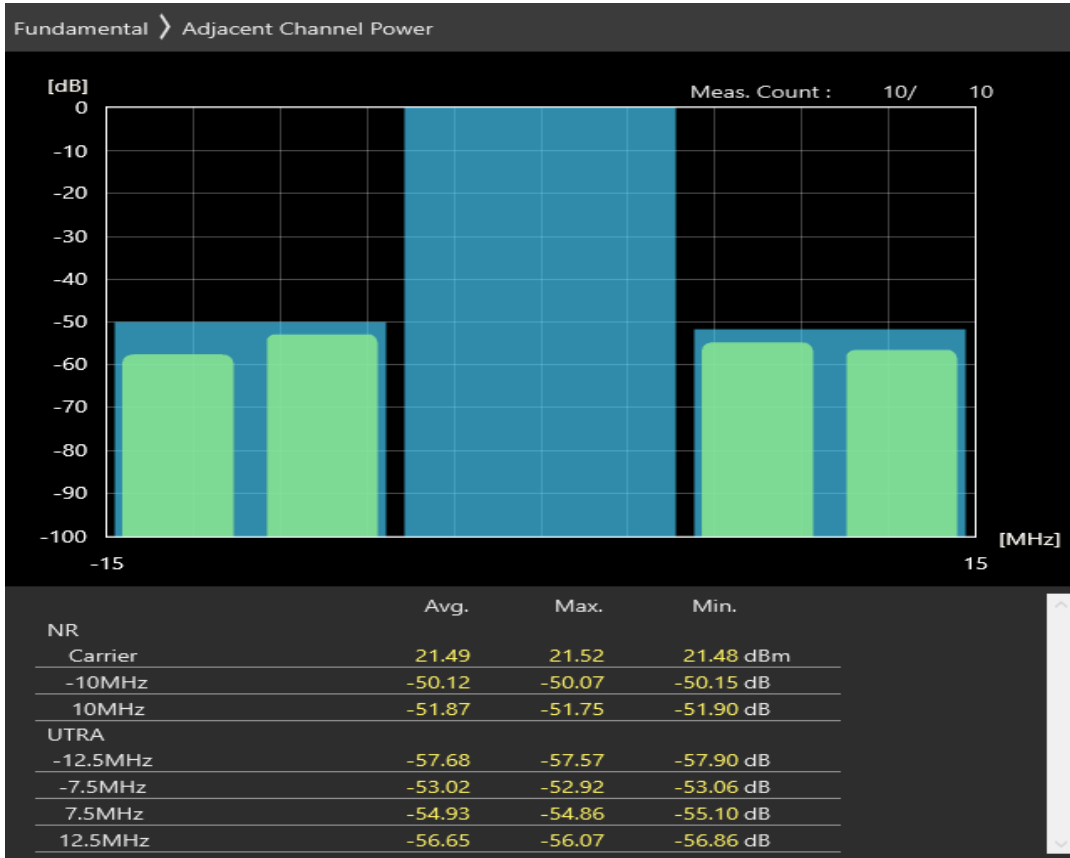
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n38 SCS=30kHz CP_QAM16 BW=10MHz Channel=515000 RB=12@6



n38 SCS=30kHz CP_QAM16 BW=10MHz Channel=515000 RB=1@0



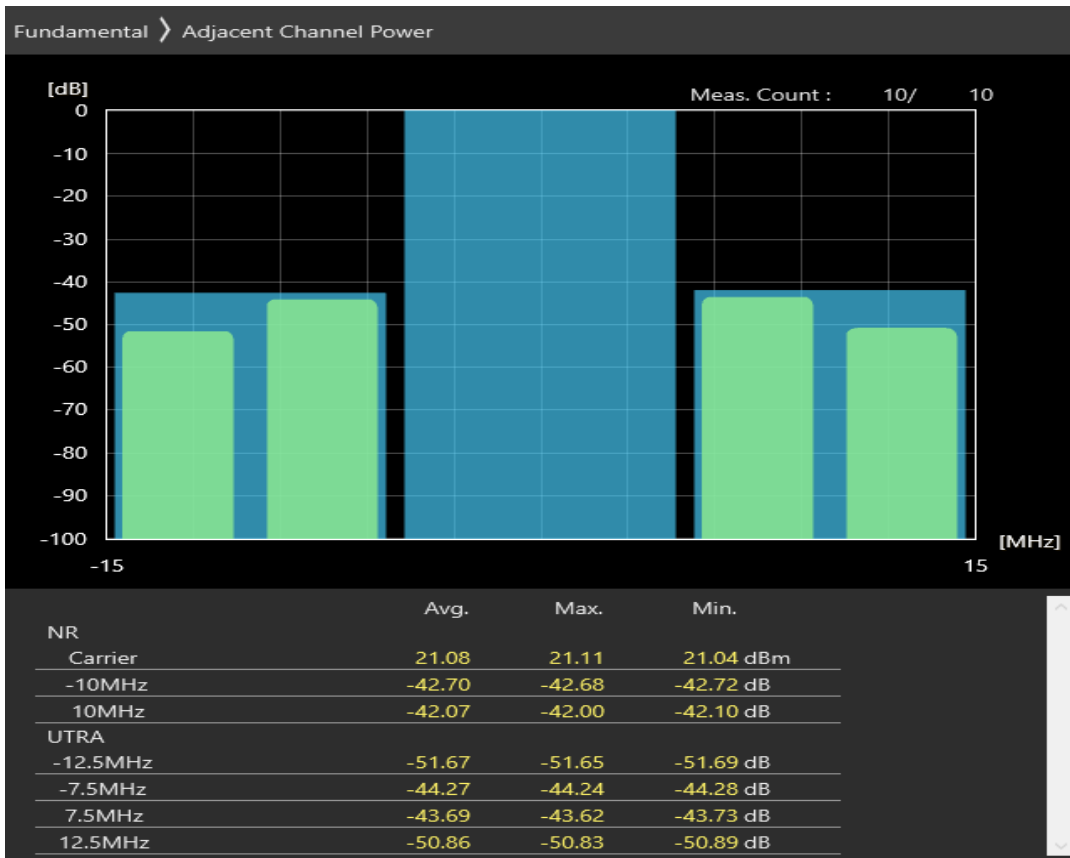
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n38 SCS=30kHz CP_QAM64 BW=10MHz Channel=515000 RB=1@0



n38 SCS=30kHz CP_QAM64 BW=10MHz Channel=515000 RB=24@0



n38 SCS=30kHz CP_QAM256 BW=10MHz Channel=515000 RB=1@0



n38 SCS=30kHz CP_QAM256 BW=10MHz Channel=515000 RB=24@0



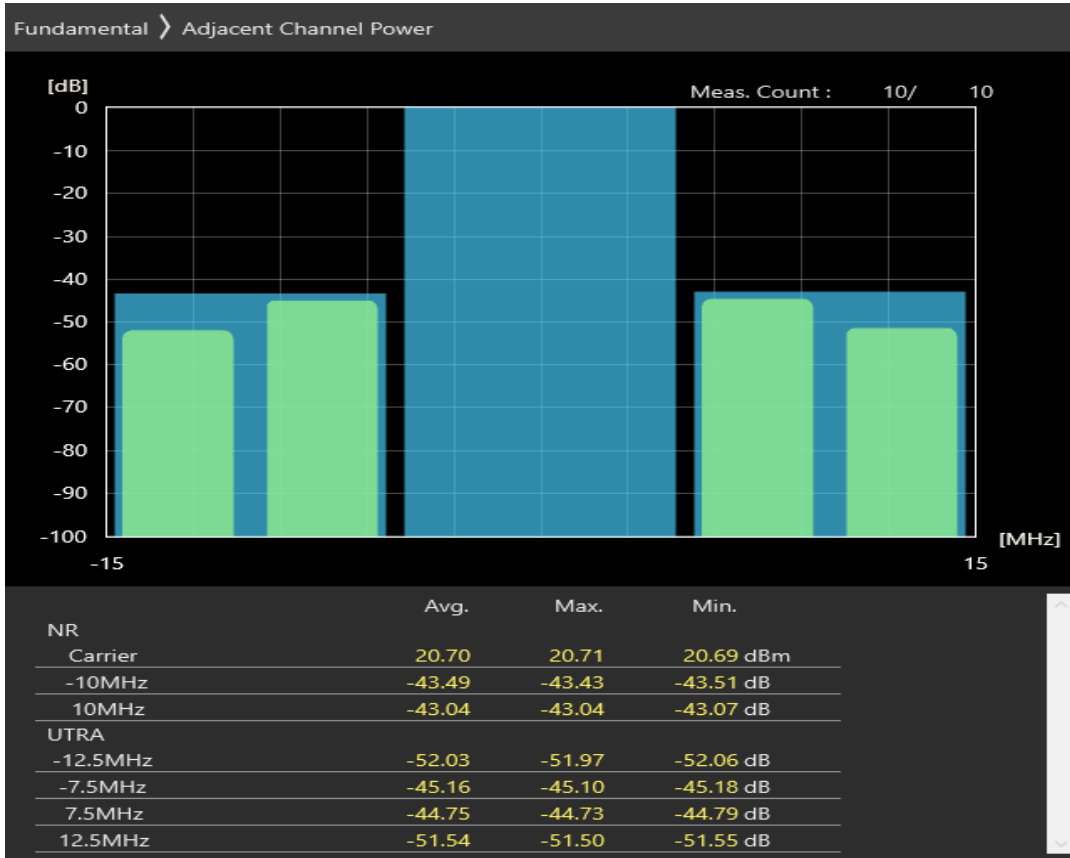
n38 SCS=30kHz DFT_BPSK BW=10MHz Channel=523000 RB=12@6



n38 SCS=30kHz DFT_BPSK BW=10MHz Channel=523000 RB=1@23



n38 SCS=30kHz DFT_BPSK BW=10MHz Channel=523000 RB=24@0



n38 SCS=30kHz DFT_QPSK BW=10MHz Channel=523000 RB=12@6



n38 SCS=30kHz DFT_QPSK BW=10MHz Channel=523000 RB=1@23



n38 SCS=30kHz DFT_QPSK BW=10MHz Channel=523000 RB=24@0



n38 SCS=30kHz DFT_QAM16 BW=10MHz Channel=523000 RB=12@6



n38 SCS=30kHz DFT_QAM16 BW=10MHz Channel=523000 RB=1@23



n38 SCS=30kHz DFT_QAM16 BW=10MHz Channel=523000 RB=24@0



n38 SCS=30kHz DFT_QAM64 BW=10MHz Channel=523000 RB=1@23



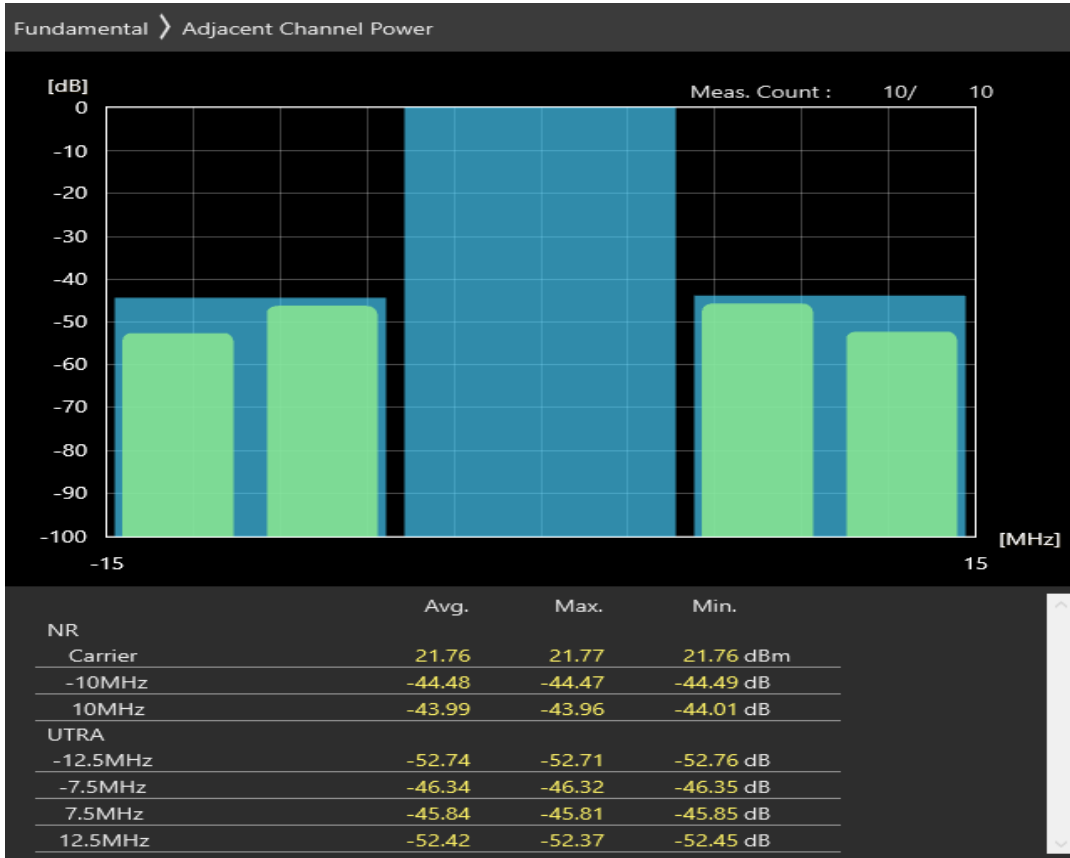
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n38 SCS=30kHz DFT_QAM256 BW=10MHz Channel=523000 RB=1@23



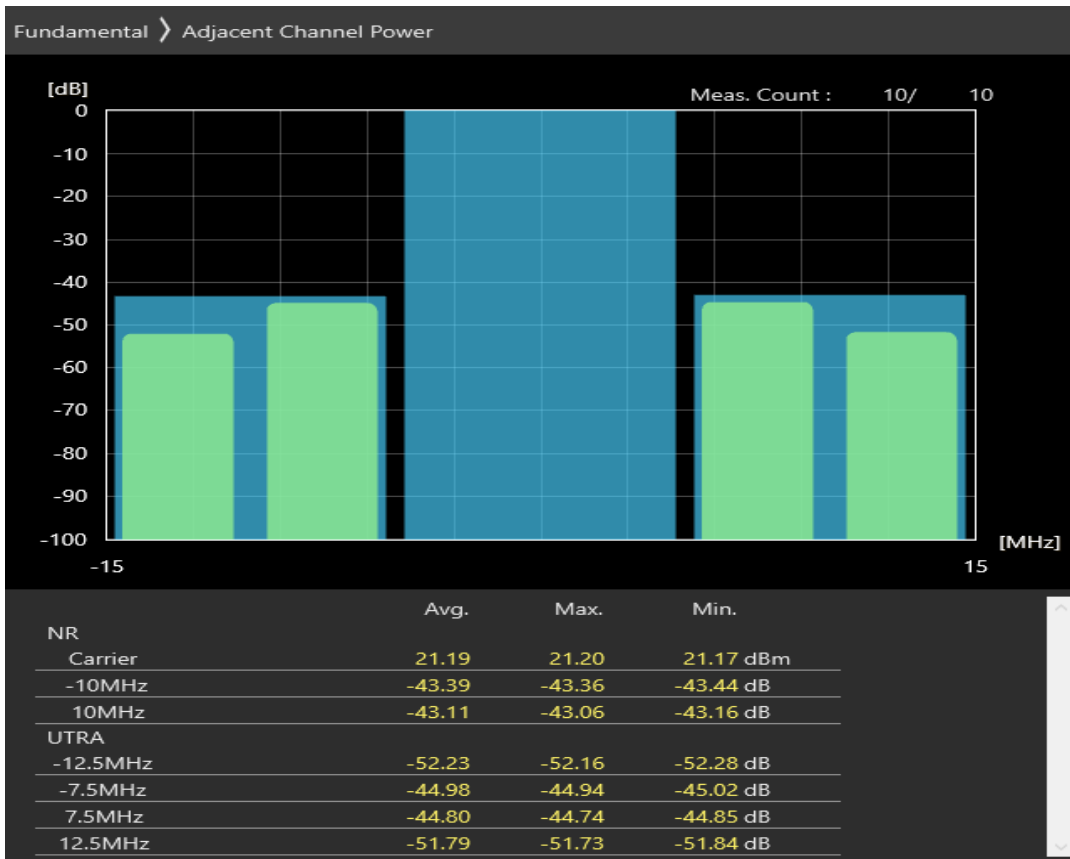
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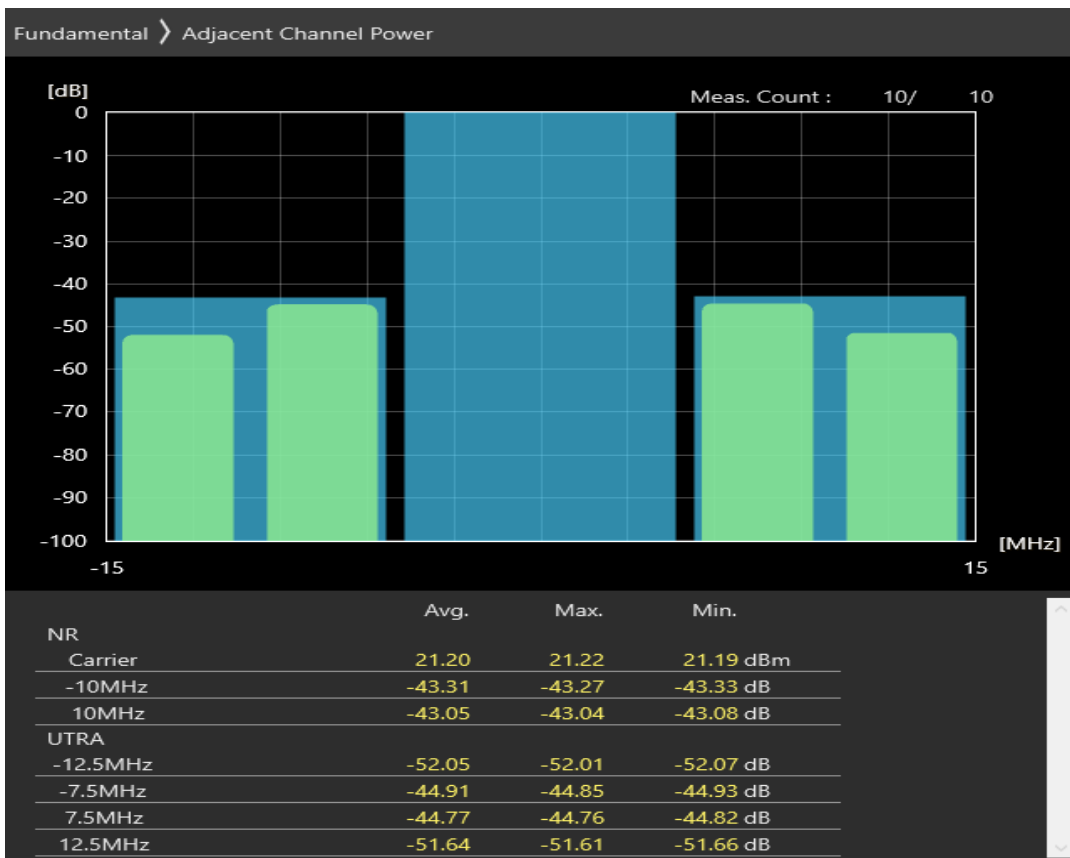
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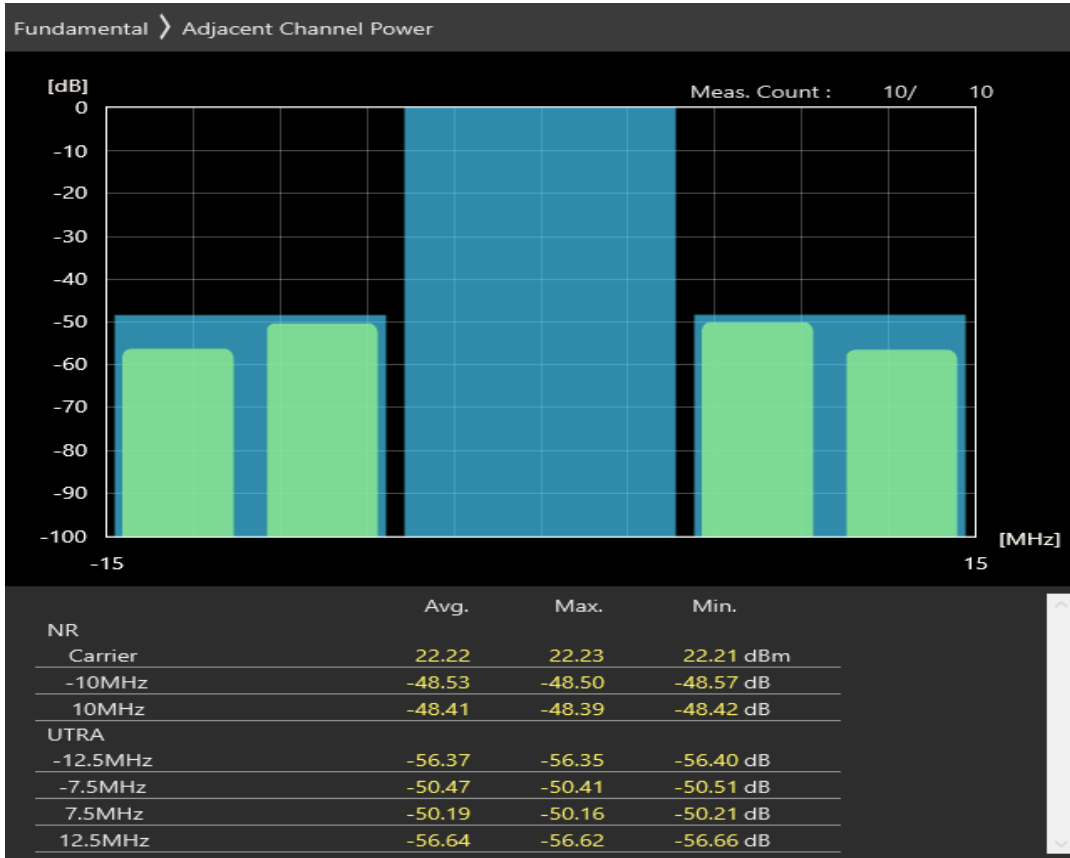
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n38 SCS=30kHz CP_QPSK BW=10MHz Channel=523000 RB=24@0



n38 SCS=30kHz CP_QAM16 BW=10MHz Channel=523000 RB=12@6



n38 SCS=30kHz CP_QAM16 BW=10MHz Channel=523000 RB=1@23



n38 SCS=30kHz CP_QAM16 BW=10MHz Channel=523000 RB=24@0



n38 SCS=30kHz CP_QAM64 BW=10MHz Channel=523000 RB=1 @23



n38 SCS=30kHz CP_QAM64 BW=10MHz Channel=523000 RB=24 @0



n38 SCS=30kHz CP_QAM256 BW=10MHz Channel=523000 RB=1@23



n38 SCS=30kHz CP_QAM256 BW=10MHz Channel=523000 RB=24@0



n38 SCS=30kHz DFT_BPSK BW=20MHz Channel=516000 RB=25@12



n38 SCS=30kHz DFT_BPSK BW=20MHz Channel=516000 RB=1@0



n38 SCS=30kHz DFT_BPSK BW=20MHz Channel=516000 RB=50@0



n38 SCS=30kHz DFT_QPSK BW=20MHz Channel=516000 RB=25@12



n38 SCS=30kHz DFT_QPSK BW=20MHz Channel=516000 RB=1@0



n38 SCS=30kHz DFT_QPSK BW=20MHz Channel=516000 RB=50@0



n38 SCS=30kHz DFT_QAM16 BW=20MHz Channel=516000 RB=25@12



n38 SCS=30kHz DFT_QAM16 BW=20MHz Channel=516000 RB=1@0



n38 SCS=30kHz DFT_QAM16 BW=20MHz Channel=516000 RB=50@0



n38 SCS=30kHz DFT_QAM64 BW=20MHz Channel=516000 RB=1@0



n38 SCS=30kHz DFT_QAM64 BW=20MHz Channel=516000 RB=50@0



n38 SCS=30kHz DFT_QAM256 BW=20MHz Channel=516000 RB=1@0



n38 SCS=30kHz DFT_QAM256 BW=20MHz Channel=516000 RB=50@0



n38 SCS=30kHz CP_QPSK BW=20MHz Channel=516000 RB=25@12



n38 SCS=30kHz CP_QPSK BW=20MHz Channel=516000 RB=1@0



n38 SCS=30kHz CP_QPSK BW=20MHz Channel=516000 RB=51@0



n38 SCS=30kHz CP_QAM16 BW=20MHz Channel=516000 RB=25@12



n38 SCS=30kHz CP_QAM16 BW=20MHz Channel=516000 RB=1@0



n38 SCS=30kHz CP_QAM16 BW=20MHz Channel=516000 RB=51@0



n38 SCS=30kHz CP_QAM64 BW=20MHz Channel=516000 RB=1@0



n38 SCS=30kHz CP_QAM64 BW=20MHz Channel=516000 RB=51@0



n38 SCS=30kHz CP_QAM256 BW=20MHz Channel=516000 RB=1@0



n38 SCS=30kHz CP_QAM256 BW=20MHz Channel=516000 RB=51@0



n38 SCS=30kHz DFT_BPSK BW=20MHz Channel=522000 RB=25@12



n38 SCS=30kHz DFT_BPSK BW=20MHz Channel=522000 RB=1@50



n38 SCS=30kHz DFT_BPSK BW=20MHz Channel=522000 RB=50@0



n38 SCS=30kHz DFT_QPSK BW=20MHz Channel=522000 RB=25@12



n38 SCS=30kHz DFT_QPSK BW=20MHz Channel=522000 RB=1@50



n38 SCS=30kHz DFT_QPSK BW=20MHz Channel=522000 RB=50@0



n38 SCS=30kHz DFT_QAM16 BW=20MHz Channel=522000 RB=25@12



n38 SCS=30kHz DFT_QAM16 BW=20MHz Channel=522000 RB=1@50



n38 SCS=30kHz DFT_QAM16 BW=20MHz Channel=522000 RB=50@0



n38 SCS=30kHz DFT_QAM64 BW=20MHz Channel=522000 RB=1@50



n38 SCS=30kHz DFT_QAM64 BW=20MHz Channel=522000 RB=50@0



n38 SCS=30kHz DFT_QAM256 BW=20MHz Channel=522000 RB=1@50



n38 SCS=30kHz DFT_QAM256 BW=20MHz Channel=522000 RB=50@0



n38 SCS=30kHz CP_QPSK BW=20MHz Channel=522000 RB=25@12



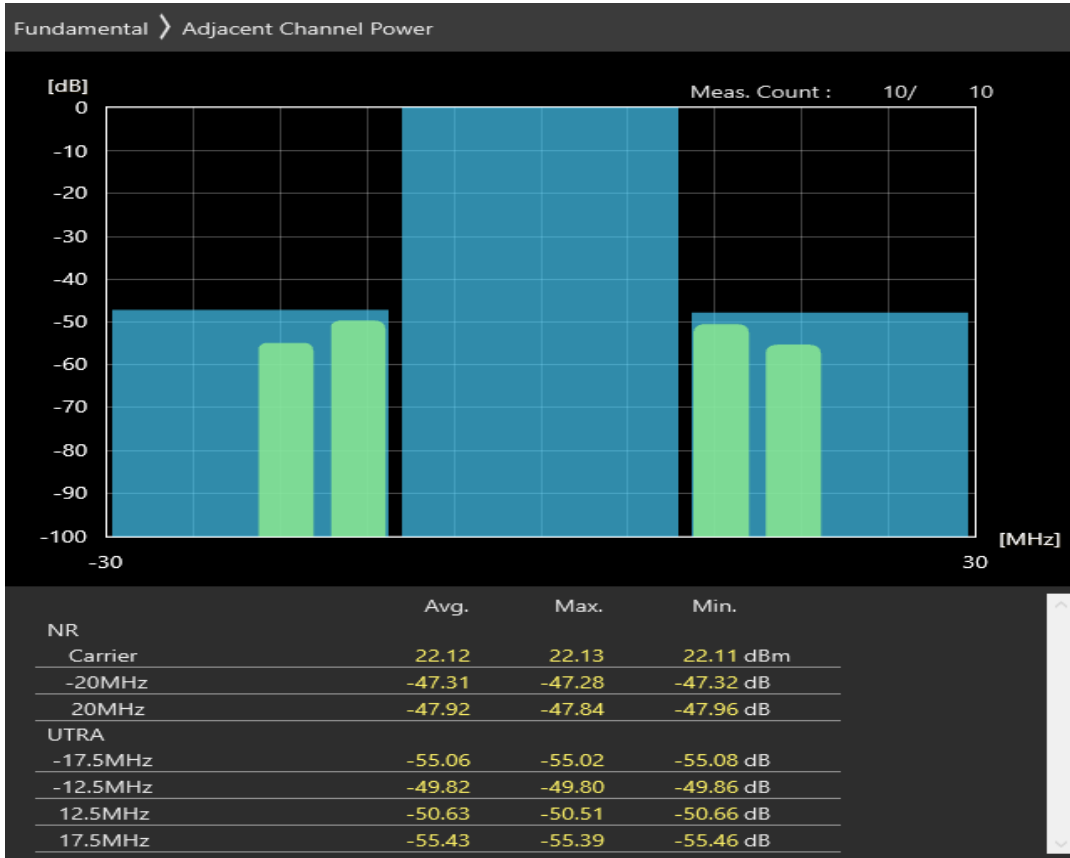
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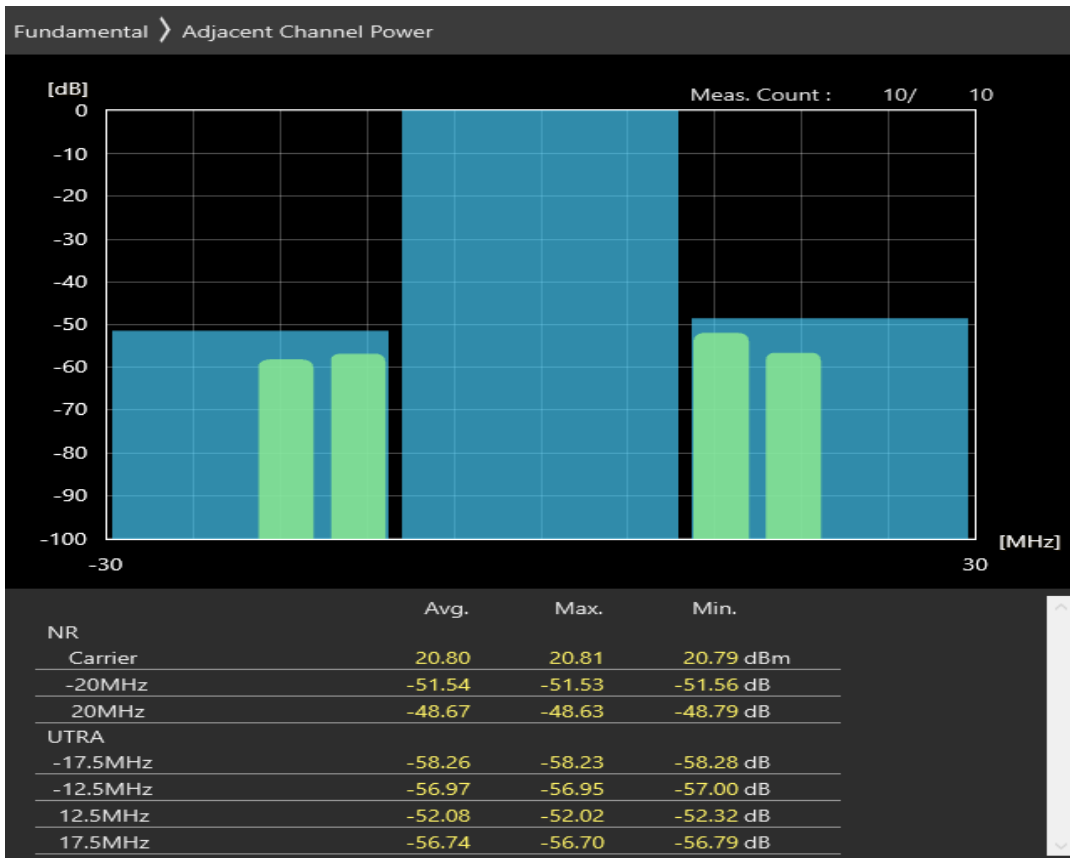
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n38 SCS=30kHz CP_QAM16 BW=20MHz Channel=522000 RB=51 @0



n38 SCS=30kHz CP_QAM64 BW=20MHz Channel=522000 RB=1 @50



n38 SCS=30kHz CP_QAM64 BW=20MHz Channel=522000 RB=51 @0



n38 SCS=30kHz CP_QAM256 BW=20MHz Channel=522000 RB=1@50



n38 SCS=30kHz CP_QAM256 BW=20MHz Channel=522000 RB=51@0



n77 SCS=30kHz DFT_BPSK BW=10MHz Channel=620334 RB=12@6



n77 SCS=30kHz DFT_BPSK BW=10MHz Channel=620334 RB=1@0



n77 SCS=30kHz DFT_BPSK BW=10MHz Channel=620334 RB=24@0



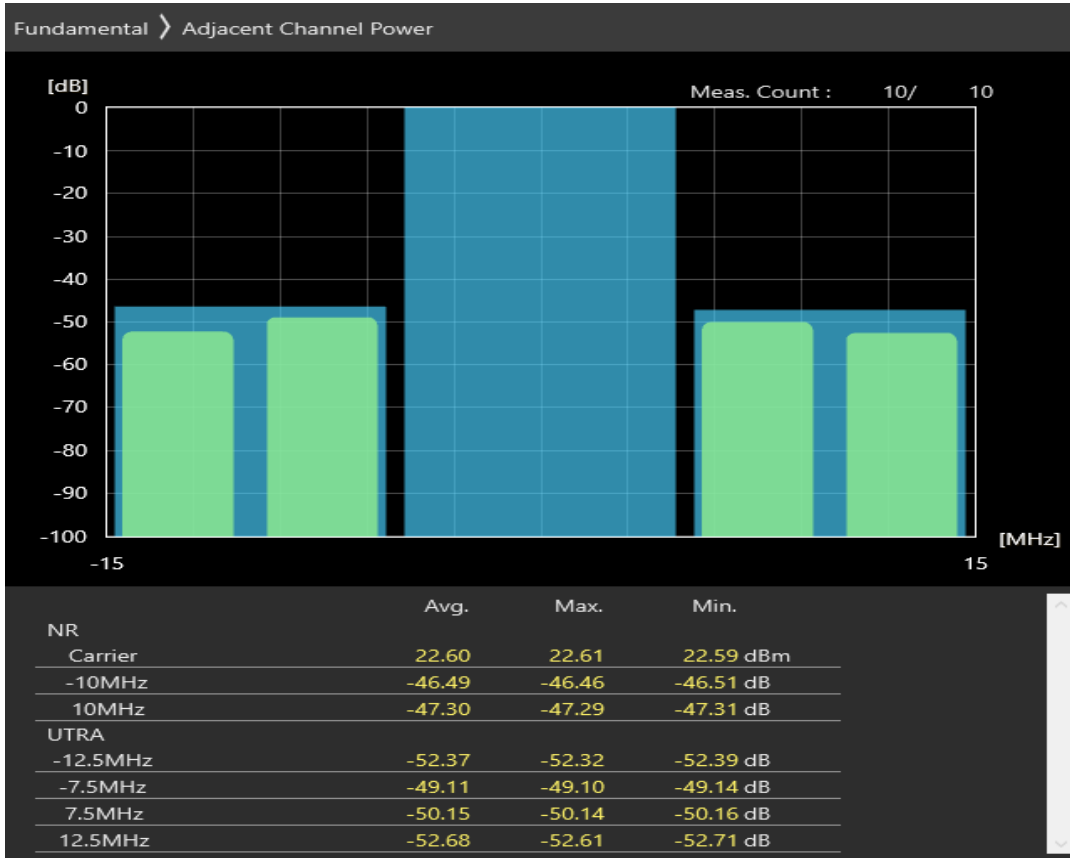
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n77 SCS=30kHz DFT_QPSK BW=10MHz Channel=620334 RB=1@0



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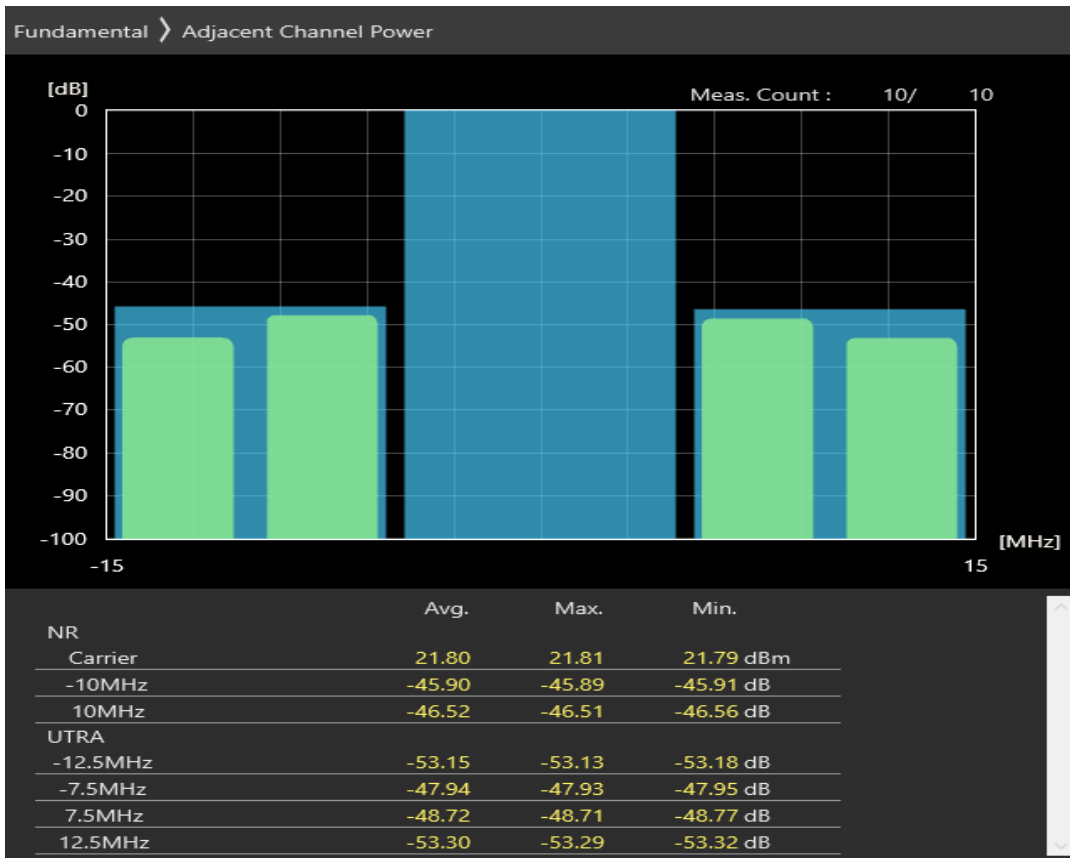
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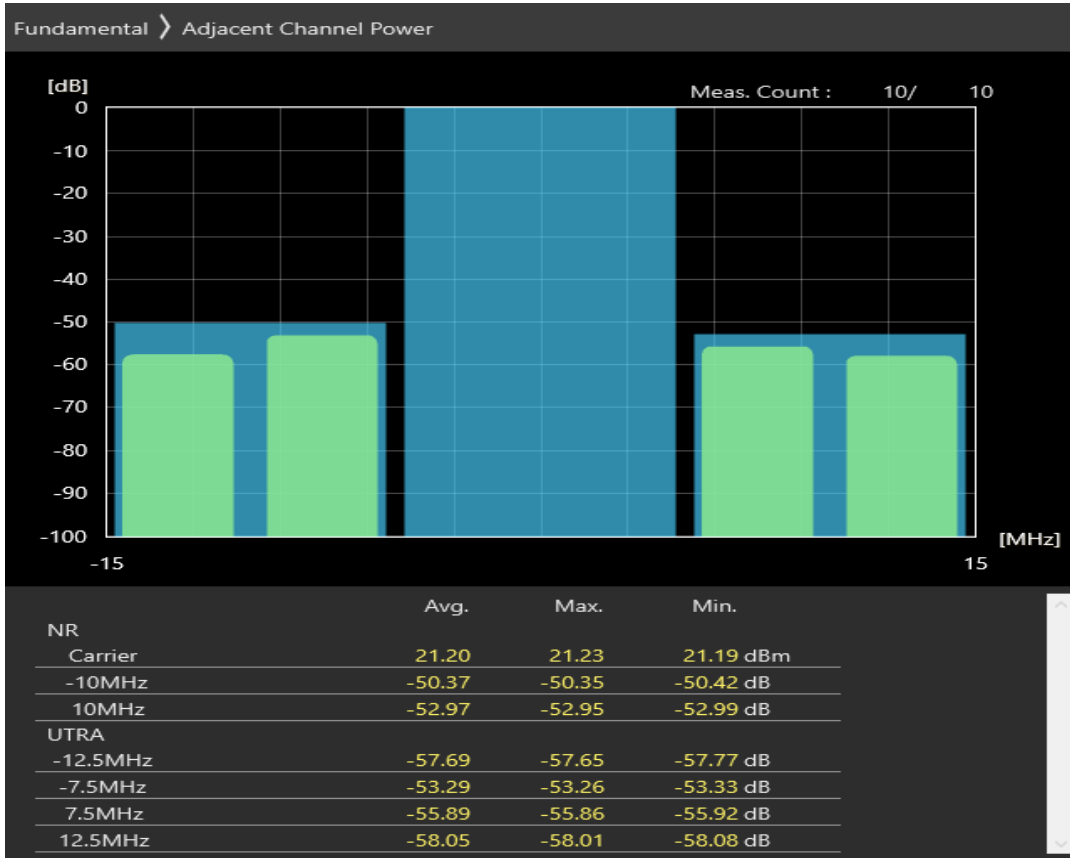
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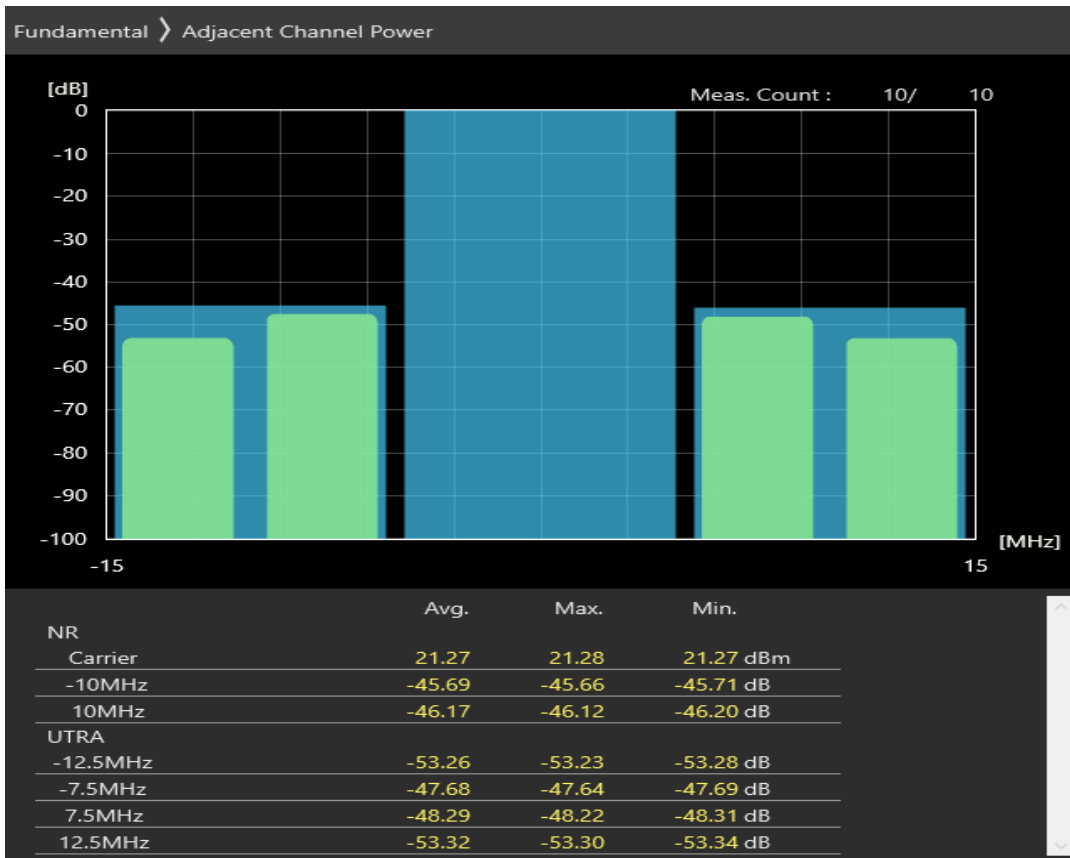
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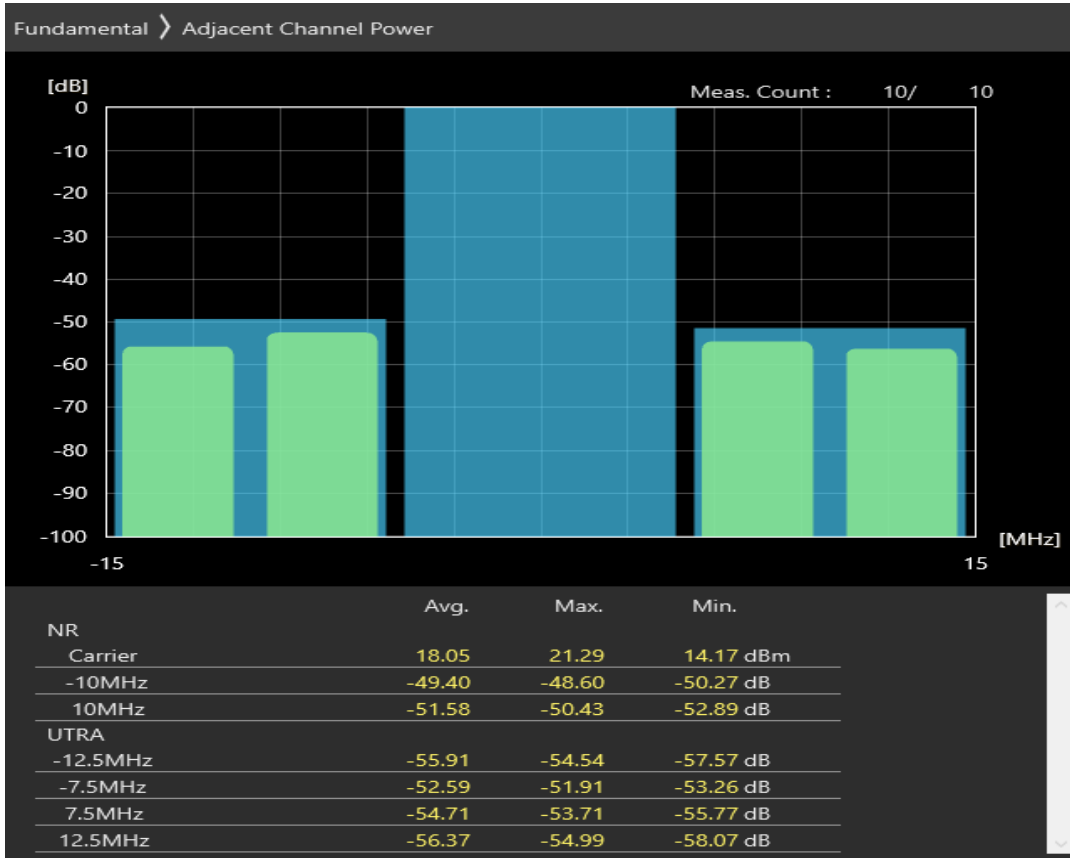
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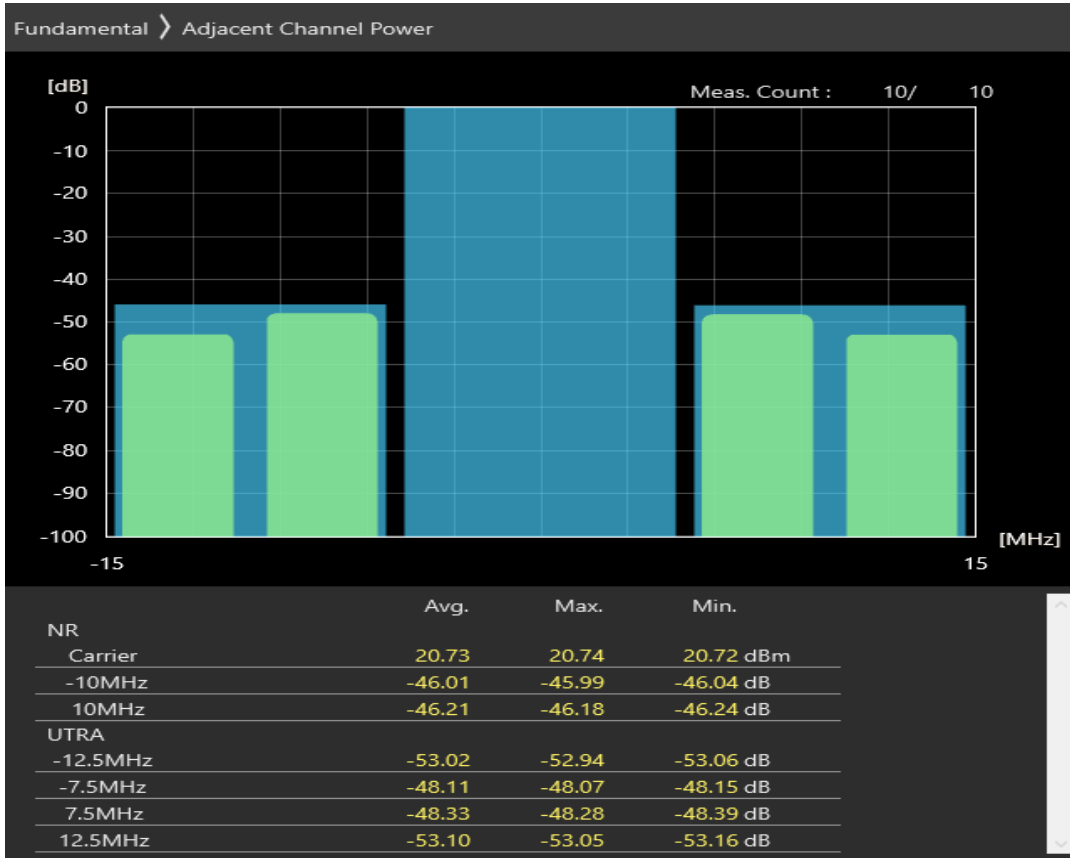
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n77 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@0



n77 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=24@0



n77 SCS=30kHz CP_QAM16 BW=10MHz Channel=620334 RB=12@6



n77 SCS=30kHz CP_QAM16 BW=10MHz Channel=620334 RB=1@0



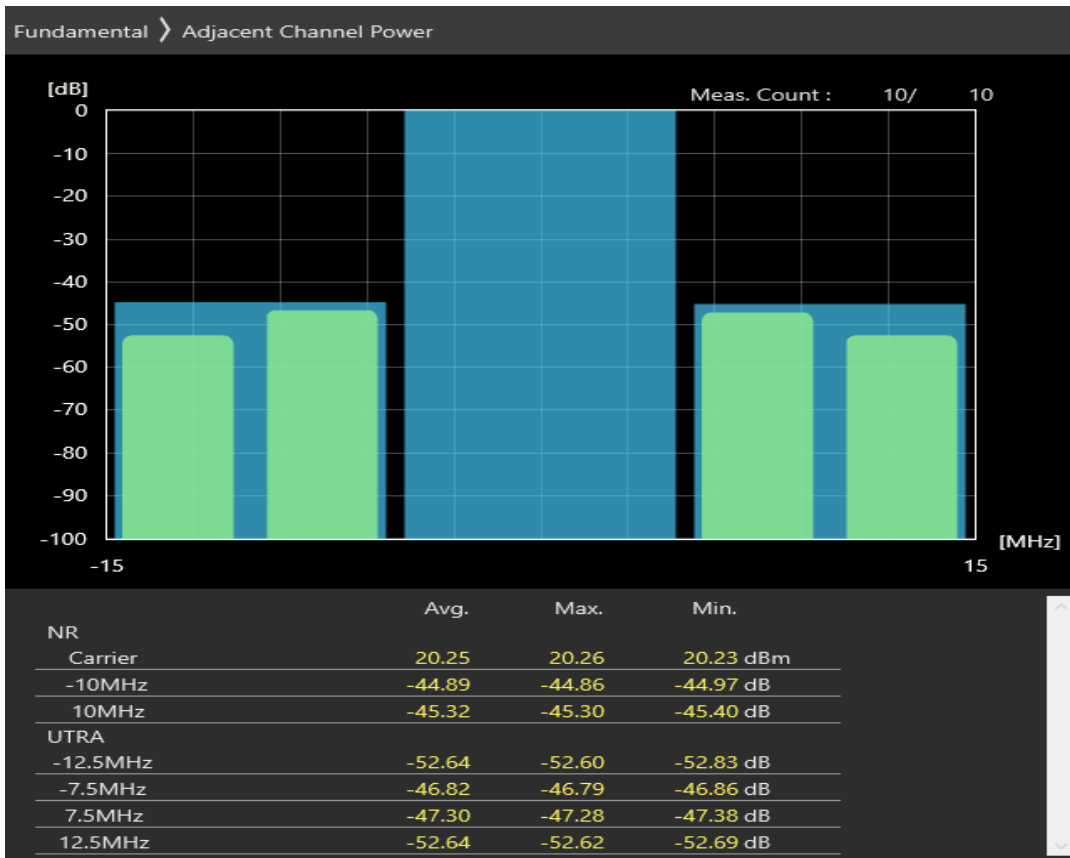
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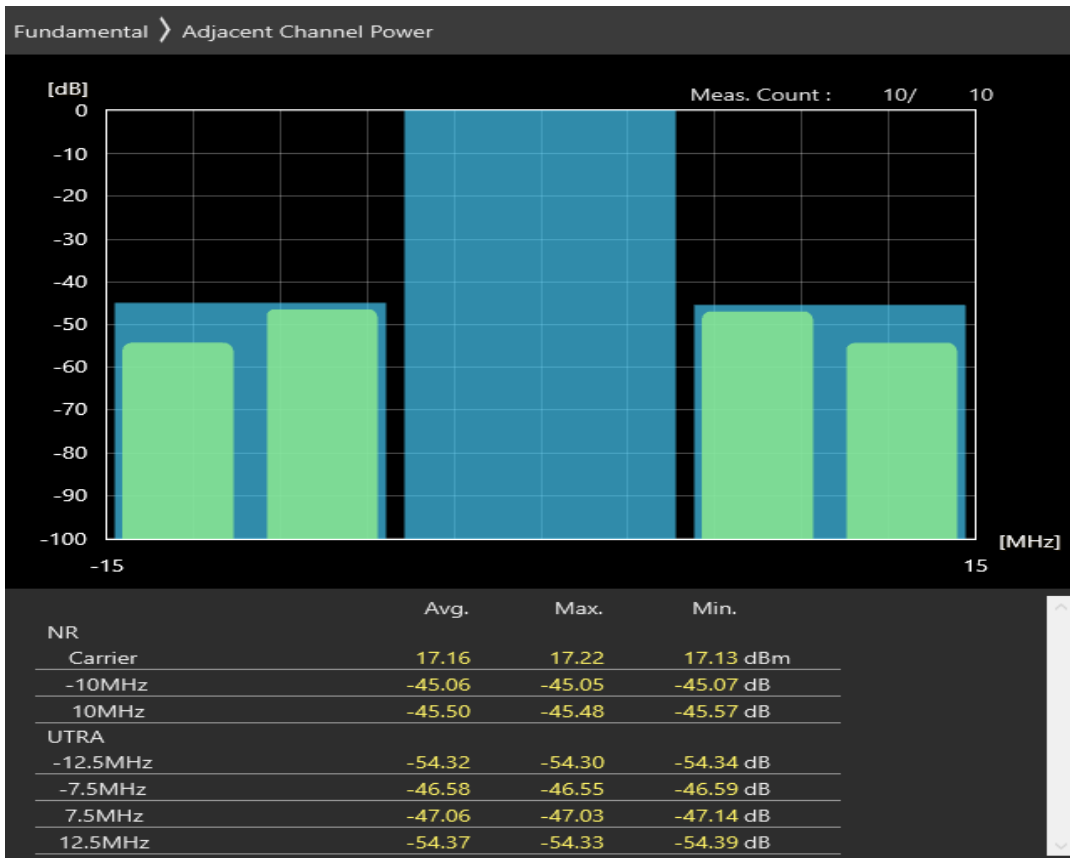
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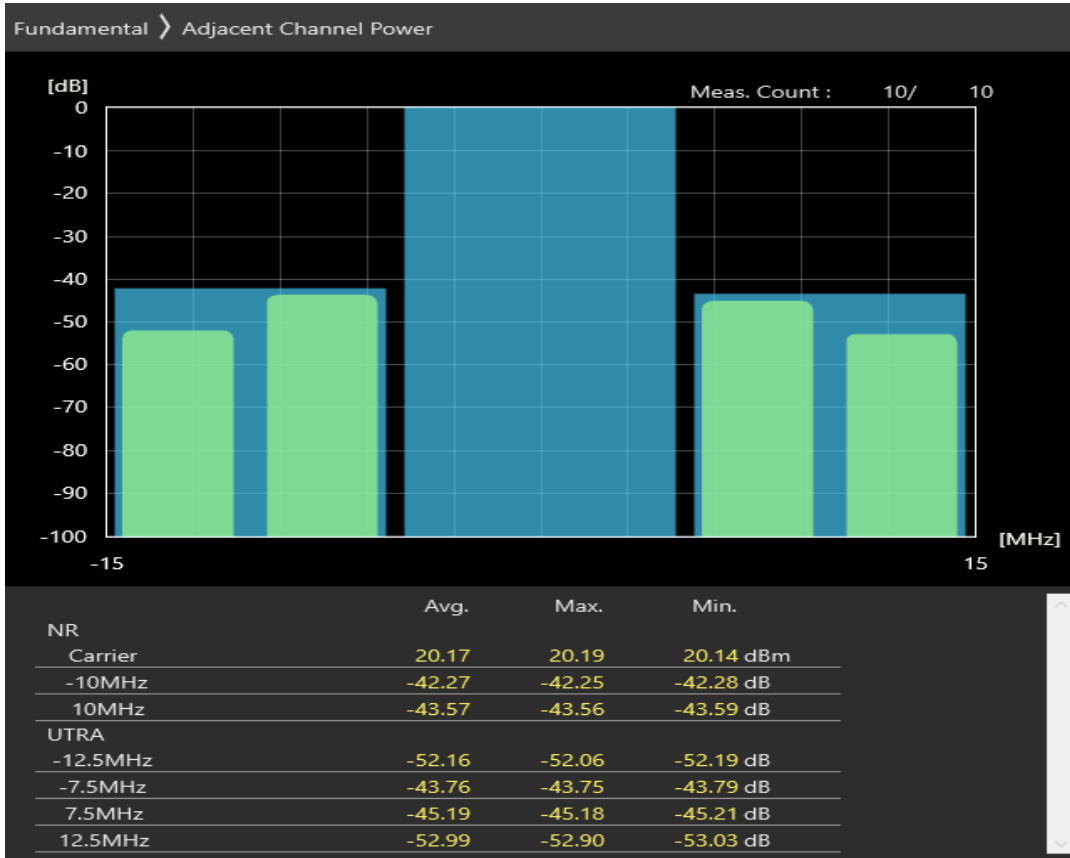
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n77 SCS=30kHz DFT_BPSK BW=10MHz Channel=679666 RB=1@23



n77 SCS=30kHz DFT_BPSK BW=10MHz Channel=679666 RB=24@0



n77 SCS=30kHz DFT_QPSK BW=10MHz Channel=679666 RB=12@6



n77 SCS=30kHz DFT_QPSK BW=10MHz Channel=679666 RB=1@23



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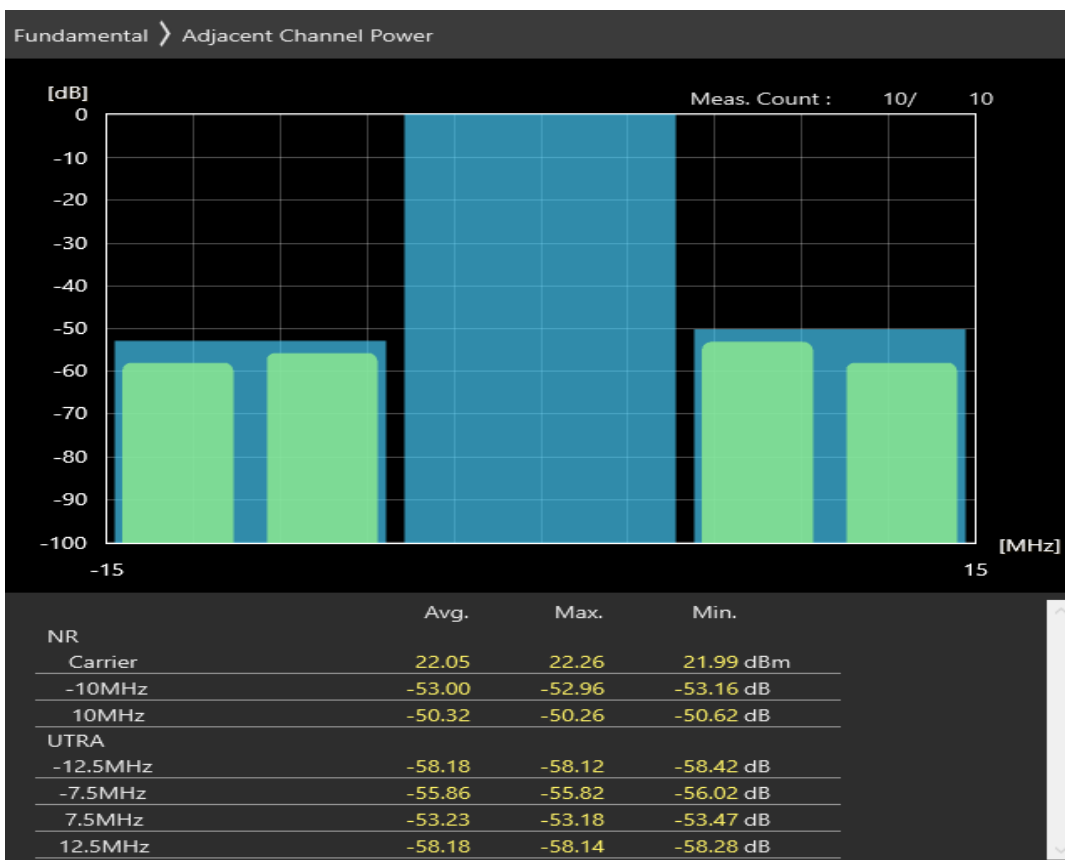
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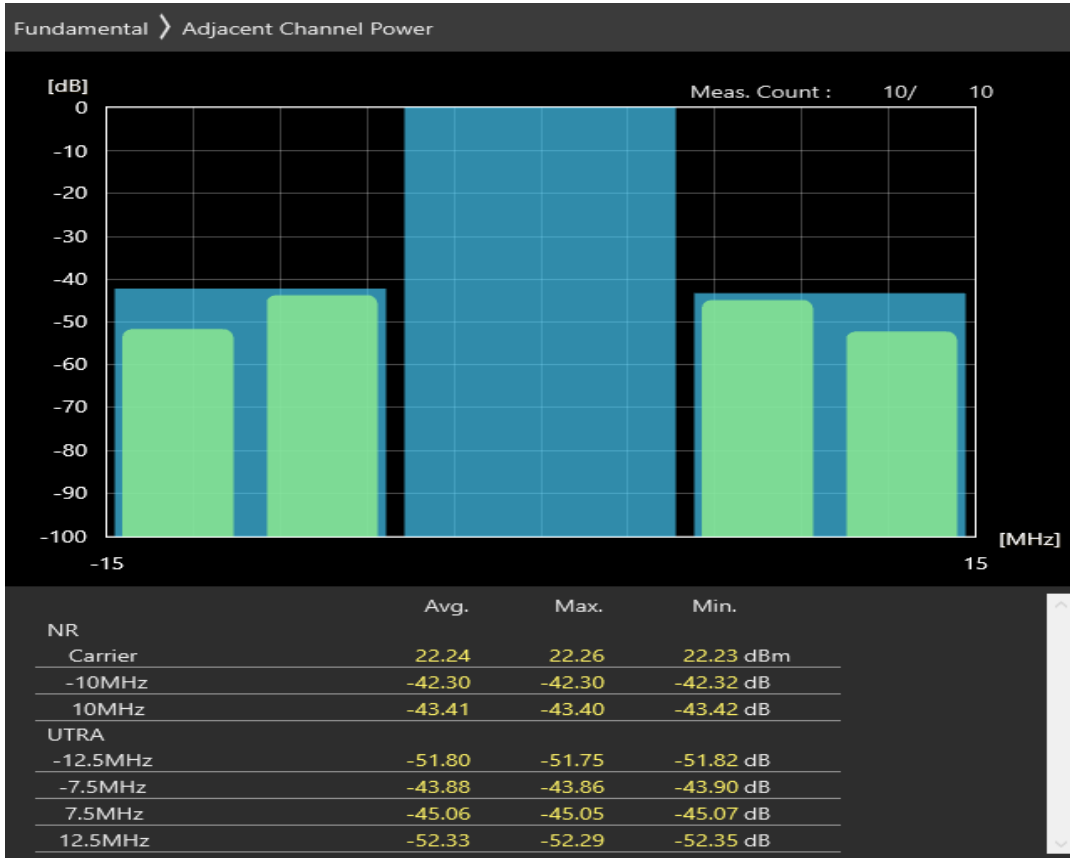
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n77 SCS=30kHz DFT_QAM64 BW=10MHz Channel=679666 RB=1@23



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n77 SCS=30kHz DFT_QAM256 BW=10MHz Channel=679666 RB=1@23



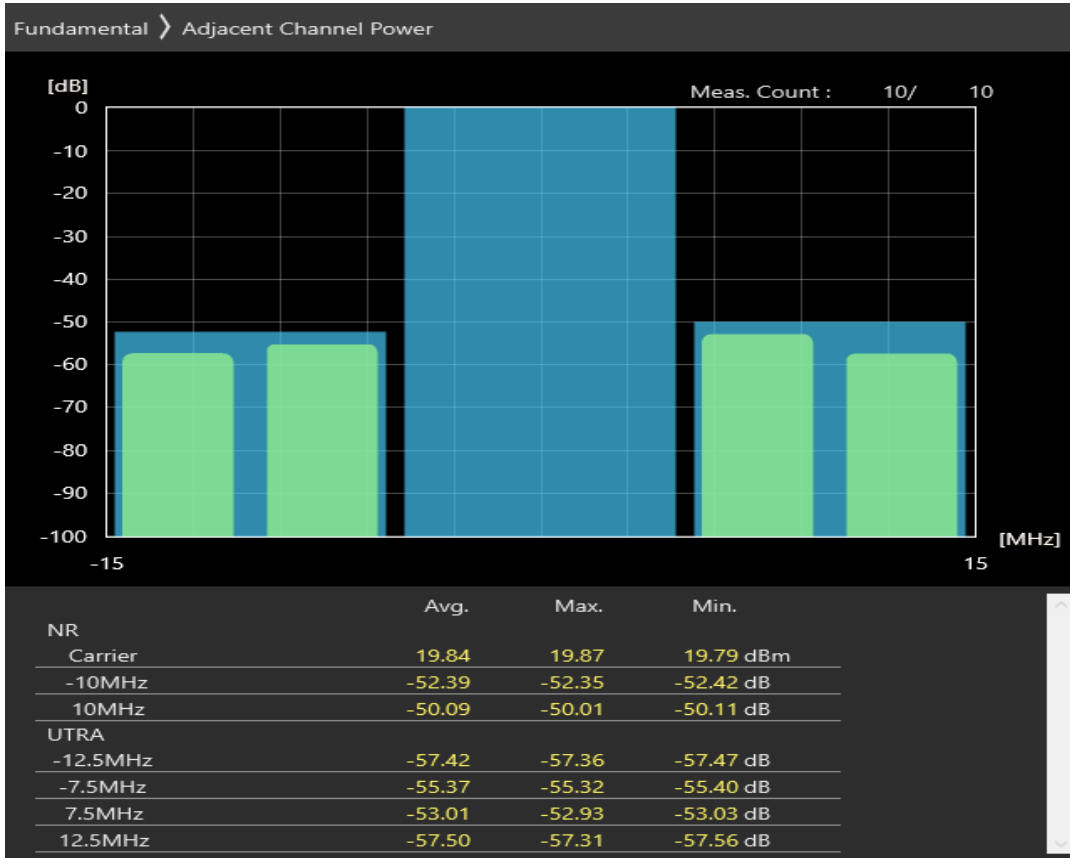
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n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=1@23



n77 SCS=30kHz CP_QPSK BW=10MHz Channel=679666 RB=24@0



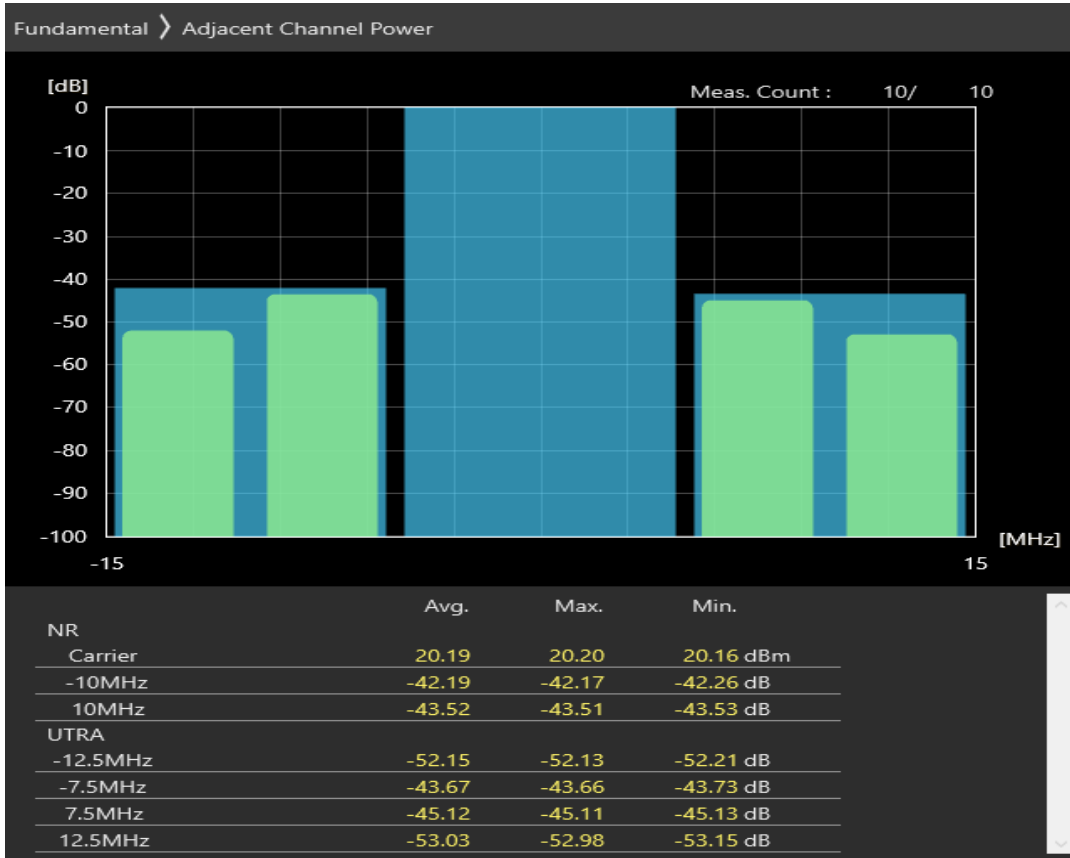
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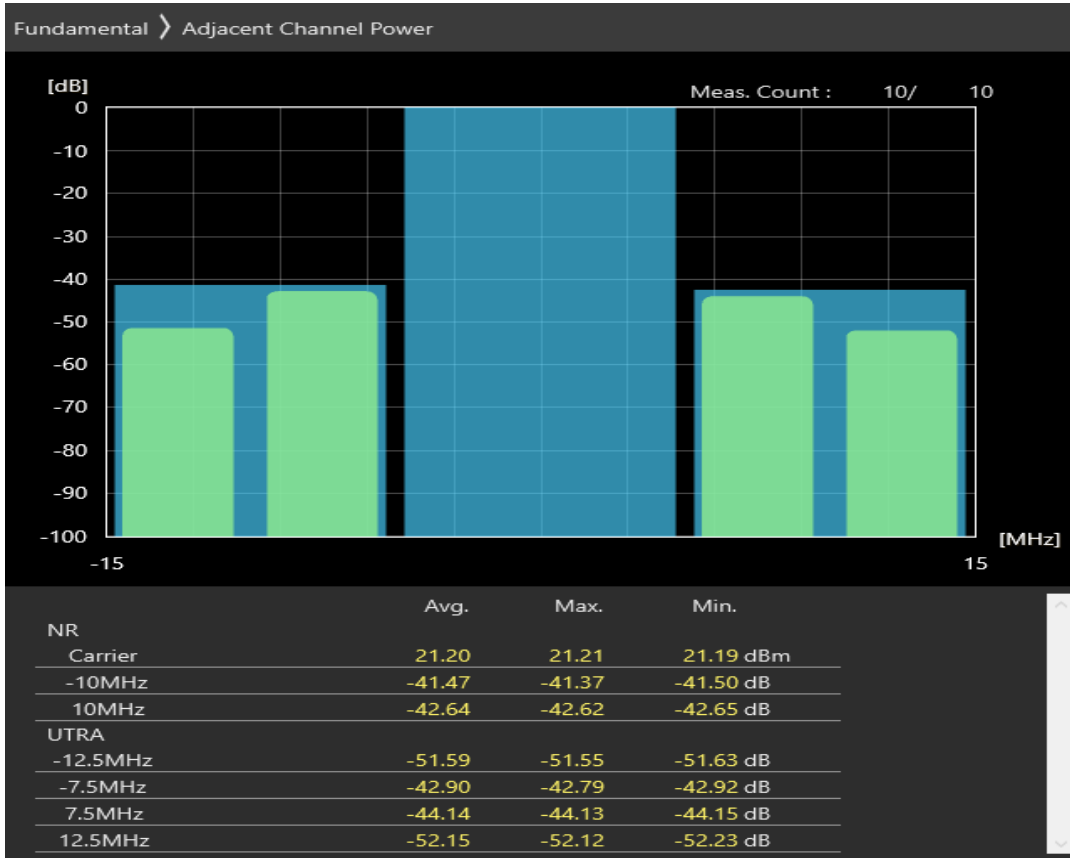
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n77 SCS=30kHz CP_QAM64 BW=10MHz Channel=679666 RB=1@23



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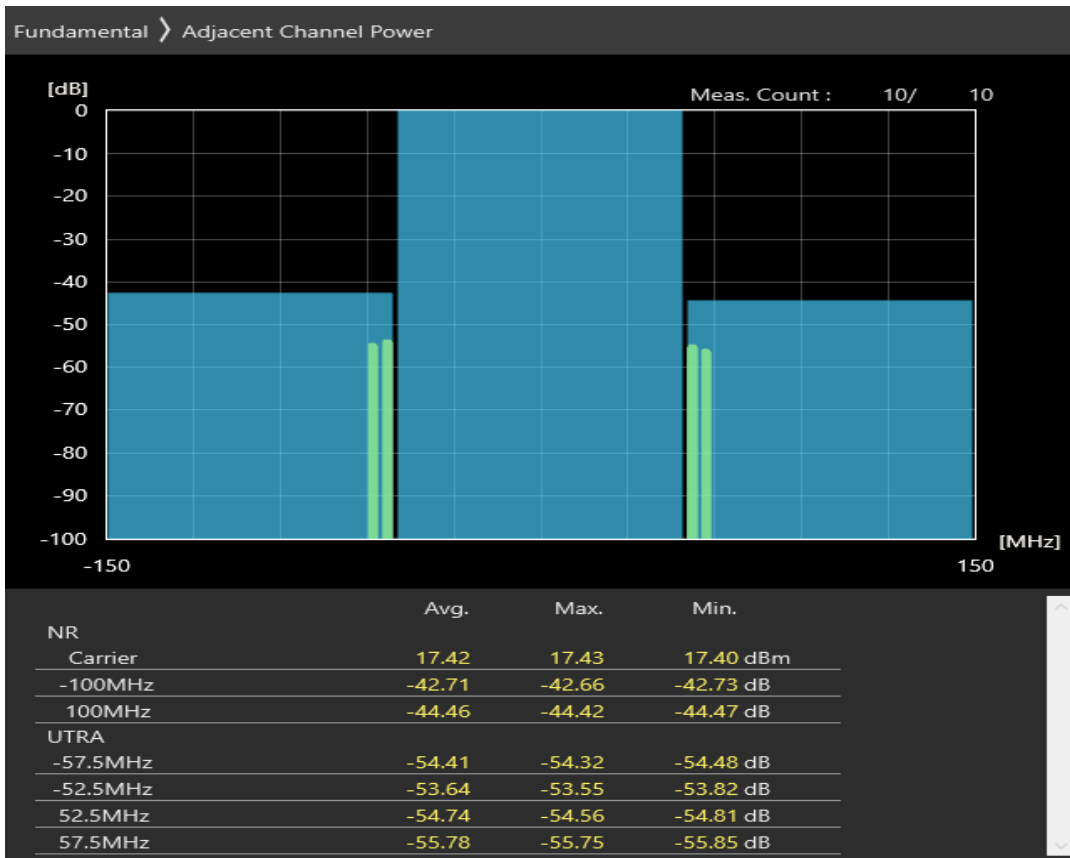
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n77 SCS=30kHz DFT_BPSK BW=100MHz Channel=623334 RB=135@67



n77 SCS=30kHz DFT_BPSK BW=100MHz Channel=623334 RB=1@0



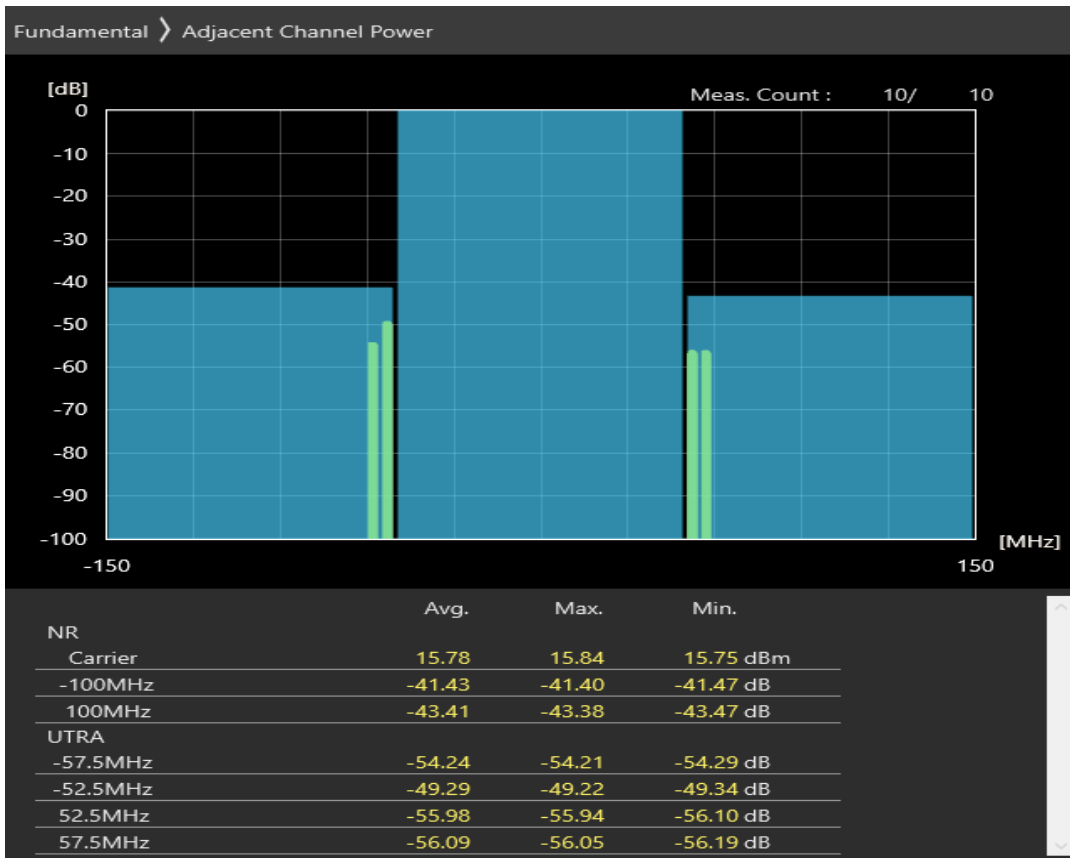
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n77 SCS=30kHz DFT_QPSK BW=100MHz Channel=623334 RB=135@67



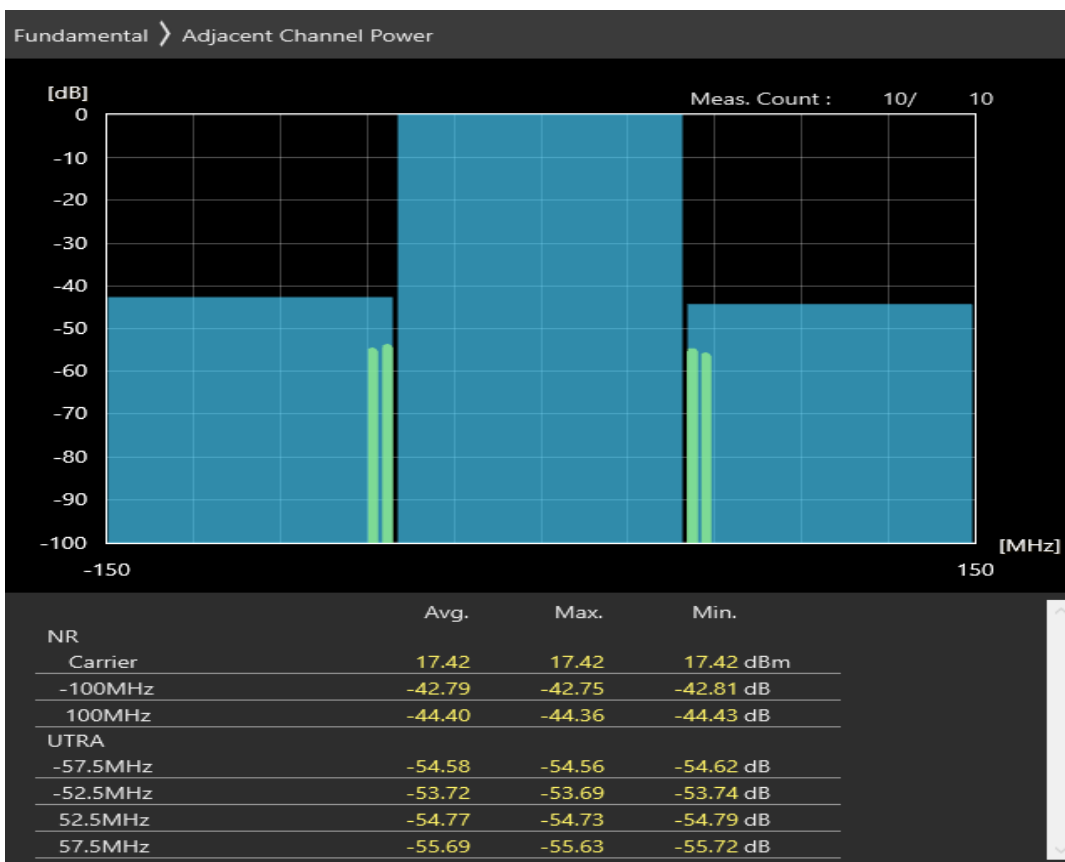
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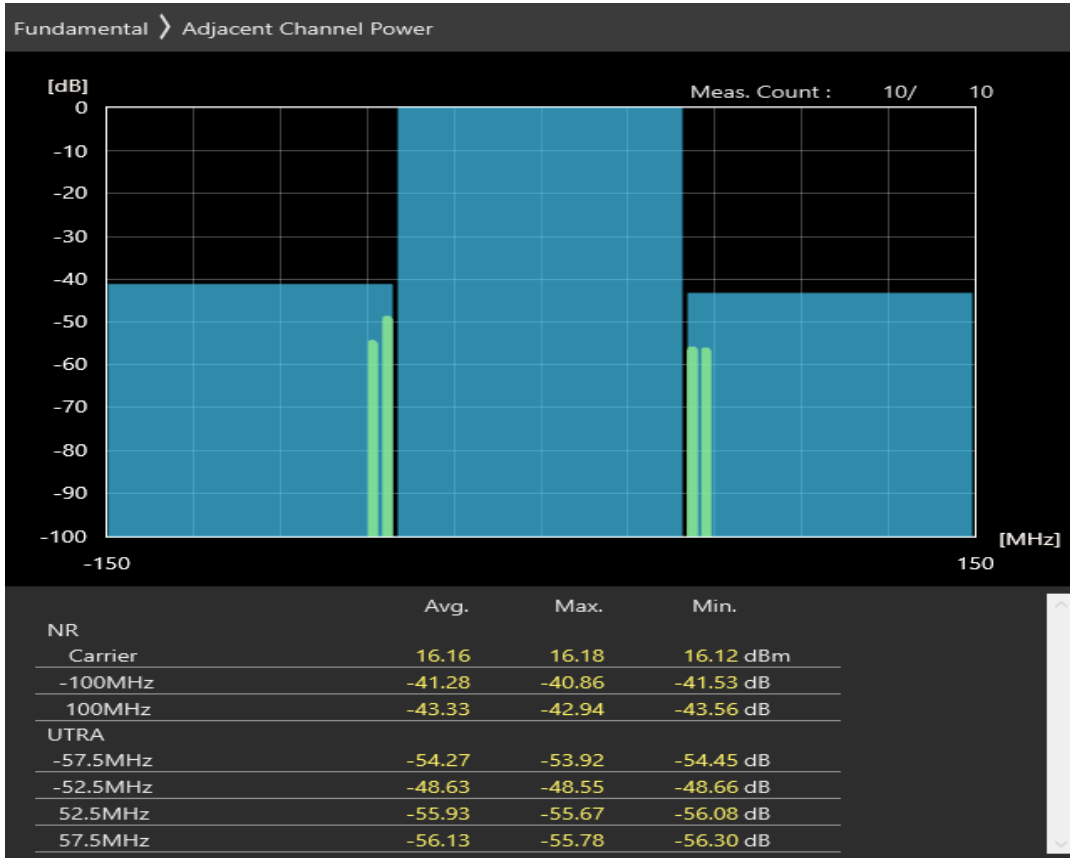
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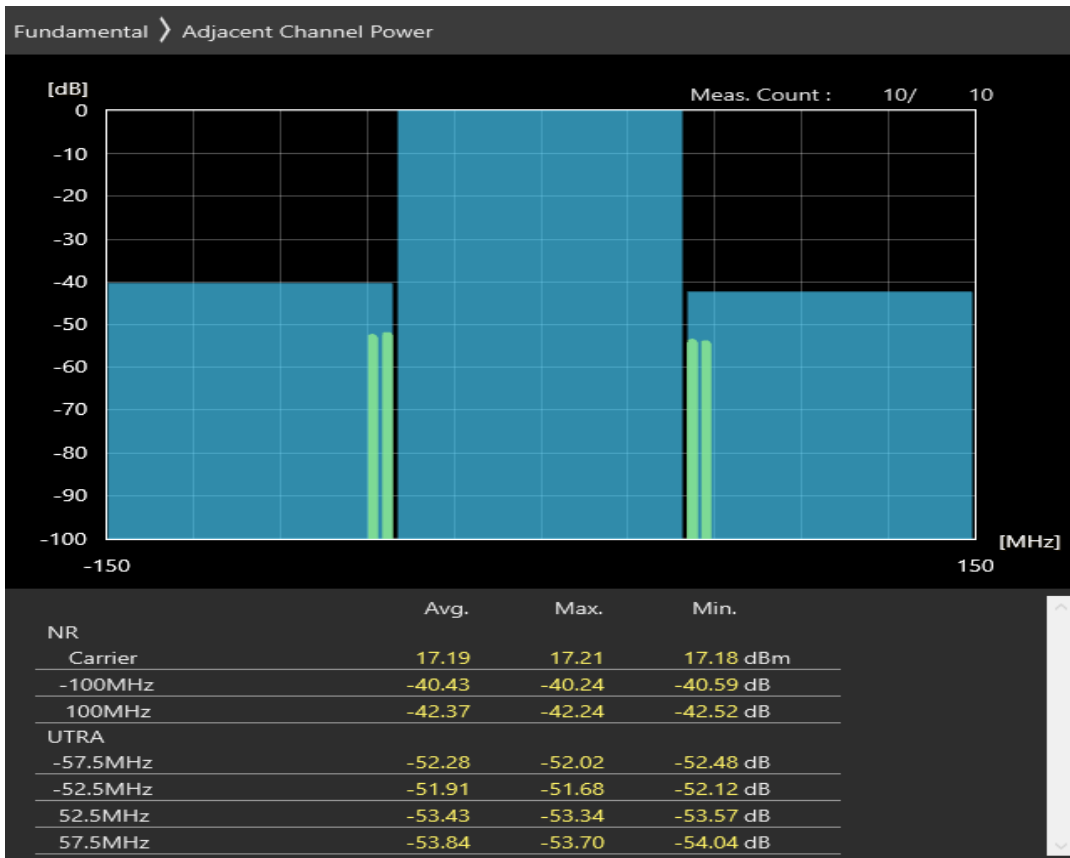
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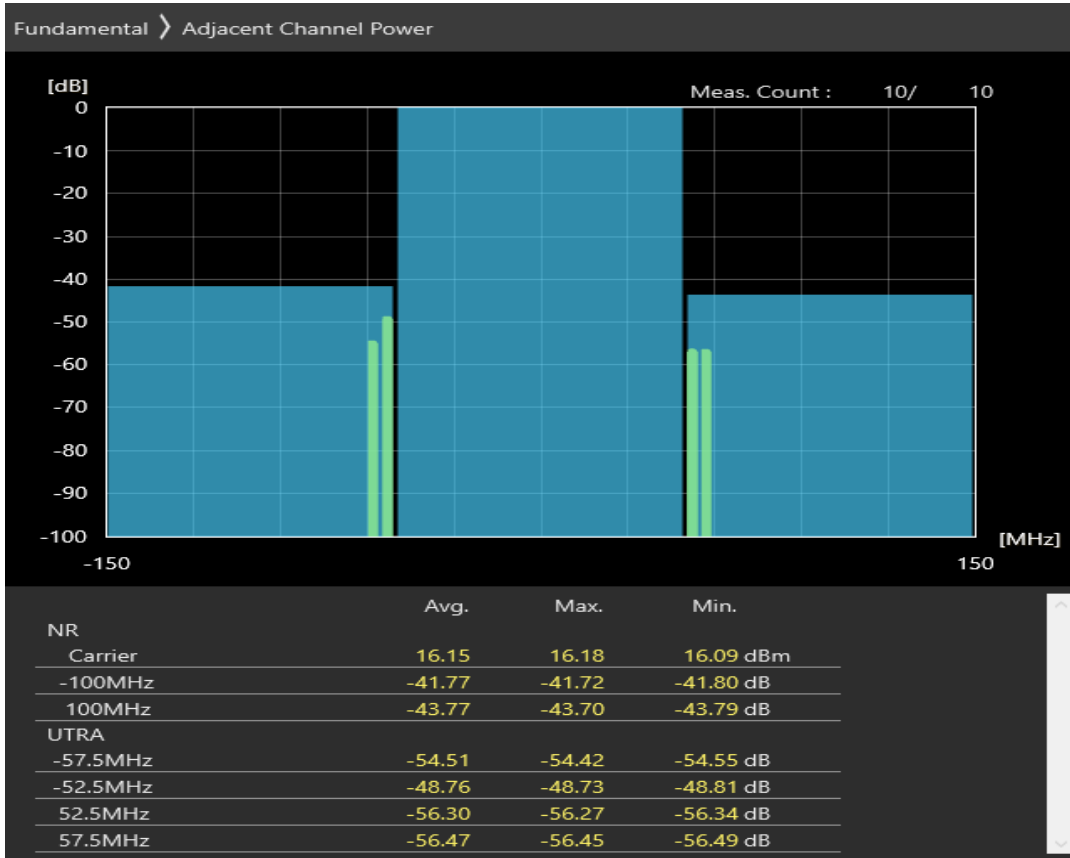
n77 SCS=30kHz DFT_QAM16 BW=100MHz Channel=623334 RB=1@0



n77 SCS=30kHz DFT_QAM16 BW=100MHz Channel=623334 RB=270@0



n77 SCS=30kHz DFT_QAM64 BW=100MHz Channel=623334 RB=1@0



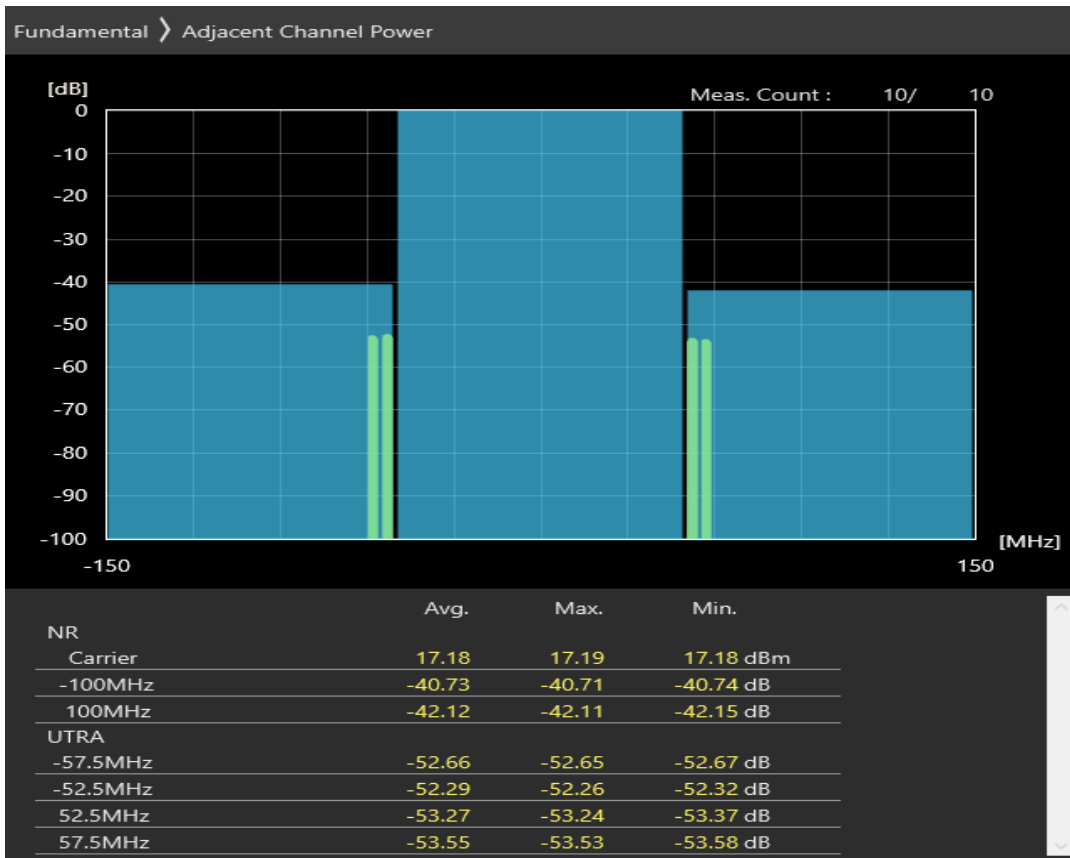
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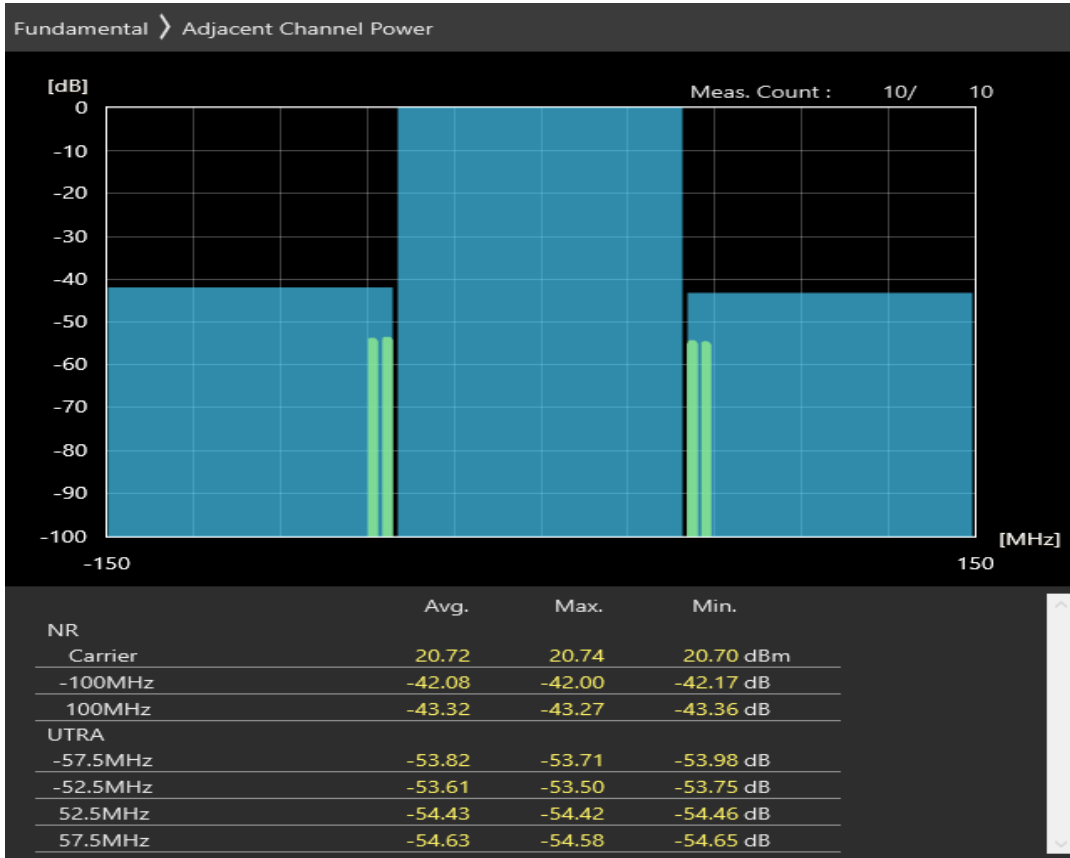
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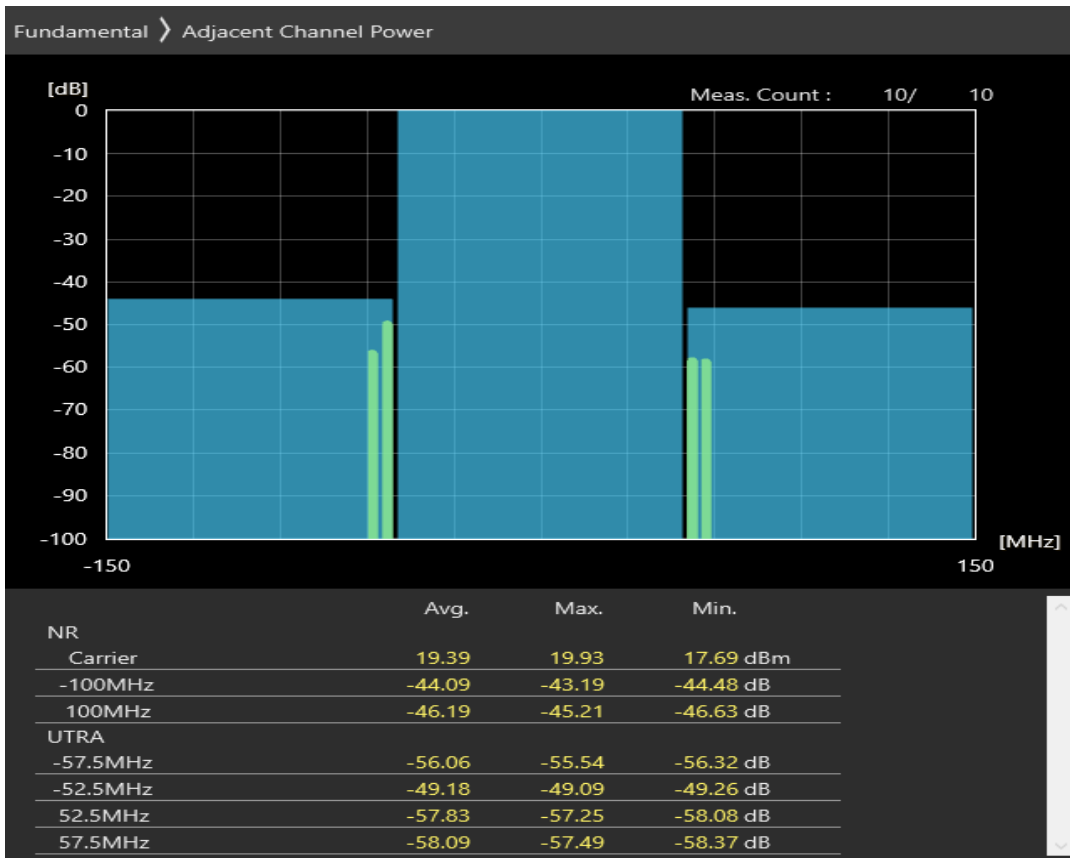
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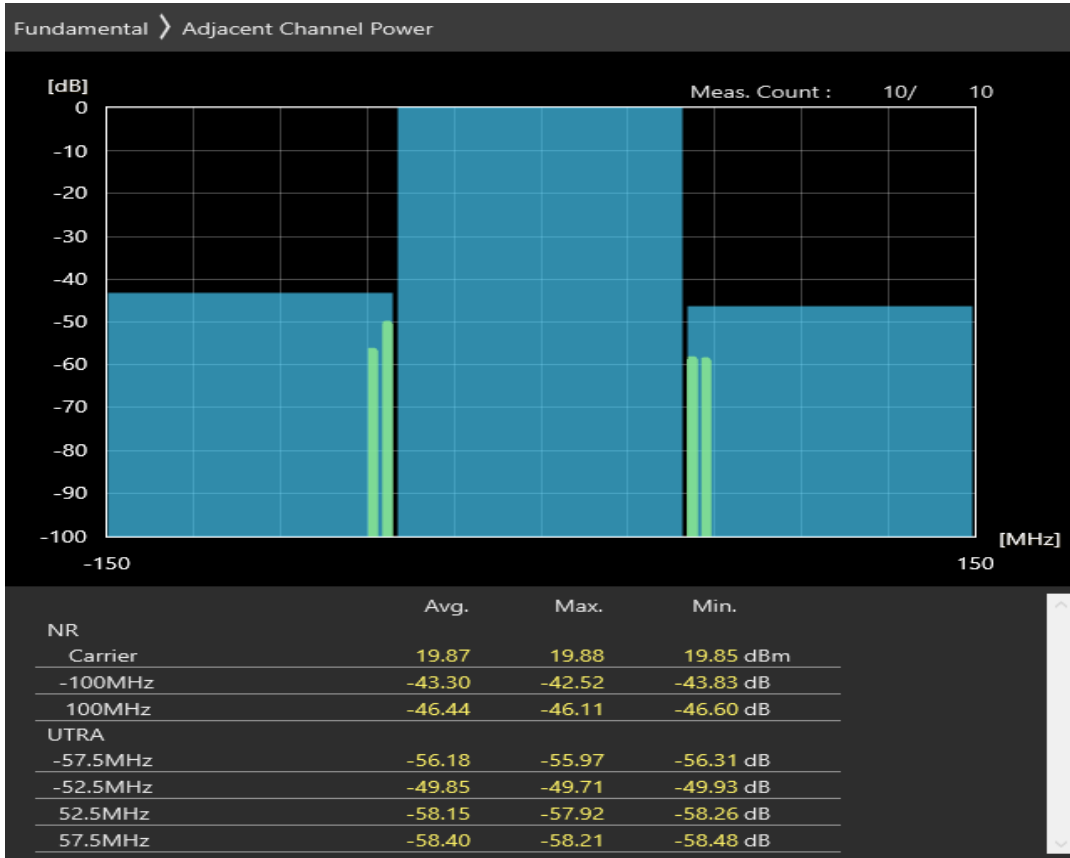
n77 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=137@68



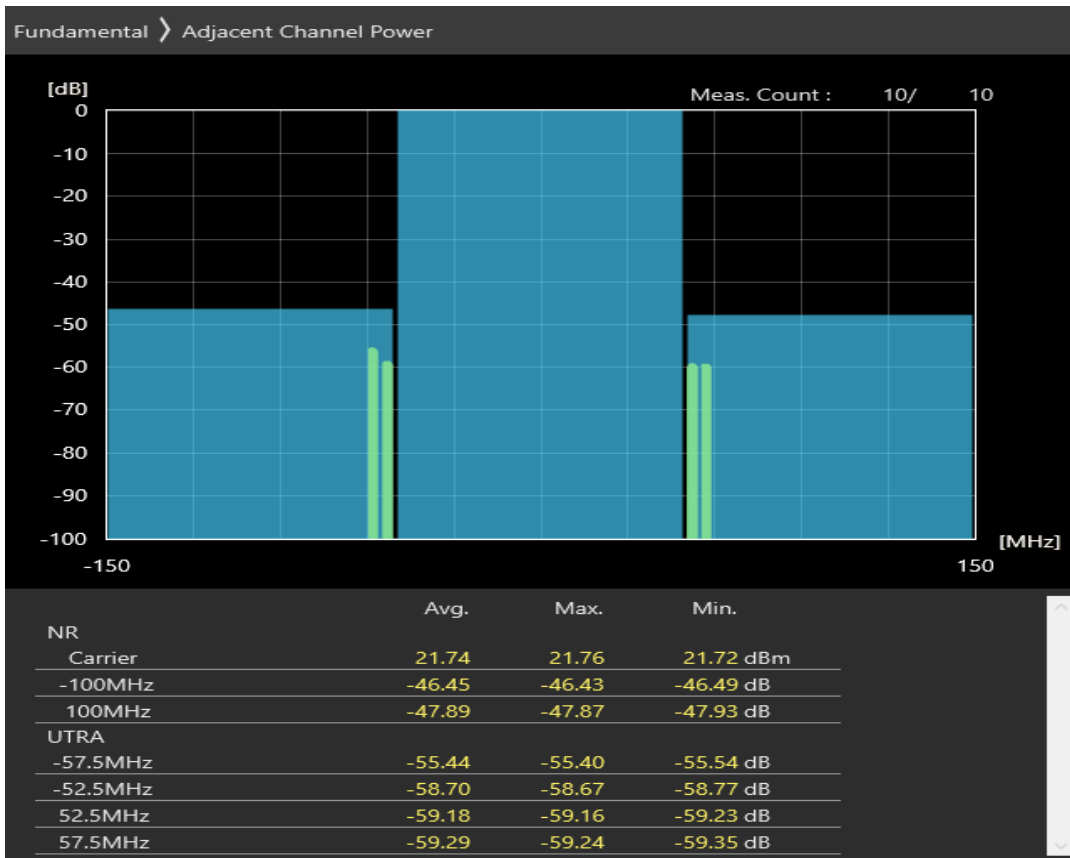
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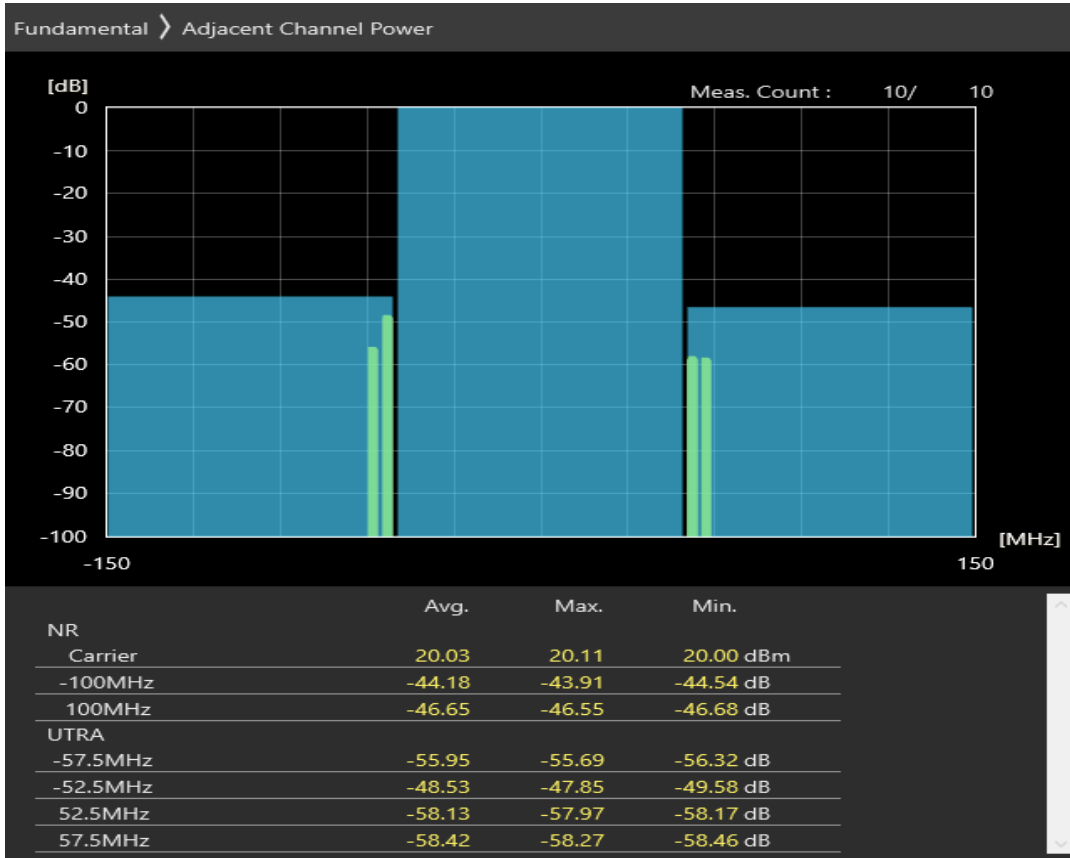
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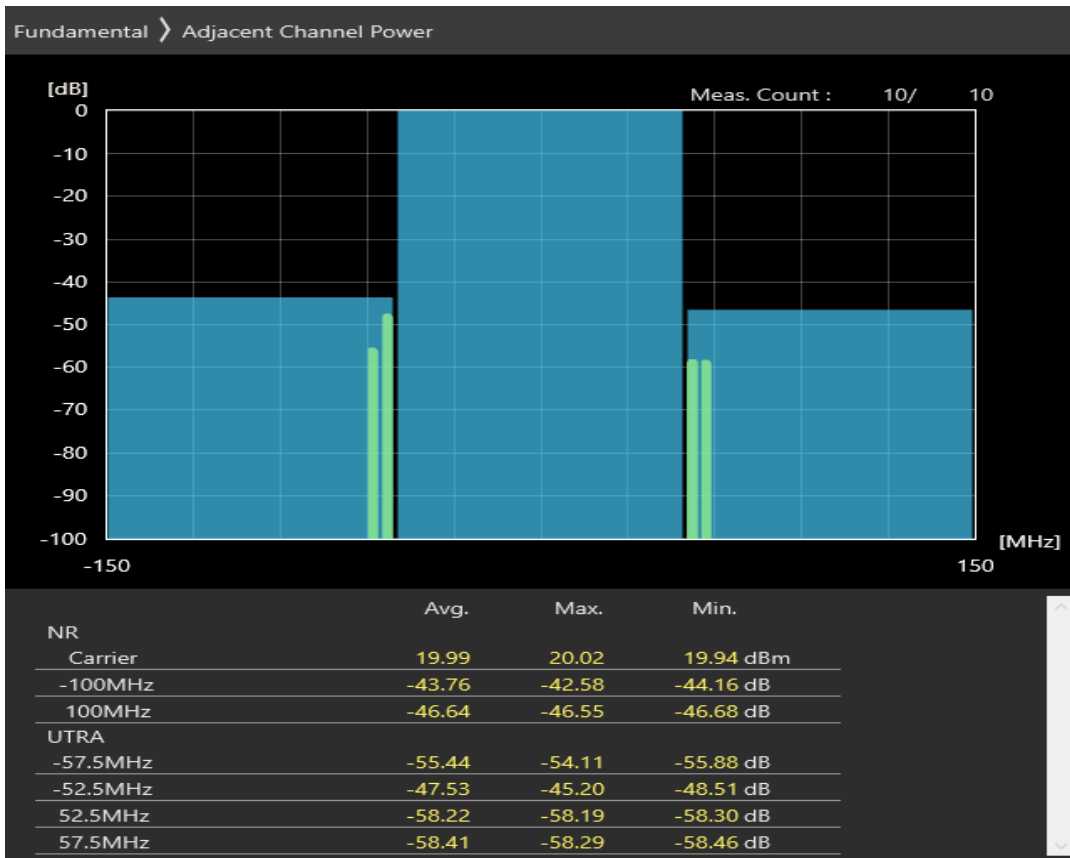
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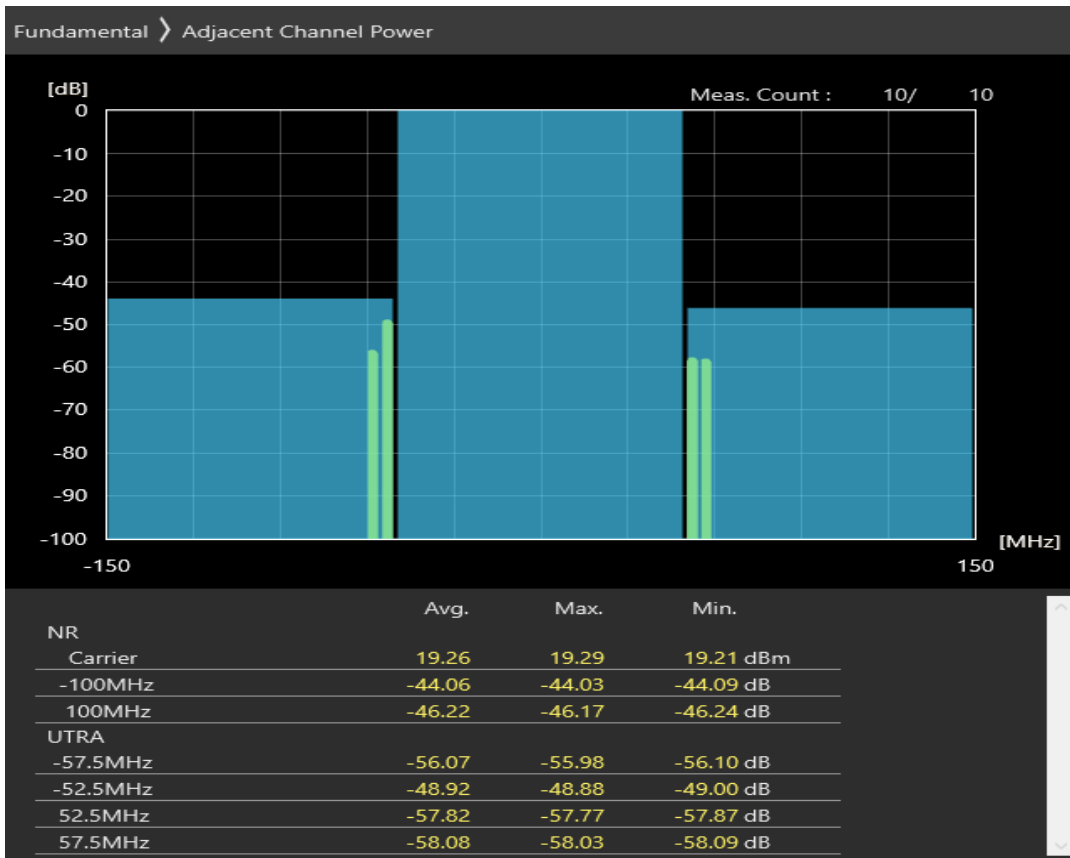
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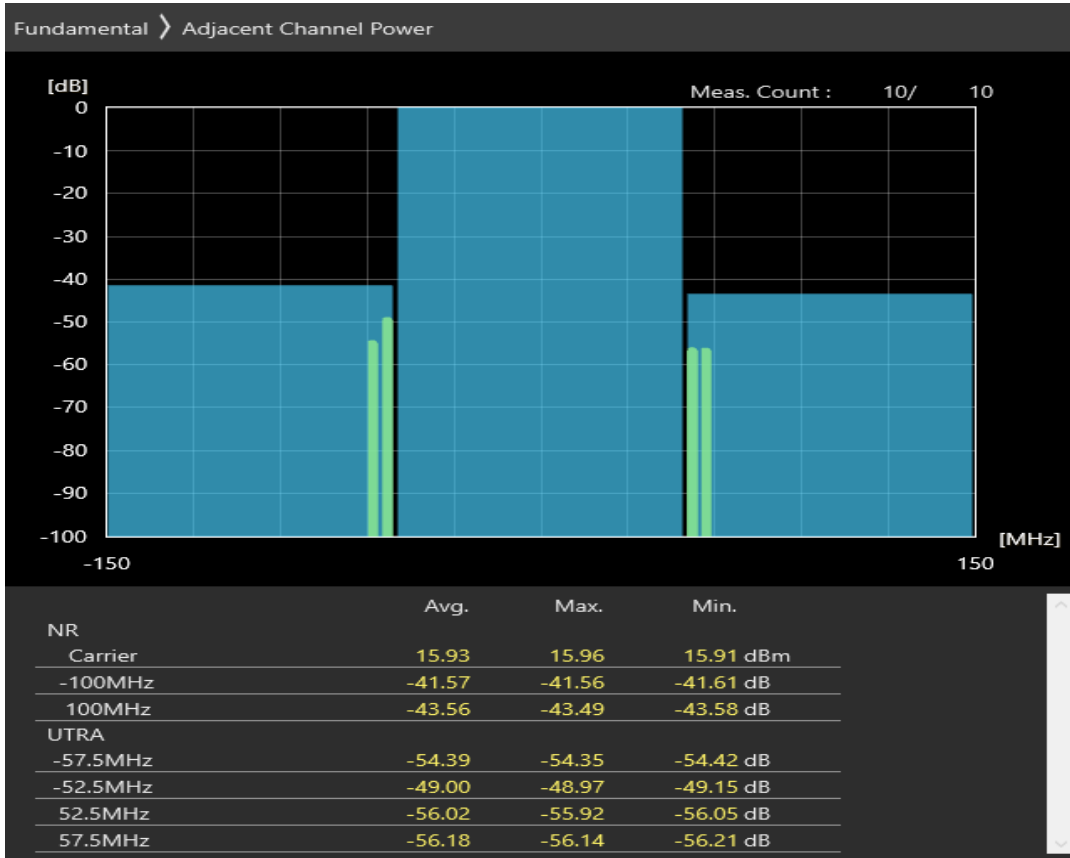
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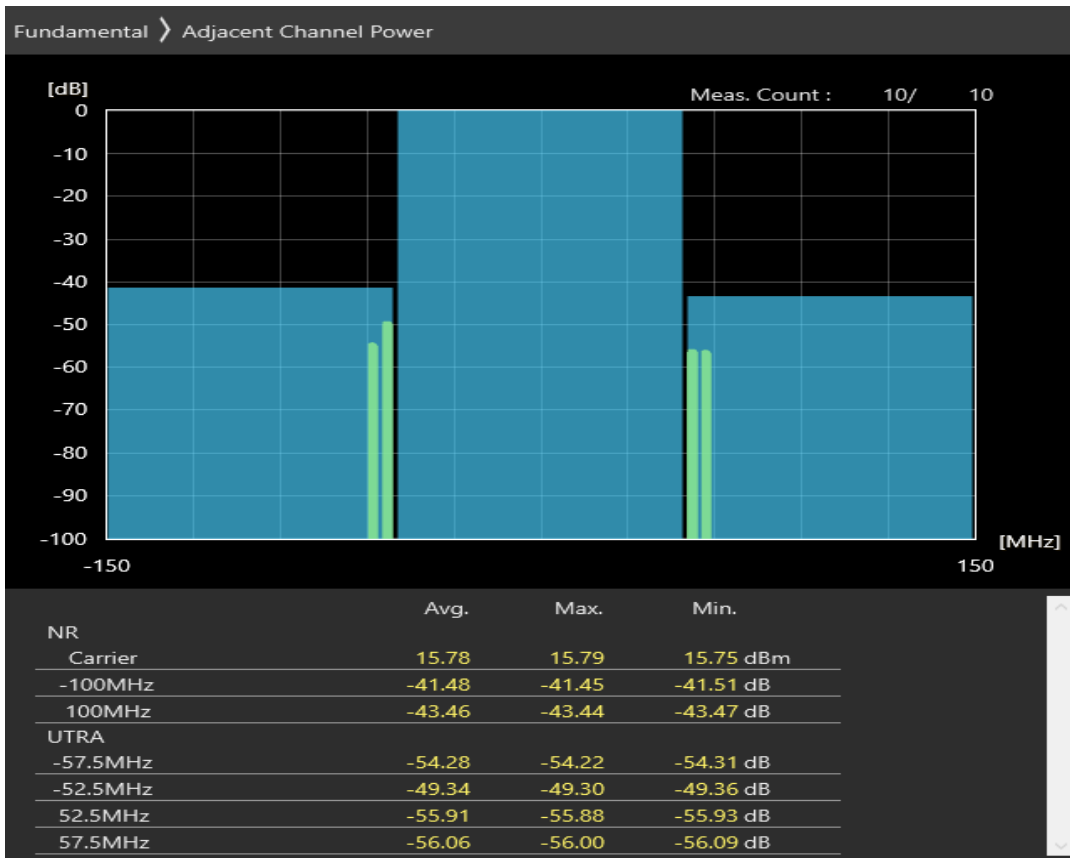
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n77 SCS=30kHz CP_QAM256 BW=100MHz Channel=623334 RB=1@0



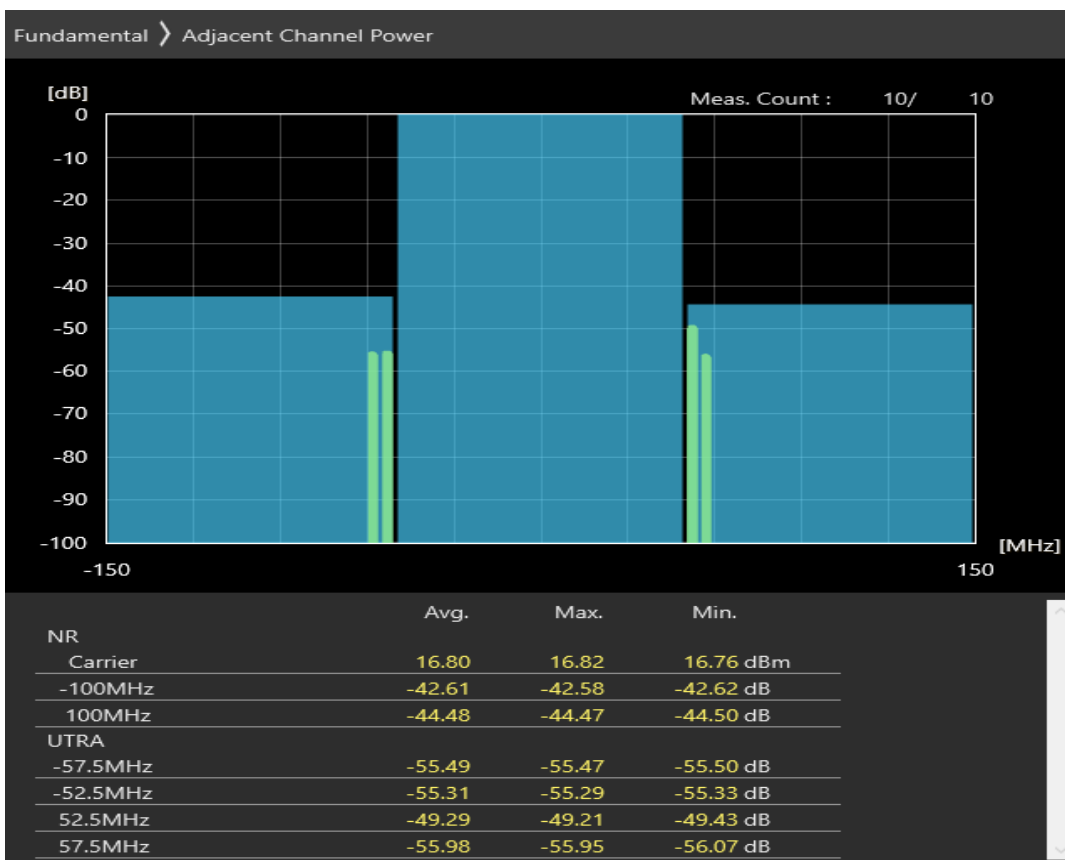
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n77 SCS=30kHz DFT_BPSK BW=100MHz Channel=676666 RB=135@67



n77 SCS=30kHz DFT_BPSK BW=100MHz Channel=676666 RB=1@272



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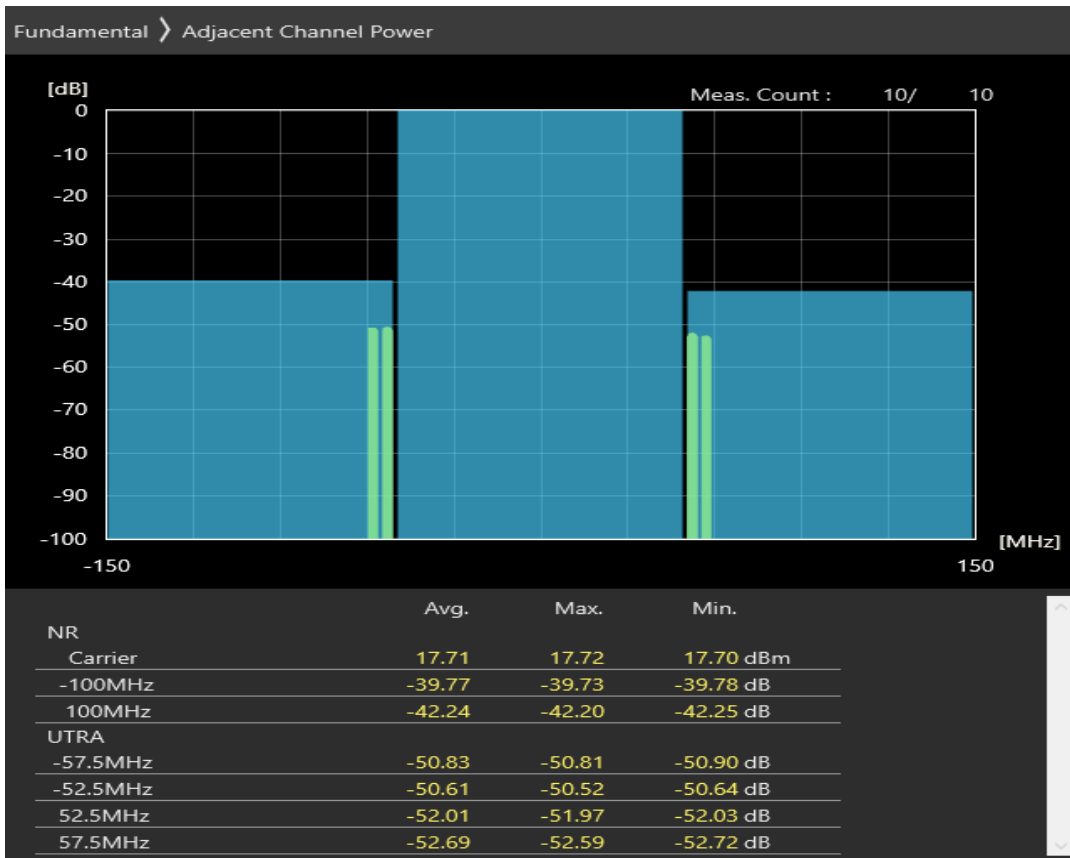
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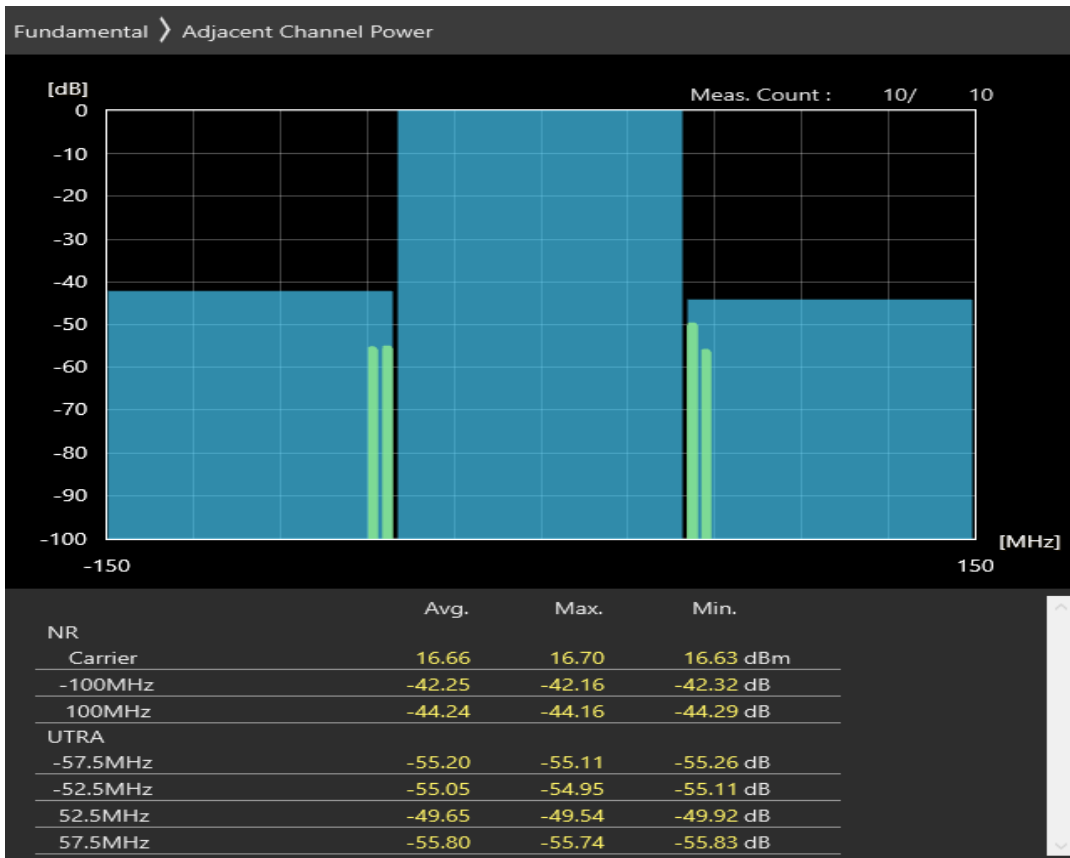
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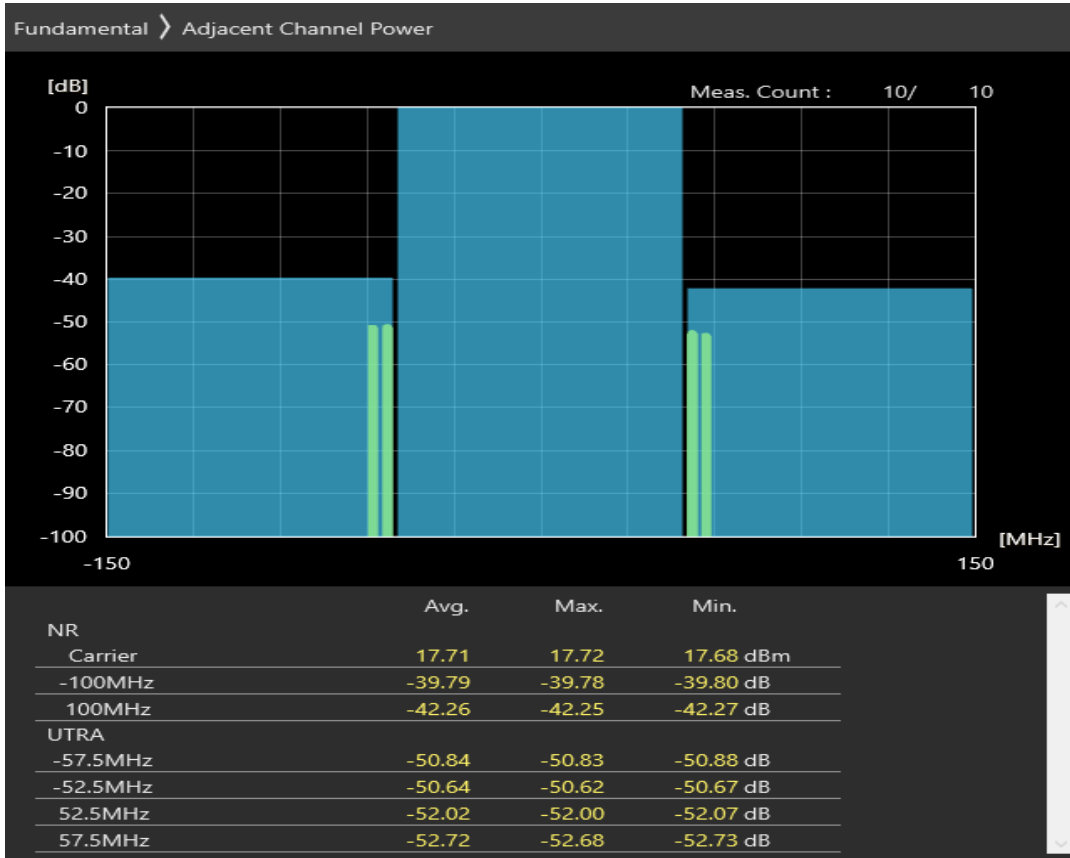
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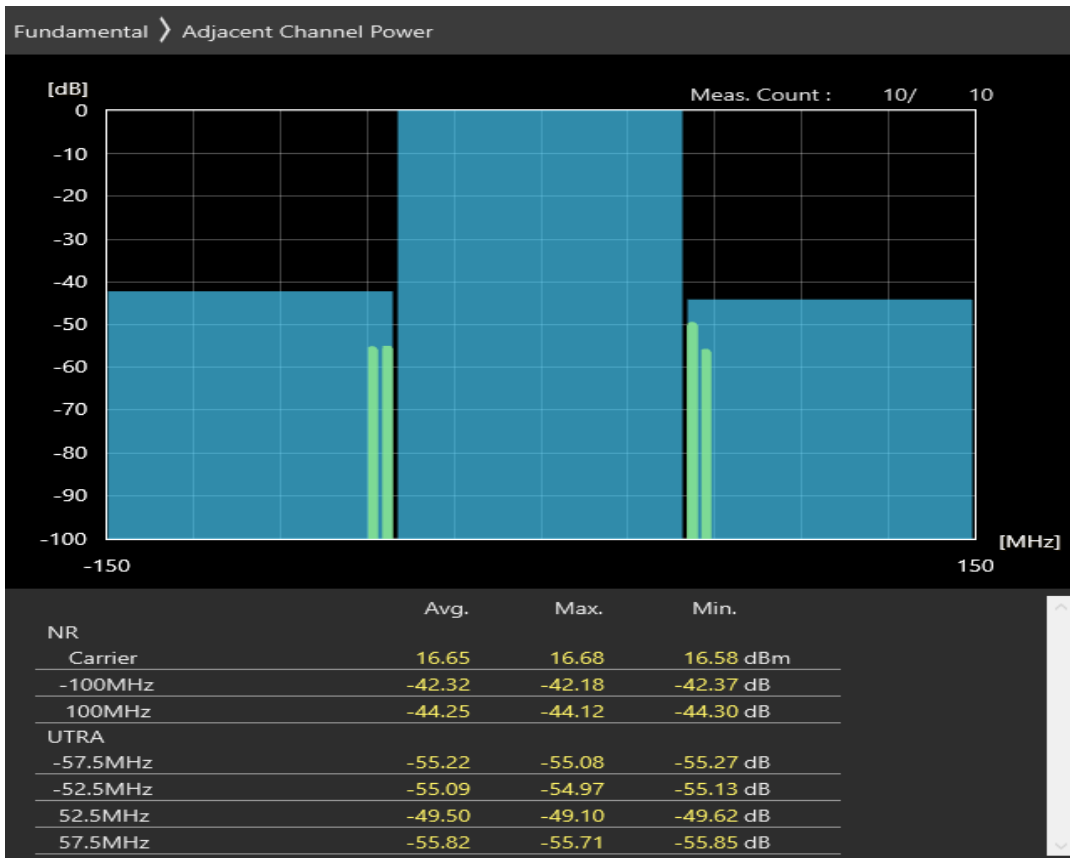
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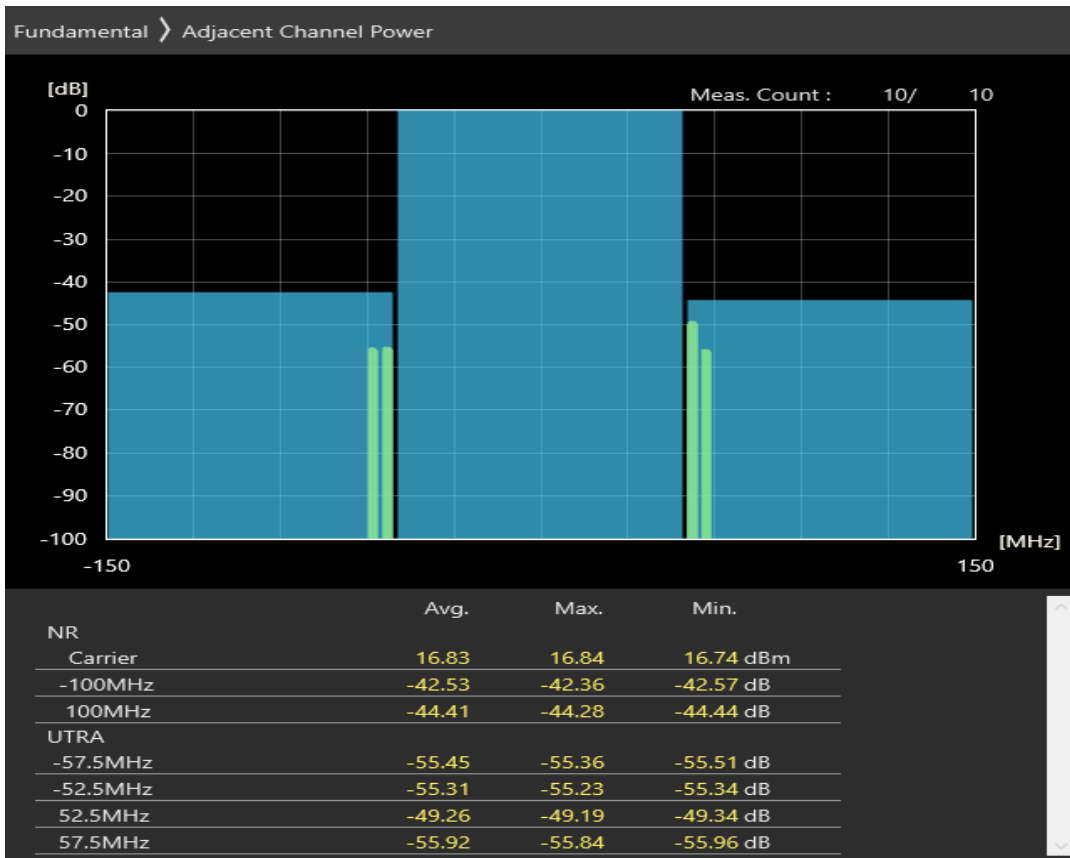
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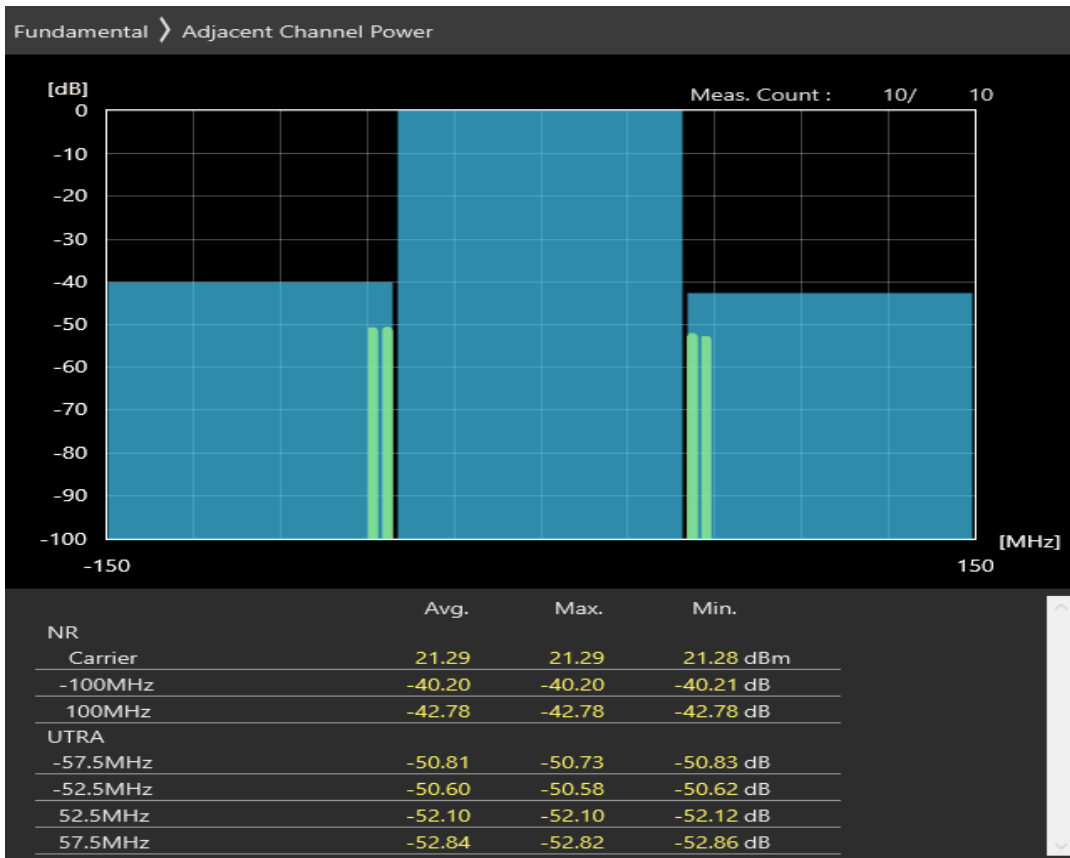
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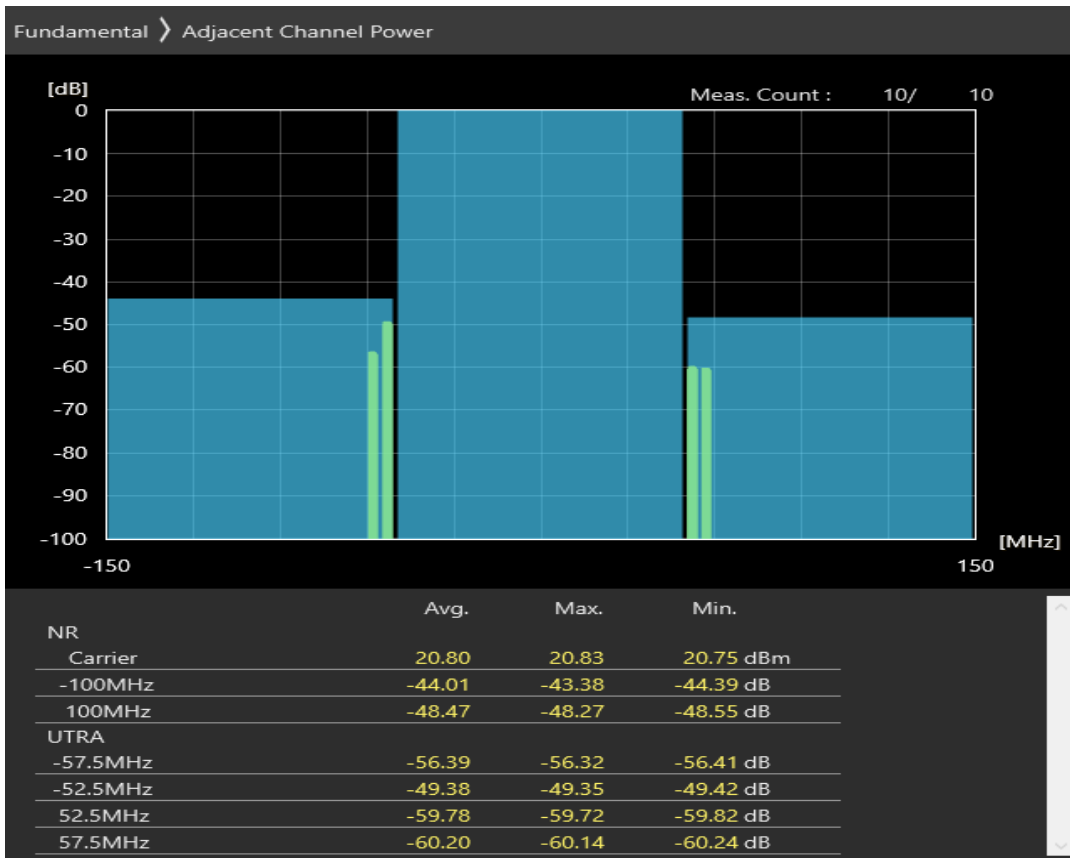
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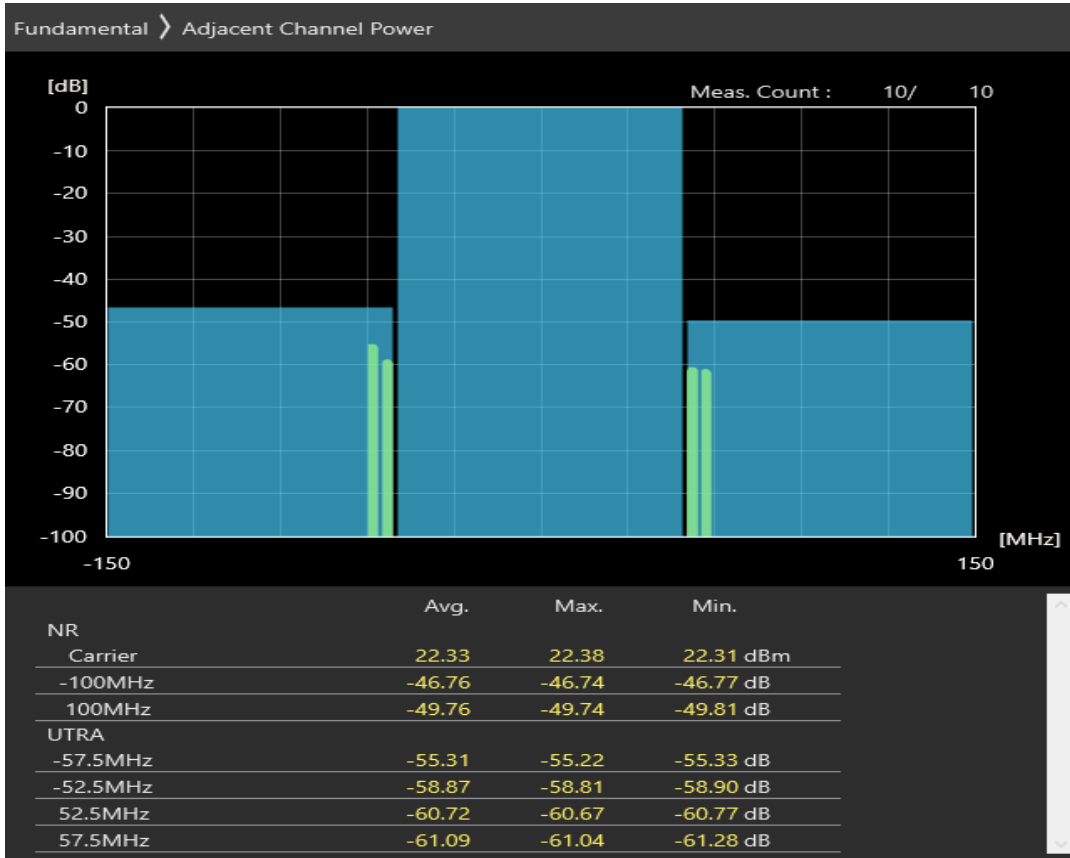
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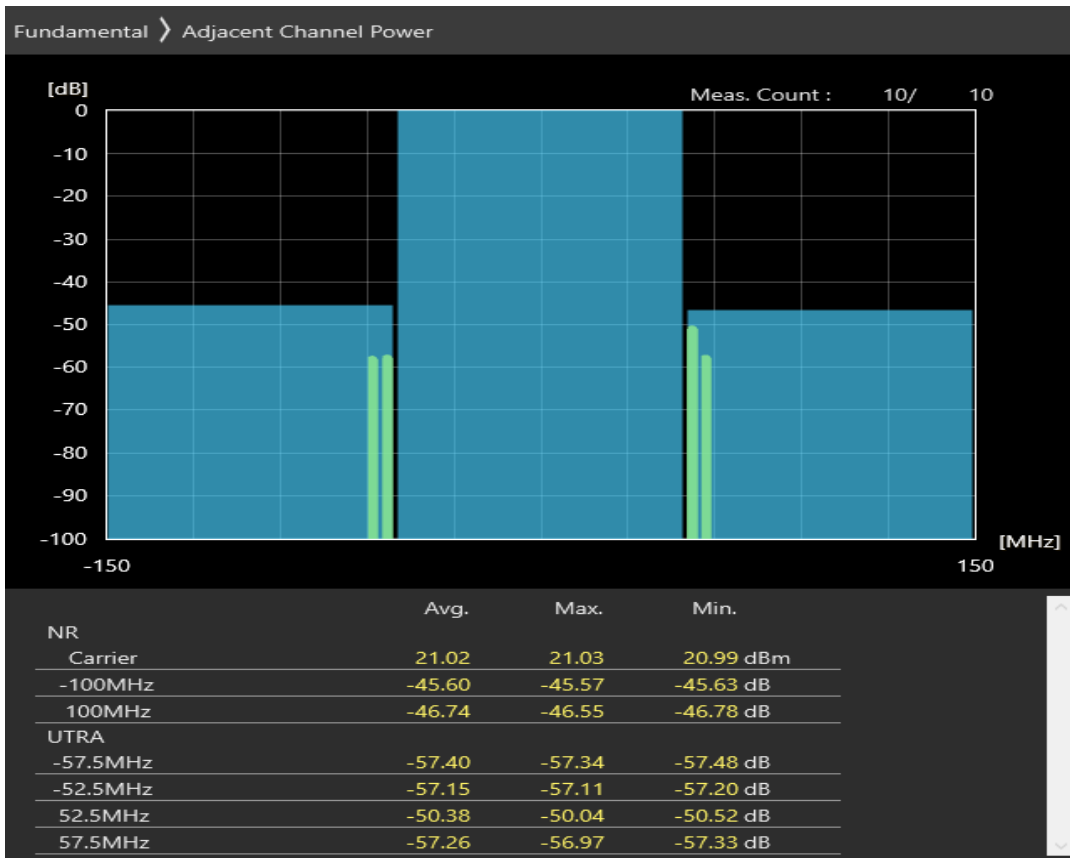
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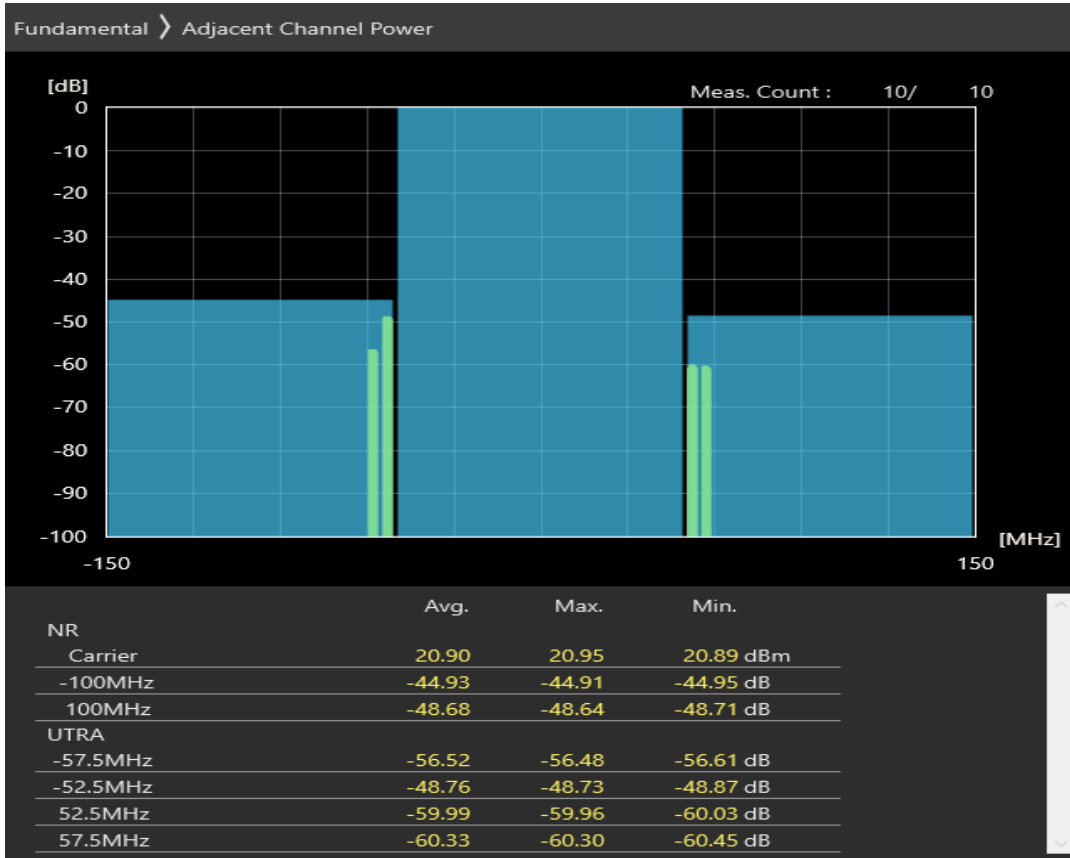
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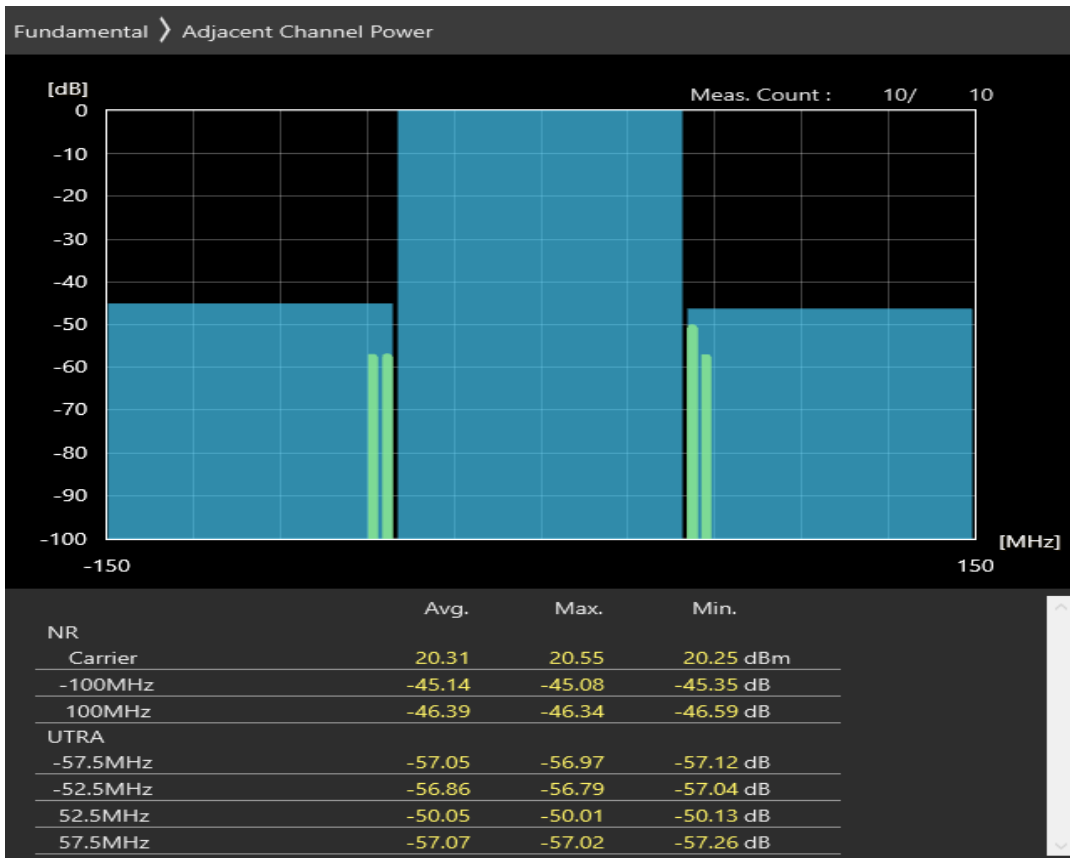
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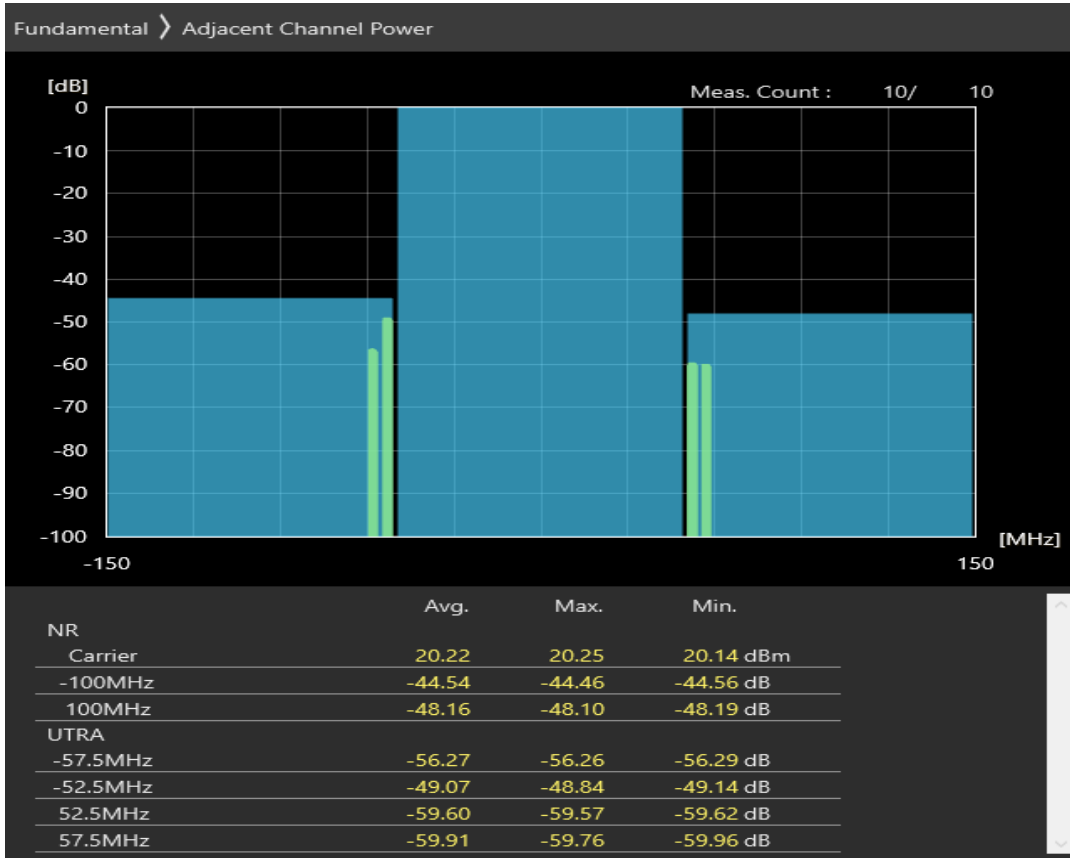
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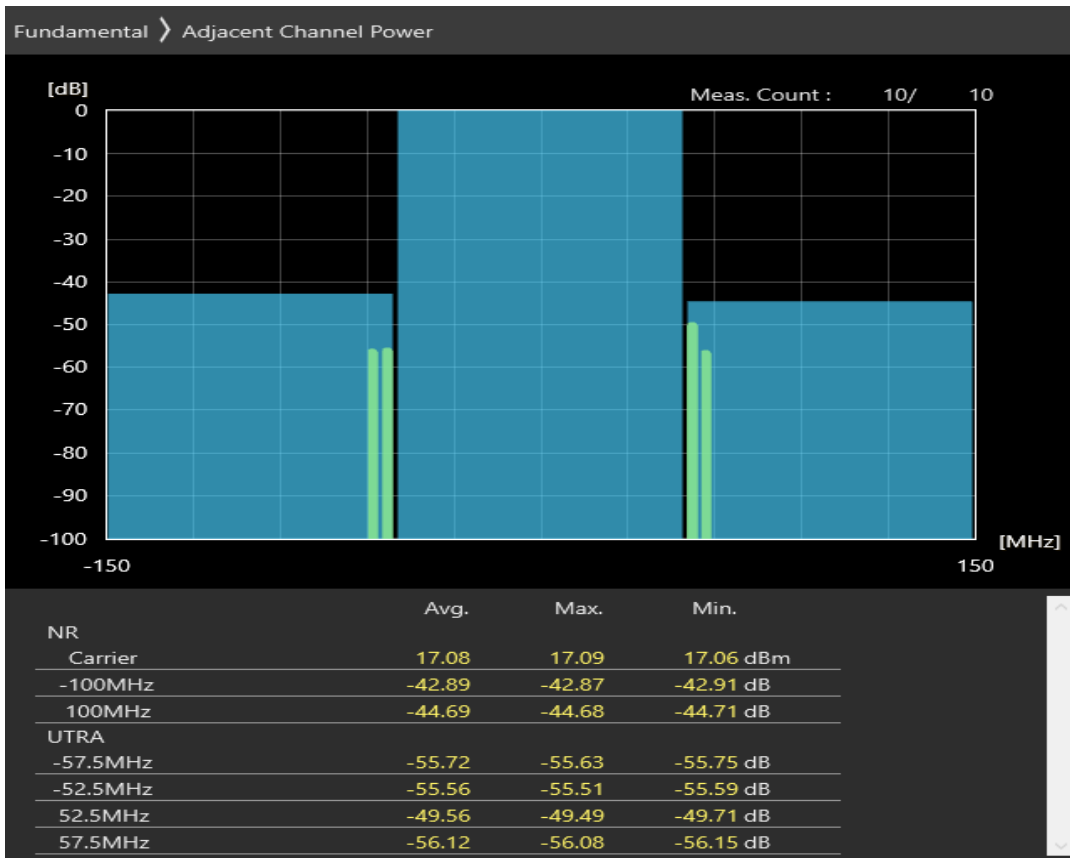
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n77 SCS=30kHz CP_QAM64 BW=100MHz Channel=676666 RB=273@0



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n77 SCS=30kHz CP_QAM256 BW=100MHz Channel=676666 RB=273@0



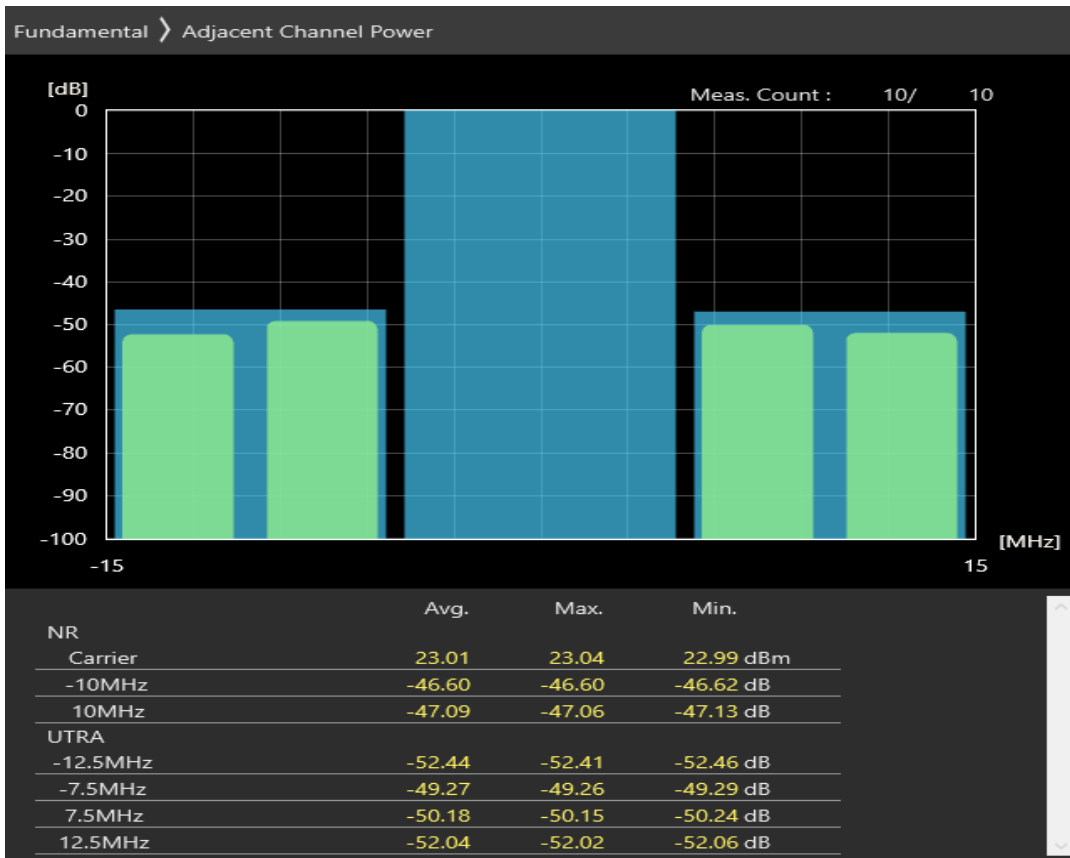
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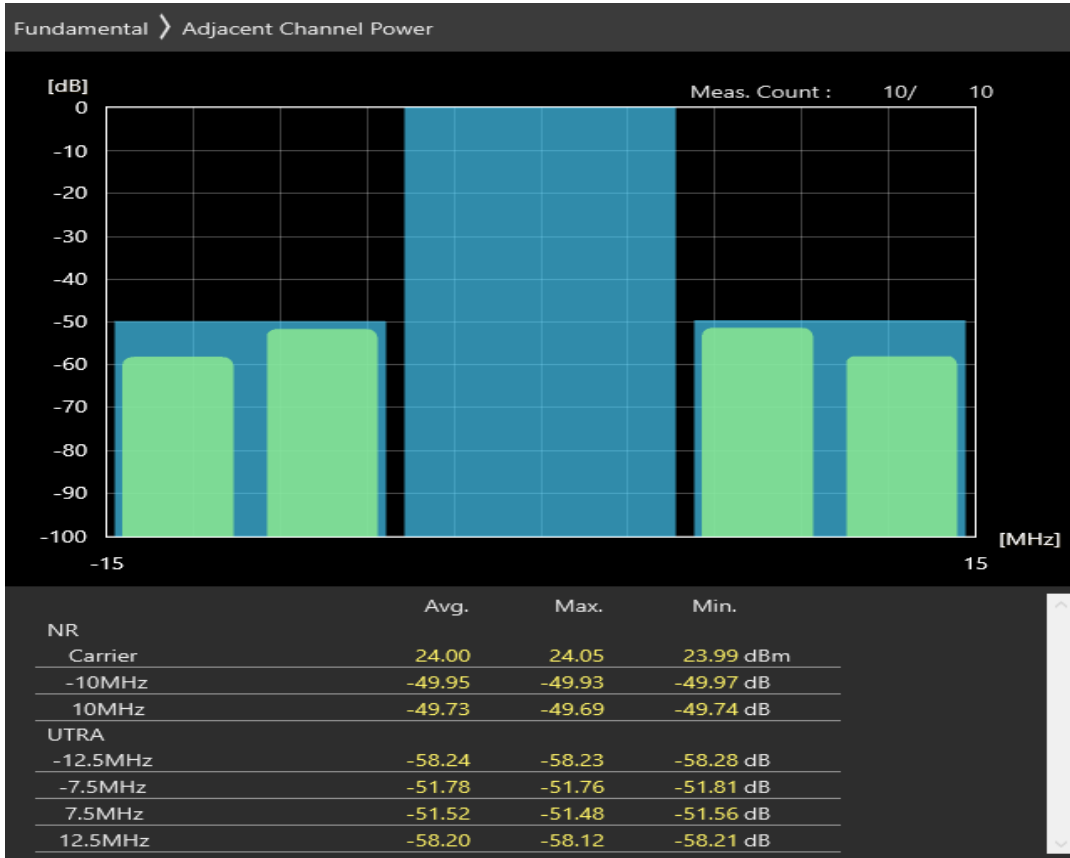
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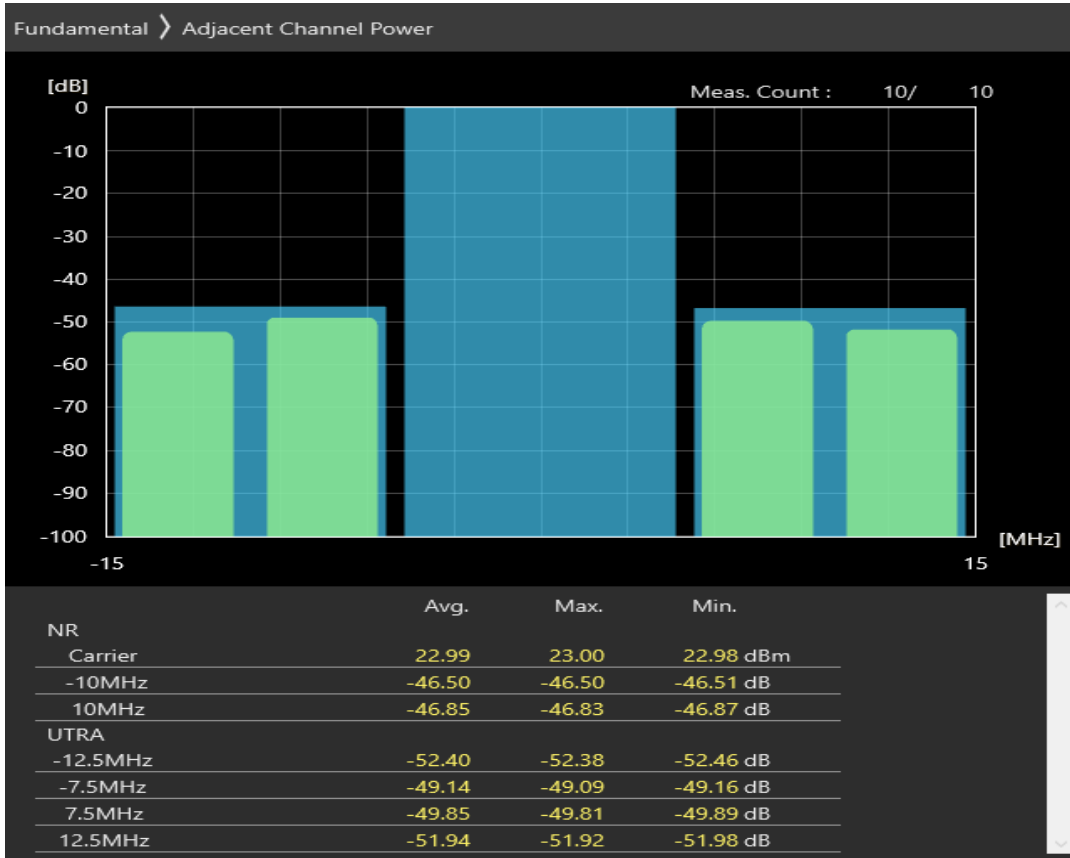
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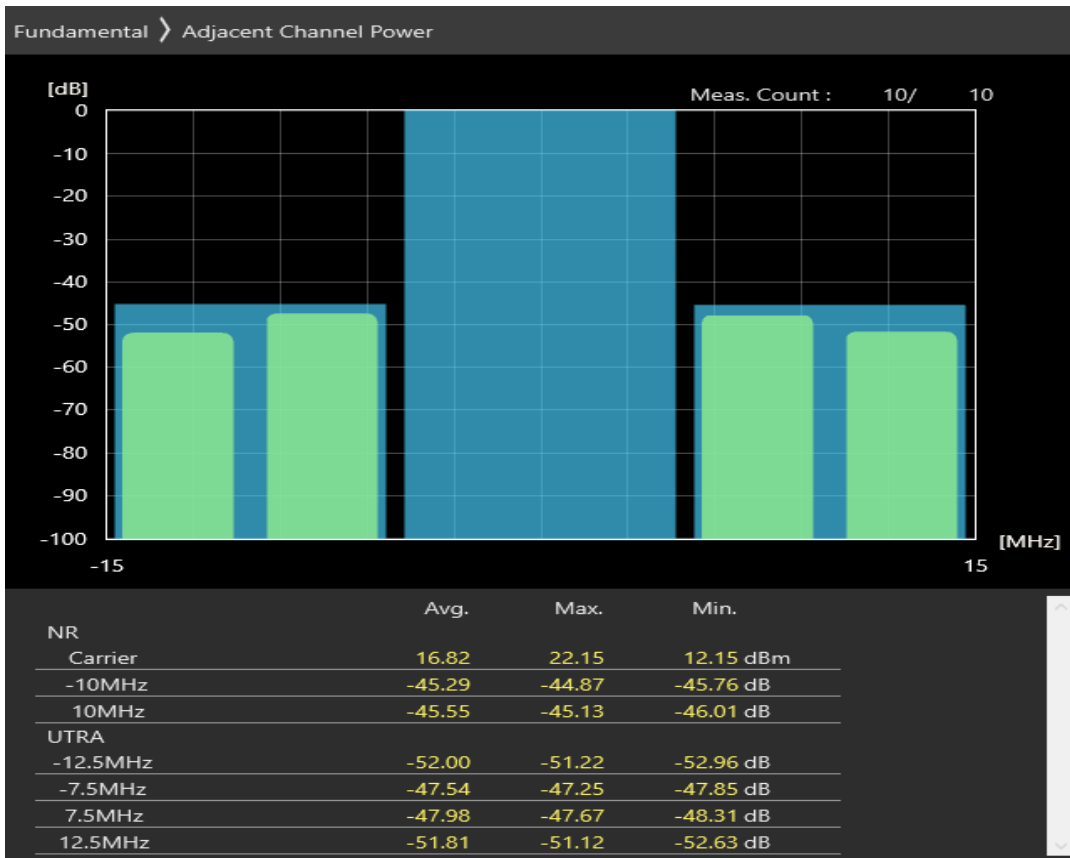
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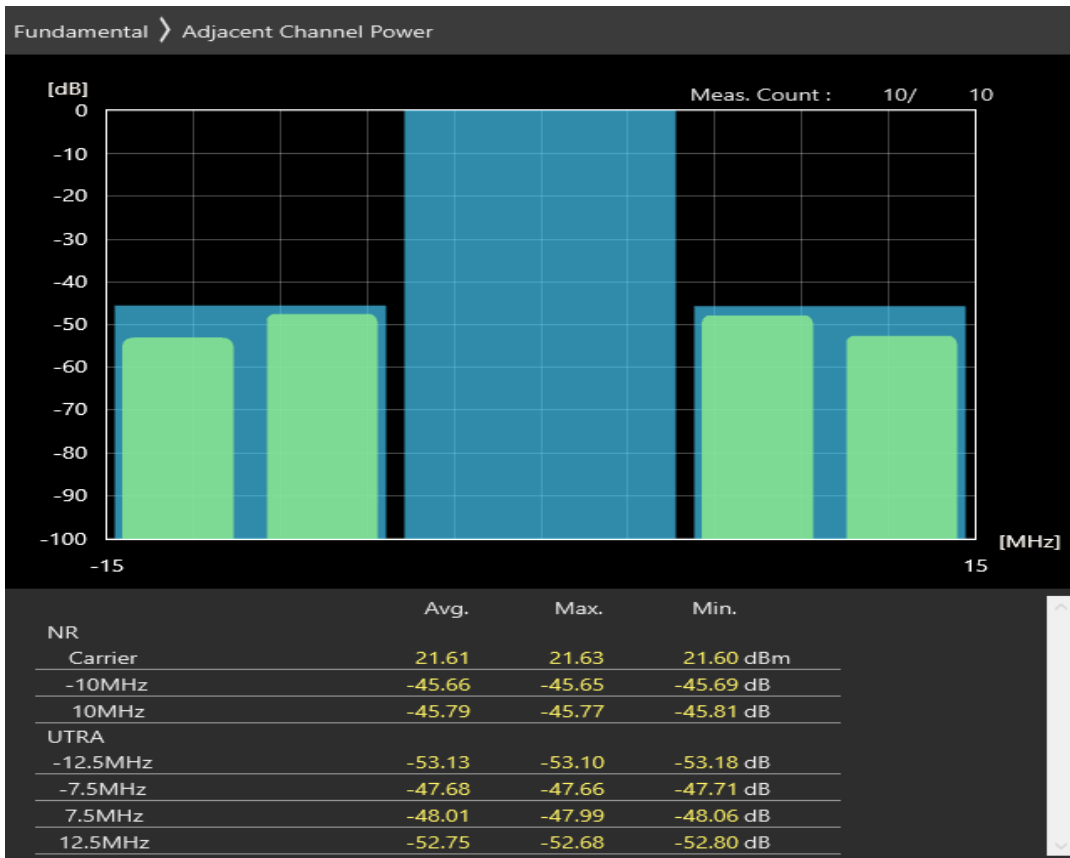
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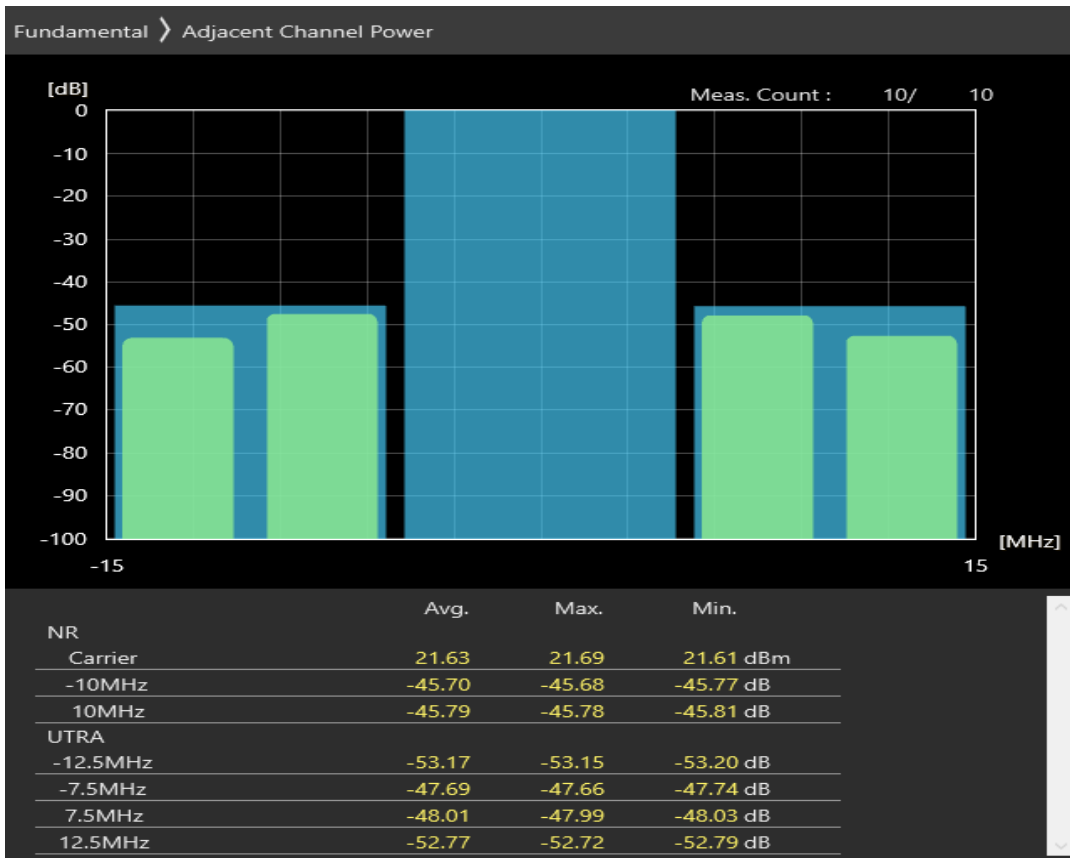
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n78 SCS=30kHz DFT_QAM256 BW=10MHz Channel=647000 RB=1@0



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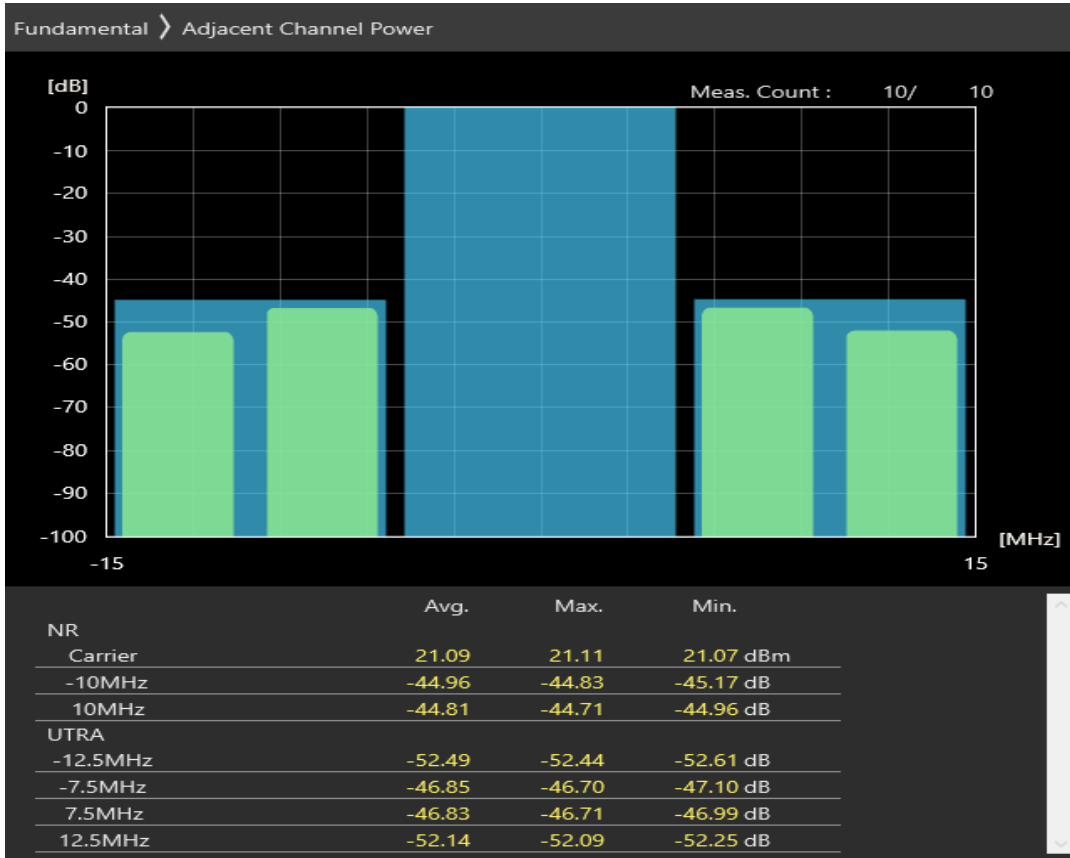
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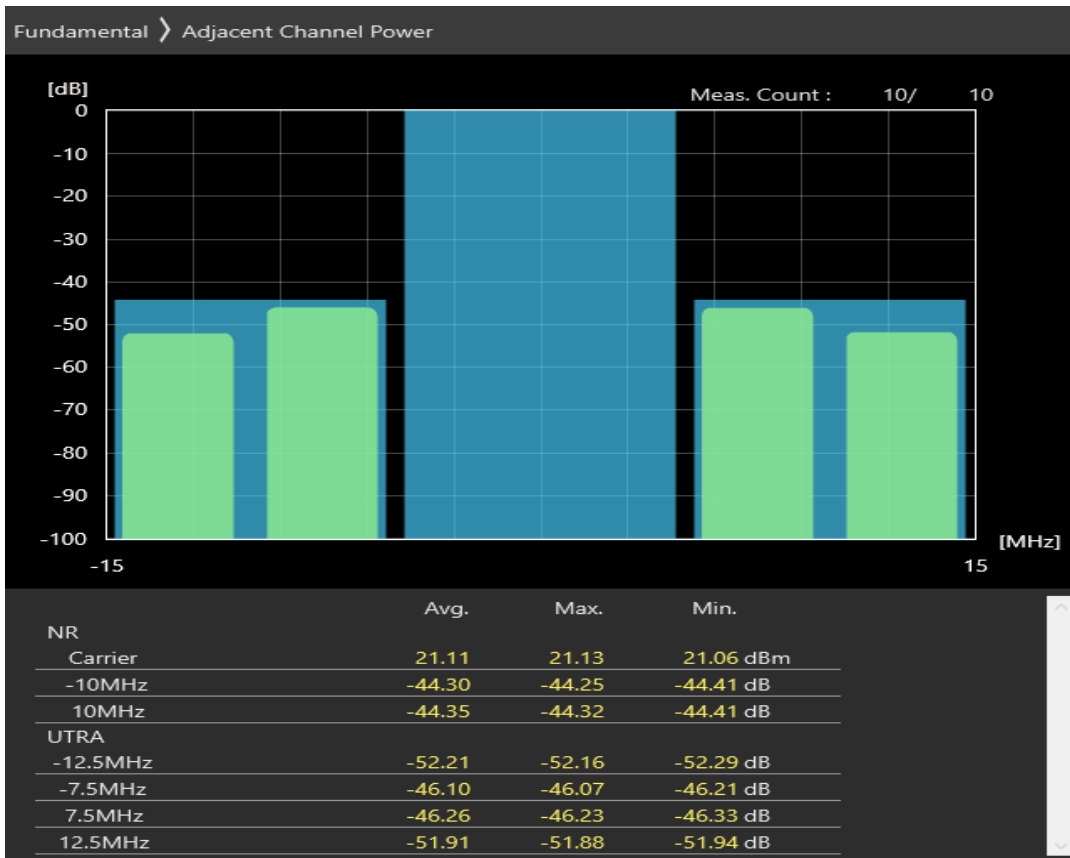
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n78 SCS=30kHz CP_QAM16 BW=10MHz Channel=647000 RB=1@0



n78 SCS=30kHz CP_QAM16 BW=10MHz Channel=647000 RB=24@0



n78 SCS=30kHz CP_QAM64 BW=10MHz Channel=647000 RB=1@0



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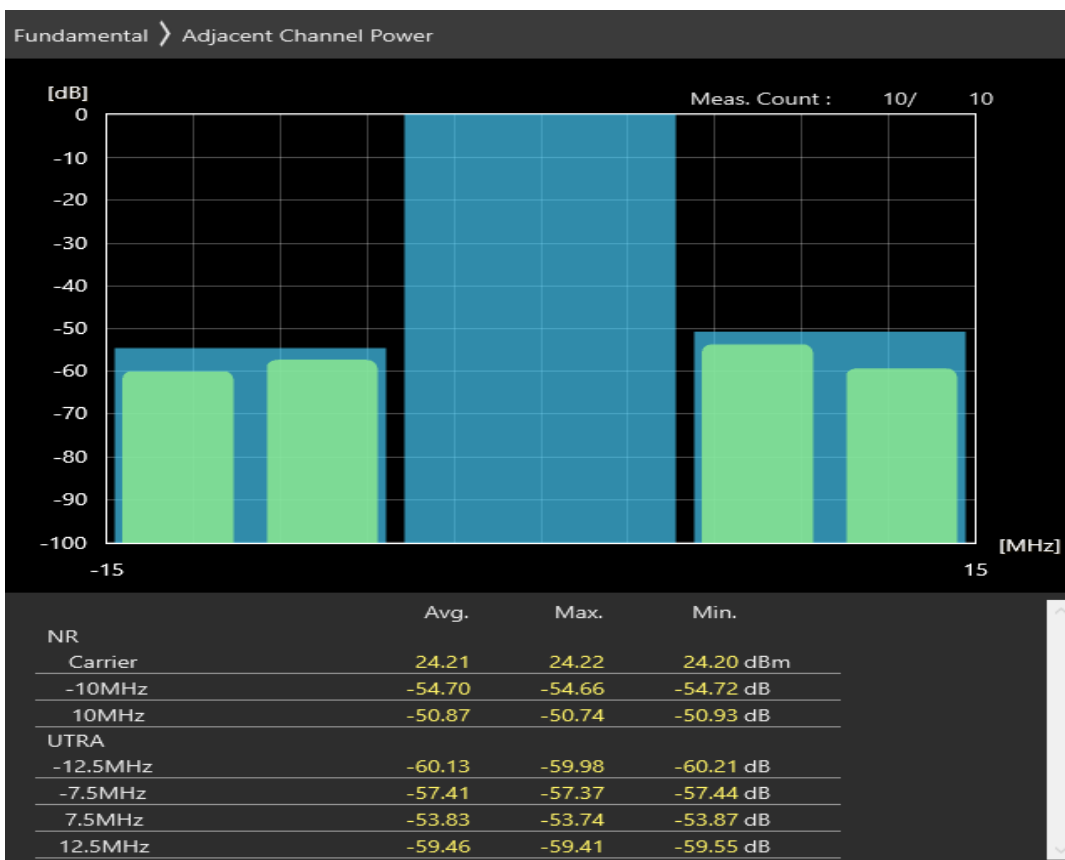
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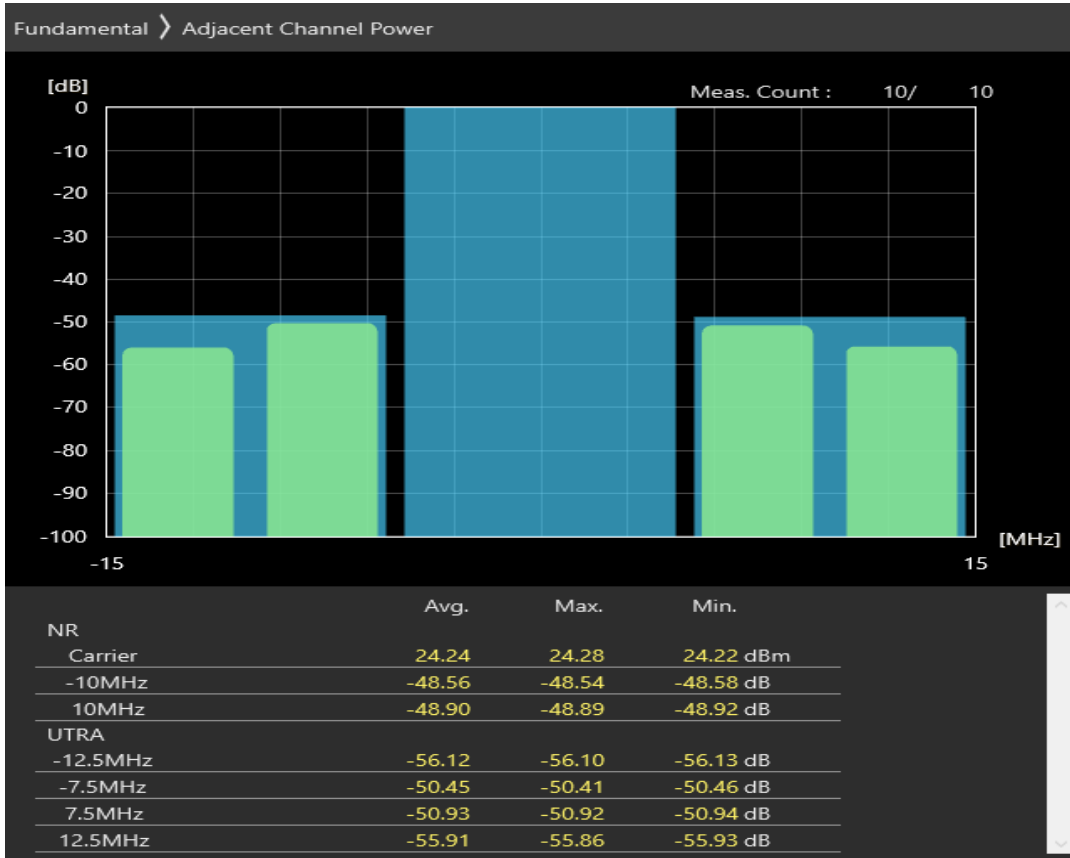
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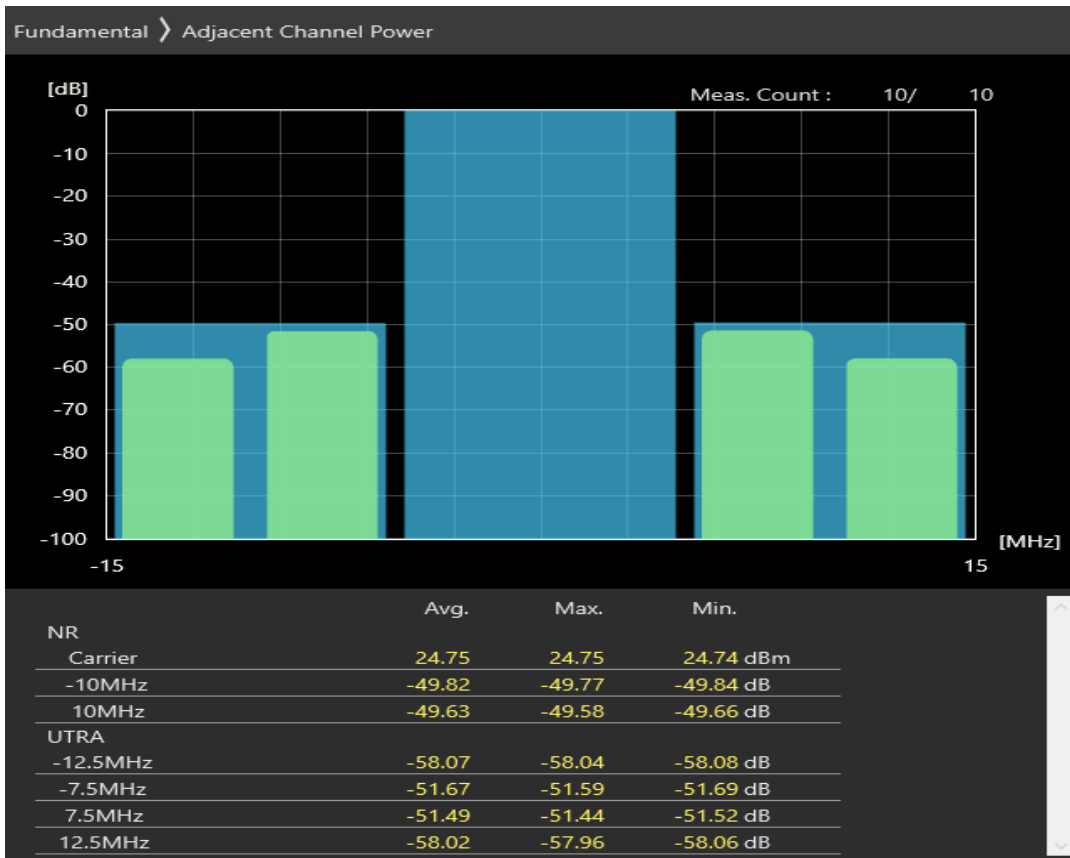
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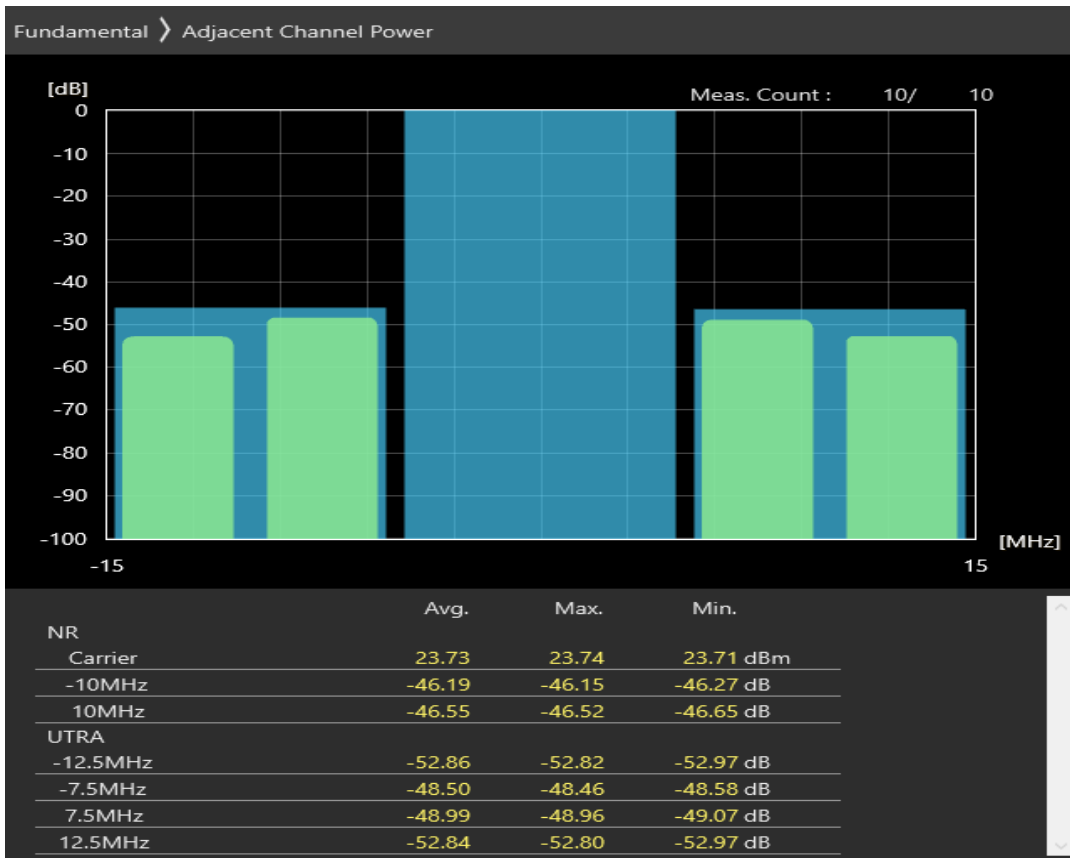
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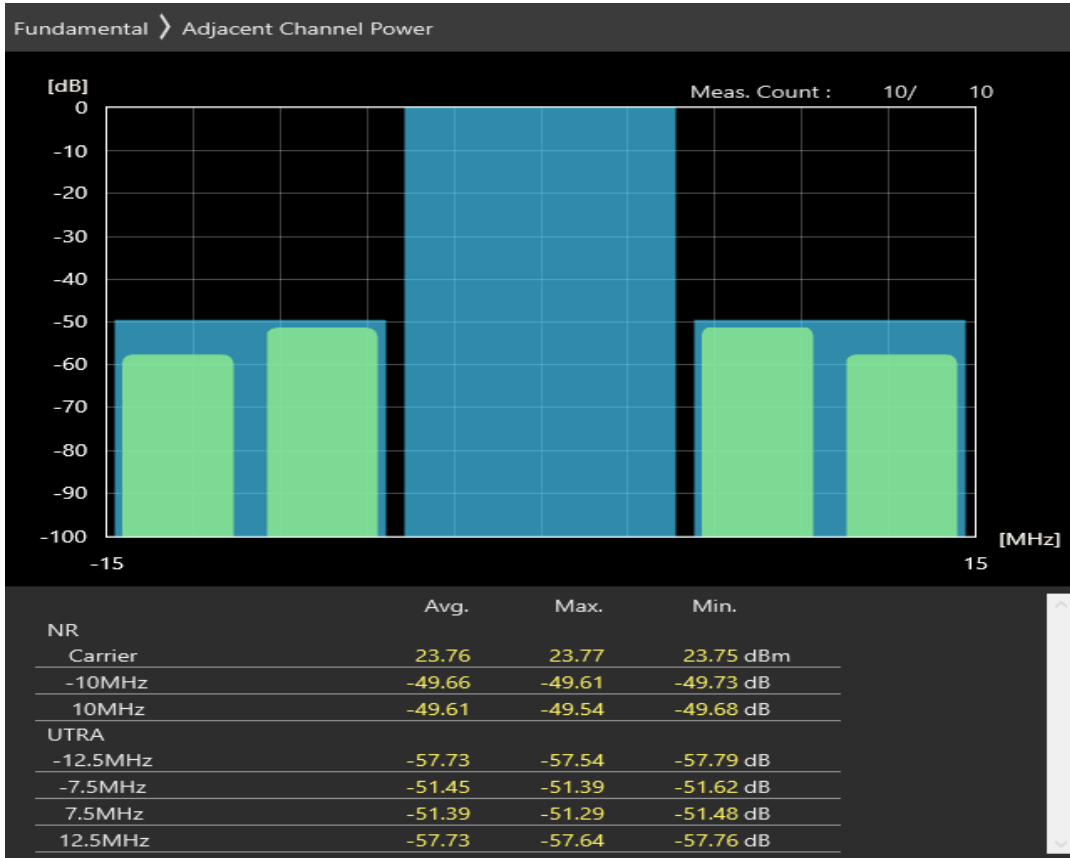
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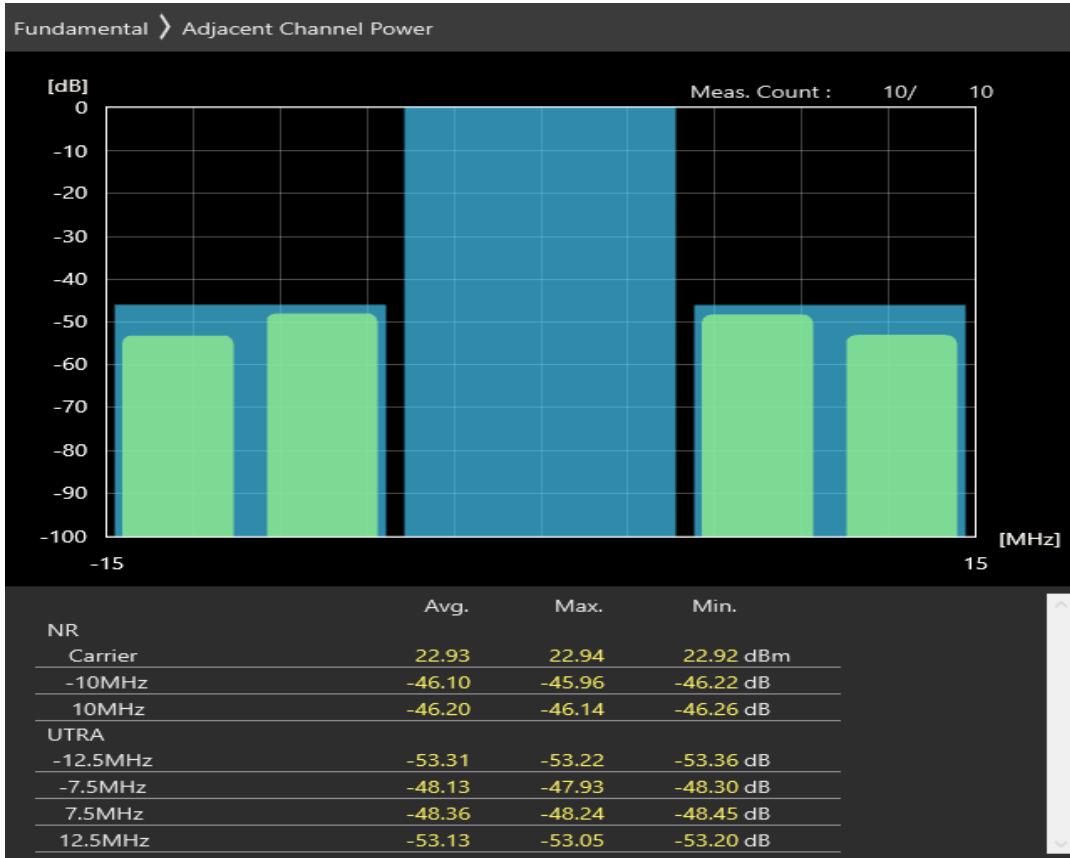
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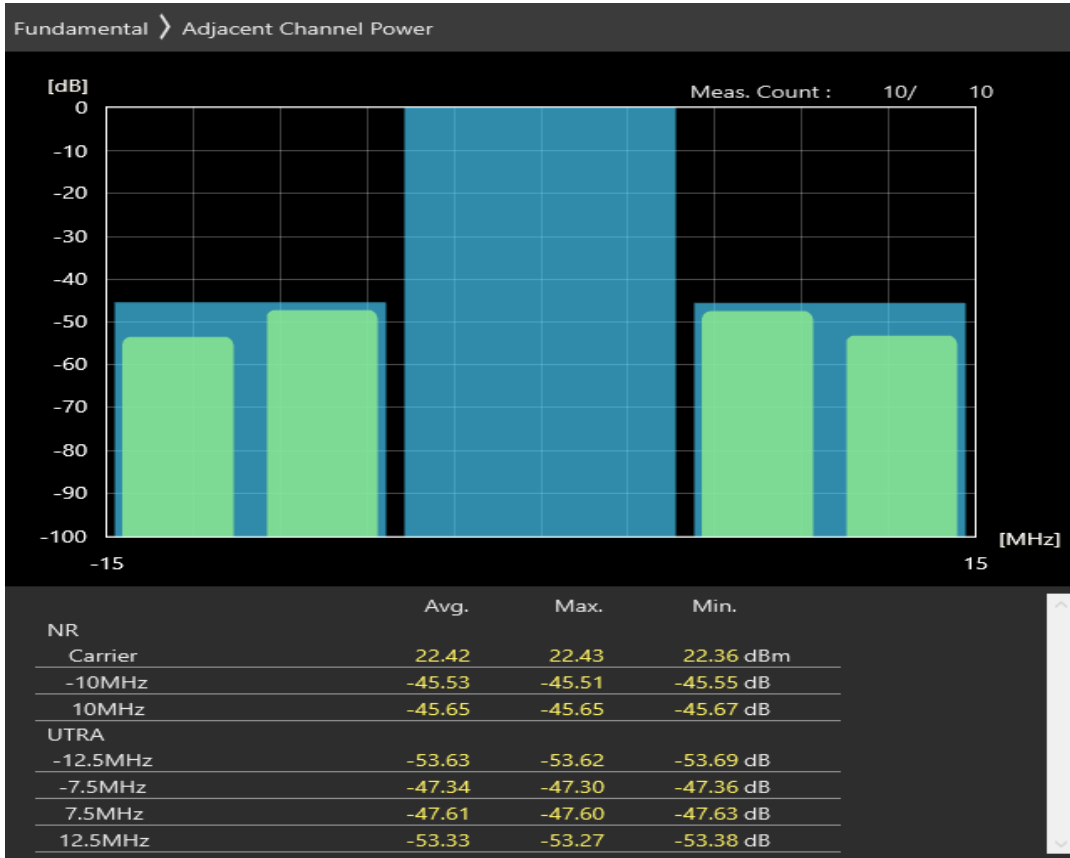
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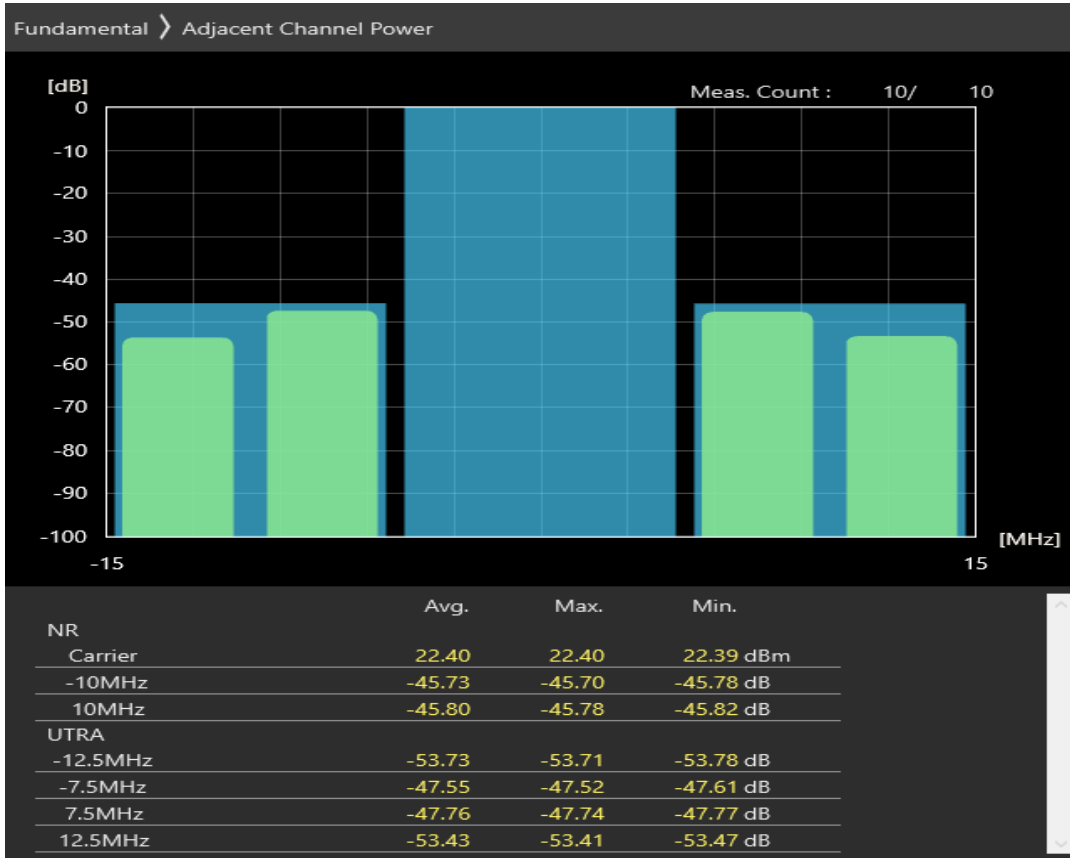
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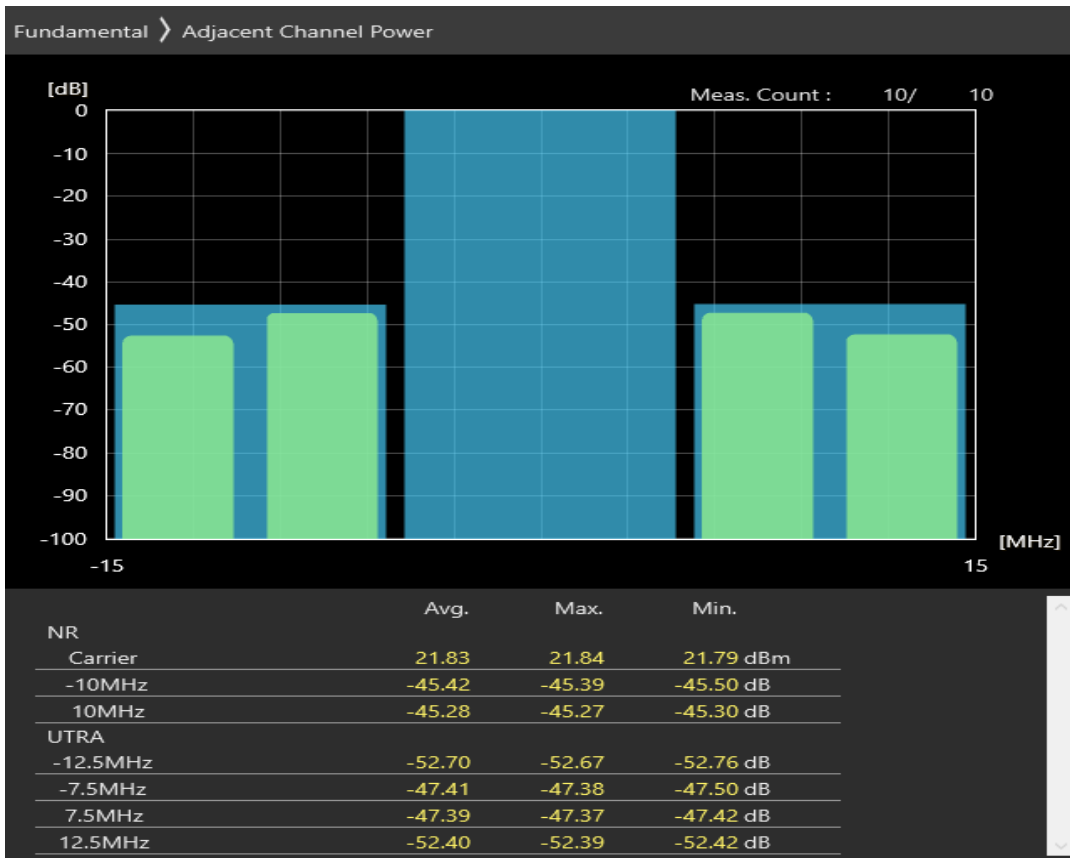
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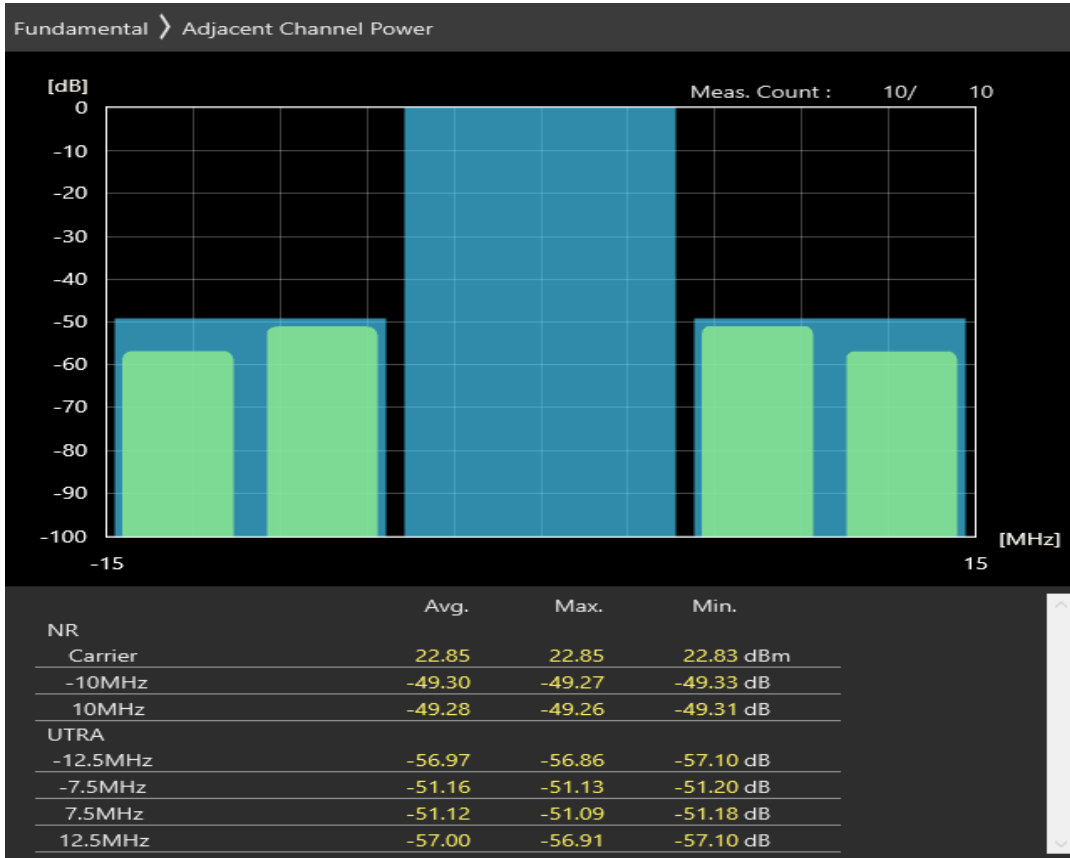
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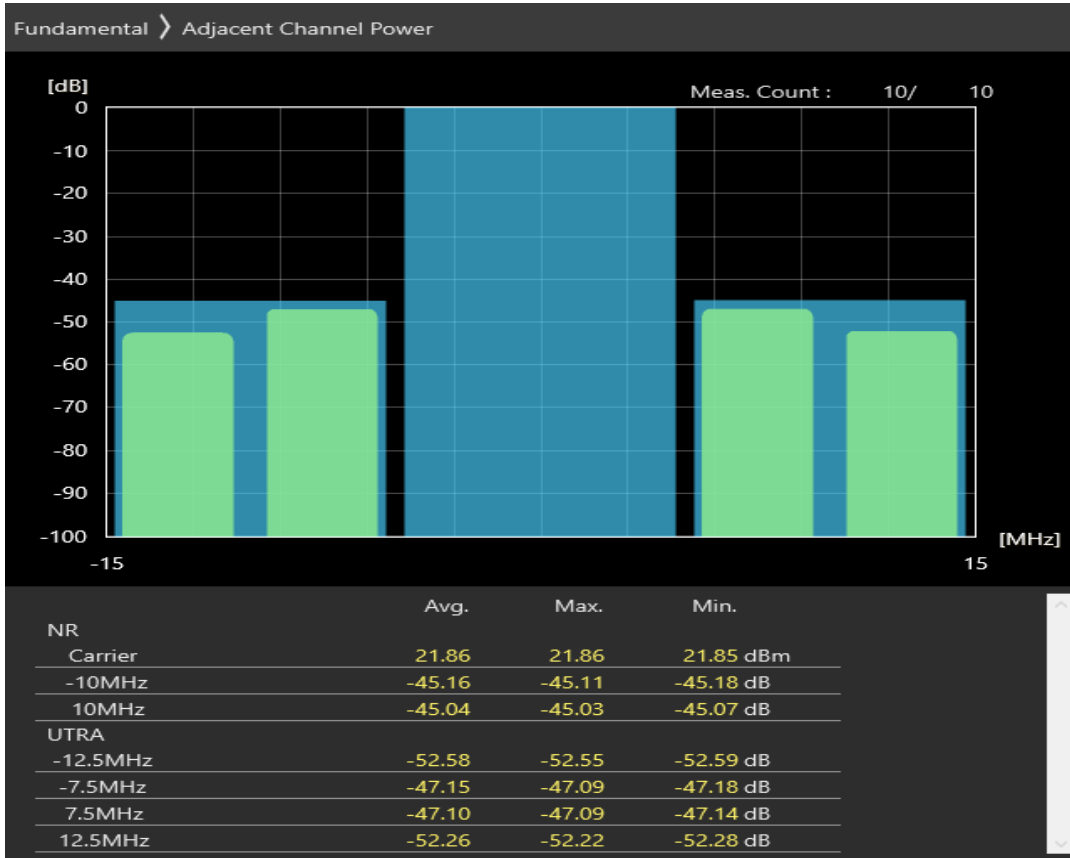
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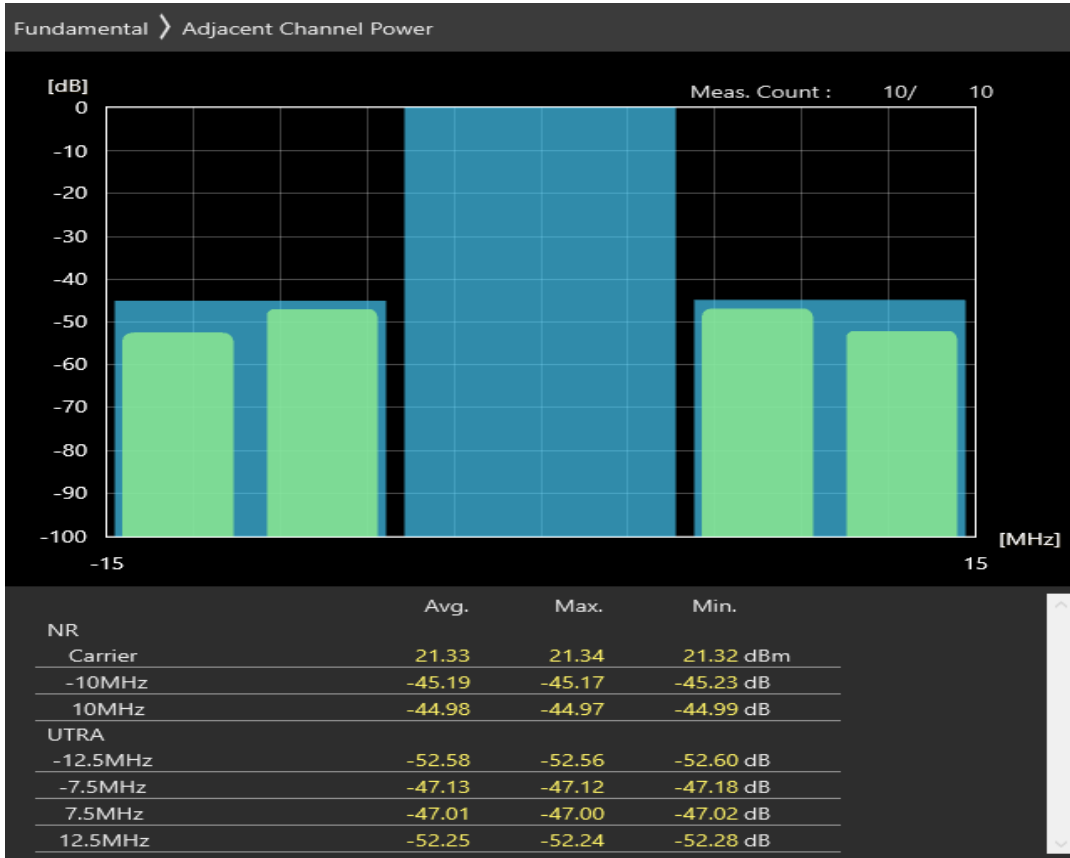
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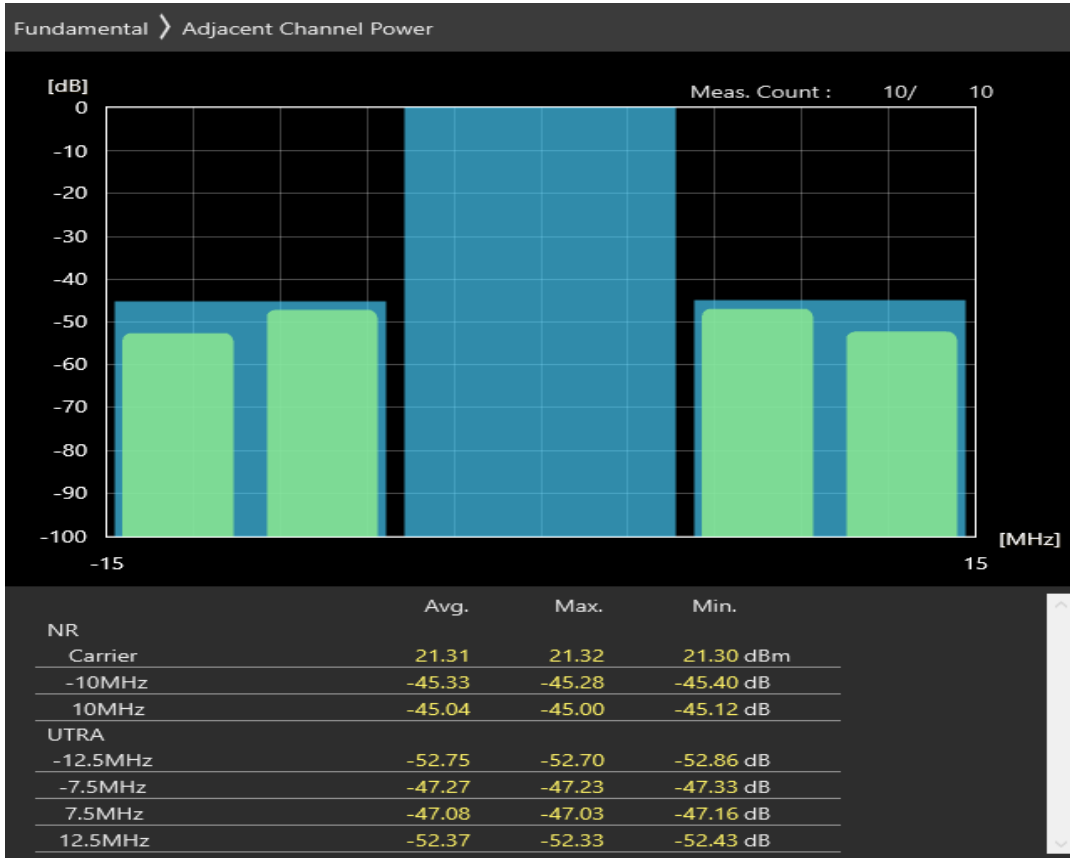
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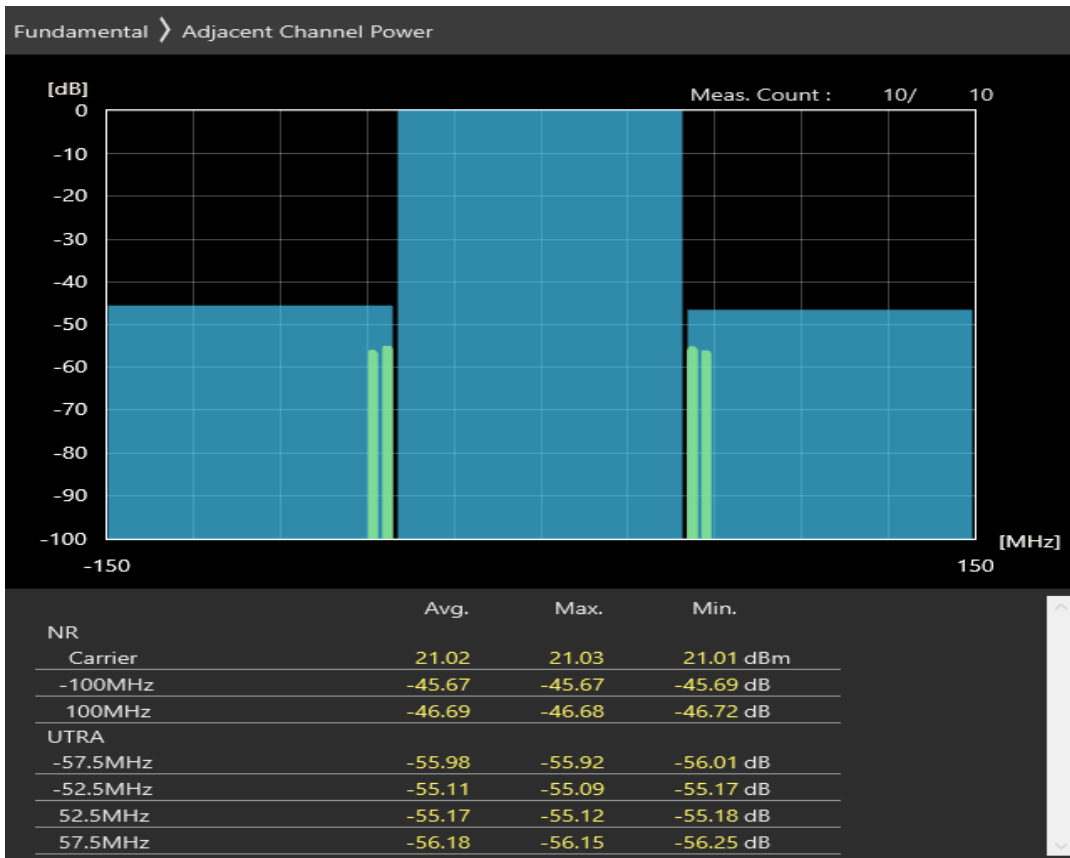
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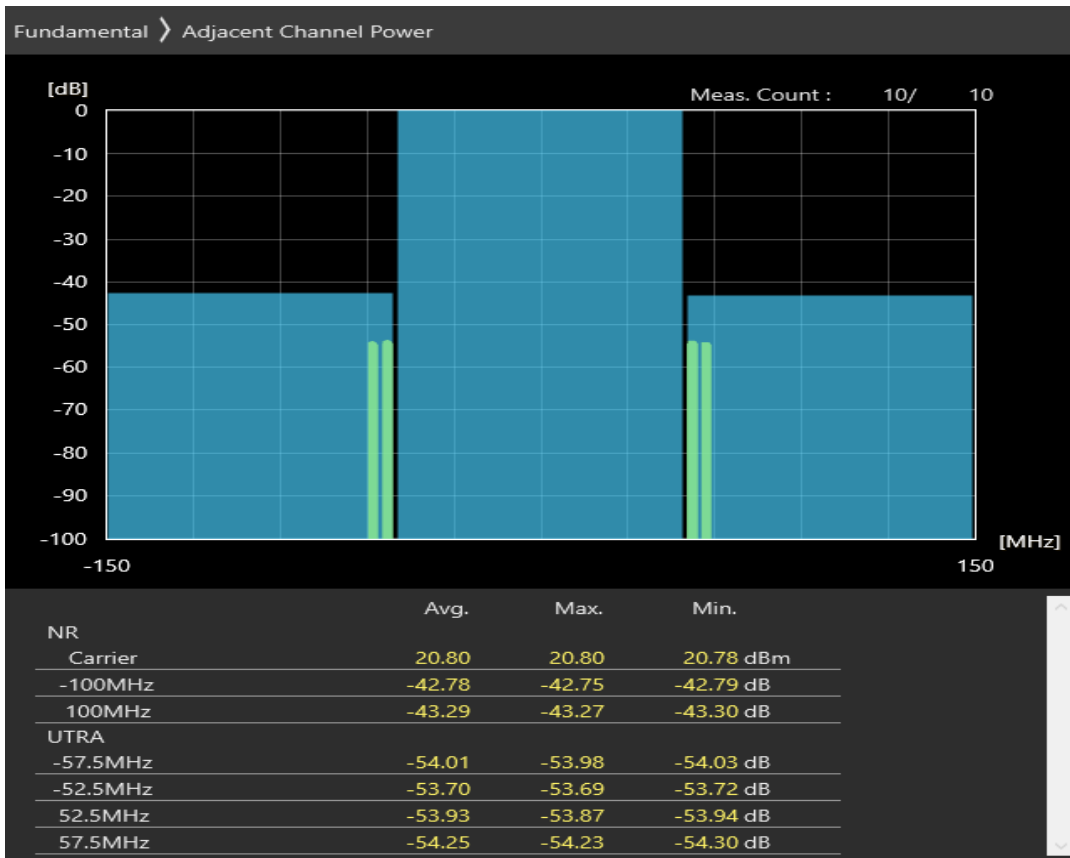
n78 SCS=30kHz DFT_BPSK BW=100MHz Channel=650000 RB=135@67



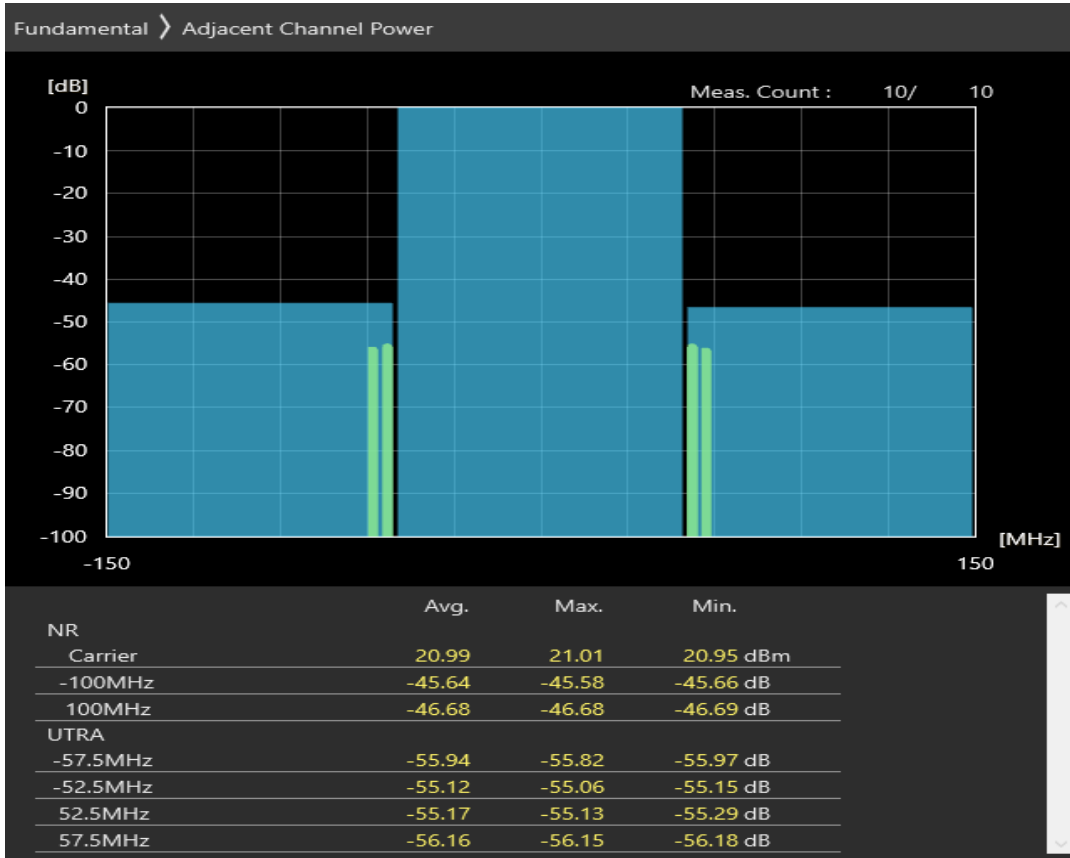
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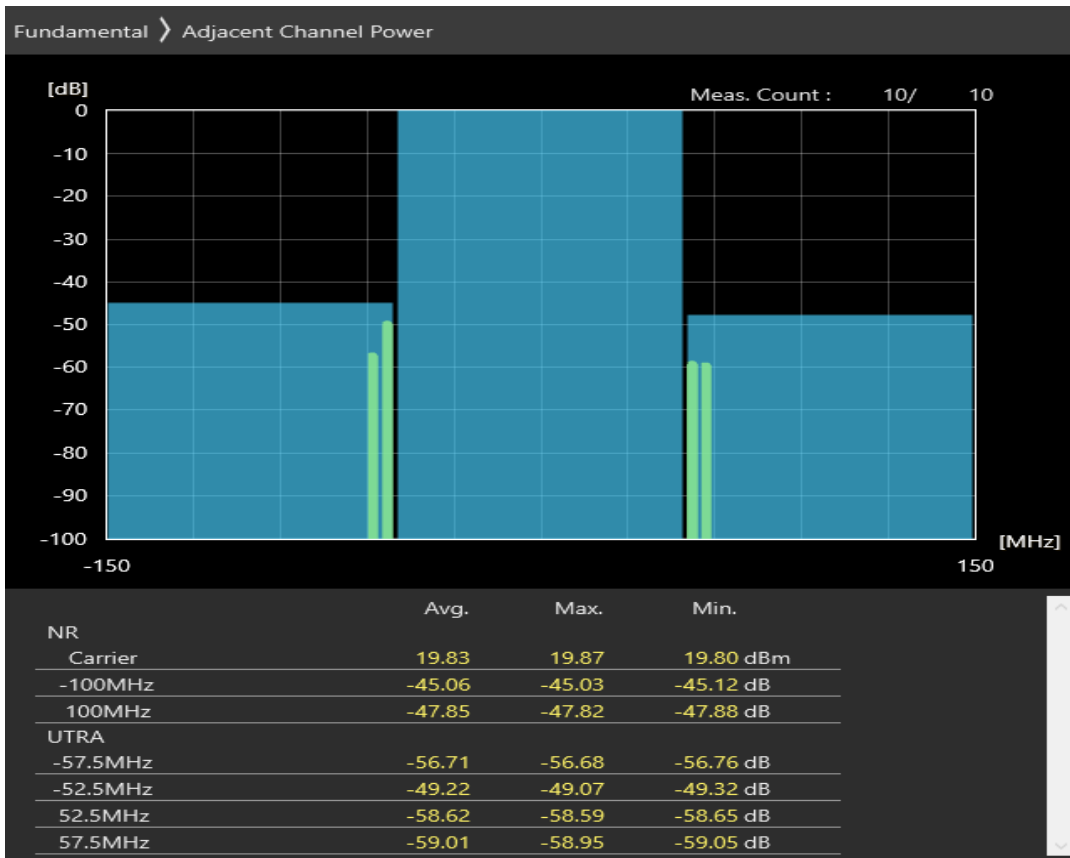
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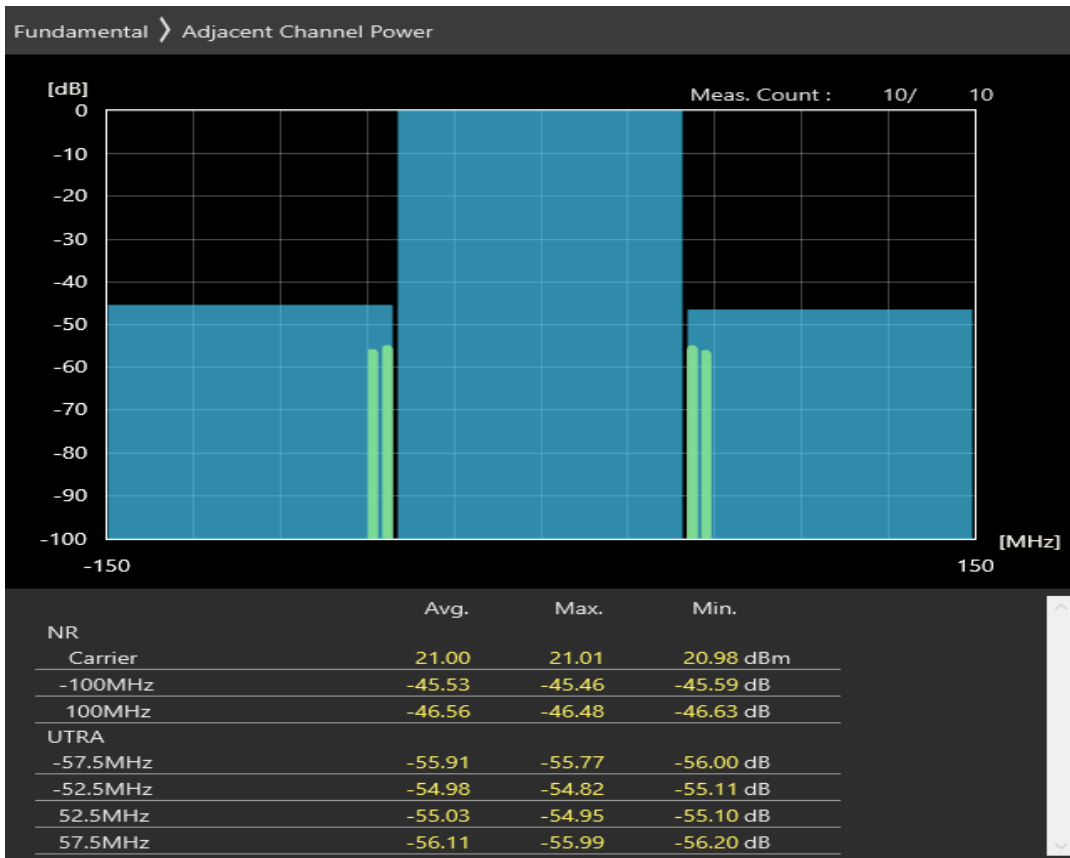
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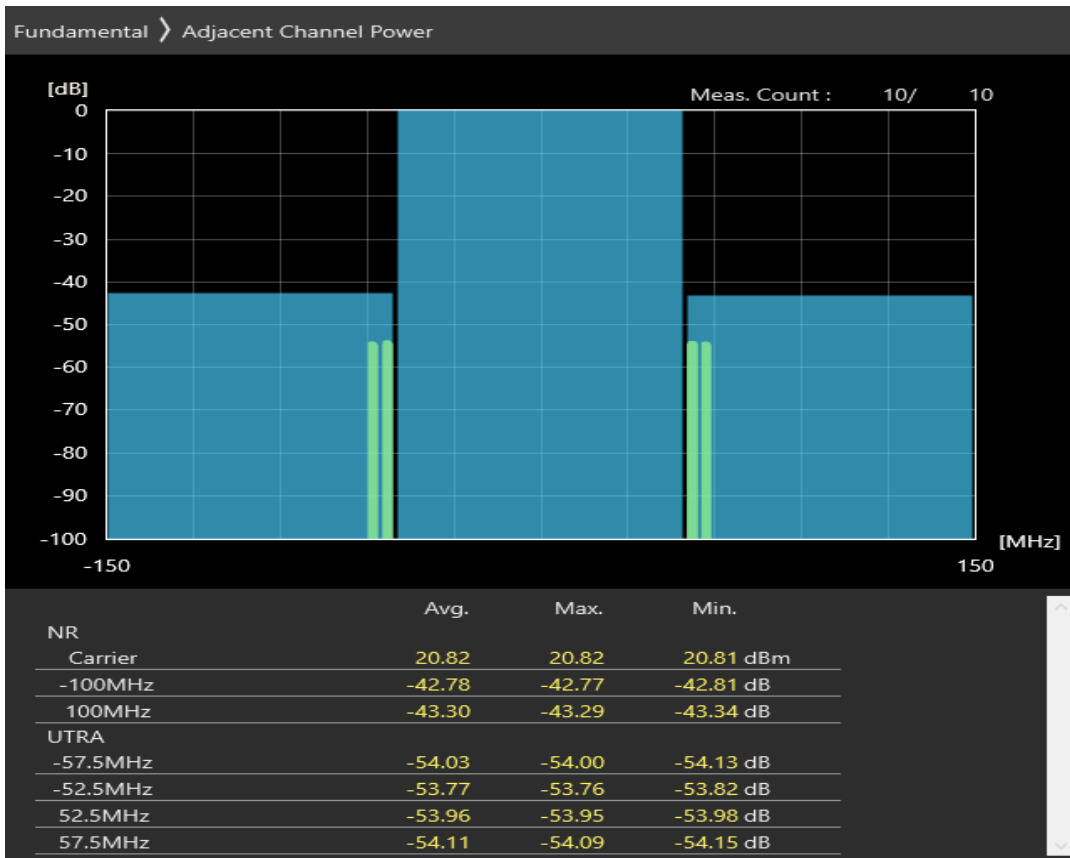
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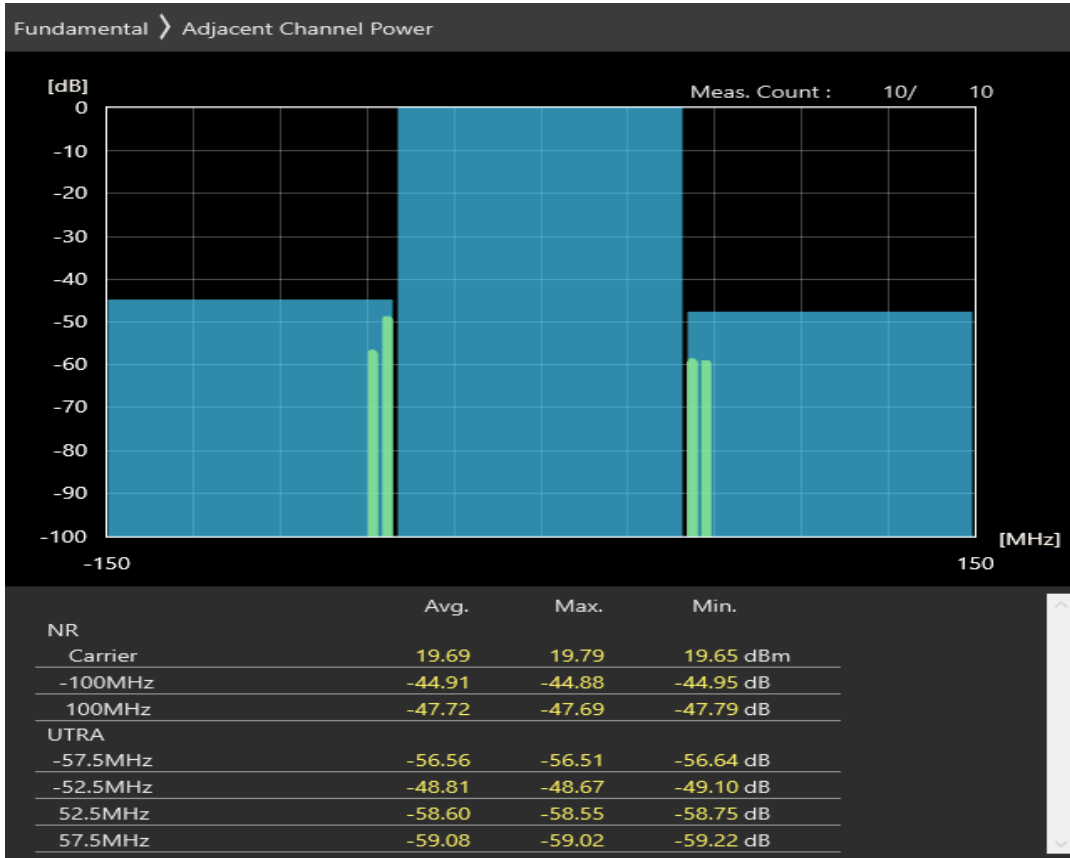
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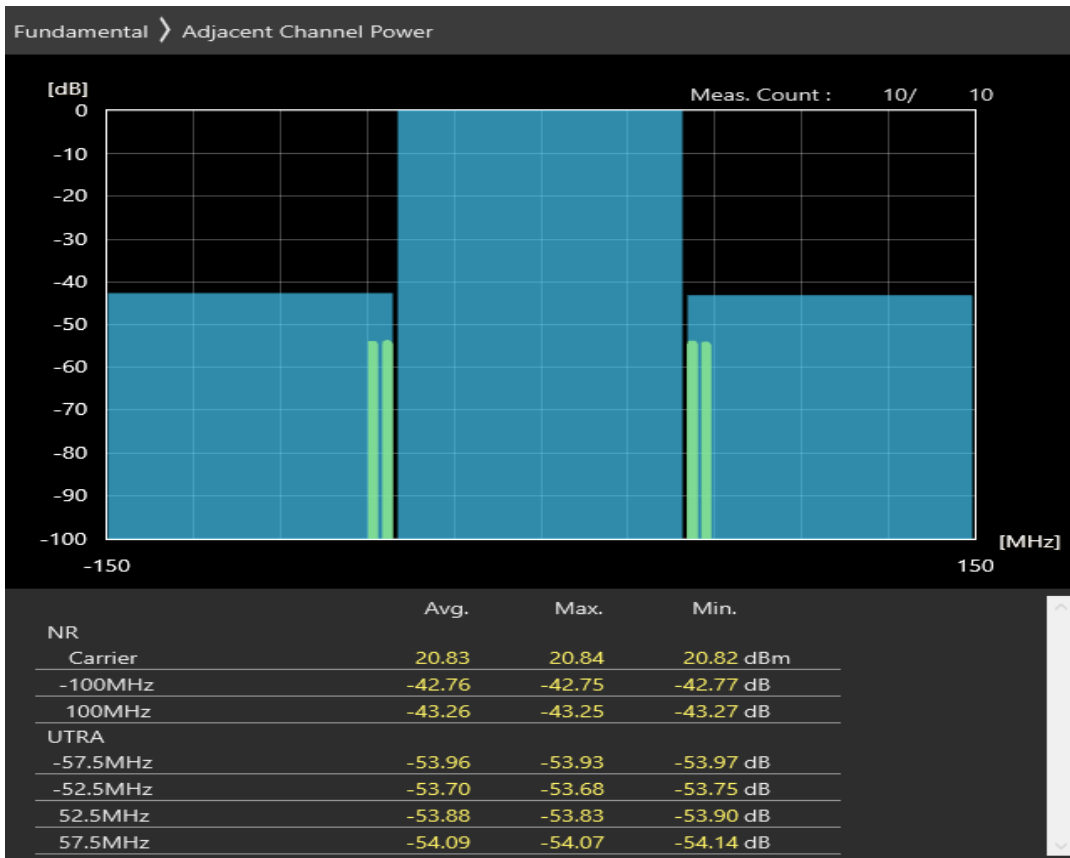
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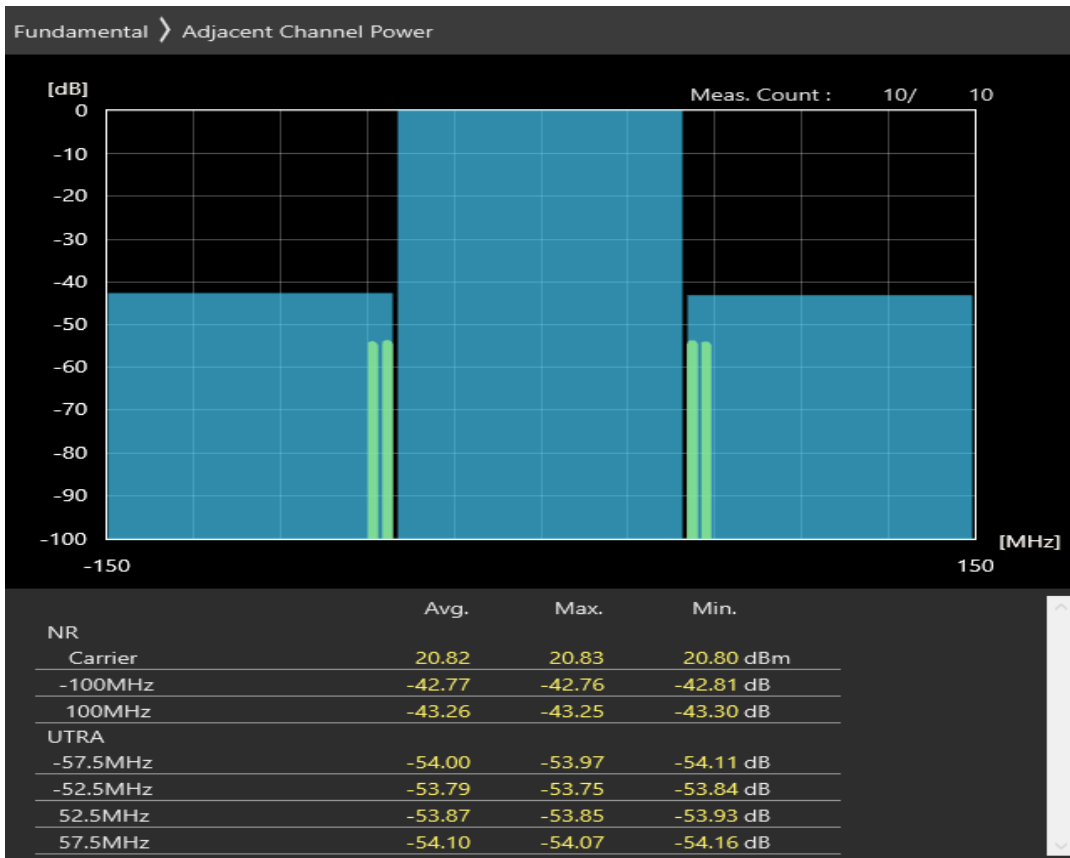
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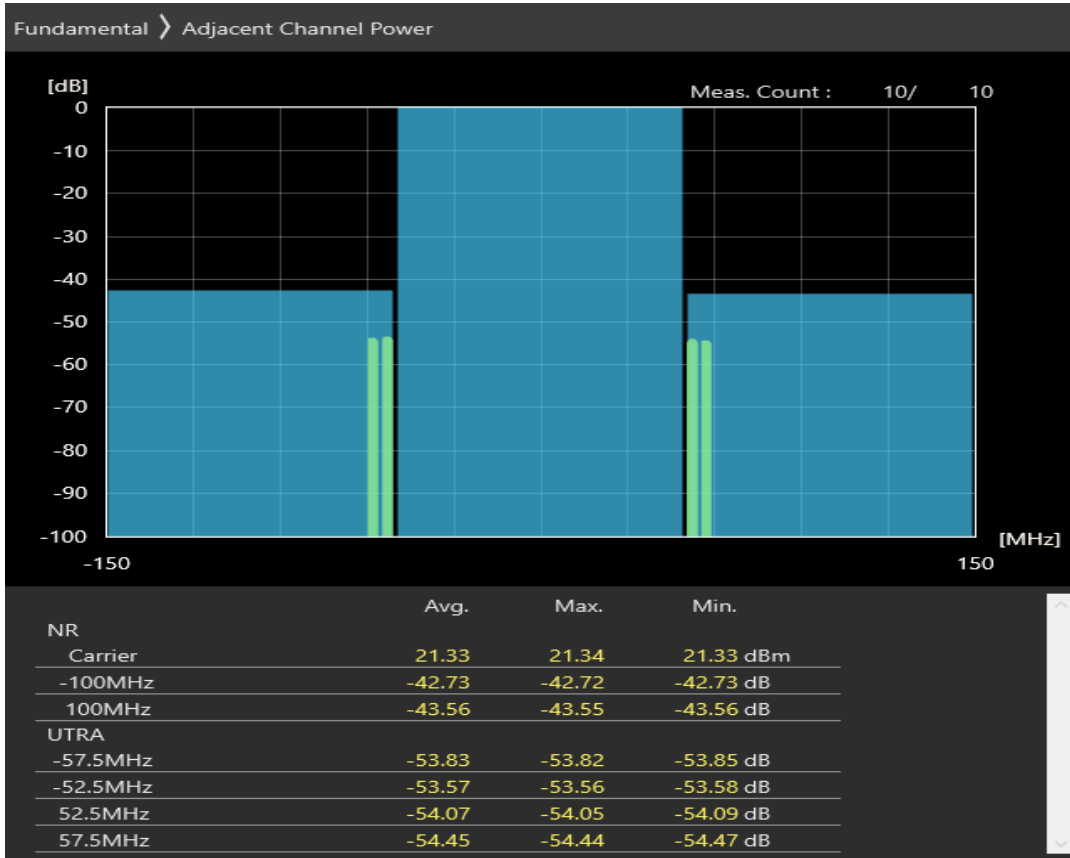
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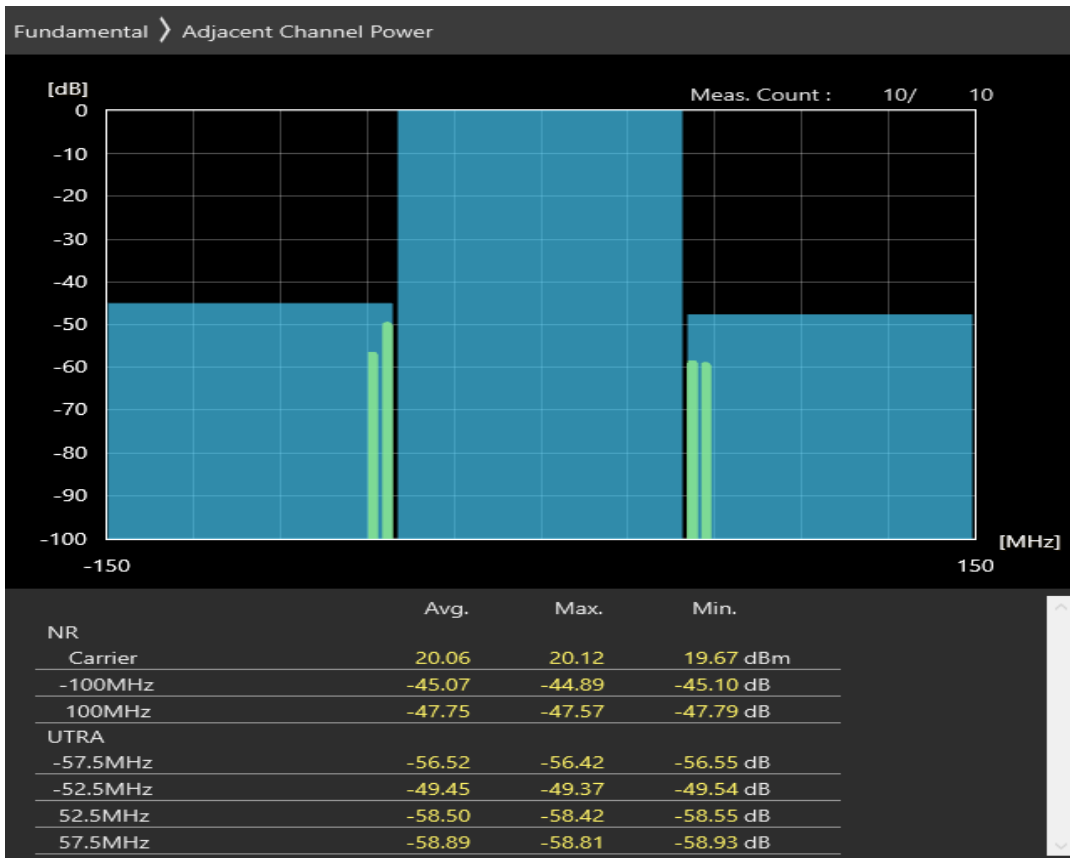
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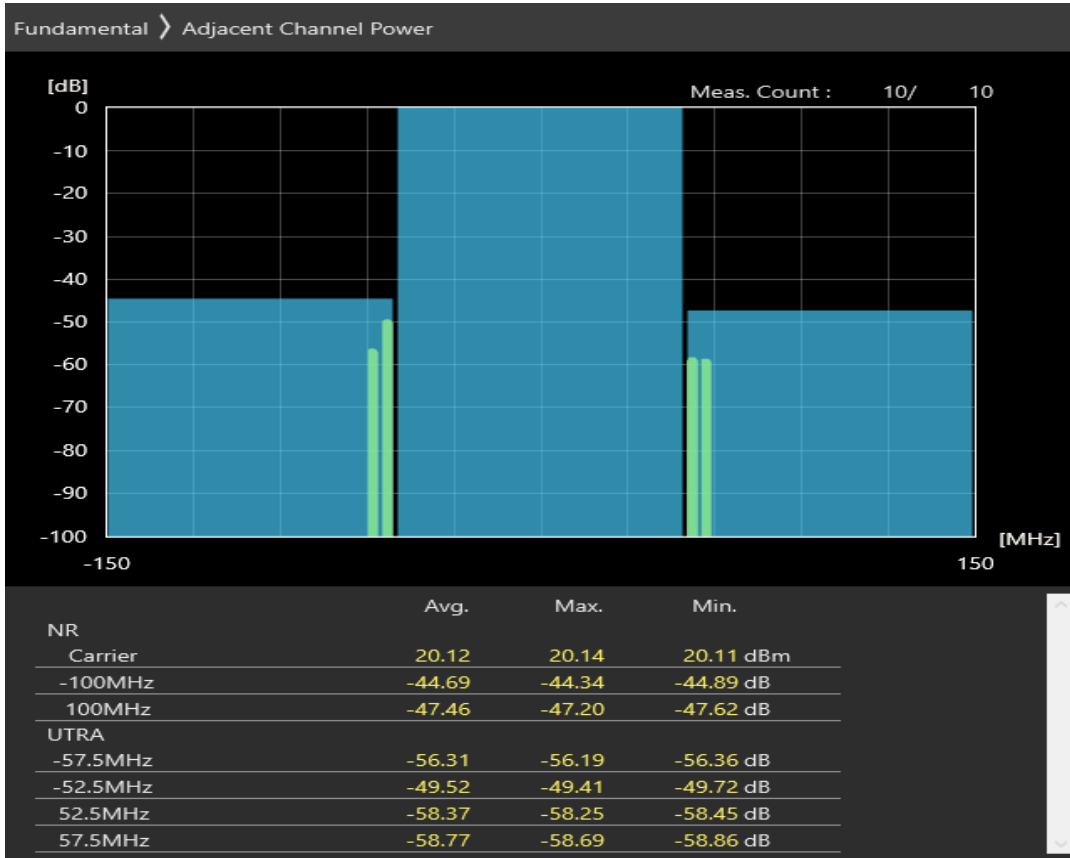
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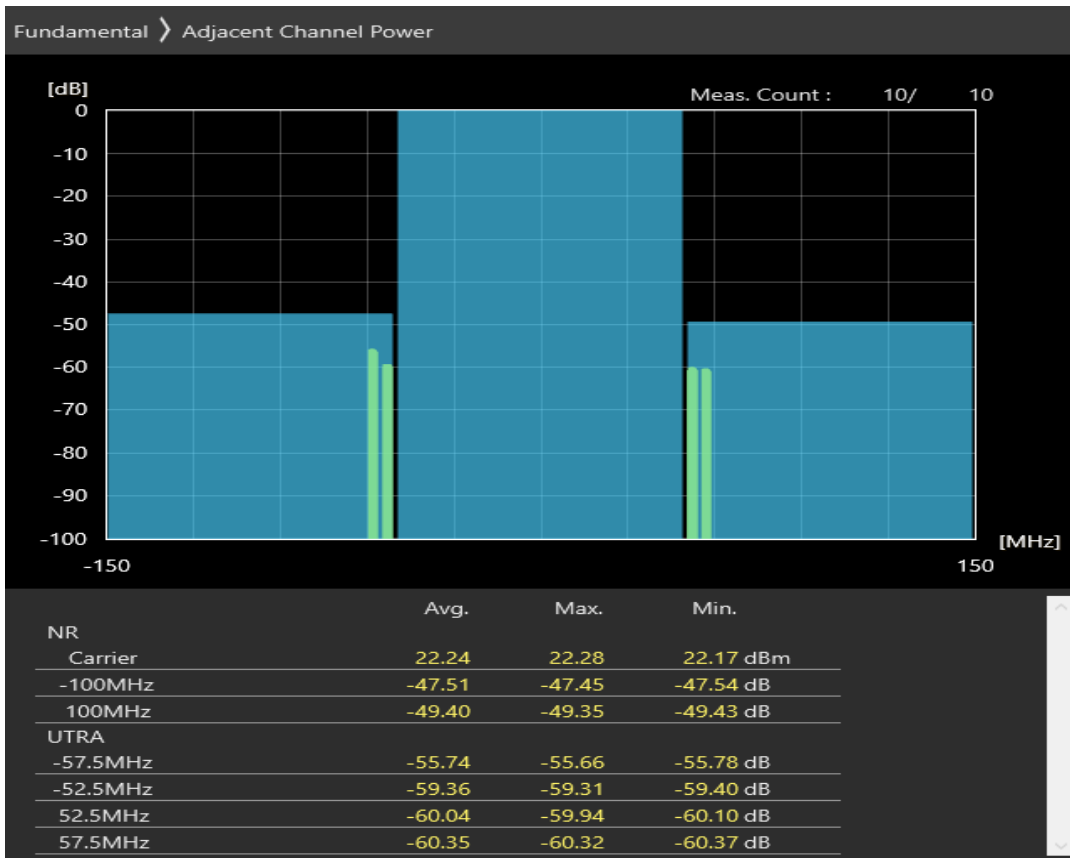
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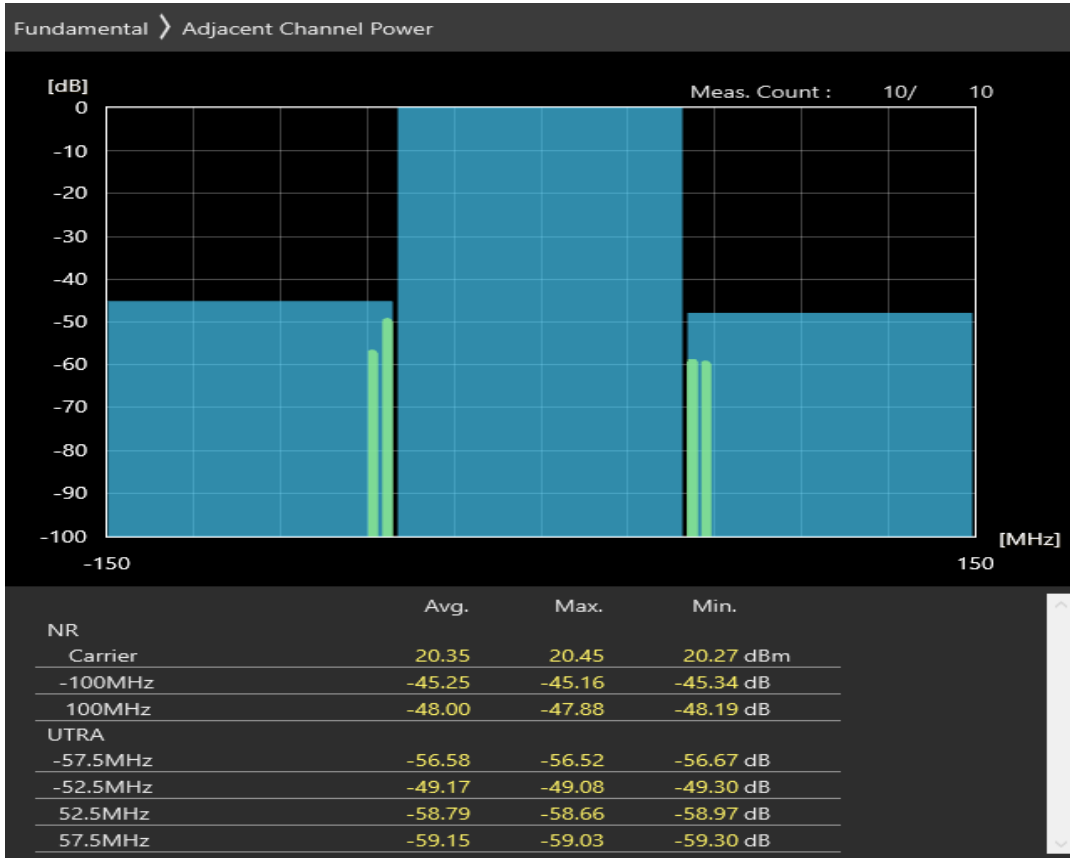
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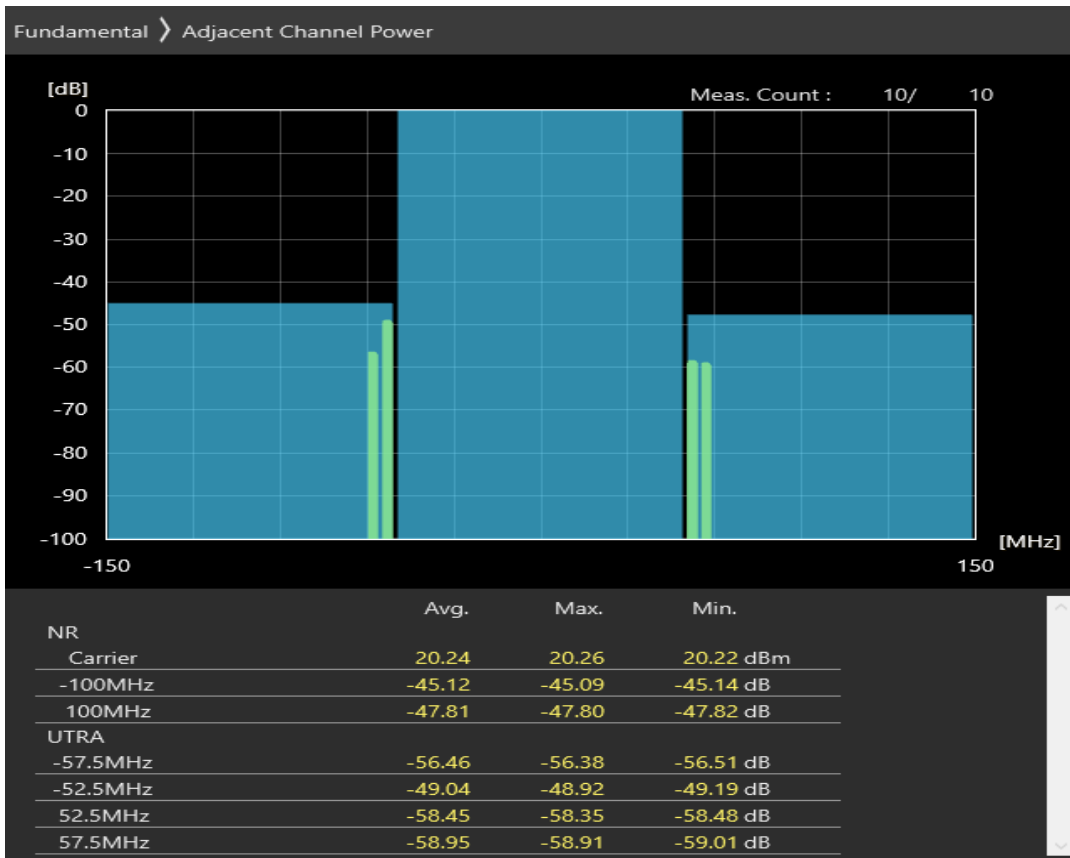
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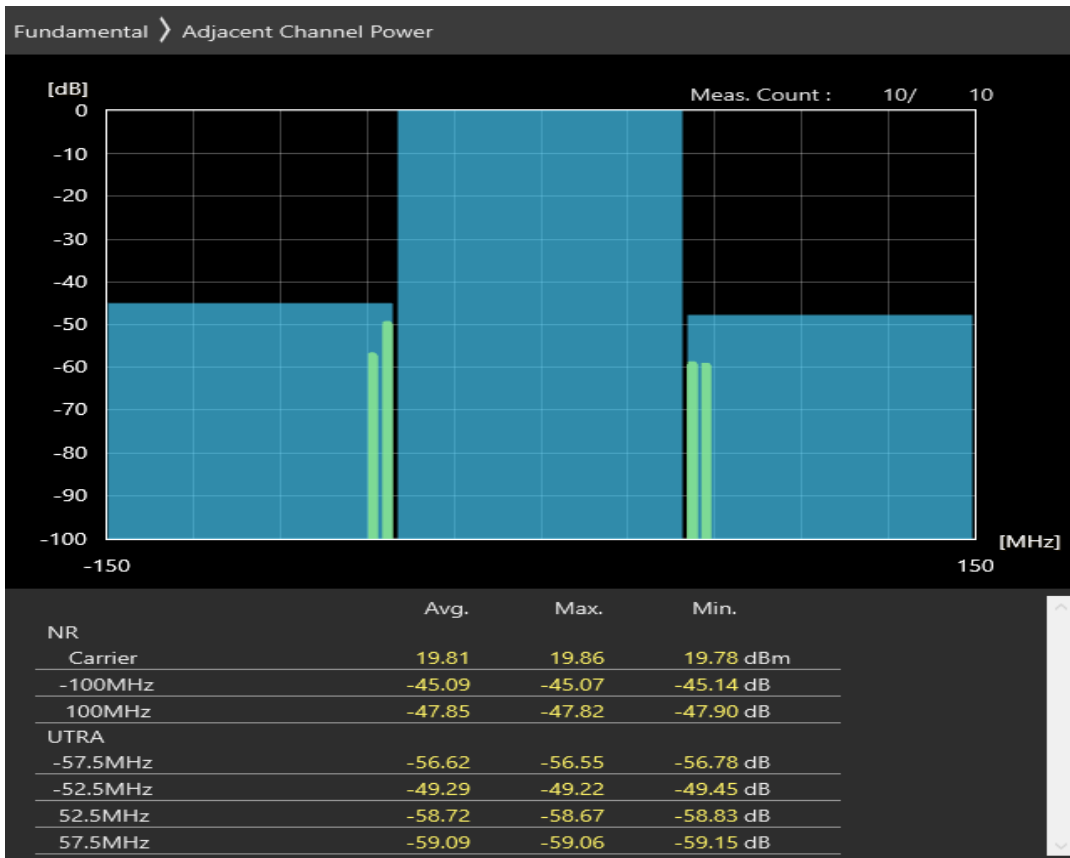
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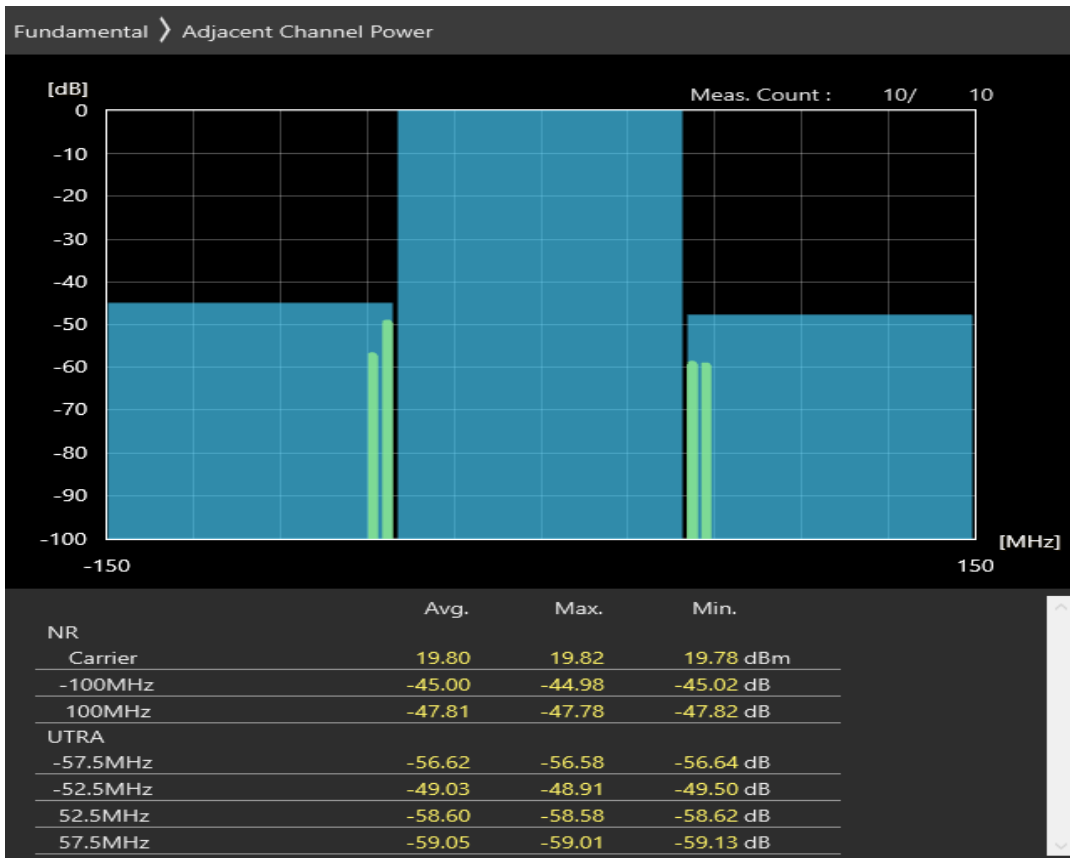
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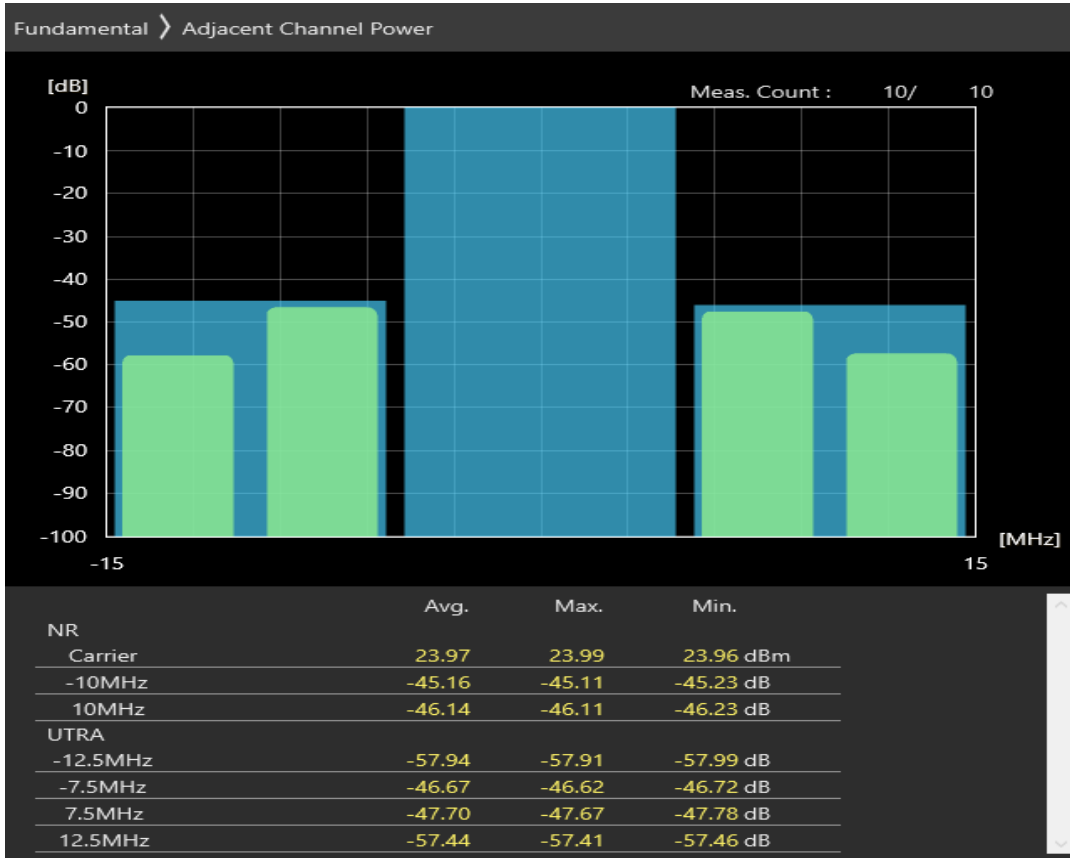
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n78 SCS=30kHz CP_QAM256 BW=100MHz Channel=650000 RB=273@0



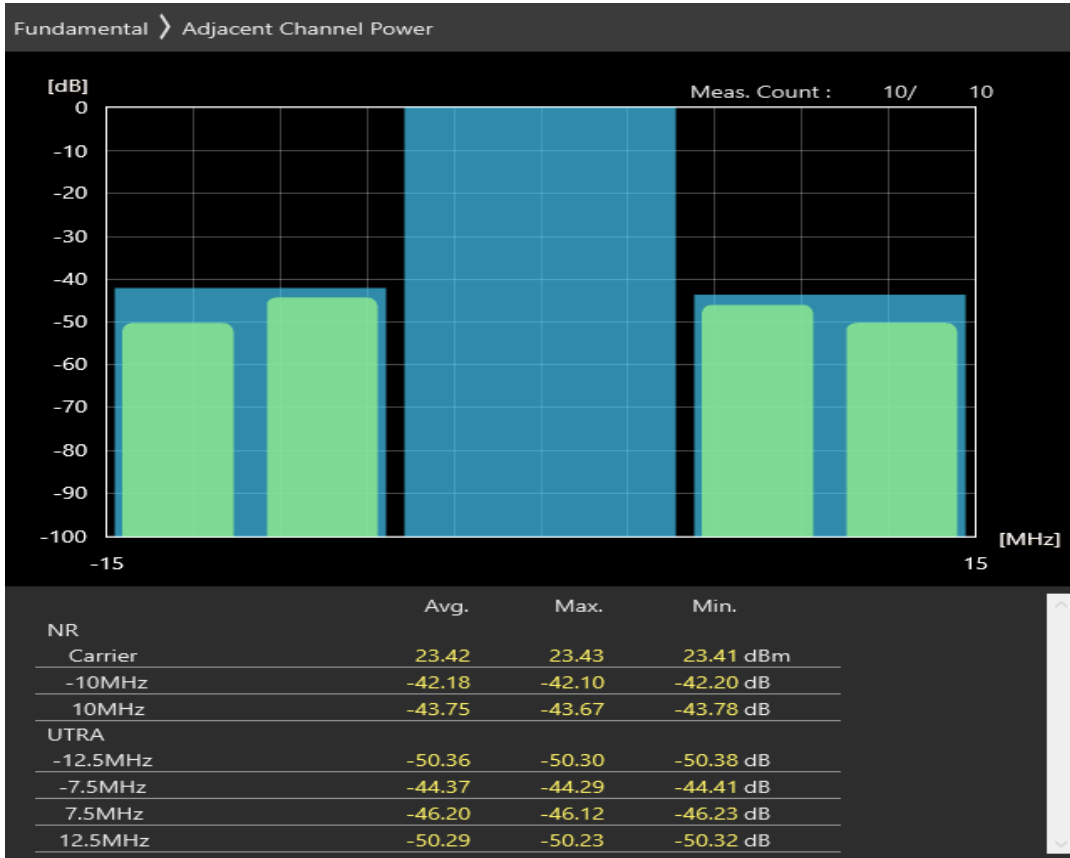
n8 SCS=30kHz DFT_BPSK BW=10MHz Channel=177000 RB=12@6



n8 SCS=30kHz DFT_BPSK BW=10MHz Channel=177000 RB=1@0



n8 SCS=30kHz DFT_BPSK BW=10MHz Channel=177000 RB=24@0



n8 SCS=30kHz DFT_QPSK BW=10MHz Channel=177000 RB=12@6



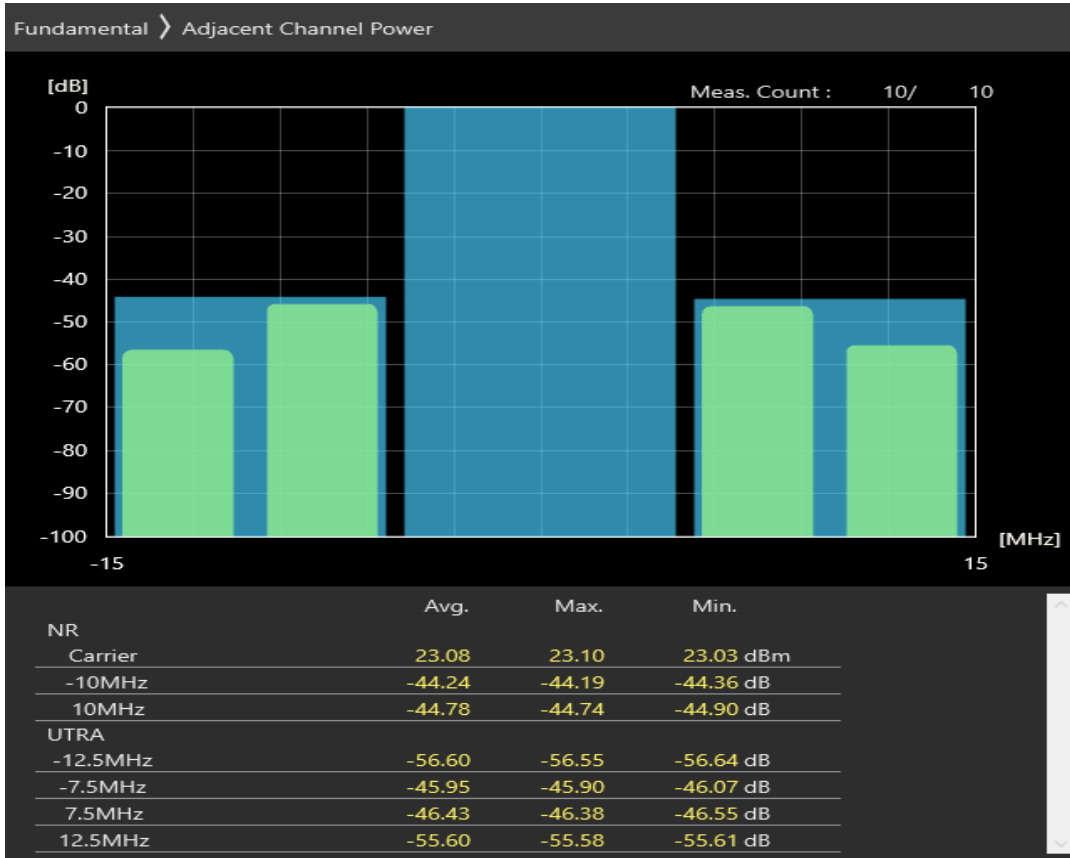
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n8 SCS=30kHz DFT_QPSK BW=10MHz Channel=177000 RB=24@0



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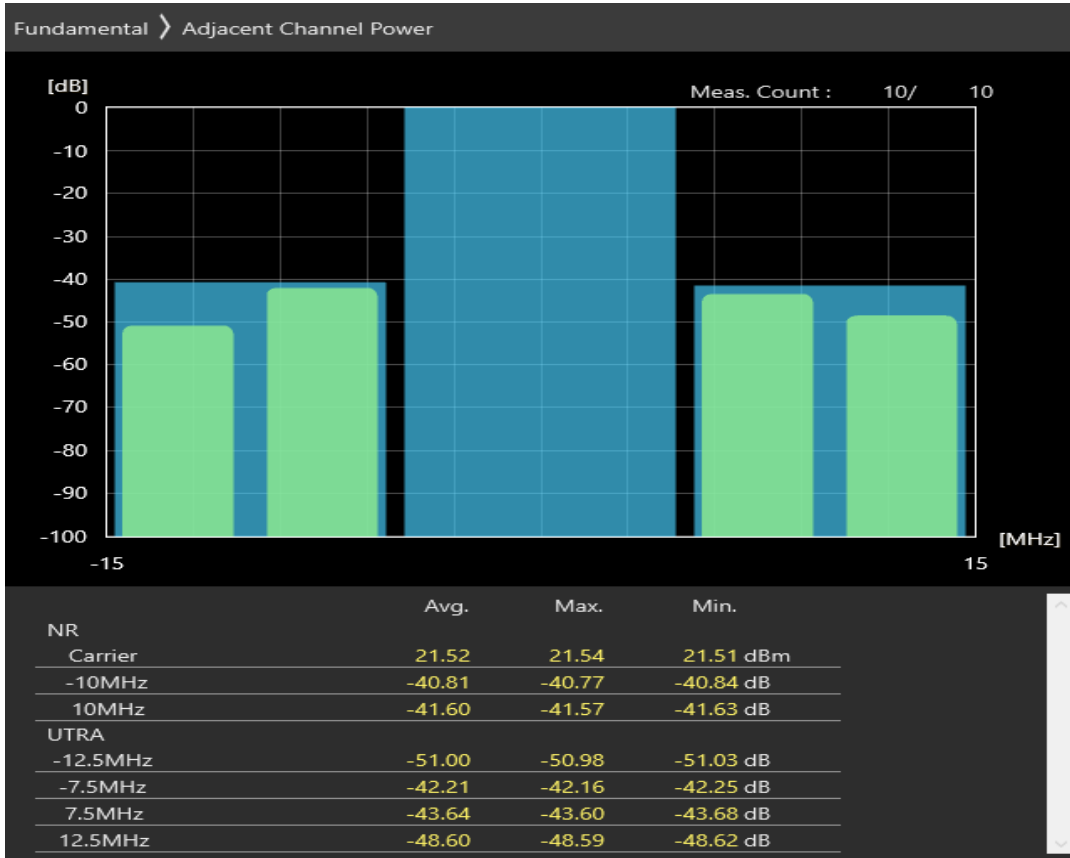
n8 SCS=30kHz DFT_QAM16 BW=10MHz Channel=177000 RB=24@0



n8 SCS=30kHz DFT_QAM64 BW=10MHz Channel=177000 RB=1@0



n8 SCS=30kHz DFT_QAM64 BW=10MHz Channel=177000 RB=24@0



n8 SCS=30kHz DFT_QAM256 BW=10MHz Channel=177000 RB=1@0



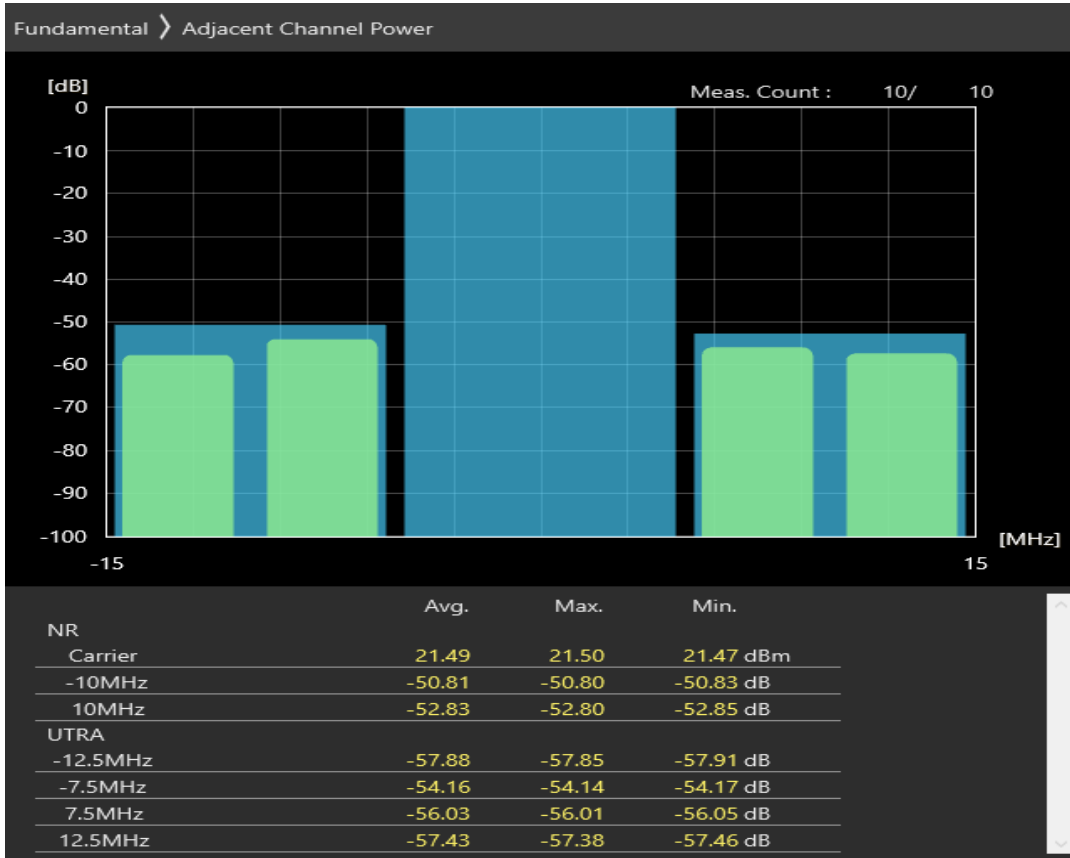
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n8 SCS=30kHz CP_QPSK BW=10MHz Channel=177000 RB=12@6



n8 SCS=30kHz CP_QPSK BW=10MHz Channel=177000 RB=1@0



n8 SCS=30kHz CP_QPSK BW=10MHz Channel=177000 RB=24@0



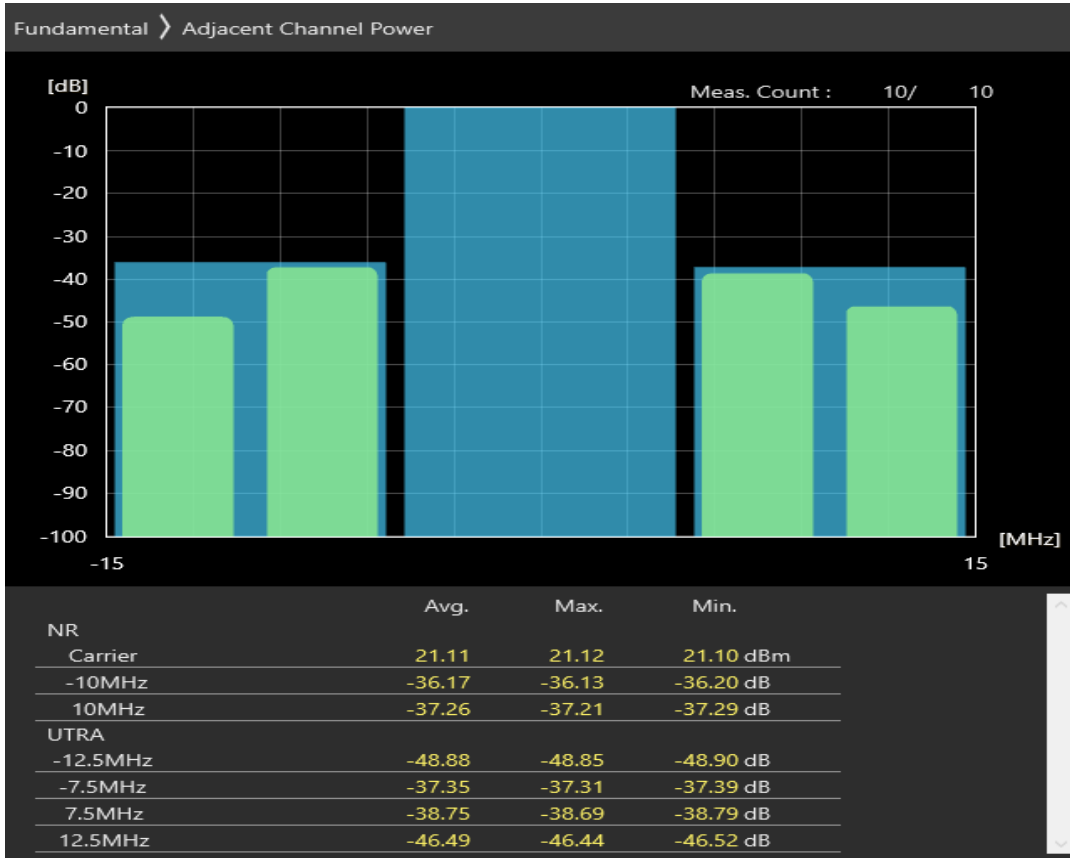
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n8 SCS=30kHz CP_QAM16 BW=10MHz Channel=177000 RB=24@0



n8 SCS=30kHz CP_QAM64 BW=10MHz Channel=177000 RB=1@0



n8 SCS=30kHz CP_QAM64 BW=10MHz Channel=177000 RB=24@0



n8 SCS=30kHz CP_QAM256 BW=10MHz Channel=177000 RB=1@0



n8 SCS=30kHz CP_QAM256 BW=10MHz Channel=177000 RB=24@0



n8 SCS=30kHz DFT_BPSK BW=10MHz Channel=182000 RB=12@6



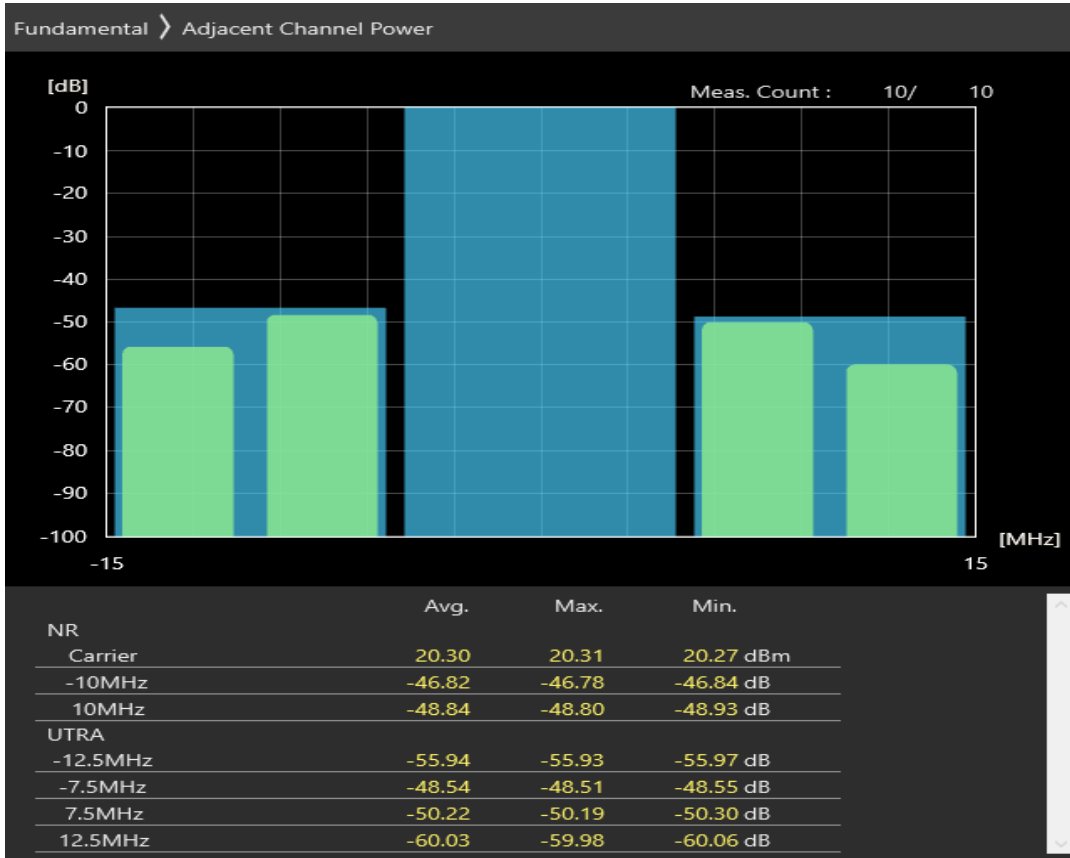
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n8 SCS=30kHz DFT_BPSK BW=10MHz Channel=182000 RB=24@0



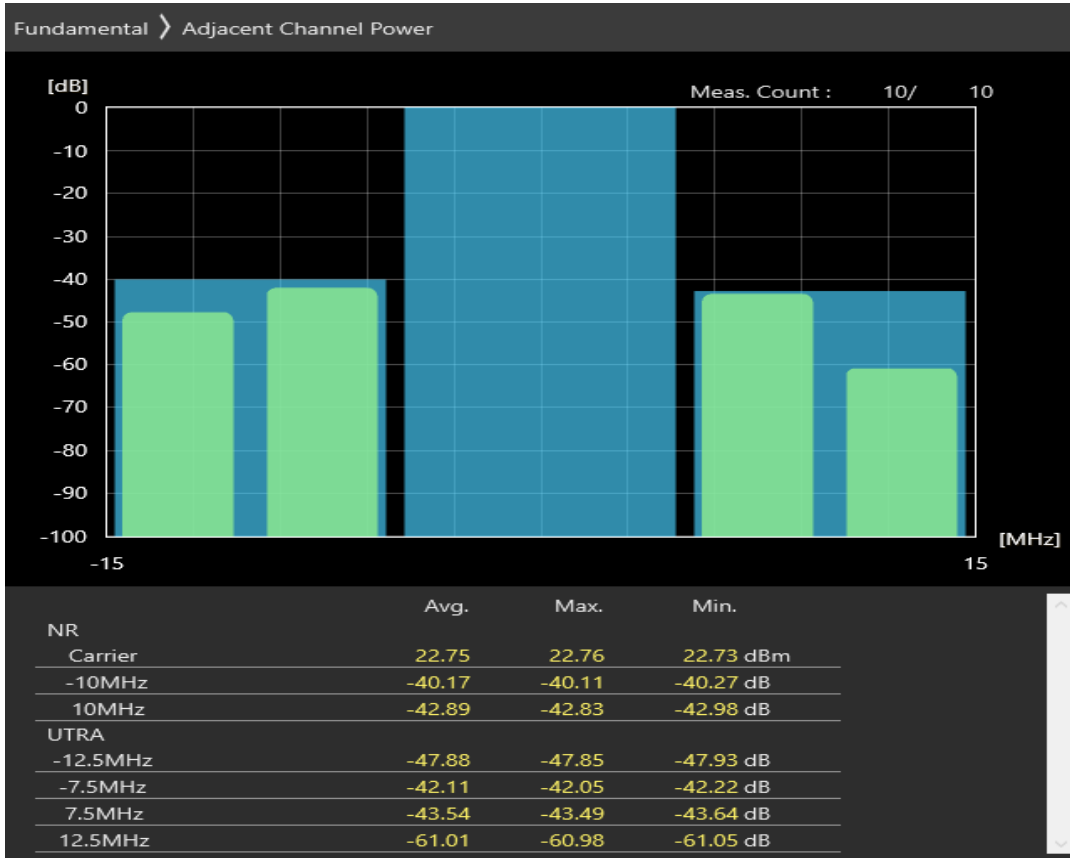
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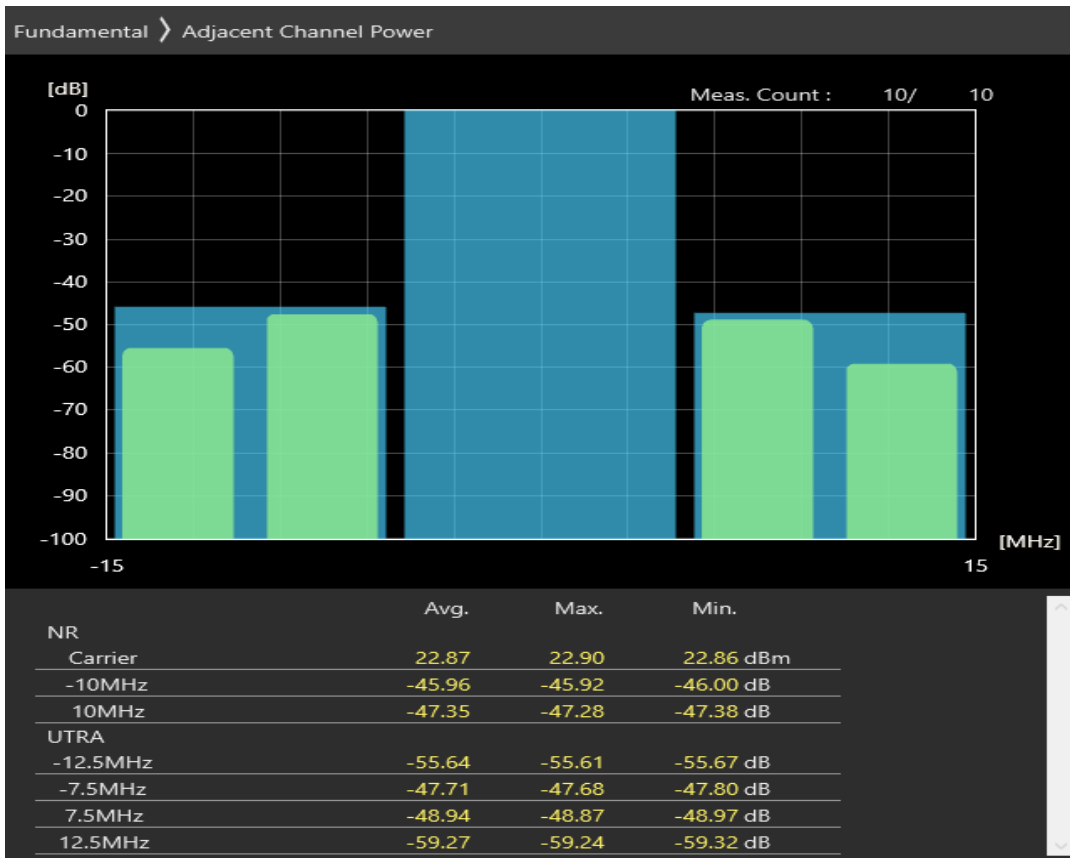
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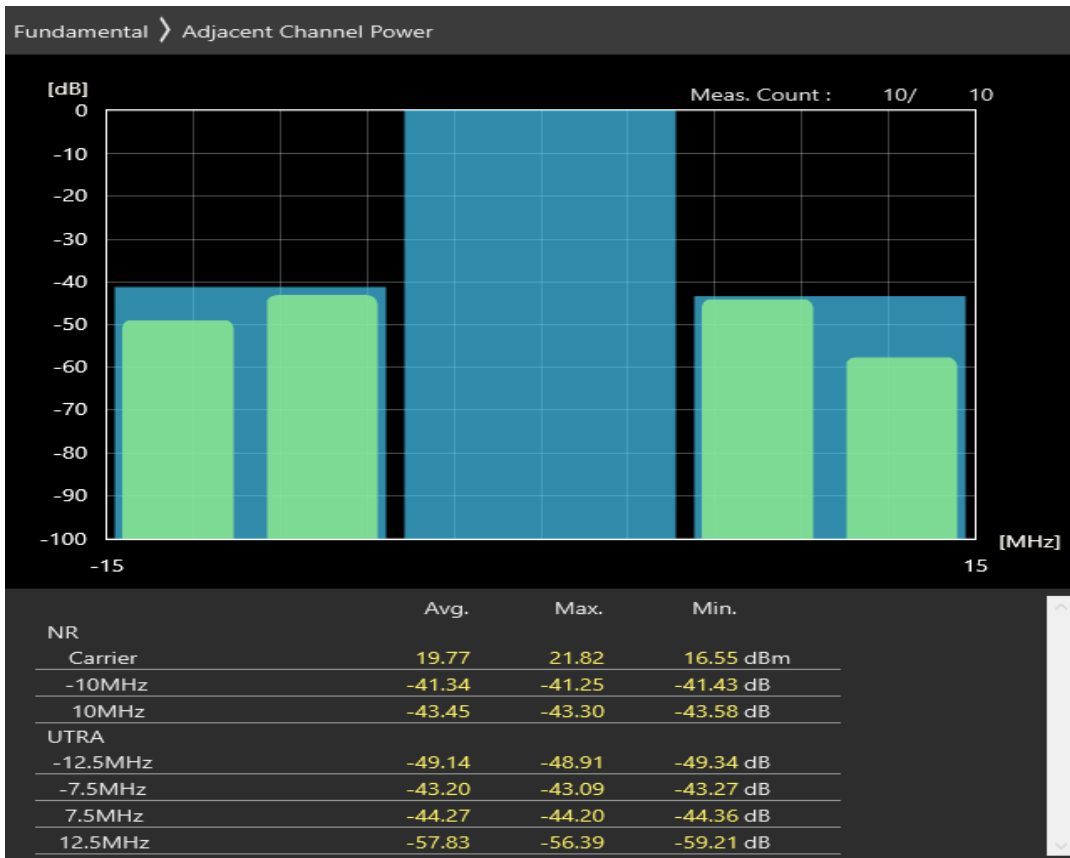
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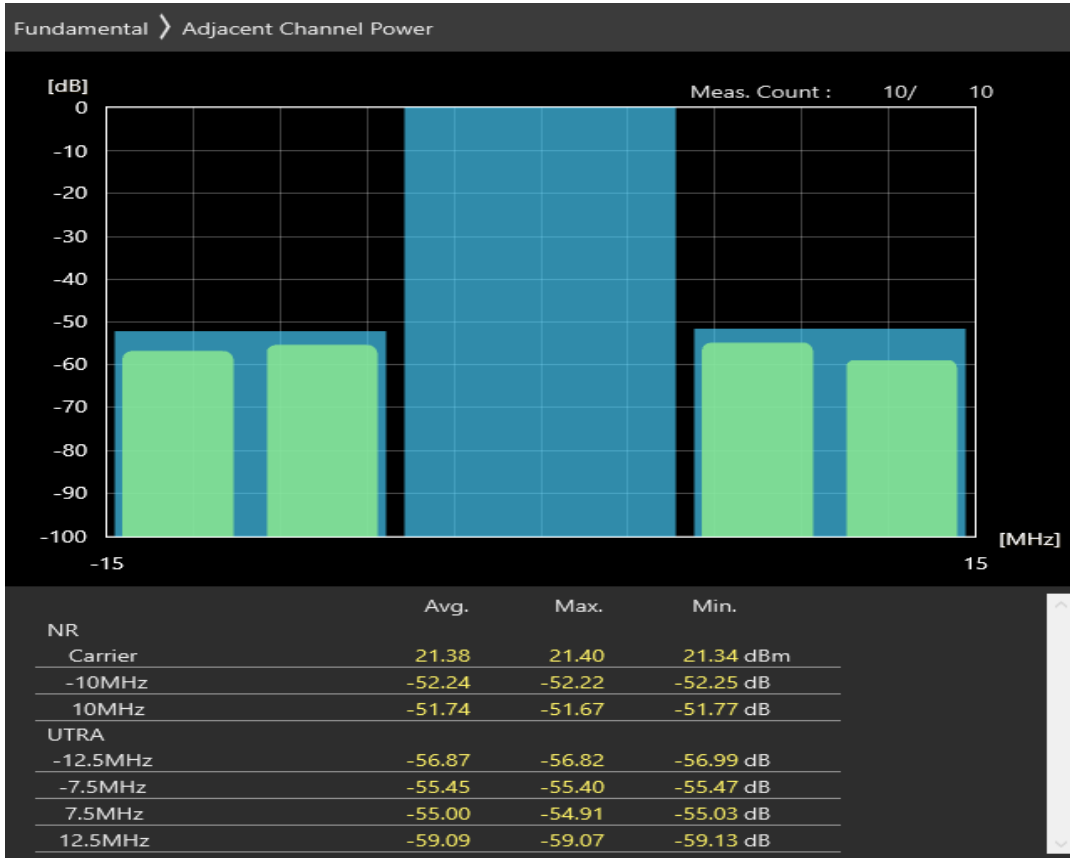
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n8 SCS=30kHz DFT_QAM16 BW=10MHz Channel=182000 RB=24@0



n8 SCS=30kHz DFT_QAM64 BW=10MHz Channel=182000 RB=1@23



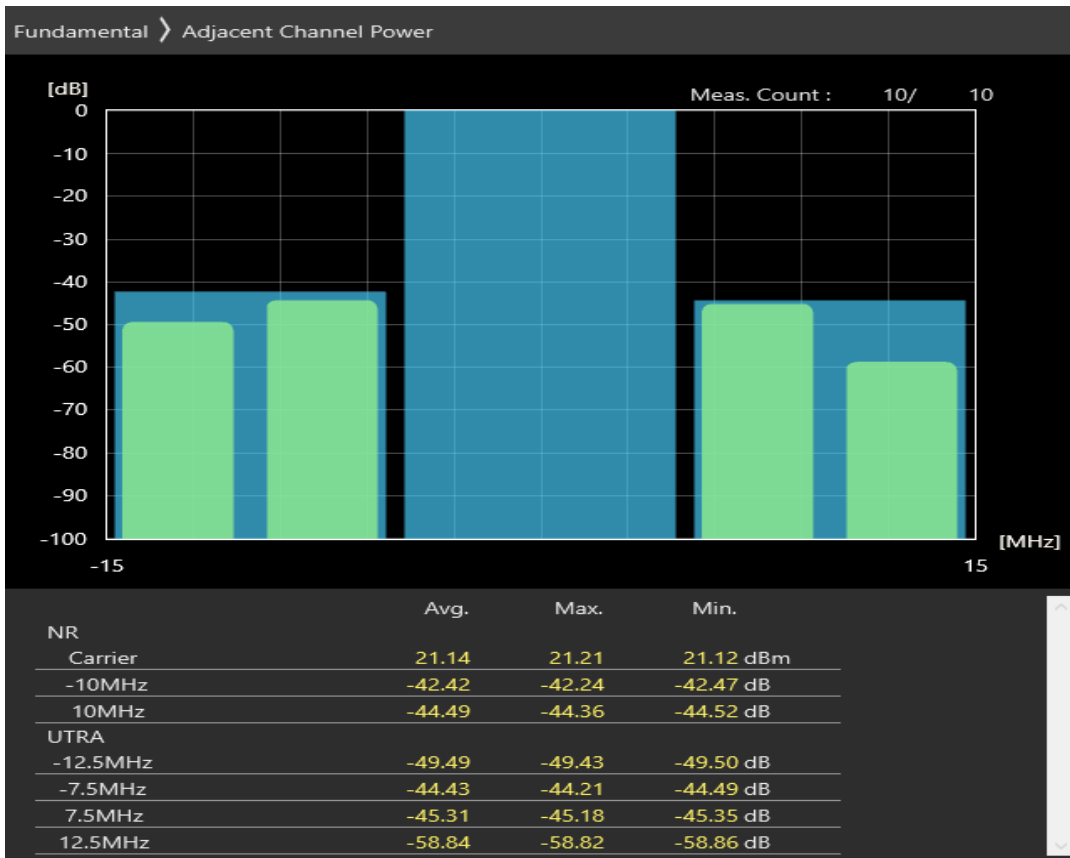
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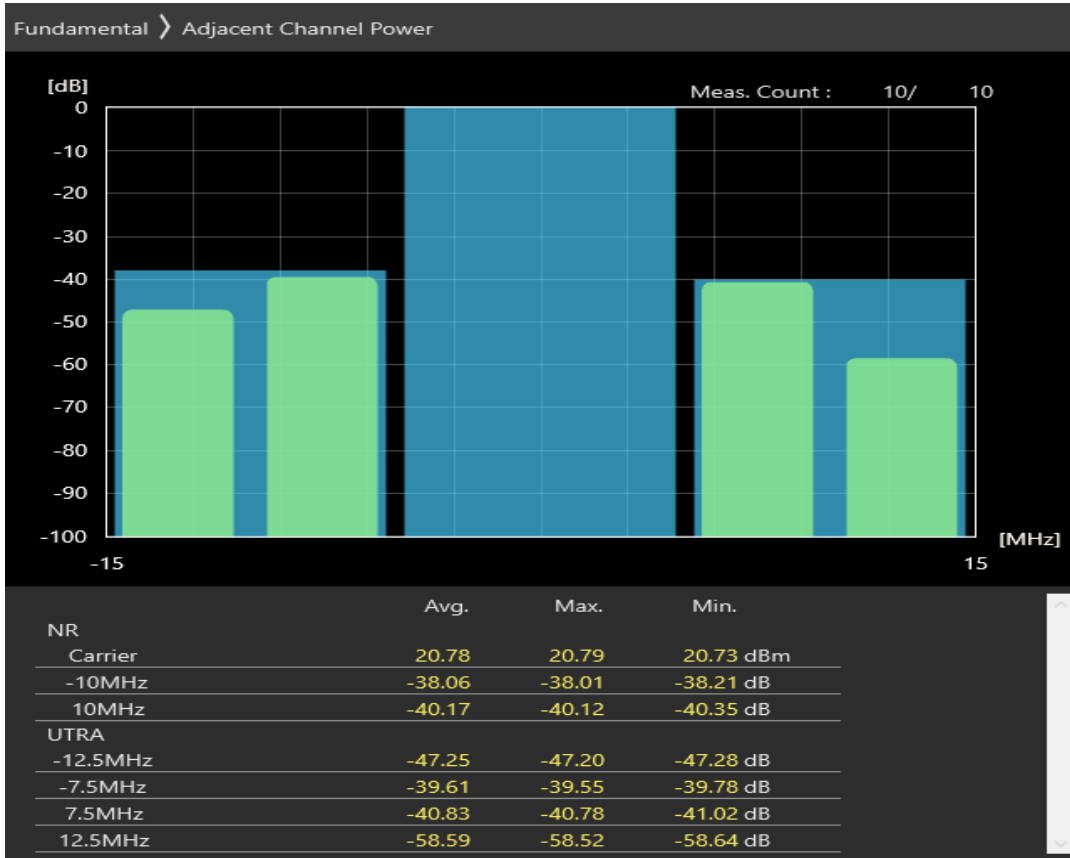
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n8 SCS=30kHz DFT_QAM256 BW=10MHz Channel=182000 RB=24@0



n8 SCS=30kHz CP_QPSK BW=10MHz Channel=182000 RB=12@6



n8 SCS=30kHz CP_QPSK BW=10MHz Channel=182000 RB=1@23



n8 SCS=30kHz CP_QPSK BW=10MHz Channel=182000 RB=24@0



n8 SCS=30kHz CP_QAM16 BW=10MHz Channel=182000 RB=12@6



n8 SCS=30kHz CP_QAM16 BW=10MHz Channel=182000 RB=1@23



n8 SCS=30kHz CP_QAM16 BW=10MHz Channel=182000 RB=24@0



n8 SCS=30kHz CP_QAM64 BW=10MHz Channel=182000 RB=1@23



n8 SCS=30kHz CP_QAM64 BW=10MHz Channel=182000 RB=24@0



n8 SCS=30kHz CP_QAM256 BW=10MHz Channel=182000 RB=1@23



n8 SCS=30kHz CP_QAM256 BW=10MHz Channel=182000 RB=24@0



n8 SCS=30kHz DFT_BPSK BW=20MHz Channel=178000 RB=25@12



n8 SCS=30kHz DFT_BPSK BW=20MHz Channel=178000 RB=1@0



n8 SCS=30kHz DFT_BPSK BW=20MHz Channel=178000 RB=50@0



n8 SCS=30kHz DFT_QPSK BW=20MHz Channel=178000 RB=25@12



n8 SCS=30kHz DFT_QPSK BW=20MHz Channel=178000 RB=1@0



n8 SCS=30kHz DFT_QPSK BW=20MHz Channel=178000 RB=50@0



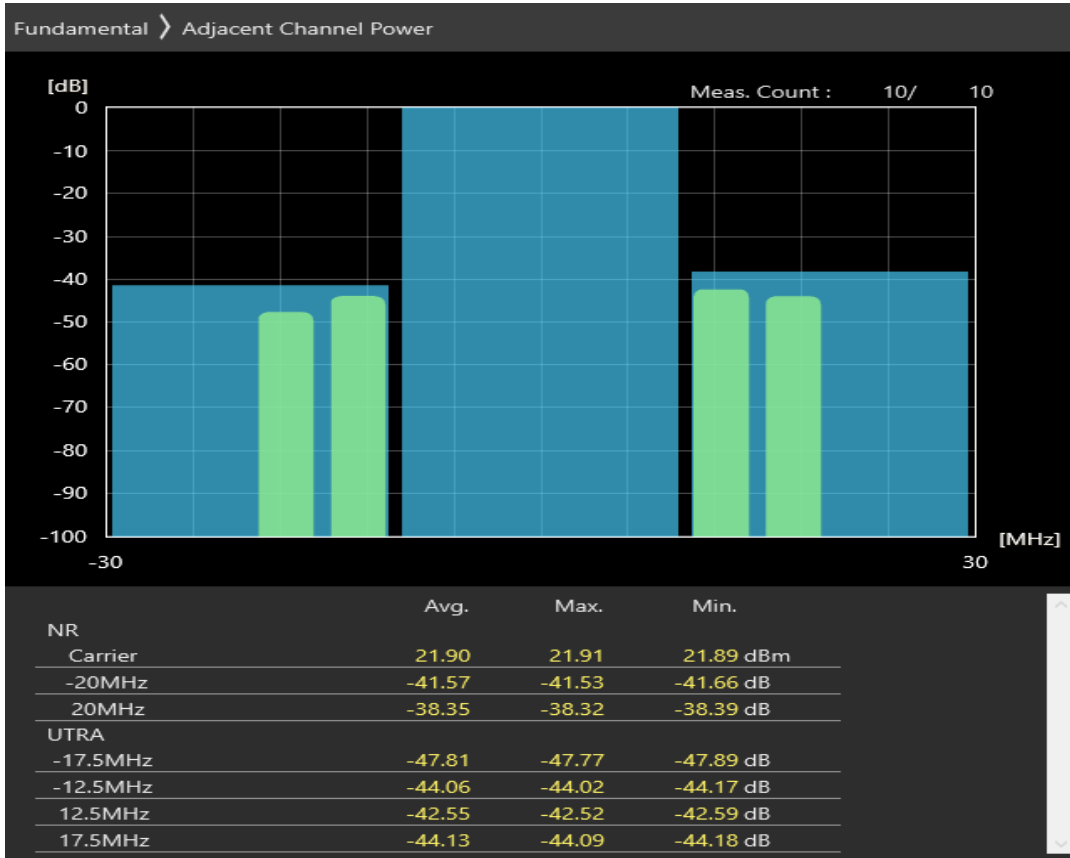
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n8 SCS=30kHz DFT_QAM16 BW=20MHz Channel=178000 RB=1@0



n8 SCS=30kHz DFT_QAM16 BW=20MHz Channel=178000 RB=50@0



n8 SCS=30kHz DFT_QAM64 BW=20MHz Channel=178000 RB=1@0



n8 SCS=30kHz DFT_QAM64 BW=20MHz Channel=178000 RB=50@0



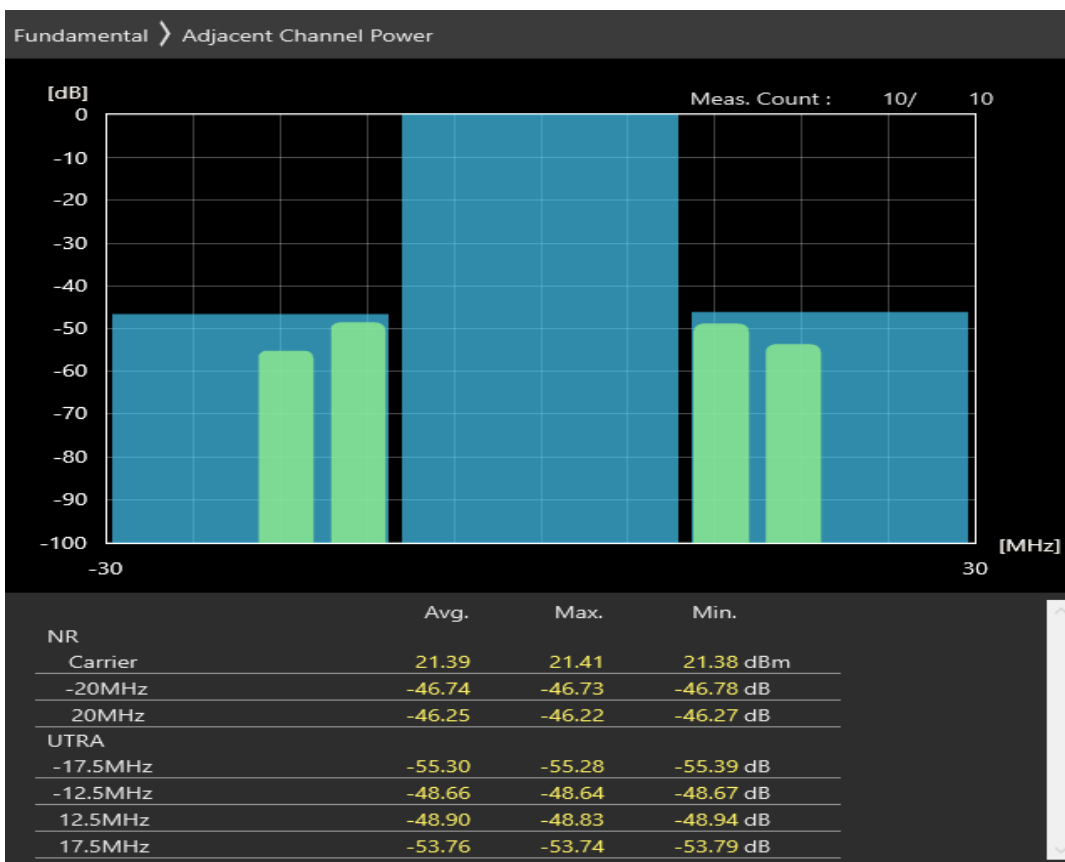
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n8 SCS=30kHz CP_QPSK BW=20MHz Channel=178000 RB=25@12



n8 SCS=30kHz CP_QPSK BW=20MHz Channel=178000 RB=1@0



n8 SCS=30kHz CP_QPSK BW=20MHz Channel=178000 RB=51 @0



n8 SCS=30kHz CP_QAM16 BW=20MHz Channel=178000 RB=25 @12



n8 SCS=30kHz CP_QAM16 BW=20MHz Channel=178000 RB=1@0



n8 SCS=30kHz CP_QAM16 BW=20MHz Channel=178000 RB=51@0



n8 SCS=30kHz CP_QAM64 BW=20MHz Channel=178000 RB=1 @0



n8 SCS=30kHz CP_QAM64 BW=20MHz Channel=178000 RB=51 @0



n8 SCS=30kHz CP_QAM256 BW=20MHz Channel=178000 RB=1@0



n8 SCS=30kHz CP_QAM256 BW=20MHz Channel=178000 RB=51@0



n8 SCS=30kHz DFT_BPSK BW=20MHz Channel=181000 RB=25@12



n8 SCS=30kHz DFT_BPSK BW=20MHz Channel=181000 RB=1@50



n8 SCS=30kHz DFT_BPSK BW=20MHz Channel=181000 RB=50@0



n8 SCS=30kHz DFT_QPSK BW=20MHz Channel=181000 RB=25@12



n8 SCS=30kHz DFT_QPSK BW=20MHz Channel=181000 RB=1@50



n8 SCS=30kHz DFT_QPSK BW=20MHz Channel=181000 RB=50@0



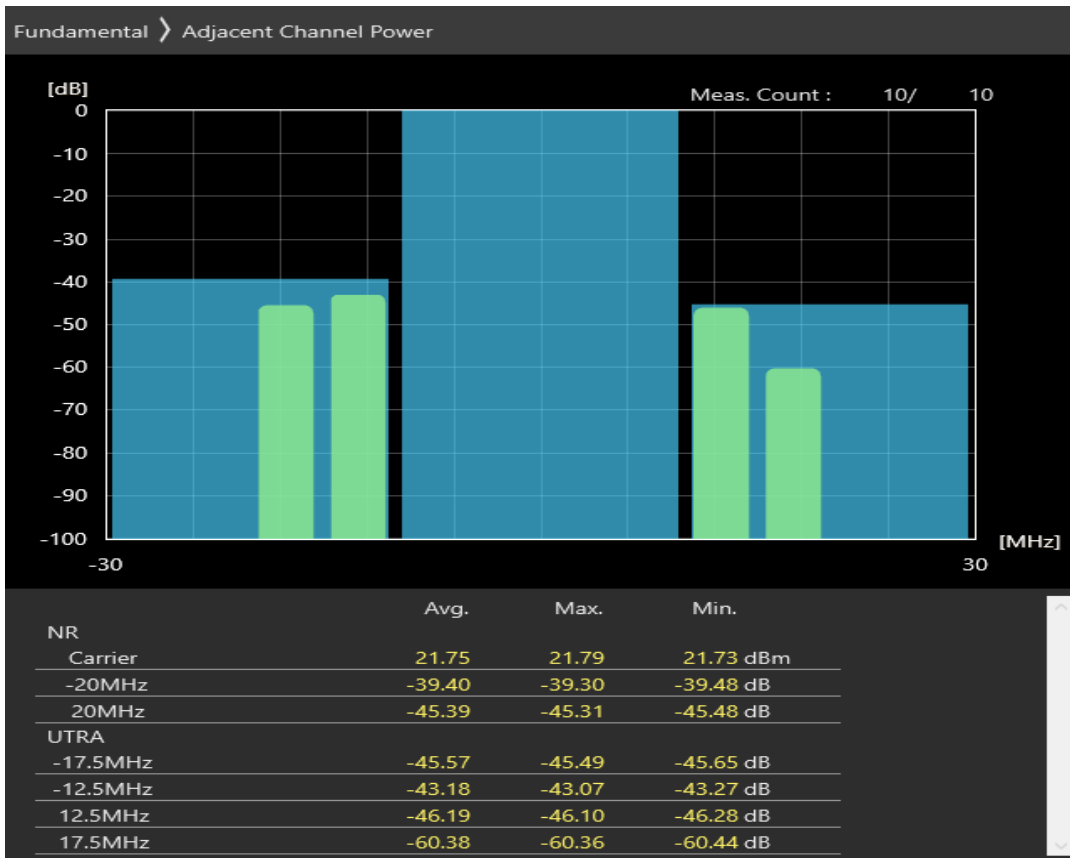
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n8 SCS=30kHz DFT_QAM64 BW=20MHz Channel=181000 RB=1@50



n8 SCS=30kHz DFT_QAM64 BW=20MHz Channel=181000 RB=50@0



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n8 SCS=30kHz DFT_QAM256 BW=20MHz Channel=181000 RB=50@0



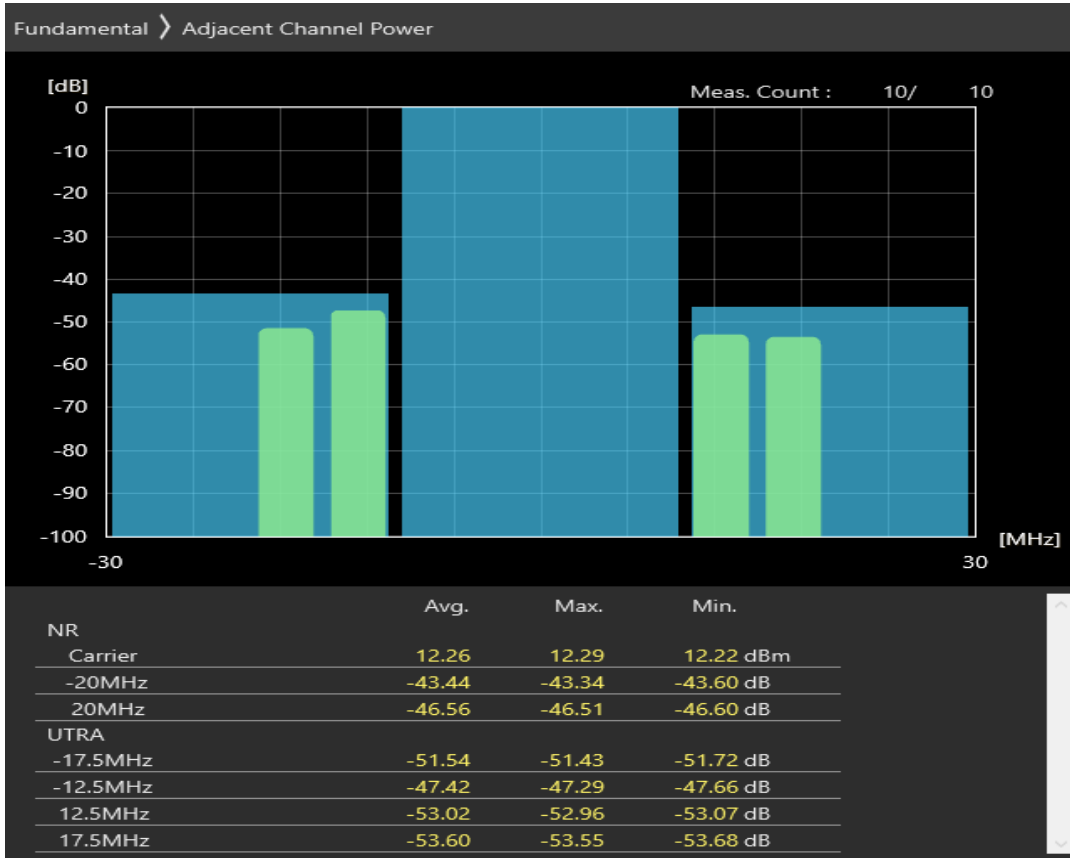
n8 SCS=30kHz CP_QPSK BW=20MHz Channel=181000 RB=25@12



n8 SCS=30kHz CP_QPSK BW=20MHz Channel=181000 RB=1 @50



n8 SCS=30kHz CP_QPSK BW=20MHz Channel=181000 RB=51 @0



n8 SCS=30kHz CP_QAM16 BW=20MHz Channel=181000 RB=25@12



n8 SCS=30kHz CP_QAM16 BW=20MHz Channel=181000 RB=1@50



n8 SCS=30kHz CP_QAM16 BW=20MHz Channel=181000 RB=51 @0



n8 SCS=30kHz CP_QAM64 BW=20MHz Channel=181000 RB=1 @50



n8 SCS=30kHz CP_QAM64 BW=20MHz Channel=181000 RB=51 @0



n8 SCS=30kHz CP_QAM256 BW=20MHz Channel=181000 RB=1 @50



n8 SCS=30kHz CP_QAM256 BW=20MHz Channel=181000 RB=51@0



Clause 4.2.12 Receiver Reference Sensitivity Level for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	UL RB Allocation	Modulation	Ref Sensitivity (dBm)	Throughput (%)	Limit (%)	Verdict
n1	30	10	385000	24@0	CP_QPSK	-96.4	97.36	95	PASS
n1	30	10	390000	24@0	CP_QPSK	-96.4	97.36	95	PASS
n1	30	10	395000	24@0	CP_QPSK	-96.4	97.36	95	PASS
n1	30	15	385500	38@0	CP_QPSK	-94.4	97.36	95	PASS
n1	30	15	390000	38@0	CP_QPSK	-94.4	97.36	95	PASS
n1	30	15	394500	38@0	CP_QPSK	-94.4	97.36	95	PASS
n1	30	20	386000	51@0	CP_QPSK	-93.3	97.36	95	PASS
n1	30	20	390000	51@0	CP_QPSK	-93.3	97.36	95	PASS
n1	30	20	394000	51@0	CP_QPSK	-93.3	97.36	95	PASS
n20	30	10	167400	24@0	CP_QPSK	-93.4	97.36	95	PASS
n20	30	10	169400	24@0	CP_QPSK	-93.4	97.36	95	PASS
n20	30	10	171400	24@0	CP_QPSK	-93.4	97.36	95	PASS
n20	30	15	167900	38@0	CP_QPSK	-90.4	97.36	95	PASS
n20	30	15	169400	38@0	CP_QPSK	-90.4	97.36	95	PASS
n20	30	15	170900	38@0	CP_QPSK	-90.4	97.36	95	PASS
n20	30	20	168400	51@0	CP_QPSK	-89.3	97.36	95	PASS
n20	30	20	169400	51@0	CP_QPSK	-89.3	97.36	95	PASS
n20	30	20	170400	51@0	CP_QPSK	-89.3	97.36	95	PASS
n28	30	10	141600	24@0	CP_QPSK	-94.9	97.36	95	PASS
n28	30	10	145100	24@0	CP_QPSK	-94.9	97.36	95	PASS
n28	30	10	148600	24@0	CP_QPSK	-94.9	97.36	95	PASS
n28	30	15	142100	38@0	CP_QPSK	-92.9	97.36	95	PASS
n28	30	15	145100	38@0	CP_QPSK	-92.9	97.36	95	PASS
n28	30	15	148100	38@0	CP_QPSK	-92.9	97.36	95	PASS
n28	30	20	142600	51@0	CP_QPSK	-90.3	97.36	95	PASS
n28	30	20	145100	51@0	CP_QPSK	-90.3	97.36	95	PASS
n28	30	20	147600	51@0	CP_QPSK	-90.3	97.36	95	PASS
n3	30	10	343000	24@0	CP_QPSK	-93.4	96.99	95	PASS
n3	30	10	349500	24@0	CP_QPSK	-93.4	97.18	95	PASS
n3	30	10	356000	24@0	CP_QPSK	-93.4	97.36	95	PASS
n3	30	20	344000	51@0	CP_QPSK	-90.3	97.36	95	PASS
n3	30	20	349500	51@0	CP_QPSK	-90.3	97.36	95	PASS
n3	30	20	355000	51@0	CP_QPSK	-90.3	97.36	95	PASS
n3	30	30	345000	78@0	CP_QPSK	-88.3	97.36	95	PASS
n3	30	30	349500	78@0	CP_QPSK	-88.3	97.36	95	PASS
n3	30	30	354000	78@0	CP_QPSK	-88.3	97.36	95	PASS
n38	30	10	515000	24@0	CP_QPSK	-96.4	100.00	95	PASS
n38	30	10	519000	24@0	CP_QPSK	-96.4	100.00	95	PASS
n38	30	10	523000	24@0	CP_QPSK	-96.4	100.00	95	PASS
n38	30	15	515500	38@0	CP_QPSK	-94.4	100.00	95	PASS
n38	30	15	519000	38@0	CP_QPSK	-94.4	96.50	95	PASS
n38	30	15	522500	38@0	CP_QPSK	-94.4	99.90	95	PASS

n38	30	20	516000	51@0	CP_QPSK	-93.3	99.60	95	PASS
n38	30	20	519000	51@0	CP_QPSK	-93.3	100.00	95	PASS
n38	30	20	522000	51@0	CP_QPSK	-93.3	100.00	95	PASS
n77	30	10	620334	24@0	CP_QPSK	-94.6	100.00	95	PASS
n77	30	10	650000	24@0	CP_QPSK	-94.6	100.00	95	PASS
n77	30	10	679666	24@0	CP_QPSK	-94.6	100.00	95	PASS
n77	30	50	621668	133@0	CP_QPSK	-87.2	100.00	95	PASS
n77	30	50	650000	133@0	CP_QPSK	-87.2	100.00	95	PASS
n77	30	50	678332	133@0	CP_QPSK	-87.2	100.00	95	PASS
n77	30	100	623334	273@0	CP_QPSK	-84.1	100.00	95	PASS
n77	30	100	650000	273@0	CP_QPSK	-84.1	100.00	95	PASS
n77	30	100	676666	273@0	CP_QPSK	-84.1	100.00	95	PASS
n78	30	10	647000	24@0	CP_QPSK	-95.1	100.00	95	PASS
n78	30	10	650000	24@0	CP_QPSK	-95.1	100.00	95	PASS
n78	30	10	653000	24@0	CP_QPSK	-95.1	100.00	95	PASS
n78	30	50	648333	133@0	CP_QPSK	-87.7	100.00	95	PASS
n78	30	50	650000	133@0	CP_QPSK	-87.7	100.00	95	PASS
n78	30	50	651667	133@0	CP_QPSK	-87.7	100.00	95	PASS
n78	30	100	650000	273@0	CP_QPSK	-84.6	100.00	95	PASS
n8	30	10	177000	24@0	CP_QPSK	-93.4	97.36	95	PASS
n8	30	10	179500	24@0	CP_QPSK	-93.4	97.36	95	PASS
n8	30	10	182000	24@0	CP_QPSK	-93.4	97.36	95	PASS
n8	30	15	177500	38@0	CP_QPSK	-91.4	97.36	95	PASS
n8	30	15	179500	38@0	CP_QPSK	-91.4	97.36	95	PASS
n8	30	15	181500	38@0	CP_QPSK	-91.4	97.36	95	PASS
n8	30	20	178000	51@0	CP_QPSK	-89.5	97.36	95	PASS
n8	30	20	179500	51@0	CP_QPSK	-89.5	97.36	95	PASS
n8	30	20	181000	51@0	CP_QPSK	-89.5	97.36	95	PASS