



RADIO TEST REPORT

ETSI EN 301 908-1 V13.1.1 (2019-11)

ETSI EN 301 908-13 V13.1.1 (2019-11)

Product : 4G Tablet

Trade Mark : Blackview

Model Name : Tab 6

Family Model : N/A

Report No. : STR210908002008E

Prepared for

DOKE COMMUNICATION (HK) LIMITED.

RM 1902 EASEY COMM BLDG 253-261 HENNESSY ROAD WANCHAI HONG KONG
CHINA.

Prepared by

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TEST RESULT CERTIFICATION**Applicant's name** : DOKE COMMUNICATION (HK) LIMITED.Address : RM 1902 EASEY COMM BLDG 253-261 HENNESSY ROAD
WANCHAI HONG KONG CHINA.**Manufacturer's Name** : Shenzhen DOKE Electronic Co.,Ltd.Address : 801, Building3, 7th Industrial Zone, Yulv Community, Yutang Road,
Guangming District, Shenzhen, China.**Product description**

Product name..... : 4G Tablet

Trademark : Blackview

Model Name : Tab 6

Family Model : N/A

Standards : ETSI EN 301 908-1 V13.1.1 (2019-11)
ETSI EN 301 908-13 V13.1.1 (2019-11)

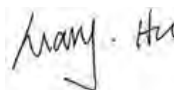
This device described above has been tested by NTEK, and the test results show that the equipment under test (EUT) is in compliance with the article 3.2 of the Directive 2014/53/EU requirements. And it is applicable only to the tested sample identified in the report.

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Date of Test.....

Date (s) of performance of tests..... 08 Sep. 2021 ~ 08 Oct. 2021

Date of Issue..... 08 Oct. 2021

Test Result..... **Pass****Testing Engineer** :_____
(Mary Hu)

Authorized Signatory :

_____
(Alex Li)

Table of Contents	Page
1.SUMMARY OF TEST RESULTS	4
1.1 TEST FACILITY.....	5
1.2 MEASUREMENT UNCERTAINTY	5
2.GENERAL INFORMATION	6
2.1 GENERAL DESCRIPTION OF EUT	6
2.2 LIST OF TEST EQUIPMENTS	7
2.3 TEST ENVIRONMENT/CONDITIONS	8
2.4 TEST MODE.....	8
2.5 TEST SETUP	13
3. SUMMARY OF THE REPORT.....	14
3.1 TERMS IN THE COLUMN “VERDICT” FOR THE TEST RESULTS LIST OF THISSECTION:	14
D.1. RADIATED SPURIOUS EMISSIONS.	19
D.2. CONTROL AND MONITORING FUNCTIONS (UE)	100
D.3. OUT-OF-SYNCHRONIZATION HANDLING OF OUTPUT POWER.....	101
PHOTOGRAPHS OF THE TEST SETUP.....	104

1.SUMMARY OF TEST RESULTS

Leading Reference Documents For Testing:

No.	Identity	Document Title
1	ETSI EN 301 908-1	IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 1: Introduction and common requirements
2	ETSI EN 301908-13	IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)

Specific Reference Documents For Testing:

No.	Identity	Document Title
3	3GPP TS 36.521-1 V11.4.0(2014-03)	3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification Radio transmission and reception Part 1: Conformance Testing
4	3GPP TS 36.521-2 V11.4.0(2014-03)	3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 2: Implementation Conformance Statement (ICS)

1.1 TEST FACILITY

Shenzhen NTEK Testing Technology Co., Ltd.

Add. : 1/F, Building E, Fenda Science Park, Sanwei Community, Xixiang Street, Bao'an District, Shenzhen 518126 P.R. China

FCC Registered No.: 463705 IC Registered No.:9270A-1

CNAS Registration No.:L5516

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately **95** %.

No.	Item	Uncertainty
1	Conducted Emission Test	$\pm 1.38\text{dB}$
2	RF power,conducted	$\pm 0.16\text{dB}$
3	Spurious emissions,conducted	$\pm 0.21\text{dB}$
4	All emissions,radiated(<1G)	$\pm 4.68\text{dB}$
5	All emissions,radiated(>1G)	$\pm 4.89\text{dB}$
6	Temperature	$\pm 0.5\text{C}$
7	Humidity	$\pm 2\%$

2.GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	4G Tablet
Trade Mark	Blackview
Model Name	Tab 6
Family Model:	N/A
Model Difference:	N/A
Frequency Bands:	E-UTRA FDD I, III, VII, VIII, XX,
Frequency Bands:	FDD Band I: Uplink: 1920 MHz to 1980MHz Downlink: 2110 MHz to 2170 MHz FDD Band III: Uplink:1710 MHz to 1785 MHz Downlink: 1805 MHz to 1880 MHz FDD Band VII: Uplink: 2500 MHz to 2570 MHz Downlink: 2620 MHz to 2690 MHz FDD Band VIII: Uplink: 880MHz to 915 MHz Downlink: 925 MHz to 960 MHz FDD Band XX: Uplink: 832 MHz to 862 MHz Downlink: 791 MHz to 821 MHz
Power Class:	E-UTRA :3
Modulation Mode:	QPSK, 16QAM
Adapter	Model: HJ-0501000N2-EU Input: 100-240V~50/60Hz 0.15A Output: 5.0V---1.0A 5.0W
Battery	DC 3.8V, 5580mAh
Rating	DC 3.8V from battery or DC 5V from Adapter.
Antenna:	PIFA Antenna
Antenna Gain:	Band I: 0.88dBi, Band III:0.44 dBi, Band VII:0.95 dBi, Band VIII: -1.34 dBi, Band XX: -1.47 dBi
Hard Ware Version	S866T-T310-V1.0
Soft Ware Version	Tab6_EEA_S886T_V1.0

2.2 LIST OF TEST EQUIPMENTS

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Spectrum Analyzer	Agilent	E4407B	MY45108040	2021.04.27	2022.04.26	1 year
2	Test Receiver	R&S	ESPI7	101318	2021.04.27	2022.04.26	1 year
3	Bilog Antenna	TESEQ	CBL6111D	31216	2021.03.29	2022.03.28	1 year
4	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2020.05.11	2023.05.10	3 year
5	Spectrum Analyzer	Agilent	E4440A	150900201	2021.04.27	2022.04.26	1 year
6	Horn Antenna	EM	EM-AH-20180	2011071402	2021.03.29	2022.03.28	1 year
7	Horn Ant	Schwarzbeck	BBHA 9170	9170-181	2020.11.20	2021.11.19	1 year
8	Amplifier	EMC	EMC051835SE	980246	2021.07.01	2022.06.30	1 year
9	Loop Antenna	ARA	PLA-2030/B	1029	2021.07.01	2022.06.30	1 year
10	Power Meter	Agilent	E4419B	MY45102538	2021.07.01	2022.06.30	1 year
11	Signal Generator	R&S	SMT 06	832080/007	2021.07.01	2022.06.30	1 year
12	Temperature & Humidity Chamber	GIANT FORCE	GTH-056P	GF-94454-1	2021.07.01	2022.06.30	1 year
13	Power Sensor (AV)	R&S	URV5-Z4	0395.1619.05	2021.07.01	2022.06.30	1 year
14	LTE Wireless Communications Test Set	R&S	CMW500	1100.008.02	2021.07.01	2022.06.30	1 year
15	Power Splitter	Mini-Circuits	ZN2PD-63-S+	SF025101428	2020.04.07	2023.04.06	3 year
16	RF Communication Test	HP	8920B	--	2021.07.01	2022.06.30	1 year
17	Wireless Communication Test	Agilent	E5515C	--	2021.07.01	2022.06.30	1 year

2.3 TEST ENVIRONMENT/CONDITIONS

Normal Temperature (NT):	15 ... 35 °C
Relative Humidity:	30 ... 75 %
Air Pressure:	980 ... 1020 hPa
Details of Power Supply:	DC 3.8V
Extreme Temperature:	Low Temperature (LT) = -10°C High Temperature (HT) = 40°C
Extreme Voltage of the EUT (Declared by manufacturer):	Normal Voltage (NV) = DC 3.8V Low Voltage (LV) = DC 3.4V High Voltage (HV) = DC 4.2V

Note: The High Voltage DC 4.2V and Low Voltage DC 3.4V was declared by manufacturer, The EUT couldn't be operate normally with higher or lower voltage. The High temperature and Low temperature was declared by manufacturer.

2.4 TEST MODE

The following tests were completed according to the test requirements outlined in section 5.2 of the 3GPP TS36.521-1 V11.4.0 specification. The EUT supports power Class 3. Power control set to All bits up. A summary of these settings are illustrated below:

Test Mode	Band Width	Modulation Mode	Test Channel
LTE FDD Band I mode	5MHz	QPSK/ 16QAM	Ch 18025
			Ch 18300
			Ch 18575
	10MHz	QPSK/ 16QAM	Ch 18050
			Ch 18300
			Ch 18550
	20MHz	QPSK/ 16QAM	Ch 18100
			Ch 18300
			Ch 18500
LTE FDD Band III mode	1.4MHz	QPSK/ 16QAM	Ch 19207
			Ch 19575
			Ch 19943
	5MHz	QPSK/ 16QAM	Ch 19225
			Ch 19575
			Ch 19925
	10MHz	QPSK/ 16QAM	Ch 19250
			Ch 19575
			Ch 19900
	20MHz	QPSK/ 16QAM	Ch 19300
			Ch 19575
			Ch 19825
LTE FDD Band VII mode	5MHz	QPSK/ 16QAM	Ch 20775
			Ch 21100
			Ch 21425
	10MHz	QPSK/ 16QAM	Ch 20800
			Ch 21100
			Ch 21400
	20MHz	QPSK/ 16QAM	Ch 20850
			Ch 21100
			Ch 21350
LTE FDD Band VIII mode	1.4MHz	QPSK/ 16QAM	Ch 21457
			Ch 21625
			Ch 21793
	5MHz	QPSK/ 16QAM	Ch 21475
			Ch 21625
			Ch 21775
	10MHz	QPSK/ 16QAM	Ch 21500
			Ch 21625
			Ch 21750

LTE FDD Band XX mode	5MHz	QPSK/ 16QAM	Ch 24175
			Ch 24300
			Ch 24425
	10MHz	QPSK/ 16QAM	Ch 24200
			Ch 24300
			Ch 24400
	20MHz	QPSK/ 16QAM	Ch 24250
			Ch 24300
			Ch 24350

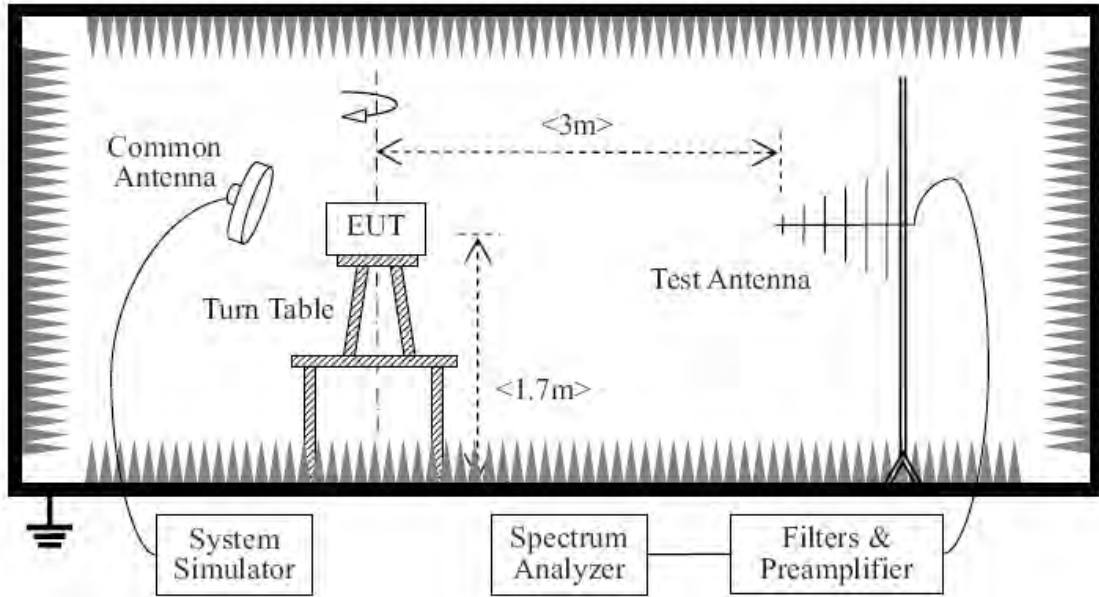
Table 2

Test standard	test items	FDD Band I	FDD Band III	FDD Band VII	FDD Band VIII
		test Band Width			
ETSI EN 301908-1 4.2.2	Radiated emission (UE)	5MHz,20 MHz	1.4MHz, 5MHz, 20 MHz	5MHz,20 MHz	1.4MHz, 5MHz, 10 MHz
ETSI EN 301908-13 4.2.2	Transmitter Maximum Output Power	5MHz,20 MHz	1.4MHz, 5MHz, 20 MHz	5MHz,20 MHz	1.4MHz, 5MHz, 10 MHz
ETSI EN 301908-13 4.2.3	Transmitter Spectrum Emission Mask	5MHz,10MHz, 20 MHz	1.4MHz, 5MHz,10MHz, 20 MHz	5MHz,10MHz, ,20 MHz	1.4MHz,5MHz, 10 MHz
ETSI EN 301908-13 4.2.4	Transmitter Spurious Emissions	5MHz,20 MHz	1.4MHz, 5MHz, 20 MHz	5MHz,20 MHz	1.4MHz, 5MHz,10 MHz
ETSI EN 301908-13 4.2.5	Transmitter Minimum Output Power	5MHz,20 MHz	1.4MHz, 5MHz, 20 MHz	5MHz,20 MHz	1.4MHz,5MHz, 0 MHz
ETSI EN 301908-13 4.2.6	Receiver Adjacent Channel Selectivity (ACS)	5MHz,20 MHz	1.4MHz, 5MHz, 20 MHz	5MHz,20 MHz	1.4MHz, 5MHz,10 MHz
ETSI EN 301908-13 4.2.7	Receiver Blocking Characteristics	5MHz,20 MHz	1.4MHz, 5MHz, 20 MHz	5MHz,20 MHz	1.4MHz, 5MHz,10 MHz
ETSI EN 301908-13 4.2.8	Receiver Spurious Response	5MHz,20 MHz	1.4MHz, 5MHz, 20 MHz	5MHz,20 MHz	1.4MHz, 5MHz,10 MHz
ETSI EN 301908-13 4.2.9	Receiver Intermodulation Characteristics	5MHz,20 MHz	1.4MHz, 5MHz, 20 MHz	5MHz,20 MHz	1.4MHz, 5MHz,10 MHz
ETSI EN 301908-13 4.2.10	Receiver Spurious Emissions	20 MHz	20 MHz	20 MHz	10 MHz
ETSI EN 301908-13 4.2.11	Transmitter Adjacent Channel Leakage Power Ratio	5MHz,10MHz, ,20 MHz	1.4MHz, 5MHz,10MHz, 20 MHz	5MHz,10MHz, ,20 MHz	1.4MHz,5MHz, 10 MHz
ETSI EN 301908-13 4.2.12	Receiver Reference Sensitivity Level	5MHz,20 MHz	1.4MHz, 5MHz, 20 MHz	5MHz,20 MHz	1.4MHz,10 MHz

Test standard	test items	FDD Band XX
		test Band Width
ETSI EN 301908-1 4.2.2	Radiated emission (UE)	5MHz,20 MHz
ETSI EN 301908-13 4.2.2	Transmitter Maximum Output Power	5MHz,20 MHz
ETSI EN 301908-13 4.2.3	Transmitter Spectrum Emission Mask	5MHz,10MHz, ,20 MHz
ETSI EN 301908-13 4.2.4	Transmitter Spurious Emissions	5MHz,20 MHz
ETSI EN 301908-13 4.2.5	Transmitter Minimum Output Power	5MHz,20 MHz
ETSI EN 301908-13 4.2.6	Receiver Adjacent Channel Selectivity (ACS)	5MHz,20 MHz
ETSI EN 301908-13 4.2.7	Receiver Blocking Characteristics	5MHz,20 MHz
ETSI EN 301908-13 4.2.8	Receiver Spurious Response	5MHz,20 MHz
ETSI EN 301908-13 4.2.9	Receiver Intermodulation Characteristics	5MHz,20 MHz
ETSI EN 301908-13 4.2.10	Receiver Spurious Emissions	20 MHz
ETSI EN 301908-13 4.2.11	Transmitter Adjacent Channel Leakage Power Ratio	5MHz,10MHz, ,20 MHz
ETSI EN 301908-13 4.2.12	Receiver Reference Sensitivity Level	5MHz,20 MHz

2.5 TEST SETUP

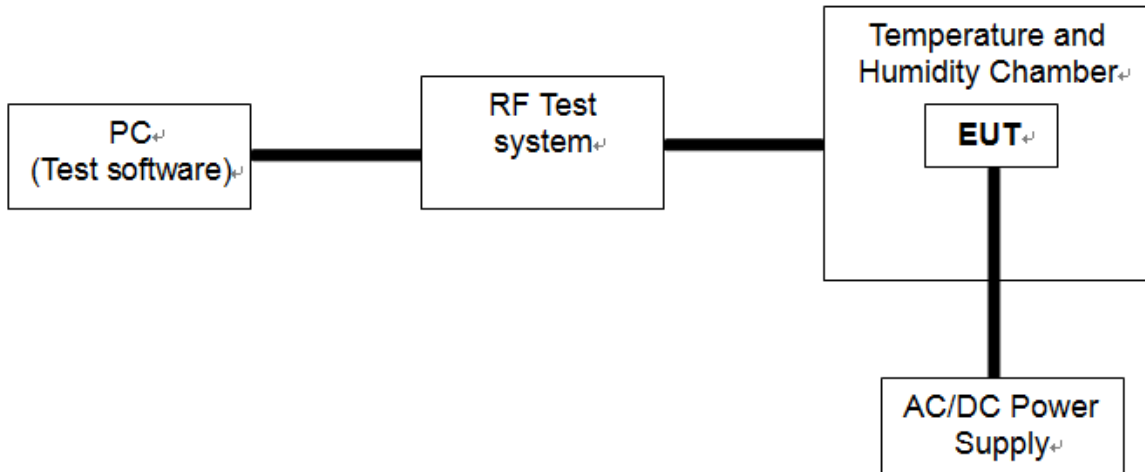
1. Radiated Spurious Emission Test Setup



The EUT, which is powered by the Battery charged with the AC Adapter, is located in a 3m Full-Anechoic Chamber; the cable loss, air loss and so on of the site as factors are pre-calibrated using the "Substitution" method, and calculated to correct the reading.

A call is established between the EUT and the SS via a Common Antenna. The EUT is commanded by the SS to operate at the maximum and minimum output power (i.e. LTE FDD band Power Control Level = 3), and only the test result of the maximum output power was recorded.

2. Conducted Test



3. SUMMARY OF THE REPORT

3.1 TERMS IN THE COLUMN “VERDICT” FOR THE TEST RESULTS LIST OF THIS SECTION:

Verdict	Description
PASS	EUT passed this test case
FAIL	EUT failed this test case
Decl.	“Declaration”: NTEK has received documents from the applicant and/or manufacturer which show conformity to the applied standards for this test case.
N/A	Test case not applicable for the EUT, please see the column “Note” for detailed

Table 1 EN Requirements Table (Ref. ETSI EN 301 908-1 Annex D)

Testcase in ETSI EN 301908-1	Description	Condition	Test Band	Sample	Result	Test Data
4.2.2	Radiated emission (UE)	NTC	FDD Band I	A01	PASS	Ref. ETSI EN 301 908-1 Annex D)
			FDD Band III			
			FDD Band VII			
			FDD Band VIII			
			FDD Band XX			

Table 2 EN Requirements Table

The test data please refer to the APPENDIX A & APPENDIX B & APPENDIX C

Testcase in ETSI EN 301908-13	Testcase in 3GPP TS 36.521	Description	Condition	Test Band	Sample	Result	Test Data
4.2.2	6.2.2	Transmitter Maximum Output Power	NT / NV	FDD Band I	A01	PASS	Appendix A - LTE - Normal
			LT / LV	FDD Band III	A01	PASS	Appendix B - LTE - Extreme
			LT / HV	FDD Band VII	A01	PASS	Appendix B - LTE - Extreme
			HT / LV	FDD Band VIII	A01	PASS	Appendix B - LTE - Extreme
			HT / HV	FDD Band XX	A01	PASS	Appendix B - LTE - Extreme
4.2.5	6.3.2	Transmitter Minimum Output Power	NT / NV	FDD Band I	A01	PASS	Appendix A - LTE - Normal
			LT / LV	FDD Band III	A01	PASS	Appendix B - LTE - Extreme
			LT / HV	FDD Band VII	A01	PASS	Appendix B - LTE - Extreme
			HT / LV	FDD Band VIII	A01	PASS	Appendix B - LTE - Extreme
			HT / HV	FDD Band XX	A01	PASS	Appendix B - LTE - Extreme
4.2.3	6.6.2.1	Transmitter Spectrum Emission Mask	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	PASS	Appendix A - LTE - Normal
4.2.4	6.6.3.1	Transmitter Spurious Emissions	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	PASS	Appendix A - LTE - Normal
4.2.6	7.5	Receiver Adjacent Channel Selectivity (ACS)	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	PASS	Appendix A - LTE - Normal

Testcase in ETSI EN 301908-13	Testcase in 3GPP TS 36.521	Description	Condition	Test Band	Sample	Result	Test Data
4.2.11	6.6.2.3	Transmitter Adjacent Channel Leakage Power Ratio	NT / NV	FDD Band I	A01	PASS	Appendix A - LTE - Normal
			LT / LV	FDD Band III	A01	PASS	Appendix B - LTE - Extreme
			LT / HV	FDD Band VII	A01	PASS	Appendix B - LTE - Extreme
			HT / LV	FDD Band VIII	A01	PASS	Appendix B - LTE - Extreme
			HT / HV	FDD Band XX	A01	PASS	Appendix B - LTE - Extreme
4.2.7	7.6.1	Receiver Blocking Characteristics (In band)	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	PASS	Appendix A - LTE - Normal
4.2.7	7.6.2	Receiver Blocking Characteristics (Out band)	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	PASS	Appendix C - LTE - Blocking
4.2.7	7.6.3	Receiver Blocking Characteristics (Narrow band)	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	PASS	Appendix C - LTE - Blocking
4.2.8	7.7	Receiver Spurious Response	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	N/A	N/A _(Note 1)
4.2.9	7.8	Receiver Intermodulation Characteristics	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	PASS	Appendix A - LTE - Normal
4.2.10	7.9	Receiver Spurious Emissions	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	PASS	Appendix A - LTE - Normal

4.2.12	7.3	Receiver Reference Sensitivity Level	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	PASS	Appendix A - LTE - Normal
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Note 1: Receiver Spurious Response is just for the out-of-band blocking limit is not met.

APPENDIX D——TEST DATA FOR SPURIOUS EMISSIONS

D.1. RADIATED SPURIOUS EMISSIONS.

Band 1 CH L 5M QPSK H 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
66.51	-69.19	3.91	-65.28	-36	-29.28	
135.79	-64.25	6.95	-57.30	-36	-21.30	PASS
385.92	-66.13	9.27	-56.86	-36	-20.86	PASS
632.87	-66.38	9.75	-56.63	-36	-20.63	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level - Limit

Band 1 CH L 5M QPSK H 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1839.77	-57.69	18.05	-39.64	-30	-9.64	
2141.17	-63.07	15.75	-47.32	-30	-17.32	PASS
3375.43	-57.09	13.06	-44.03	-30	-14.03	PASS
6746.56	-69.49	12.52	-56.97	-30	-26.97	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH L 5M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
50.76	-69.65	3.91	-65.74	-36	-29.74	PASS
183.74	-64.43	6.95	-57.48	-36	-21.48	PASS
200.65	-59.29	9.27	-50.02	-36	-14.02	PASS
849.75	-59	9.75	-49.25	-36	-13.25	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH L 5M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1445.82	-58.73	18.05	-40.68	-30	-10.68	PASS
2144.13	-51.91	15.75	-36.16	-30	-6.16	PASS
3844.29	-63.22	13.06	-50.16	-30	-20.16	PASS
5042.80	-63.02	12.52	-50.50	-30	-20.50	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH M 5M QPSK H 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
57.33	-69.36	3.91	-65.45	-36	-29.45	PASS
125.67	-62	6.95	-55.05	-36	-19.05	PASS
563.46	-79.2	9.27	-69.93	-36	-33.93	PASS
613.88	-62.9	9.75	-53.15	-36	-17.15	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH M 5M QPSK H 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1719.59	-59.85	18.05	-41.80	-30	-11.80	PASS
2944.33	-69.49	15.75	-53.74	-30	-23.74	PASS
3216.88	-60.82	13.06	-47.76	-30	-17.76	PASS
5710.69	-68.91	12.52	-56.39	-30	-26.39	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH M 5M QPSK V 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
33.20	-62.91	3.91	-59.00	-36	-23.00	PASS
165.64	-60.98	6.95	-54.03	-36	-18.03	PASS
576.93	-73.24	9.27	-63.97	-36	-27.97	PASS
876.28	-78.91	9.75	-69.16	-36	-33.16	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH M 5M QPSK V 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1003.09	-54.8	18.05	-36.75	-30	-6.75	PASS
2473.64	-67.5	15.75	-51.75	-30	-21.75	PASS
3032.92	-63.93	13.06	-50.87	-30	-20.87	PASS
5900.38	-58.56	12.52	-46.04	-30	-16.04	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH H 5M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
78.08	-77.31	3.91	-73.40	-36	-37.40	PASS
107.94	-60.59	6.95	-53.64	-36	-17.64	PASS
302.68	-74.11	9.27	-64.84	-36	-28.84	PASS
803.32	-63.99	9.75	-54.24	-36	-18.24	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH H 5M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1882.99	-56.79	18.05	-38.74	-30	-8.74	PASS
2582.53	-55.37	15.75	-39.62	-30	-9.62	PASS
3583.46	-69.99	13.06	-56.93	-30	-26.93	PASS
4750.39	-51.29	12.52	-38.77	-30	-8.77	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH H 5M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
34.99	-69.96	3.91	-66.05	-36	-30.05	PASS
180.32	-65.28	6.95	-58.33	-36	-22.33	PASS
583.48	-67.79	9.27	-58.52	-36	-22.52	PASS
813.07	-78.47	9.75	-68.72	-36	-32.72	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH H 5M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1132.09	-55.08	18.05	-37.03	-30	-7.03	PASS
2296.24	-63.92	15.75	-48.17	-30	-18.17	PASS
3237.23	-49.25	13.06	-36.19	-30	-6.19	PASS
10596.30	-67.83	12.52	-55.31	-30	-25.31	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH L 20M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
84.83	-77.06	3.91	-73.15	-36	-37.15	PASS
116.06	-75.98	6.95	-69.03	-36	-33.03	PASS
274.57	-77.1	9.27	-67.83	-36	-31.83	PASS
695.97	-77.2	9.75	-67.45	-36	-31.45	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH L 20M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1111.50	-60.06	18.05	-42.01	-30	-12.01	PASS
2743.66	-64	15.75	-48.25	-30	-18.25	PASS
3338.06	-55.04	13.06	-41.98	-30	-11.98	PASS
7132.75	-63.63	12.52	-51.11	-30	-21.11	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH L 20M QPSK V 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
62.08	-76.61	3.91	-72.70	-36	-36.70	PASS
114.27	-72.66	6.95	-65.71	-36	-29.71	PASS
487.82	-59.96	9.27	-50.69	-36	-14.69	PASS
874.38	-78.92	9.75	-69.17	-36	-33.17	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH L 20M QPSK V 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1306.66	-52.85	18.05	-34.80	-30	-4.80	PASS
2599.17	-63.61	15.75	-47.86	-30	-17.86	PASS
3204.10	-54.1	13.06	-41.04	-30	-11.04	PASS
11440.83	-51.71	12.52	-39.19	-30	-9.19	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH M 20M QPSK H 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
78.61	-62.78	2.35	-60.43	-36	-24.43	PASS
138.91	-64.00	1.38	-62.62	-36	-26.62	PASS
576.16	-66.87	5.45	-61.42	-36	-25.42	PASS
644.08	-60.34	1.45	-58.89	-36	-22.89	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH M 20M QPSK H 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1527.08	-56.90	14.81	-42.09	-30	-12.09	PASS
2273.27	-60.13	15.91	-44.22	-30	-14.22	PASS
3746.93	-68.37	14.93	-53.44	-30	-23.44	PASS
9409.50	-54.47	16.55	-37.92	-30	-7.92	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH M 20M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
76.72	-61.00	5.93	-55.07	-36	-19.07	PASS
135.40	-51.16	9.25	-41.91	-36	-5.91	PASS
293.35	-68.91	4.35	-64.56	-36	-28.56	PASS
766.02	-67.72	8.47	-59.25	-36	-23.25	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH M 20M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1875.58	-49.69	18.25	-31.44	-30	-1.44	PASS
2028.06	-61.13	18.87	-42.26	-30	-12.26	PASS
3775.00	-56.23	13.86	-42.37	-30	-12.37	PASS
6832.25	-68.74	10.24	-58.50	-30	-28.50	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH H 20M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
51.57	-52.08	6.38	-45.70	-36	-9.70	PASS
184.47	-53.04	8.65	-44.39	-36	-8.39	PASS
558.17	-69.83	1.51	-68.32	-36	-32.32	PASS
829.61	-61.78	9.03	-52.75	-36	-16.75	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH H 20M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1341.08	-63.75	11.72	-52.03	-30	-22.03	PASS
2314.37	-62.56	15.95	-46.61	-30	-16.61	PASS
3111.98	-52.27	12.25	-40.02	-30	-10.02	PASS
5092.35	-54.68	15.98	-38.70	-30	-8.70	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH H 20M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
79.31	-68.87	1.69	-67.18	-36	-31.18	PASS
135.57	-54.59	3.80	-50.79	-36	-14.79	PASS
489.71	-57.42	3.93	-53.49	-36	-17.49	PASS
699.71	-64.72	8.89	-55.83	-36	-19.83	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH H 20M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1821.28	-49.73	15.40	-34.33	-30	-4.33	PASS
2537.04	-60.24	14.23	-46.01	-30	-16.01	PASS
3427.77	-54.78	18.65	-36.13	-30	-6.13	PASS
9394.46	-68.81	16.16	-52.65	-30	-22.65	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Note: This report records the worst test results, test results only QPSK Mode worst.

Band 3 CH L 1.4M QPSK H 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
88.05	-61.91	3.91	-58.00	-36	-22.00	PASS
193.45	-64.43	6.95	-57.48	-36	-21.48	PASS
450.54	-67.23	9.27	-57.96	-36	-21.96	PASS
888.04	-69.84	9.75	-60.09	-36	-24.09	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH L 1.4M QPSK H 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1962.11	-52.84	18.05	-34.79	-30	-4.79	PASS
2267.05	-59.07	15.75	-43.32	-30	-13.32	PASS
3191.95	-53.4	13.06	-40.34	-30	-10.34	PASS
4084.99	-68.23	12.52	-55.71	-30	-25.71	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH L 1.4M QPSK V 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
37.68	-66.66	3.91	-62.75	-36	-26.75	PASS
146.94	-79.99	6.95	-73.04	-36	-37.04	PASS
457.03	-61.58	9.27	-52.31	-36	-16.31	PASS
687.36	-59.49	9.75	-49.74	-36	-13.74	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH L 1.4M QPSK V 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1126.90	-49.95	18.05	-31.90	-30	-1.90	PASS
2121.43	-59.71	15.75	-43.96	-30	-13.96	PASS
3924.93	-57.34	13.06	-44.28	-30	-14.28	PASS
11666.80	-54.09	12.52	-41.57	-30	-11.57	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH M 1.4M QPSK H 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
90.11	-79.83	3.91	-75.92	-36	-39.92	PASS
187.68	-74.24	6.95	-67.29	-36	-31.29	PASS
247.48	-78.92	9.27	-69.65	-36	-33.65	PASS
657.58	-68.50	9.75	-58.75	-36	-22.75	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH M 1.4M QPSK H 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1903.04	-56.49	18.05	-38.44	-30	-8.44	PASS
2599.08	-57.14	15.75	-41.39	-30	-11.39	PASS
3300.66	-54.72	13.06	-41.66	-30	-11.66	PASS
8744.32	-64.95	12.52	-52.43	-30	-22.43	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH M 1.4M QPSK V 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
73.30	-78.53	3.91	-74.62	-36	-38.62	PASS
113.62	-70.21	6.95	-63.26	-36	-27.26	PASS
435.53	-65.03	9.27	-55.76	-36	-19.76	PASS
833.91	-64.64	9.75	-54.89	-36	-18.89	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH M 1.4M QPSK V 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1412.31	-64.1	18.05	-46.05	-30	-16.05	PASS
2331.22	-51.96	15.75	-36.21	-30	-6.21	PASS
3470.35	-60.63	13.06	-47.57	-30	-17.57	PASS
5644.73	-67.63	12.52	-55.11	-30	-25.11	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH H 1.4M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
83.96	-78.09	3.91	-74.18	-36	-38.18	PASS
178.31	-61.44	6.95	-54.49	-36	-18.49	PASS
491.71	-64.86	9.27	-55.59	-36	-19.59	PASS
659.90	-76.29	9.75	-66.54	-36	-30.54	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH H 1.4M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1780.74	-57.71	18.05	-39.66	-30	-9.66	PASS
2881.40	-53.17	15.75	-37.42	-30	-7.42	PASS
3409.07	-52.09	13.06	-39.03	-30	-9.03	PASS
4047.05	-49.56	12.52	-37.04	-30	-7.04	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH H 1.4M QPSK V 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
34.19	-66.60	3.91	-62.69	-36	-26.69	PASS
165.31	-66.52	6.95	-59.57	-36	-23.57	PASS
402.86	-61.05	9.27	-51.78	-36	-15.78	PASS
763.85	-61.60	9.75	-51.85	-36	-15.85	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH H 1.4M QPSK V 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1638.52	-64.73	18.05	-46.68	-30	-16.68	PASS
2542.69	-52.18	15.75	-36.43	-30	-6.43	PASS
3140.82	-64.79	13.06	-51.73	-30	-21.73	PASS
4302.32	-65.12	12.52	-52.60	-30	-22.60	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Note: This report records the worst test results, test results only QPSK Mode worst.

Band 3 CH L 5M QPSK H 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
60.89	-64.90	3.91	-60.99	-36	-24.99	PASS
162.18	-67.16	6.95	-60.21	-36	-24.21	PASS
216.97	-78.92	9.27	-69.65	-36	-33.65	PASS
664.03	-66.58	9.75	-56.83	-36	-20.83	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH L 5M QPSK H 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1907.73	-60.11	18.05	-42.06	-30	-12.06	PASS
2336.04	-53.85	15.75	-38.10	-30	-8.10	PASS
3708.39	-65.32	13.06	-52.26	-30	-22.26	PASS
10125.53	-61.49	12.52	-48.97	-30	-18.97	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH L 5M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
51.35	-72.16	3.91	-68.25	-36	-32.25	PASS
154.48	-61.91	6.95	-54.96	-36	-18.96	PASS
343.52	-59.51	9.27	-50.24	-36	-14.24	PASS
689.66	-72.32	9.75	-62.57	-36	-26.57	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH L 5M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1893.86	-58.52	18.05	-40.47	-30	-10.47	PASS
2830.75	-62.17	15.75	-46.42	-30	-16.42	PASS
3689.82	-62.85	13.06	-49.79	-30	-19.79	PASS
6264.98	-53.12	12.52	-40.60	-30	-10.60	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH M 5M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
58.97	-77.92	3.91	-74.01	-36	-38.01	PASS
132.80	-79.73	6.95	-72.78	-36	-36.78	PASS
252.59	-65.22	9.27	-55.95	-36	-19.95	PASS
702.72	-65.15	9.75	-55.40	-36	-19.40	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH M 5M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1245.36	-51.94	18.05	-33.89	-30	-3.89	PASS
2669.98	-67.56	15.75	-51.81	-30	-21.81	PASS
3989.36	-61.15	13.06	-48.09	-30	-18.09	PASS
10569.68	-57.13	12.52	-44.61	-30	-14.61	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH M 5M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
34.36	-72.91	3.91	-69.00	-36	-33.00	PASS
95.99	-64.86	6.95	-57.91	-36	-21.91	PASS
432.83	-59.94	9.27	-50.67	-36	-14.67	PASS
704.38	-71.01	9.75	-61.26	-36	-25.26	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH M 5M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1396.66	-52.85	18.05	-34.80	-30	-4.80	PASS
2719.23	-68.99	15.75	-53.24	-30	-23.24	PASS
3903.51	-57.79	13.06	-44.73	-30	-14.73	PASS
8409.89	-64.61	12.52	-52.09	-30	-22.09	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH H 5M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
44.35	-63.93	3.91	-60.02	-36	-24.02	PASS
169.68	-75.40	6.95	-68.45	-36	-32.45	PASS
477.82	-75.48	9.27	-66.21	-36	-30.21	PASS
846.59	-78.74	9.75	-68.99	-36	-32.99	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH H 5M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1850.46	-49.65	18.05	-31.60	-30	-1.60	PASS
2909.64	-56.49	15.75	-40.74	-30	-10.74	PASS
3452.98	-57.68	13.06	-44.62	-30	-14.62	PASS
6916.48	-62.44	12.52	-49.92	-30	-19.92	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH H 5M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
49.77	-72.35	3.91	-68.44	-36	-32.44	PASS
195.12	-67.60	6.95	-60.65	-36	-24.65	PASS
558.04	-79.09	9.27	-69.82	-36	-33.82	PASS
758.02	-63.28	9.75	-53.53	-36	-17.53	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH H 5M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1185.80	-62.15	18.05	-44.10	-30	-14.10	PASS
2116.70	-60	15.75	-44.25	-30	-14.25	PASS
3696.99	-55.61	13.06	-42.55	-30	-12.55	PASS
8594.18	-66.88	12.52	-54.36	-30	-24.36	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Note: This report records the worst test results, test results only QPSK Mode worst

Band 3 CH L 20M QPSK H 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
64.33	-62.27	3.91	-58.36	-36	-22.36	PASS
146.66	-66.59	6.95	-59.64	-36	-23.64	PASS
584.01	-66.49	9.27	-57.22	-36	-21.22	PASS
664.70	-64.09	9.75	-54.34	-36	-18.34	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH L 20M QPSK H 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1620.61	-49.86	18.05	-31.81	-30	-1.81	PASS
2213.39	-62.76	15.75	-47.01	-30	-17.01	PASS
3763.91	-69.72	13.06	-56.66	-30	-26.66	PASS
10917.27	-59.98	12.52	-47.46	-30	-17.46	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH L 20M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
74.61	-64.24	3.91	-60.33	-36	-24.33	PASS
155.65	-73.94	6.95	-66.99	-36	-30.99	PASS
325.84	-71.60	9.27	-62.33	-36	-26.33	PASS
700.90	-69.82	9.75	-60.07	-36	-24.07	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH L 20M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1780.51	-57.92	18.05	-39.87	-30	-9.87	PASS
2994.62	-52.06	15.75	-36.31	-30	-6.31	PASS
3157.77	-58.12	13.06	-45.06	-30	-15.06	PASS
6127.11	-65.96	12.52	-53.44	-30	-23.44	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH M 20M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
64.43	-73.21	3.91	-69.30	-36	-33.30	PASS
143.83	-79.64	6.95	-72.69	-36	-36.69	PASS
282.39	-72.22	9.27	-62.95	-36	-26.95	PASS
652.79	-68.28	9.75	-58.53	-36	-22.53	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH M 20M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1620.95	-53.27	18.05	-35.22	-30	-5.22	PASS
2942.47	-69.97	15.75	-54.22	-30	-24.22	PASS
3621.41	-57.65	13.06	-44.59	-30	-14.59	PASS
4851.20	-62.46	12.52	-49.94	-30	-19.94	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH M 20M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
52.45	-69.64	3.91	-65.73	-36	-29.73	PASS
96.03	-75.87	6.95	-68.92	-36	-32.92	PASS
477.90	-67.62	9.27	-58.35	-36	-22.35	PASS
704.67	-72.13	9.75	-62.38	-36	-26.38	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH M 20M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1051.95	-66.45	18.05	-48.40	-30	-18.40	PASS
2661.38	-50.97	15.75	-35.22	-30	-5.22	PASS
3928.10	-62.61	13.06	-49.55	-30	-19.55	PASS
6816.46	-61.73	12.52	-49.21	-30	-19.21	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH H 20M QPSK H 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
49.33	-60.41	3.91	-56.50	-36	-20.50	PASS
98.78	-69.44	6.95	-62.49	-36	-26.49	PASS
346.96	-72.02	9.27	-62.75	-36	-26.75	PASS
899.81	-79.47	9.75	-69.72	-36	-33.72	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH H 20M QPSK H 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1311.64	-66.17	18.05	-48.12	-30	-18.12	PASS
2007.72	-50.24	15.75	-34.49	-30	-4.49	PASS
3291.01	-50.34	13.06	-37.28	-30	-7.28	PASS
4727.27	-67.14	12.52	-54.62	-30	-24.62	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH H 20M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
30.15	-68.69	3.91	-64.78	-36	-28.78	PASS
194.04	-61.51	6.95	-54.56	-36	-18.56	PASS
594.53	-61.06	9.27	-51.79	-36	-15.79	PASS
663.76	-72.50	9.75	-62.75	-36	-26.75	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH H 20M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1158.35	-61.14	18.05	-43.09	-30	-13.09	PASS
2017.15	-54.8	15.75	-39.05	-30	-9.05	PASS
3571.22	-55.03	13.06	-41.97	-30	-11.97	PASS
11750.41	-53.1	12.52	-40.58	-30	-10.58	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Note: This report records the worst test results, test results only QPSK Mode worst.

Band 7 CH L 5M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
33.90	-53.41	3.91	-49.50	-36	-13.50	PASS
162.36	-51.15	6.95	-44.20	-36	-8.20	PASS
362.54	-51.54	9.27	-42.27	-36	-6.27	PASS
852.94	-55.48	9.75	-45.73	-36	-9.73	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH L 5M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1833.82	-57.26	18.05	-39.21	-30	-9.21	PASS
2661.31	-49.43	15.75	-33.68	-30	-3.68	PASS
3468.00	-52.67	13.06	-39.61	-30	-9.61	PASS
6399.35	-57.56	12.52	-45.04	-30	-15.04	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH L 5M QPSK V 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
56.13	-53.00	3.91	-49.09	-36	-13.09	PASS
145.01	-50.58	6.95	-43.63	-36	-7.63	PASS
534.72	-58.56	9.27	-49.29	-36	-13.29	PASS
687.96	-51.66	9.75	-41.91	-36	-5.91	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH L 5M QPSK V 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1251.10	-52.11	18.05	-34.06	-30	-4.06	PASS
2164.67	-56.70	15.75	-40.95	-30	-10.95	PASS
3481.54	-54.16	13.06	-41.10	-30	-11.10	PASS
5865.35	-50.20	12.52	-37.68	-30	-7.68	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH M 5M QPSK H 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
55.81	-52.33	3.91	-48.42	-36	-12.42	PASS
170.53	-57.48	6.95	-50.53	-36	-14.53	PASS
363.87	-49.05	9.27	-39.78	-36	-3.78	PASS
888.54	-57.06	9.75	-47.31	-36	-11.31	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH M 5M QPSK H 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1260.32	-55.93	18.05	-37.88	-30	-7.88	PASS
2895.71	-49.65	15.75	-33.90	-30	-3.90	PASS
3864.66	-59.35	13.06	-46.29	-30	-16.29	PASS
6318.22	-52.92	12.52	-40.40	-30	-10.40	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH M 5M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
55.18	-49.06	3.91	-45.15	-36	-9.15	PASS
174.24	-57.34	6.95	-50.39	-36	-14.39	PASS
224.39	-57.67	9.27	-48.40	-36	-12.40	PASS
786.70	-59.28	9.75	-49.53	-36	-13.53	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7CH M 5M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1168.73	-57.56	18.05	-39.51	-30	-9.51	PASS
2543.37	-59.83	15.75	-44.08	-30	-14.08	PASS
3826.40	-57.84	13.06	-44.78	-30	-14.78	PASS
5794.83	-50.96	12.52	-38.44	-30	-8.44	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Note: This report records the worst test results, test results only QPSK Mode worst.

Band 7 CH H 5M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
57.14	-54.65	3.91	-50.74	-36	-14.74	PASS
94.23	-59.85	6.95	-52.90	-36	-16.90	PASS
589.53	-59.20	9.27	-49.93	-36	-13.93	PASS
719.04	-50.71	9.75	-40.96	-36	-4.96	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH H 5M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1569.43	-49.41	18.05	-31.36	-30	-1.36	PASS
2550.01	-59.41	15.75	-43.66	-30	-13.66	PASS
3137.74	-50.72	13.06	-37.66	-30	-7.66	PASS
7389.57	-49.22	12.52	-36.70	-30	-6.70	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH H 5M QPSK V 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
52.30	-59.80	3.91	-55.89	-36	-19.89	PASS
138.89	-52.19	6.95	-45.24	-36	-9.24	PASS
552.37	-53.37	9.27	-44.10	-36	-8.10	PASS
611.34	-51.54	9.75	-41.79	-36	-5.79	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7CH H 5M QPSK V 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1956.75	-58.61	18.05	-40.56	-30	-10.56	PASS
2185.82	-49.20	15.75	-33.45	-30	-3.45	PASS
3026.59	-49.05	13.06	-35.99	-30	-5.99	PASS
8251.30	-52.26	12.52	-39.74	-30	-9.74	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Note: This report records the worst test results, test results only QPSK Mode worst.

Band 7 CH L 20M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
70.70	-79.79	3.91	-75.88	-36	-39.88	PASS
136.51	-73.87	6.95	-66.92	-36	-30.92	PASS
343.65	-59.26	9.27	-49.99	-36	-13.99	PASS
882.74	-75.27	9.75	-65.52	-36	-29.52	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH L 20M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1270.11	-69.32	18.05	-51.27	-30	-21.27	PASS
2100.33	-49.03	15.75	-33.28	-30	-3.28	PASS
3480.55	-52.28	13.06	-39.22	-30	-9.22	PASS
6649.24	-61.16	12.52	-48.64	-30	-18.64	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH L 20M QPSK V 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
62.03	-65.56	3.91	-61.65	-36	-25.65	PASS
122.39	-65.82	6.95	-58.87	-36	-22.87	PASS
380.32	-66.93	9.27	-57.66	-36	-21.66	PASS
608.90	-63.02	9.75	-53.27	-36	-17.27	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH L 20M QPSK V 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1709.10	-59.6	18.05	-41.55	-30	-11.55	PASS
2378.77	-53.96	15.75	-38.21	-30	-8.21	PASS
3143.87	-56.18	13.06	-43.12	-30	-13.12	PASS
7062.71	-58.33	12.52	-45.81	-30	-15.81	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH M 20M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
45.60	-59.37	3.91	-55.46	-36	-19.46	PASS
150.24	-72.16	6.95	-65.21	-36	-29.21	PASS
416.79	-74.52	9.27	-65.25	-36	-29.25	PASS
666.44	-77.73	9.75	-67.98	-36	-31.98	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH M 20M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1532.94	-58.81	18.05	-40.76	-30	-10.76	PASS
2655.14	-60.44	15.75	-44.69	-30	-14.69	PASS
3818.82	-63.73	13.06	-50.67	-30	-20.67	PASS
8117.59	-61.24	12.52	-48.72	-30	-18.72	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH M 20M QPSK V 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
73.19	-74.26	3.91	-70.35	-36	-34.35	PASS
121.01	-76.41	6.95	-69.46	-36	-33.46	PASS
540.49	-62.99	9.27	-53.72	-36	-17.72	PASS
718.58	-64.37	9.75	-54.62	-36	-18.62	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH M 20M QPSK V 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1219.17	-57.49	18.05	-39.44	-30	-9.44	PASS
2502.66	-60.31	15.75	-44.56	-30	-14.56	PASS
3546.44	-60.85	13.06	-47.79	-30	-17.79	PASS
8037.77	-51.39	12.52	-38.87	-30	-8.87	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH H 20M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
31.70	-71.71	3.91	-67.80	-36	-31.80	PASS
113.64	-69.92	6.95	-62.97	-36	-26.97	PASS
359.44	-74.47	9.27	-65.20	-36	-29.20	PASS
762.70	-69.99	9.75	-60.24	-36	-24.24	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH H 20M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1735.67	-51.33	18.05	-33.28	-30	-3.28	PASS
2154.89	-59.06	15.75	-43.31	-30	-13.31	PASS
3412.42	-51.97	13.06	-38.91	-30	-8.91	PASS
5254.54	-60.35	12.52	-47.83	-30	-17.83	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH H 20M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
45.12	-64.56	3.91	-60.65	-36	-24.65	PASS
145.30	-73.18	6.95	-66.23	-36	-30.23	PASS
359.24	-79.19	9.27	-69.92	-36	-33.92	PASS
733.91	-70.32	9.75	-60.57	-36	-24.57	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH H 20M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1980.18	-65.12	18.05	-47.07	-30	-17.07	PASS
2010.75	-59.89	15.75	-44.14	-30	-14.14	PASS
3296.95	-61.6	13.06	-48.54	-30	-18.54	PASS
4468.88	-69.05	12.52	-56.53	-30	-26.53	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Note: This report records the worst test results, test results only QPSK Mode worst.

Band 8 CH L 5M QPSK H 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
55.64	-73.22	3.91	-69.31	-36	-33.31	PASS
135.23	-66.32	6.95	-59.37	-36	-23.37	PASS
495.82	-66.58	9.27	-57.31	-36	-21.31	PASS
736.46	-75.69	9.75	-65.94	-36	-29.94	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH L 5M QPSK H 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1603.70	-60.93	18.05	-42.88	-30	-12.88	PASS
2808.52	-53.05	15.75	-37.30	-30	-7.30	PASS
3293.16	-51.49	13.06	-38.43	-30	-8.43	PASS
11504.36	-58.62	12.52	-46.10	-30	-16.10	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH L 5M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
73.12	-72.66	3.91	-68.75	-36	-32.75	PASS
146.86	-67.54	6.95	-60.59	-36	-24.59	PASS
303.24	-71.19	9.27	-61.92	-36	-25.92	PASS
648.63	-78.20	9.75	-68.45	-36	-32.45	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH L 5M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1064.13	-69.62	18.05	-51.57	-30	-21.57	PASS
2946.65	-67.76	15.75	-52.01	-30	-22.01	PASS
3375.79	-56.26	13.06	-43.20	-30	-13.20	PASS
6749.84	-58.09	12.52	-45.57	-30	-15.57	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH M 5M QPSK H 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
86.37	-77.15	3.91	-73.24	-36	-37.24	PASS
161.80	-62.85	6.95	-55.90	-36	-19.90	PASS
371.55	-61.55	9.27	-52.28	-36	-16.28	PASS
754.17	-78.61	9.75	-68.86	-36	-32.86	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH M 5M QPSK H 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1271.85	-60.2	18.05	-42.15	-30	-12.15	PASS
2562.40	-63.62	15.75	-47.87	-30	-17.87	PASS
3528.34	-53.37	13.06	-40.31	-30	-10.31	PASS
10544.28	-59.19	12.52	-46.67	-30	-16.67	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH M 5M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
34.42	-75.49	3.91	-71.58	-36	-35.58	PASS
186.79	-64.96	6.95	-58.01	-36	-22.01	PASS
321.46	-75.35	9.27	-66.08	-36	-30.08	PASS
890.11	-69.19	9.75	-59.44	-36	-23.44	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH M 5M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1142.93	-66.66	18.05	-48.61	-30	-18.61	PASS
2568.89	-57.88	15.75	-42.13	-30	-12.13	PASS
3590.26	-69.79	13.06	-56.73	-30	-26.73	PASS
8178.64	-62.19	12.52	-49.67	-30	-19.67	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH H 5M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
45.56	-67.55	3.91	-63.64	-36	-27.64	PASS
125.76	-67.28	6.95	-60.33	-36	-24.33	PASS
481.59	-64.95	9.27	-55.68	-36	-19.68	PASS
658.69	-69.41	9.75	-59.66	-36	-23.66	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH H 5M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1754.61	-62.14	18.05	-44.09	-30	-14.09	PASS
2058.93	-66.64	15.75	-50.89	-30	-20.89	PASS
3505.37	-56.64	13.06	-43.58	-30	-13.58	PASS
6222.20	-68.05	12.52	-55.53	-30	-25.53	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH H 5M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
77.37	-71.53	3.91	-67.62	-36	-31.62	PASS
153.35	-59.78	6.95	-52.83	-36	-16.83	PASS
474.38	-67.31	9.27	-58.04	-36	-22.04	PASS
697.20	-78.84	9.75	-69.09	-36	-33.09	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH H 5M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1403.83	-67.42	18.05	-49.37	-30	-19.37	PASS
2744.96	-57.87	15.75	-42.12	-30	-12.12	PASS
3296.47	-62.63	13.06	-49.57	-30	-19.57	PASS
9815.97	-57.21	12.52	-44.69	-30	-14.69	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Note: This report records the worst test results, test results only QPSK Mode worst.

Band 8 CH L 10M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
38.37	-64.34	3.91	-60.43	-36	-24.43	PASS
152.90	-67.88	6.95	-60.93	-36	-24.93	PASS
513.94	-70.99	9.27	-61.72	-36	-25.72	PASS
761.42	-65.29	9.75	-55.54	-36	-19.54	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH L 10M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1192.11	-49.63	18.05	-31.58	-30	-1.58	PASS
2848.26	-63.95	15.75	-48.20	-30	-18.20	PASS
3262.65	-59.49	13.06	-46.43	-30	-16.43	PASS
5124.32	-67.1	12.52	-54.58	-30	-24.58	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH L 10M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
77.33	-61.77	3.91	-57.86	-36	-21.86	PASS
145.51	-79.09	6.95	-72.14	-36	-36.14	PASS
429.36	-78.67	9.27	-69.40	-36	-33.40	PASS
609.52	-67.26	9.75	-57.51	-36	-21.51	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH L 10M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1712.77	-55.83	18.05	-37.78	-30	-7.78	PASS
2315.05	-53.63	15.75	-37.88	-30	-7.88	PASS
3141.11	-59.1	13.06	-46.04	-30	-16.04	PASS
10834.89	-60.62	12.52	-48.10	-30	-18.10	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH M 10M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
50.18	-70.42	3.91	-66.51	-36	-30.51	PASS
193.12	-74.10	6.95	-67.15	-36	-31.15	PASS
587.31	-66.14	9.27	-56.87	-36	-20.87	PASS
768.72	-68.34	9.75	-58.59	-36	-22.59	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH M 10M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1185.74	-64.21	18.05	-46.16	-30	-16.16	PASS
2459.02	-49.54	15.75	-33.79	-30	-3.79	PASS
3487.48	-58.48	13.06	-45.42	-30	-15.42	PASS
8598.41	-58.52	12.52	-46.00	-30	-16.00	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH M 10M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
31.61	-67.25	3.91	-63.34	-36	-27.34	PASS
174.04	-59.83	6.95	-52.88	-36	-16.88	PASS
520.95	-73.61	9.27	-64.34	-36	-28.34	PASS
679.54	-59.27	9.75	-49.52	-36	-13.52	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH M 10M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1129.14	-65.14	18.05	-47.09	-30	-17.09	PASS
2353.67	-57.24	15.75	-41.49	-30	-11.49	PASS
3530.57	-68.41	13.06	-55.35	-30	-25.35	PASS
10392.81	-54.35	12.52	-41.83	-30	-11.83	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH H 10M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
50.87	-62.43	3.91	-58.52	-36	-22.52	PASS
106.98	-64.06	6.95	-57.11	-36	-21.11	PASS
225.63	-78.41	9.27	-69.14	-36	-33.14	PASS
735.99	-67.31	9.75	-57.56	-36	-21.56	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH H 10M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1371.65	-62.92	18.05	-44.87	-30	-14.87	PASS
2254.81	-67.51	15.75	-51.76	-30	-21.76	PASS
3307.90	-62.97	13.06	-49.91	-30	-19.91	PASS
9254.55	-68.48	12.52	-55.96	-30	-25.96	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH H 10M QPSK V 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
53.15	-59.33	3.91	-55.42	-36	-19.42	PASS
155.65	-72.29	6.95	-65.34	-36	-29.34	PASS
476.57	-70.63	9.27	-61.36	-36	-25.36	PASS
754.24	-77.92	9.75	-68.17	-36	-32.17	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH H 10M QPSK V 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1954.60	-64.27	18.05	-46.22	-30	-16.22	PASS
2751.60	-58.88	15.75	-43.13	-30	-13.13	PASS
3039.39	-61.34	13.06	-48.28	-30	-18.28	PASS
11289.65	-62.4	12.52	-49.88	-30	-19.88	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Note: This report records the worst test results, test results only QPSK Mode worst.

Band 20 CH L 5M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
81.11	-76.00	3.91	-72.09	-36	-36.09	PASS
191.67	-67.93	6.95	-60.98	-36	-24.98	PASS
301.44	-68.09	9.27	-58.82	-36	-22.82	PASS
714.82	-69.82	9.75	-60.07	-36	-24.07	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20 CH L 5M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1811.46	-63.25	18.05	-45.20	-30	-15.20	PASS
2177.20	-57.11	15.75	-41.36	-30	-11.36	PASS
3994.60	-56.23	13.06	-43.17	-30	-13.17	PASS
6909.79	-65.41	12.52	-52.89	-30	-22.89	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20 CH L 5M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
58.81	-69.85	3.91	-65.94	-36	-29.94	PASS
136.60	-65.45	6.95	-58.50	-36	-22.50	PASS
376.92	-60.88	9.27	-51.61	-36	-15.61	PASS
836.15	-75.23	9.75	-65.48	-36	-29.48	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20 CH L 5M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1009.47	-54.13	18.05	-36.08	-30	-6.08	PASS
2181.51	-67.06	15.75	-51.31	-30	-21.31	PASS
3001.17	-54.21	13.06	-41.15	-30	-11.15	PASS
11544.40	-52.02	12.52	-39.50	-30	-9.50	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20 CH M 5M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
90.14	-67.89	3.91	-63.98	-36	-27.98	PASS
100.39	-62.09	6.95	-55.14	-36	-19.14	PASS
251.40	-59.41	9.27	-50.14	-36	-14.14	PASS
775.49	-77.69	9.75	-67.94	-36	-31.94	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20 CH M 5M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1782.68	-69.12	18.05	-51.07	-30	-21.07	PASS
2154.13	-50.35	15.75	-34.60	-30	-4.60	PASS
3477.88	-62.57	13.06	-49.51	-30	-19.51	PASS
6191.15	-65.33	12.52	-52.81	-30	-22.81	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20 CH M 5M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
52.18	-73.73	3.91	-69.82	-36	-33.82	PASS
154.14	-78.99	6.95	-72.04	-36	-36.04	PASS
490.53	-78.28	9.27	-69.01	-36	-33.01	PASS
643.84	-76.61	9.75	-66.86	-36	-30.86	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20 CH M 5M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1852.29	-63.94	18.05	-45.89	-30	-15.89	PASS
2244.72	-49.44	15.75	-33.69	-30	-3.69	PASS
3512.36	-69	13.06	-55.94	-30	-25.94	PASS
5567.00	-68.54	12.52	-56.02	-30	-26.02	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Note: This report records the worst test results, test results only QPSK Mode worst.

Band 20CH H 5M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
30.56	-78.01	3.91	-74.10	-36	-38.10	PASS
109.63	-68.97	6.95	-62.02	-36	-26.02	PASS
248.89	-64.36	9.27	-55.09	-36	-19.09	PASS
662.37	-75.98	9.75	-66.23	-36	-30.23	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20 CH H 5M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1210.72	-69.45	18.05	-51.40	-30	-21.40	PASS
2550.13	-69.06	15.75	-53.31	-30	-23.31	PASS
3971.10	-65.01	13.06	-51.95	-30	-21.95	PASS
11219.88	-50.22	12.52	-37.70	-30	-7.70	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20 CH H 5M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
78.82	-68.07	3.91	-64.16	-36	-28.16	PASS
99.65	-75.10	6.95	-68.15	-36	-32.15	PASS
259.12	-76.26	9.27	-66.99	-36	-30.99	PASS
646.69	-61.63	9.75	-51.88	-36	-15.88	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20 CH H 5M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1223.35	-63.71	18.05	-45.66	-30	-15.66	PASS
2694.52	-59.87	15.75	-44.12	-30	-14.12	PASS
3753.46	-61.02	13.06	-47.96	-30	-17.96	PASS
11514.63	-54.72	12.52	-42.20	-30	-12.20	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Note: This report records the worst test results, test results only QPSK Mode worst.

Band 20 CH L 20M QPSK H 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
71.91	-65.20	3.91	-61.29	-36	-25.29	PASS
146.06	-76.27	6.95	-69.32	-36	-33.32	PASS
591.44	-67.26	9.27	-57.99	-36	-21.99	PASS
618.56	-71.64	9.75	-61.89	-36	-25.89	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20 CH L 20M QPSK H 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1507.72	-60.05	18.05	-42.00	-30	-12.00	PASS
2505.98	-54.65	15.75	-38.90	-30	-8.90	PASS
3018.91	-54.15	13.06	-41.09	-30	-11.09	PASS
4742.93	-64.17	12.52	-51.65	-30	-21.65	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20 CH L 20M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
34.77	-59.74	3.91	-55.83	-36	-19.83	PASS
137.96	-75.37	6.95	-68.42	-36	-32.42	PASS
257.74	-73.38	9.27	-64.11	-36	-28.11	PASS
834.46	-73.12	9.75	-63.37	-36	-27.37	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20 CH L 20M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1187.43	-67	18.05	-48.95	-30	-18.95	PASS
2257.39	-59.99	15.75	-44.24	-30	-14.24	PASS
3830.57	-63.65	13.06	-50.59	-30	-20.59	PASS
10408.87	-56.8	12.52	-44.28	-30	-14.28	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Note: This report records the worst test results, test results only QPSK Mode worst.

Band 20 CH M 20M QPSK H 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
63.85	-59.50	3.91	-55.59	-36	-19.59	PASS
155.12	-59.28	6.95	-52.33	-36	-16.33	PASS
538.90	-67.38	9.27	-58.11	-36	-22.11	PASS
611.23	-74.62	9.75	-64.87	-36	-28.87	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20 CH M 20M QPSK H 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1239.56	-51.83	18.05	-33.78	-30	-3.78	PASS
2274.31	-56.68	15.75	-40.93	-30	-10.93	PASS
3992.43	-64.98	13.06	-51.92	-30	-21.92	PASS
5675.18	-62.7	12.52	-50.18	-30	-20.18	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20 CH M 20M QPSK V 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
60.90	-67.88	3.91	-63.97	-36	-27.97	PASS
149.88	-79.45	6.95	-72.50	-36	-36.50	PASS
210.60	-63.77	9.27	-54.50	-36	-18.50	PASS
781.10	-75.09	9.75	-65.34	-36	-29.34	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20 CH M 20M QPSK V 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1985.80	-59.6	18.05	-41.55	-30	-11.55	PASS
2284.43	-56.81	15.75	-41.06	-30	-11.06	PASS
3679.54	-53.69	13.06	-40.63	-30	-10.63	PASS
9992.84	-65.65	12.52	-53.13	-30	-23.13	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Note: This report records the worst test results, test results only QPSK Mode worst.

Band 20 CH H 20M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
44.34	-79.96	3.91	-76.05	-36	-40.05	PASS
173.10	-75.66	6.95	-68.71	-36	-32.71	PASS
596.76	-59.24	9.27	-49.97	-36	-13.97	PASS
709.61	-76.22	9.75	-66.47	-36	-30.47	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20CH H 20M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1546.39	-69.83	18.05	-51.78	-30	-21.78	PASS
2411.43	-64.62	15.75	-48.87	-30	-18.87	PASS
3226.84	-64.7	13.06	-51.64	-30	-21.64	PASS
4624.10	-54.49	12.52	-41.97	-30	-11.97	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20 CH H 20M QPSK V 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
57.45	-62.92	3.91	-59.01	-36	-23.01	PASS
135.08	-61.37	6.95	-54.42	-36	-18.42	PASS
261.21	-68.52	9.27	-59.25	-36	-23.25	PASS
621.10	-79.41	9.75	-69.66	-36	-33.66	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20CH H 20M QPSK V 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1327.80	-57.85	18.05	-39.80	-30	-9.80	PASS
2722.50	-67.74	15.75	-51.99	-30	-21.99	PASS
3739.18	-55.91	13.06	-42.85	-30	-12.85	PASS
6296.65	-59.33	12.52	-46.81	-30	-16.81	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Note: This report records the worst test results, test results only QPSK Mode worst.

Idle Mode

Band 1 CH L 20M QPSK 30M-1G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
41.79	H	-80.00	8.07	-71.93	-57	-14.93	PASS
133.19	H	-81.37	7.62	-73.75	-57	-16.75	PASS
231.49	H	-71.92	5.62	-66.30	-57	-9.30	PASS
633.17	H	-79.22	8.80	-70.42	-57	-13.42	PASS
71.39	V	-88.72	2.77	-85.95	-57	-28.95	PASS
156.57	V	-74.30	7.04	-67.26	-57	-10.26	PASS
245.01	V	-85.62	5.42	-80.20	-57	-23.20	PASS
703.54	V	-76.85	4.44	-72.41	-57	-15.41	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH L 20M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1705.82	V	-74.67	8.92	-65.75	-47	-18.75	PASS
2958.15	V	-73.26	14.79	-58.47	-47	-11.47	PASS
3711.18	V	-72.38	11.97	-60.41	-47	-13.41	PASS
8808.32	V	-68.02	14.58	-53.44	-47	-6.44	PASS
1124.59	H	-65.98	11.13	-54.85	-47	-7.85	PASS
2252.11	H	-68.88	8.20	-60.68	-47	-13.68	PASS
3709.46	H	-68.83	11.93	-56.90	-47	-9.90	PASS
10618.18	H	-78.23	14.12	-64.11	-47	-17.11	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH M 20M QPSK 30M-1G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
30.78	H	-73.55	8.07	-65.48	-57	-8.48	PASS
171.94	H	-78.22	7.62	-70.60	-57	-13.60	PASS
203.23	H	-89.65	5.62	-84.03	-57	-27.03	PASS
663.76	H	-72.09	8.80	-63.29	-57	-6.29	PASS
86.51	V	-80.11	2.77	-77.34	-57	-20.34	PASS
92.64	V	-89.96	7.04	-82.92	-57	-25.92	PASS
336.47	V	-81.58	5.42	-76.16	-57	-19.16	PASS
705.79	V	-80.22	4.44	-75.78	-57	-18.78	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH M 20M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1833.77	V	-66.15	8.92	-57.23	-47	-10.23	PASS
2001.88	V	-74.90	14.79	-60.11	-47	-13.11	PASS
3943.10	V	-64.22	11.97	-52.25	-47	-5.25	PASS
4869.32	V	-72.39	14.58	-57.81	-47	-10.81	PASS
1985.66	H	-76.89	11.13	-65.76	-47	-18.76	PASS
2481.47	H	-73.68	8.20	-65.48	-47	-18.48	PASS
3083.01	H	-70.99	11.93	-59.06	-47	-12.06	PASS
5910.00	H	-66.05	14.12	-51.93	-47	-4.93	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH H 20M QPSK 30M-1G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
57.65	H	-81.39	8.07	-73.32	-57	-16.32	PASS
173.45	H	-70.57	7.62	-62.95	-57	-5.95	PASS
452.80	H	-77.18	5.62	-71.56	-57	-14.56	PASS
867.66	H	-87.76	8.80	-78.96	-57	-21.96	PASS
60.93	V	-88.05	2.77	-85.28	-57	-28.28	PASS
142.15	V	-84.40	7.04	-77.36	-57	-20.36	PASS
423.04	V	-80.33	5.42	-74.91	-57	-17.91	PASS
727.33	V	-88.60	4.44	-84.16	-57	-27.16	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 1 CH H 20M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1037.50	V	-69.97	8.92	-61.05	-47	-14.05	PASS
2837.04	V	-67.67	14.79	-52.88	-47	-5.88	PASS
3806.40	V	-71.07	11.97	-59.10	-47	-12.10	PASS
9763.10	V	-64.47	14.58	-49.89	-47	-2.89	PASS
1225.72	H	-71.54	11.13	-60.41	-47	-13.41	PASS
2963.29	H	-68.77	8.20	-60.57	-47	-13.57	PASS
3095.02	H	-76.58	11.93	-64.65	-47	-17.65	PASS
6207.44	H	-78.85	14.12	-64.73	-47	-17.73	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Note: The test band 1 for 5M and 20M have tested, the worst case is 20M, and the data have record.

Band 3 CH L 20M QPSK 30M-1G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
90.45	H	-86.45	8.07	-78.38	-57	-21.38	PASS
173.55	H	-75.58	7.62	-67.96	-57	-10.96	PASS
512.76	H	-73.23	5.62	-67.61	-57	-10.61	PASS
734.16	H	-86.47	8.80	-77.67	-57	-20.67	PASS
55.47	V	-85.64	2.77	-82.87	-57	-25.87	PASS
109.01	V	-87.09	7.04	-80.05	-57	-23.05	PASS
236.83	V	-71.33	5.42	-65.91	-57	-8.91	PASS
609.63	V	-79.65	4.44	-75.21	-57	-18.21	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH L 20M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1581.07	V	-66.86	8.92	-57.94	-47	-10.94	PASS
2535.75	V	-71.99	14.79	-57.20	-47	-10.20	PASS
3691.75	V	-69.70	11.97	-57.73	-47	-10.73	PASS
6437.76	V	-76.42	14.58	-61.84	-47	-14.84	PASS
1040.37	H	-76.74	11.13	-65.61	-47	-18.61	PASS
2827.20	H	-80.00	8.20	-71.80	-47	-24.80	PASS
3796.21	H	-74.68	11.93	-62.75	-47	-15.75	PASS
4193.85	H	-70.57	14.12	-56.45	-47	-9.45	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH M 20M QPSK 30M-1G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
44.29	H	-87.64	8.07	-79.57	-57	-22.57	PASS
124.94	H	-80.82	7.62	-73.20	-57	-16.20	PASS
489.50	H	-78.90	5.62	-73.28	-57	-16.28	PASS
718.55	H	-77.09	8.80	-68.29	-57	-11.29	PASS
44.33	V	-76.24	2.77	-73.47	-57	-16.47	PASS
114.20	V	-85.55	7.04	-78.51	-57	-21.51	PASS
388.82	V	-74.27	5.42	-68.85	-57	-11.85	PASS
746.20	V	-75.82	4.44	-71.38	-57	-14.38	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH M 20M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1443.02	V	-74.52	8.92	-65.60	-47	-18.60	PASS
2539.74	V	-77.89	14.79	-63.10	-47	-16.10	PASS
3700.80	V	-66.50	11.97	-54.53	-47	-7.53	PASS
7820.98	V	-71.22	14.58	-56.64	-47	-9.64	PASS
1913.06	H	-78.51	11.13	-67.38	-47	-20.38	PASS
2294.73	H	-75.60	8.20	-67.40	-47	-20.40	PASS
3438.14	H	-64.67	11.93	-52.74	-47	-5.74	PASS
7265.87	H	-68.04	14.12	-53.92	-47	-6.92	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH H 20M QPSK 30M-1G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
63.33	H	-74.80	8.07	-66.73	-57	-9.73	PASS
189.42	H	-73.34	7.62	-65.72	-57	-8.72	PASS
448.74	H	-80.69	5.62	-75.07	-57	-18.07	PASS
764.58	H	-78.83	8.80	-70.03	-57	-13.03	PASS
35.03	V	-73.90	2.77	-71.13	-57	-14.13	PASS
180.04	V	-71.85	7.04	-64.81	-57	-7.81	PASS
592.47	V	-77.65	5.42	-72.23	-57	-15.23	PASS
696.85	V	-81.31	4.44	-76.87	-57	-19.87	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 3 CH H 20M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1208.56	V	-75.00	8.92	-66.08	-47	-19.08	PASS
2719.20	V	-70.21	14.79	-55.42	-47	-8.42	PASS
3530.10	V	-77.00	11.97	-65.03	-47	-18.03	PASS
4280.14	V	-68.67	14.58	-54.09	-47	-7.09	PASS
1224.51	H	-71.97	11.13	-60.84	-47	-13.84	PASS
2703.82	H	-75.10	8.20	-66.90	-47	-19.90	PASS
3738.94	H	-74.72	11.93	-62.79	-47	-15.79	PASS
5056.58	H	-77.20	14.12	-63.08	-47	-16.08	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Note: The test band 3 for 1.4M, 5M and 20M have tested, the worst case is 20M, and the data have record.

Band 7 CH L 20M QPSK 30M-1G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
85.10	H	-78.61	8.07	-70.54	-57	-13.54	PASS
187.48	H	-73.86	7.62	-66.24	-57	-9.24	PASS
304.64	H	-79.89	5.62	-74.27	-57	-17.27	PASS
633.18	H	-73.30	8.80	-64.50	-57	-7.50	PASS
82.49	V	-76.90	2.77	-74.13	-57	-17.13	PASS
176.19	V	-79.83	7.04	-72.79	-57	-15.79	PASS
512.88	V	-74.74	5.42	-69.32	-57	-12.32	PASS
821.31	V	-75.09	4.44	-70.65	-57	-13.65	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH L 20M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1181.92	V	-69.06	8.92	-60.14	-47	-13.14	PASS
2938.80	V	-64.81	14.79	-50.02	-47	-3.02	PASS
3728.49	V	-69.33	11.97	-57.36	-47	-10.36	PASS
7854.37	V	-64.88	14.58	-50.30	-47	-3.30	PASS
1114.55	H	-67.03	11.13	-55.90	-47	-8.90	PASS
2890.77	H	-68.20	8.20	-60.00	-47	-13.00	PASS
3618.56	H	-68.24	11.93	-56.31	-47	-9.31	PASS
9045.36	H	-66.53	14.12	-52.41	-47	-5.41	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH M 20M QPSK 30M-1G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
69.46	H	-76.40	8.07	-68.33	-57	-11.33	PASS
139.43	H	-71.21	7.62	-63.59	-57	-6.59	PASS
215.82	H	-71.28	5.62	-65.66	-57	-8.66	PASS
895.63	H	-75.02	8.80	-66.22	-57	-9.22	PASS
54.89	V	-79.29	2.77	-76.52	-57	-19.52	PASS
197.44	V	-69.55	7.04	-62.51	-57	-5.51	PASS
364.93	V	-69.70	5.42	-64.28	-57	-7.28	PASS
754.32	V	-72.47	4.44	-68.03	-57	-11.03	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH M 20M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1766.99	V	-66.79	8.92	-57.87	-47	-10.87	PASS
2915.97	V	-64.03	14.79	-49.24	-47	-2.24	PASS
3852.88	V	-68.33	11.97	-56.36	-47	-9.36	PASS
9957.23	V	-68.67	14.58	-54.09	-47	-7.09	PASS
1946.88	H	-69.07	11.13	-57.94	-47	-10.94	PASS
2418.88	H	-67.04	8.20	-58.84	-47	-11.84	PASS
3518.18	H	-68.22	11.93	-56.29	-47	-9.29	PASS
5732.22	H	-66.53	14.12	-52.41	-47	-5.41	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH H 20M QPSK 30M-1G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
60.41	H	-73.63	8.07	-65.56	-57	-8.56	PASS
133.18	H	-70.23	7.62	-62.61	-57	-5.61	PASS
469.65	H	-72.78	5.62	-67.16	-57	-10.16	PASS
828.62	H	-71.06	8.80	-62.26	-57	-5.26	PASS
84.22	V	-69.17	2.77	-66.40	-57	-9.40	PASS
162.96	V	-72.92	7.04	-65.88	-57	-8.88	PASS
544.35	V	-78.77	5.42	-73.35	-57	-16.35	PASS
630.12	V	-71.89	4.44	-67.45	-57	-10.45	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 7 CH H 20M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1761.66	V	-69.16	8.92	-60.24	-47	-13.24	PASS
2876.12	V	-64.24	14.79	-49.45	-47	-2.45	PASS
3563.18	V	-68.52	11.97	-56.55	-47	-9.55	PASS
8475.80	V	-66.08	14.58	-51.50	-47	-4.50	PASS
1835.71	H	-64.69	11.13	-53.56	-47	-6.56	PASS
2531.36	H	-66.45	8.20	-58.25	-47	-11.25	PASS
3409.42	H	-65.86	11.93	-53.93	-47	-6.93	PASS
5428.82	H	-69.79	14.12	-55.67	-47	-8.67	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Note: The test band 7 for 5M and 20M have tested, the worst case is 20M, and the data have record.

Band 8 CH L 10M QPSK 30M-1G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
42.93	H	-87.76	8.07	-79.69	-57	-22.69	PASS
165.84	H	-84.00	7.62	-76.38	-57	-19.38	PASS
346.29	H	-75.80	5.62	-70.18	-57	-13.18	PASS
716.03	H	-78.01	8.80	-69.21	-57	-12.21	PASS
34.89	V	-80.76	2.77	-77.99	-57	-20.99	PASS
184.11	V	-75.58	7.04	-68.54	-57	-11.54	PASS
420.59	V	-80.81	5.42	-75.39	-57	-18.39	PASS
636.58	V	-79.91	4.44	-75.47	-57	-18.47	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH L 10M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1936.31	V	-71.21	8.92	-62.29	-47	-15.29	PASS
2126.56	V	-67.45	14.79	-52.66	-47	-5.66	PASS
3387.67	V	-73.31	11.97	-61.34	-47	-14.34	PASS
7836.59	V	-77.07	14.58	-62.49	-47	-15.49	PASS
1722.72	H	-68.44	11.13	-57.31	-47	-10.31	PASS
2279.53	H	-68.96	8.20	-60.76	-47	-13.76	PASS
3787.34	H	-68.13	11.93	-56.20	-47	-9.20	PASS
7146.79	H	-79.24	14.12	-65.12	-47	-18.12	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH M 10M QPSK 30M-1G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
43.29	H	-82.37	8.07	-74.30	-57	-17.30	PASS
150.04	H	-87.96	7.62	-80.34	-57	-23.34	PASS
270.80	H	-86.51	5.62	-80.89	-57	-23.89	PASS
788.79	H	-78.05	8.80	-69.25	-57	-12.25	PASS
45.51	V	-85.77	2.77	-83.00	-57	-26.00	PASS
166.85	V	-86.96	7.04	-79.92	-57	-22.92	PASS
425.51	V	-76.05	5.42	-70.63	-57	-13.63	PASS
658.39	V	-85.36	4.44	-80.92	-57	-23.92	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH M 10M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1620.47	V	-67.75	8.92	-58.83	-47	-11.83	PASS
2976.58	V	-65.01	14.79	-50.22	-47	-3.22	PASS
3047.13	V	-69.98	11.97	-58.01	-47	-11.01	PASS
6090.52	V	-69.51	14.58	-54.93	-47	-7.93	PASS
1350.54	H	-71.96	11.13	-60.83	-47	-13.83	PASS
2496.16	H	-67.51	8.20	-59.31	-47	-12.31	PASS
3950.54	H	-65.68	11.93	-53.75	-47	-6.75	PASS
7271.05	H	-72.07	14.12	-57.95	-47	-10.95	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH H 10M QPSK 30M-1G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
74.66	H	-71.16	8.07	-63.09	-57	-6.09	PASS
191.62	H	-89.81	7.62	-82.19	-57	-25.19	PASS
464.48	H	-69.14	5.62	-63.52	-57	-6.52	PASS
782.82	H	-75.57	8.80	-66.77	-57	-9.77	PASS
56.71	V	-73.00	2.77	-70.23	-57	-13.23	PASS
95.30	V	-77.35	7.04	-70.31	-57	-13.31	PASS
476.94	V	-79.13	5.42	-73.71	-57	-16.71	PASS
842.23	V	-80.64	4.44	-76.20	-57	-19.20	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 8 CH H 10M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1039.54	V	-67.33	8.92	-58.41	-47	-11.41	PASS
2210.81	V	-69.62	14.79	-54.83	-47	-7.83	PASS
3287.62	V	-69.57	11.97	-57.60	-47	-10.60	PASS
5016.20	V	-71.42	14.58	-56.84	-47	-9.84	PASS
1600.13	H	-78.65	11.13	-67.52	-47	-20.52	PASS
2283.46	H	-69.30	8.20	-61.10	-47	-14.10	PASS
3619.69	H	-71.60	11.93	-59.67	-47	-12.67	PASS
9549.99	H	-79.57	14.12	-65.45	-47	-18.45	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Note: The test band 8 for 1.4M, 5M and 10M have tested, the worst case is 10M, and the data have record.

Band 20 CH L 20M QPSK 30M-1G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
75.24	H	-89.12	8.07	-81.05	-57	-24.05	PASS
197.13	H	-78.33	7.62	-70.71	-57	-13.71	PASS
485.70	H	-78.90	5.62	-73.28	-57	-16.28	PASS
842.49	H	-86.30	8.80	-77.50	-57	-20.50	PASS
55.62	V	-73.31	2.77	-70.54	-57	-13.54	PASS
136.65	V	-82.03	7.04	-74.99	-57	-17.99	PASS
301.82	V	-78.98	5.42	-73.56	-57	-16.56	PASS
880.59	V	-77.93	4.44	-73.49	-57	-16.49	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20 CH L 20M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1478.60	V	-73.11	8.92	-64.19	-47	-17.19	PASS
2476.58	V	-79.74	14.79	-64.95	-47	-17.95	PASS
3810.79	V	-73.64	11.97	-61.67	-47	-14.67	PASS
11177.92	V	-68.03	14.58	-53.45	-47	-6.45	PASS
1547.50	H	-66.51	11.13	-55.38	-47	-8.38	PASS
2951.45	H	-67.90	8.20	-59.70	-47	-12.70	PASS
3137.29	H	-72.01	11.93	-60.08	-47	-13.08	PASS
9317.72	H	-66.58	14.12	-52.46	-47	-5.46	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20 CH M 20M QPSK 30M-1G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
61.31	H	-77.24	8.07	-69.17	-57	-12.17	PASS
144.17	H	-82.84	7.62	-75.22	-57	-18.22	PASS
350.74	H	-75.73	5.62	-70.11	-57	-13.11	PASS
668.74	H	-81.85	8.80	-73.05	-57	-16.05	PASS
89.50	V	-83.52	2.77	-80.75	-57	-23.75	PASS
149.32	V	-76.85	7.04	-69.81	-57	-12.81	PASS
380.49	V	-77.10	5.42	-71.68	-57	-14.68	PASS
735.37	V	-76.95	4.44	-72.51	-57	-15.51	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20 CH M 20M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1736.77	V	-72.45	8.92	-63.53	-47	-16.53	PASS
2999.23	V	-70.06	14.79	-55.27	-47	-8.27	PASS
3192.28	V	-79.01	11.97	-67.04	-47	-20.04	PASS
7479.58	V	-79.80	14.58	-65.22	-47	-18.22	PASS
1294.57	H	-67.28	11.13	-56.15	-47	-9.15	PASS
2396.68	H	-65.83	8.20	-57.63	-47	-10.63	PASS
3835.69	H	-71.51	11.93	-59.58	-47	-12.58	PASS
5051.22	H	-71.59	14.12	-57.47	-47	-10.47	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20 CH H 20M QPSK 30M-1G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
57.41	H	-72.01	8.07	-63.94	-57	-6.94	PASS
120.08	H	-84.68	7.62	-77.06	-57	-20.06	PASS
496.15	H	-74.05	5.62	-68.43	-57	-11.43	PASS
626.17	H	-71.53	8.80	-62.73	-57	-5.73	PASS
41.78	V	-80.34	2.77	-77.57	-57	-20.57	PASS
130.65	V	-80.16	7.04	-73.12	-57	-16.12	PASS
500.29	V	-77.26	5.42	-71.84	-57	-14.84	PASS
694.50	V	-86.84	4.44	-82.40	-57	-25.40	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Band 20 CH H 20M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1473.74	V	-65.07	8.92	-56.15	-47	-9.15	PASS
2013.33	V	-76.15	14.79	-61.36	-47	-14.36	PASS
3966.72	V	-78.42	11.97	-66.45	-47	-19.45	PASS
10231.15	V	-69.05	14.58	-54.47	-47	-7.47	PASS
1175.51	H	-65.10	11.13	-53.97	-47	-6.97	PASS
2348.97	H	-66.81	8.20	-58.61	-47	-11.61	PASS
3895.18	H	-70.48	11.93	-58.55	-47	-11.55	PASS
9138.25	H	-75.11	14.12	-60.99	-47	-13.99	PASS

Remark:

1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit

Note: The test band 20 for 5M and 20M have tested, the worst case is 20M, and the data have record.

D.2. CONTROL AND MONITORING FUNCTIONS (UE)

Definition & Limits

This requirement, together with other control and monitoring technical requirements identified in the table of cross references in the applicable part, verifies that the control and monitoring functions of the UE prevent it from transmitting in the absence of a valid network.

This test is applicable to radio communications equipment and ancillary equipment in the operating band defined in the applicable part of this multi-part harmonised standard.

This test shall be performed on the radio communications equipment and/or a representative configuration of the ancillary equipment.

Limits:

The maximum measured power during the duration of the test shall not exceed -30 dBm.

Test method

- a) At the start of the test, the UE shall be switched off. The UE antenna connector shall be connected to a power measuring equipment, with the following characteristics:
 - the RF bandwidth shall exceed the total operating transmit frequency range of the UE for operation with an applicable part;
 - the response time of the power measuring equipment shall be such that the measured power has reached within 1 dB of its steady state value within 100 μs of a CW signal being applied;
 - it shall record the maximum power measured.

NOTE: The equipment may include a video low pass filter to minimize its response to transients or Gaussian noise peaks.

- b) The UE shall be switched on for a period of approximately fifteen minutes, and then switched off.
- c) The EUT shall remain switched off for a period of at least thirty seconds, and shall then be switched on for a period of approximately one minute.
- d) The maximum power emitted from the UE throughout the duration of the test shall be recorded. The results obtained shall be compared to the limits in clause 4.2.4.2 in order to prove compliance.

Test Data

Test Condition	Monitoring band	Max Measured Power(dBm)	Limit(dBm)	Result
Normal	The whole band range	-47.8	-30	Pass

D.3. OUT-OF-SYNCHRONIZATION HANDLING OF OUTPUT POWER

Definition

The UE shall monitor the DPCCH quality in order to detect a loss of the signal on Layer 1. The threshold Q_{out} specifies at what DPCCH quality levels the UE shall shut its power off. The threshold is not defined explicitly, but is defined by the conditions under which the UE shall shut its transmitter off, as stated in this clause.

The DPCCH quality shall be monitored in the UE and compared to the threshold Q_{out} for the purpose of monitoring synchronization. The threshold Q_{out} should correspond to a level of DPCCH quality where no reliable detection of the TPC commands transmitted on the downlink DPCCH can be made. This can be at a TPC command error ratio level of e.g. 20 %.

Limits

When the UE estimates the DPCCH quality over the last 160 ms period to be worse than a threshold Q_{out} , the UE shall shut its transmitter off within 40 ms.

The quality level at the thresholds Q_{out} correspond to different signal levels depending on the downlink conditions DCH parameters. For the conditions in table 4.2.11.2-1, a signal with the quality at the level Q_{out} can be generated by a $DPCCH_{Ec}/I_{or}$ ratio of -25 dB. The DL reference measurement channel 12,2 kbit/s is specified in ETSI TS 134 121-1 [1], clause C.3.1 and with static propagation conditions. The downlink physical channels, other than those specified in table 4.2.11.2-1, are as specified in table E.3.3 of annex E in ETSI TS 134 121-1 [1].

Parameter	Value	Unit
\hat{I}_{or}/I_{oc}	-1	dB
I_{oc}	-60	dBm/3,84 MHz
$\frac{DPDCH_{Ec}}{I_{or}}$	See figure 4.2.11.2-1: Before point A: <ul style="list-style-type: none"> -16,6 for UEs not supporting enhanced receiver performance type 1 for DCH -19,6 for UEs supporting enhanced receiver performance type 1 for DCH After point A not defined	dB
$\frac{DPCCH_{Ec}}{I_{or}}$	See figure 4.2.11.2-1	dB
Information Data Rate	12,2	kbit/s

Figure 4.2.11.2-1 and table 4.2.11.2-2 show an example scenario where the $DPCCH_{Ec}/I_{or}$ ratio varies from a level where the DPCH is demodulated under normal conditions, down to a level below Q_{out} where the UE shall shut its power off.

Test Procedure

Initial conditions

Test environment: normal (see annex B).

The frequencies to be tested are mid range as defined in ETSI TS 134 108 [2], clause 5.1:

- 1) Connect the SS to the UE antenna connector.
- 2) A call is set up according to the Generic call setup procedure, with the following exception according to table 5.3.10.1.1-1 for information elements in System Information Block type 1 found in ETSI TS 134 108 [2].

Table 5.3.10.1.1-1: System Information Block type 1 message

Information Element	Value
UE Timers and constants in connected mode	
- T313	15 s
- N313	200

- 3) RF parameters are set up according to table 4.2.11.2-1 with DPCCH_Ec/Ior ratio level according To table 4.2.11.2-2, 'before A'.
- 4) Enter the UE into loopback test mode and start the loopback test using the procedure defined in ETSI TS 134 109 [3], clause 5.3.

Test Data

Environmental Conditions

Temperature	18~22° C
Relative Humidity	45~66%
ATM Pressure	101.1~101.7kPa

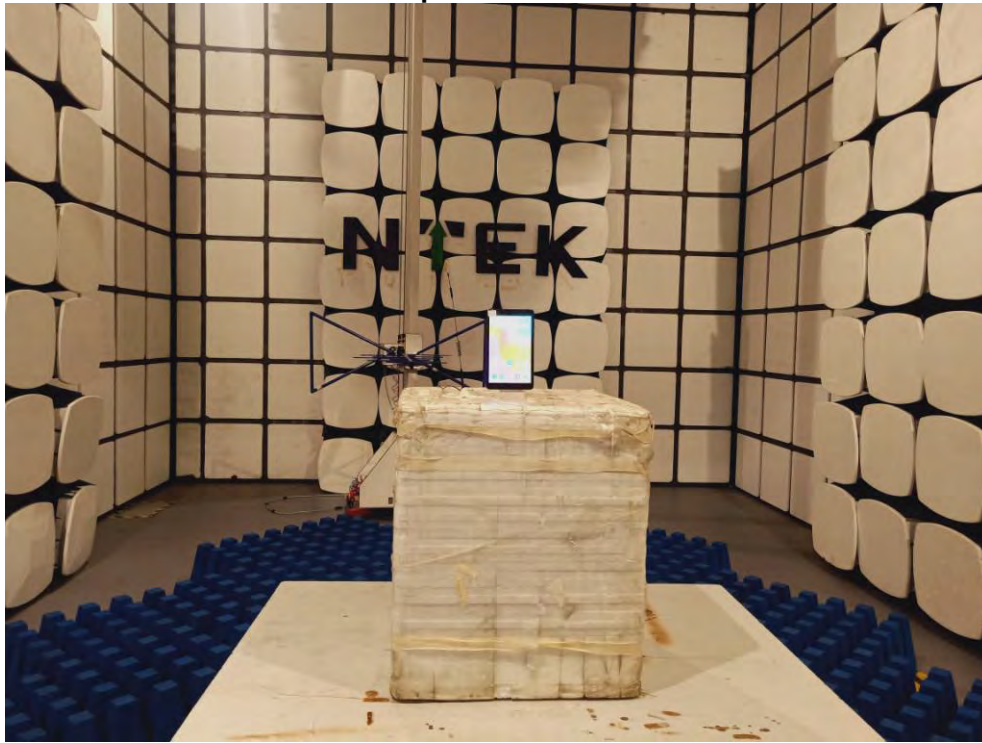
Test Result: Pass.

CONDUCTED TEST DATA

Refer to APPENDIX A& APPENDIX B& APPENDIX C for LTE Test data

PHOTOGRAPHS OF THE TEST SETUP

Radiated Spurious Emission Test



END OF REPORT