



# **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 13

**Family Model :** N/A

**Report No. :** STR220421001008E

### **Prepared for**

DOKE COMMUNICATION (HK) LIMITED  
RM 1902 EASEY COMM BLDG 253-261 HENNESSY ROAD WANCHAI HK,  
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 HK, 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 13
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 : Apr 21, 2022 ~ May 11, 2022

Date of Issue : May 11, 2022

Test Result : Pass

Testing Engineer : Mukzi Lee (Mukzi Lee)

Authorized Signatory : Alex Li (Alex Li)





## 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	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	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	$\pm 0.5^\circ\text{C}$
7	Humidity	$\pm 2\%$

## 2.GENERAL INFORMATION

### 2.1 GENERAL DESCRIPTION OF EUT

Equipment	4G Tablet
Trade Mark	Blackview
Model Name	Tab 13
Family Model:	N/A
Model Difference:	N/A
Frequency Bands:	E-UTRA FDD I, III, VII, VIII, XX, E-UTRA TDD XL
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 TDD Band XL: Uplink & Downlink: 2300 MHz to 2400 MHz
Power Class:	E-UTRA :3
Modulation Mode:	QPSK, 16QAM
Adapter	Adapter 1 Model: QZ-01800EA00 Input: 100-240V~50/60Hz 0.5A Output: 5V---3.0A or 7.0V---2.0A or 9.0V---2.0A or 12.0V---1.5A(18.0W Max) Adapter 2 Model: QZ-01000EA00 Input: 100-240V~50/60Hz 0.15A Output: 5.0V---2.0A (10.0W)
Battery	Battery 1 Model: Li307688PHTT DC 3.87V, 7680mAh, 29.722Wh Battery 2 Model: LiU307689PHVUTL DC 3.85V, 7280mAh, 28.028Wh
Rating	DC 3.87V from battery or DC 5V from Adapter.
Antenna:	PIFA Antenna
Antenna Gain:	0.6dBi
Hardware Version	TP737_MAIN_PCB_V1.1
Software Version	Tab_13_EEA_TP737_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	2022.04.01	2023.03.31	1 year
2	Test Receiver	R&S	ESPI7	101318	2022.04.06	2023.04.05	1 year
3	Bilog Antenna	TESEQ	CBL6111D	31216	2022.03.30	2023.03.29	1 year
4	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2020.05.11	2023.05.10	3 year
5	Spectrum Analyzer	Agilent	N9020A	MY46471732	2022.04.01	2023.03.31	1 year
6	Horn Antenna	EM	EM-AH-20180	2011071402	2022.03.31	2023.03.30	1 year
7	Horn Ant	Schwarzbeck	BBHA 9170	9170-181	2021.11.07	2022.11.06	1 year
8	Amplifier	EMC	EMC051835S E	980246	2021.07.01	2022.06.30	1 year
9	Loop Antenna	ARA	PLA-2030/B	1029	2022.03.31	2023.03.30	1 year
10	Temperature & Humidity Chamber	GIANT FORCE	GTH-056P	GF-94454-1	2021.07.01	2022.06.30	1 year
11	LTE Wireless Communications Test Set	R&S	CMW500	1100.008.02	2022.03.30	2023.03.29	1 year
12	Power Splitter	Mini-Circuits	ZN2PD-63-S+	SF025101428	2020.04..07	2023.04.06	3 year
13	Wireless Communication Test	Anritsu	MT8821C	6262192315	2021.11.07	2022.11.06	1 year
14	Power Meter	DARE	RPR3006W	15I00041SNO8 4	2021.07.01	2022.06.30	1 year
15	ESG VETCTOR SIGNAL GENERAROR	Agilent	E4438C	MY45093347	2022.04.01	2023.03.31	1 year
16	Spectrum Analyzer	R&S	FSV40	101417	2022.04.01	2023.03.31	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 3.87V
Extreme Temperature:	Low Temperature (LT) = -10°C High Temperature (HT) = 35°C
Extreme Voltage of the EUT (Declared by manufacturer):	Normal Voltage (NV) = DC 3.87V 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
TDD Band XL Mode	5MHz	QPSK/ 16QAM	Ch 38675
			Ch 39150
			Ch 39625
	10MHz	QPSK/ 16QAM	Ch 38700
			Ch 39150
			Ch 39600
	20MHz	QPSK/ 16QAM	Ch 38750
			Ch 39150
			Ch 39550

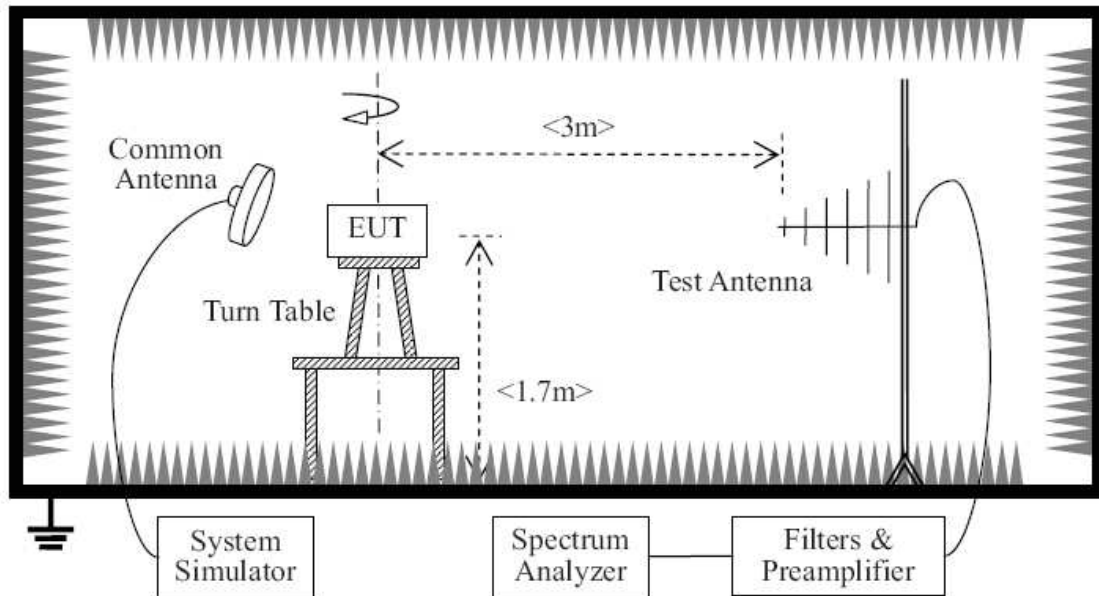
Table 2

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

## 2.5 TEST SETUP

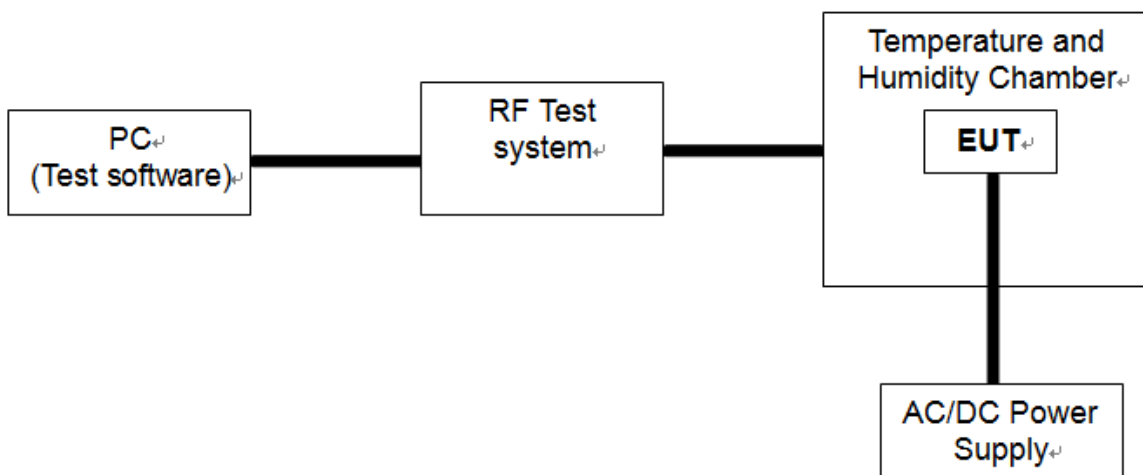
### 1. Radiated Spurious Emission Test Setup



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 FDD Band III FDD Band VII FDD Band VIII FDD Band XX TDD Band XL	A01	PASS	Ref. ETSI EN 301 908-1 Annex D)

**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 TDD Band XL	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 TDD Band XL	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 TDD Band XL	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 TDD Band XL	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 TDD Band XL	A01	PASS	Appendix A - LTE - Normal



Testcase in ETSI EN 301908-13	Testcase in 3GPP TS 36.521	Description	Condition	Test Band			Test Data
					Sample	Result	
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 TDD Band XL	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 TDD Band XL	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 TDD Band XL	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 TDD Band XL	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 TDD Band XL	A01	N/A	N/A <sup>(Note 1)</sup>
4.2.9	7.8	Receiver Intermodulation Characteristics	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX TDD Band XL	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 TDD Band XL	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 TDD Band XL	A01	PASS	Appendix A - LTE - Normal

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
35.521	-59.62	6.84	-52.78	-36	-16.78	
59.094	-55.91	1.84	-54.07	-36	-18.07	PASS
180.347	-56.46	1.89	-54.57	-36	-18.57	PASS
616.881	-58.20	4.48	-53.72	-36	-17.72	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
1565.194	-59.72	14.52	-45.20	-30	-15.20	
3070.331	-59.21	10.50	-48.71	-30	-18.71	PASS
4542.377	-56.90	13.71	-43.19	-30	-13.19	PASS
9552.852	-61.57	13.35	-48.22	-30	-18.22	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)	
39.225	-55.98	9.82	-46.16	-36	-10.16	PASS
88.964	-53.91	7.16	-46.75	-36	-10.75	PASS
117.991	-58.35	8.26	-50.09	-36	-14.09	PASS
552.873	-55.21	8.83	-46.38	-36	-10.38	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)	
1494.979	-55.82	17.02	-38.80	-30	-8.80	PASS
4167.688	-53.32	12.54	-40.78	-30	-10.78	PASS
4036.893	-57.43	15.79	-41.64	-30	-11.64	PASS
8353.931	-57.52	15.68	-41.84	-30	-11.84	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
45.708	-50.50	8.97	-41.53	-36	-5.53	PASS
55.088	-57.31	3.93	-53.38	-36	-17.38	PASS
262.509	-57.79	5.24	-52.55	-36	-16.55	PASS
541.958	-58.31	6.42	-51.89	-36	-15.89	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1580.608	-55.58	14.92	-40.66	-30	-10.66	PASS
2289.116	-54.45	14.37	-40.08	-30	-10.08	PASS
5271.022	-55.72	15.58	-40.14	-30	-10.14	PASS
9474.819	-56.68	14.12	-42.56	-30	-12.56	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
35.922	-51.80	8.44	-43.36	-36	-7.36	PASS
51.127	-55.64	5.93	-49.71	-36	-13.71	PASS
125.001	-52.52	8.69	-43.83	-36	-7.83	PASS
674.557	-54.08	5.69	-48.39	-36	-12.39	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1264.366	-55.21	11.84	-43.37	-30	-13.37	PASS
4087.055	-62.70	14.03	-48.67	-30	-18.67	PASS
4276.269	-60.86	11.27	-49.59	-30	-19.59	PASS
9655.206	-58.36	10.17	-48.19	-30	-18.19	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)	
47.197	-58.01	7.93	-50.08	-36	-14.08	PASS
88.242	-54.96	1.31	-53.65	-36	-17.65	PASS
226.437	-53.43	8.69	-44.74	-36	-8.74	PASS
696.504	-59.08	4.40	-54.68	-36	-18.68	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)	
1608.961	-59.91	18.72	-41.19	-30	-11.19	PASS
2658.204	-59.57	16.15	-43.42	-30	-13.42	PASS
4635.503	-56.49	17.42	-39.07	-30	-9.07	PASS
8573.209	-62.11	11.35	-50.76	-30	-20.76	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)	
37.233	-55.71	6.59	-49.12	-36	-13.12	PASS
81.309	-56.55	4.29	-52.26	-36	-16.26	PASS
132.662	-56.93	5.72	-51.21	-36	-15.21	PASS
555.903	-56.53	8.44	-48.09	-36	-12.09	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)	
1442.607	-56.22	15.37	-40.85	-30	-10.85	PASS
2512.849	-62.09	17.88	-44.21	-30	-14.21	PASS
4144.681	-60.85	11.33	-49.52	-30	-19.52	PASS
7174.743	-60.64	16.85	-43.79	-30	-13.79	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)	
41.881	-53.76	9.62	-44.14	-36	-8.14	PASS
80.018	-51.54	8.13	-43.41	-36	-7.41	PASS
204.001	-51.42	5.71	-45.71	-36	-9.71	PASS
535.308	-59.12	9.06	-50.06	-36	-14.06	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)	
1253.707	-54.56	16.49	-38.07	-30	-8.07	PASS
3373.493	-57.09	17.45	-39.64	-30	-9.64	PASS
4763.821	-57.37	15.07	-42.30	-30	-12.30	PASS
8573.186	-57.47	10.34	-47.13	-30	-17.13	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
36.264	-55.33	5.39	-49.94	-36	-13.94	PASS
62.924	-52.78	3.31	-49.47	-36	-13.47	PASS
375.950	-57.59	2.07	-55.52	-36	-19.52	PASS
523.249	-53.73	2.74	-50.99	-36	-14.99	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1276.328	-57.50	14.14	-43.36	-30	-13.36	PASS
3134.863	-54.13	18.86	-35.27	-30	-5.27	PASS
5083.902	-56.72	14.94	-41.78	-30	-11.78	PASS
7120.491	-62.09	17.06	-45.03	-30	-15.03	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
45.246	-50.79	3.92	-46.87	-36	-10.87	PASS
92.720	-51.55	1.77	-49.78	-36	-13.78	PASS
330.954	-54.35	4.88	-49.47	-36	-13.47	PASS
661.442	-58.90	1.86	-57.04	-36	-21.04	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1335.032	-56.54	12.46	-44.08	-30	-14.08	PASS
2968.512	-58.74	16.07	-42.67	-30	-12.67	PASS
4653.094	-62.88	16.74	-46.14	-30	-16.14	PASS
7929.046	-56.46	10.85	-45.61	-30	-15.61	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)	
39.399	-51.21	9.07	-42.14	-36	-6.14	PASS
64.386	-58.96	1.24	-57.72	-36	-21.72	PASS
123.369	-59.64	4.89	-54.75	-36	-18.75	PASS
696.958	-51.57	3.41	-48.16	-36	-12.16	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)	
1462.218	-62.27	13.04	-49.23	-30	-19.23	PASS
2689.411	-56.25	11.70	-44.55	-30	-14.55	PASS
4980.602	-56.28	11.94	-44.34	-30	-14.34	PASS
6858.740	-62.95	16.88	-46.07	-30	-16.07	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)	
46.673	-57.19	9.13	-48.06	-36	-12.06	PASS
54.373	-59.59	2.99	-56.60	-36	-20.60	PASS
357.133	-55.87	4.69	-51.18	-36	-15.18	PASS
670.551	-59.71	7.56	-52.15	-36	-16.15	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)	
1183.584	-60.17	16.33	-43.84	-30	-13.84	PASS
3299.672	-60.37	13.94	-46.43	-30	-16.43	PASS
5035.166	-55.30	13.05	-42.25	-30	-12.25	PASS
7128.568	-61.72	17.49	-44.23	-30	-14.23	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)	
40.560	-53.52	8.35	-45.17	-36	-9.17	PASS
63.816	-50.03	4.89	-45.14	-36	-9.14	PASS
214.099	-52.01	5.98	-46.03	-36	-10.03	PASS
666.551	-53.32	9.08	-44.24	-36	-8.24	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)	
1554.123	-62.81	16.83	-45.98	-30	-15.98	PASS
4030.688	-60.81	11.85	-48.96	-30	-18.96	PASS
4458.069	-58.57	17.86	-40.71	-30	-10.71	PASS
9704.523	-53.08	13.51	-39.57	-30	-9.57	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
41.438	-51.93	4.00	-47.93	-36	-11.93	PASS
67.941	-51.25	7.41	-43.84	-36	-7.84	PASS
370.224	-53.51	9.38	-44.13	-36	-8.13	PASS
504.926	-53.91	8.38	-45.53	-36	-9.53	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
1287.026	-60.74	12.77	-47.97	-30	-17.97	PASS
2470.489	-59.19	15.83	-43.36	-30	-13.36	PASS
5279.042	-62.79	15.76	-47.03	-30	-17.03	PASS
6675.144	-59.49	12.30	-47.19	-30	-17.19	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
41.499	-59.44	2.26	-57.18	-36	-21.18	PASS
63.074	-59.86	3.10	-56.76	-36	-20.76	PASS
167.533	-59.52	5.06	-54.46	-36	-18.46	PASS
622.183	-59.98	2.52	-57.46	-36	-21.46	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
1156.435	-59.37	10.58	-48.79	-30	-18.79	PASS
2300.018	-56.95	16.94	-40.01	-30	-10.01	PASS
5677.542	-59.47	15.45	-44.02	-30	-14.02	PASS
6690.238	-59.49	18.21	-41.28	-30	-11.28	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
40.391	-57.67	1.27	-56.40	-36	-20.40	PASS
60.816	-54.79	8.87	-45.92	-36	-9.92	PASS
324.009	-54.86	4.54	-50.32	-36	-14.32	PASS
608.000	-53.22	5.69	-47.53	-36	-11.53	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1590.280	-61.53	12.31	-49.22	-30	-19.22	PASS
4175.601	-54.61	11.17	-43.44	-30	-13.44	PASS
4981.484	-59.01	16.64	-42.37	-30	-12.37	PASS
9091.598	-62.21	13.73	-48.48	-30	-18.48	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
41.653	-58.63	3.55	-55.08	-36	-19.08	PASS
97.028	-55.86	9.06	-46.80	-36	-10.80	PASS
381.227	-59.26	3.06	-56.20	-36	-20.20	PASS
521.222	-59.97	7.61	-52.36	-36	-16.36	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1595.818	-62.83	17.09	-45.74	-30	-15.74	PASS
3510.288	-56.65	14.44	-42.21	-30	-12.21	PASS
5692.561	-62.73	17.78	-44.95	-30	-14.95	PASS
9714.098	-55.00	16.51	-38.49	-30	-8.49	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)	
40.034	-50.96	4.65	-46.31	-36	-10.31	PASS
55.171	-50.14	9.81	-40.33	-36	-4.33	PASS
286.094	-56.04	6.36	-49.68	-36	-13.68	PASS
548.492	-58.94	3.84	-55.10	-36	-19.10	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)	
1478.124	-54.02	17.38	-36.64	-30	-6.64	PASS
2532.214	-54.24	13.27	-40.97	-30	-10.97	PASS
5629.560	-54.05	12.68	-41.37	-30	-11.37	PASS
9590.501	-56.82	16.74	-40.08	-30	-10.08	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
36.637	-53.85	8.19	-45.66	-36	-9.66	PASS
53.377	-51.47	3.28	-48.19	-36	-12.19	PASS
336.440	-58.15	7.28	-50.87	-36	-14.87	PASS
641.248	-56.84	4.91	-51.93	-36	-15.93	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1451.263	-54.17	13.86	-40.31	-30	-10.31	PASS
3021.140	-56.53	17.28	-39.25	-30	-9.25	PASS
5238.525	-62.26	12.36	-49.90	-30	-19.90	PASS
7322.236	-58.63	10.74	-47.89	-30	-17.89	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
38.317	-54.03	6.86	-47.17	-36	-11.17	PASS
54.069	-56.50	8.58	-47.92	-36	-11.92	PASS
323.033	-53.85	9.08	-44.77	-36	-8.77	PASS
579.689	-51.65	9.24	-42.41	-36	-6.41	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
1594.348	-62.95	14.94	-48.01	-30	-18.01	PASS
3998.079	-61.86	12.37	-49.49	-30	-19.49	PASS
4834.909	-57.42	18.89	-38.53	-30	-8.53	PASS
9438.931	-59.87	17.52	-42.35	-30	-12.35	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)	
45.656	-51.23	8.89	-42.34	-36	-6.34	PASS
80.952	-54.46	3.24	-51.22	-36	-15.22	PASS
362.730	-56.22	8.74	-47.48	-36	-11.48	PASS
662.528	-58.04	6.49	-51.55	-36	-15.55	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)	
1572.175	-62.31	14.27	-48.04	-30	-18.04	PASS
3842.251	-57.74	10.32	-47.42	-30	-17.42	PASS
4834.517	-59.24	15.94	-43.30	-30	-13.30	PASS
7907.171	-54.64	18.50	-36.14	-30	-6.14	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)	
42.626	-52.75	5.50	-47.25	-36	-11.25	PASS
65.348	-57.28	3.35	-53.93	-36	-17.93	PASS
274.019	-51.65	3.33	-48.32	-36	-12.32	PASS
627.671	-53.81	3.71	-50.10	-36	-14.10	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)	
1368.952	-60.19	11.08	-49.11	-30	-19.11	PASS
4089.881	-54.00	10.49	-43.51	-30	-13.51	PASS
4770.676	-61.60	15.24	-46.36	-30	-16.36	PASS
8035.237	-54.41	18.02	-36.39	-30	-6.39	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)	
46.583	-55.34	5.25	-50.09	-36	-14.09	PASS
51.436	-53.66	9.53	-44.13	-36	-8.13	PASS
352.993	-56.94	6.91	-50.03	-36	-14.03	PASS
659.189	-50.71	2.47	-48.24	-36	-12.24	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)	
1289.002	-55.23	17.77	-37.46	-30	-7.46	PASS
2669.215	-58.94	12.16	-46.78	-30	-16.78	PASS
4554.559	-56.58	14.54	-42.04	-30	-12.04	PASS
7031.973	-59.12	15.25	-43.87	-30	-13.87	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)	
42.892	-57.18	1.82	-55.36	-36	-19.36	PASS
88.312	-52.17	3.02	-49.15	-36	-13.15	PASS
384.889	-51.59	5.99	-45.60	-36	-9.60	PASS
508.587	-56.82	5.43	-51.39	-36	-15.39	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)	
1164.878	-53.65	18.03	-35.62	-30	-5.62	PASS
2379.231	-58.93	17.28	-41.65	-30	-11.65	PASS
4432.775	-61.52	17.98	-43.54	-30	-13.54	PASS
9050.940	-54.76	11.51	-43.25	-30	-13.25	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)	
41.528	-58.13	1.61	-56.52	-36	-20.52	PASS
93.380	-59.88	9.05	-50.83	-36	-14.83	PASS
108.769	-51.88	1.79	-50.09	-36	-14.09	PASS
593.730	-57.70	1.24	-56.46	-36	-20.46	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)	
1378.732	-54.88	18.11	-36.77	-30	-6.77	PASS
2366.252	-62.40	12.07	-50.33	-30	-20.33	PASS
5704.400	-62.71	11.30	-51.41	-30	-21.41	PASS
6000.207	-57.94	14.36	-43.58	-30	-13.58	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 3 CH L 20M QPSK H 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
38.081	-55.36	5.62	-49.74	-36	-13.74	PASS
53.590	-55.17	8.74	-46.43	-36	-10.43	PASS
170.816	-59.10	8.97	-50.13	-36	-14.13	PASS
685.492	-57.50	2.60	-54.90	-36	-18.90	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
1491.089	-56.87	16.82	-40.05	-30	-10.05	PASS
3197.646	-56.42	16.32	-40.10	-30	-10.10	PASS
5570.490	-62.64	15.55	-47.09	-30	-17.09	PASS
7744.922	-53.39	10.76	-42.63	-30	-12.63	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)	
33.796	-52.08	3.87	-48.21	-36	-12.21	PASS
99.292	-51.07	7.59	-43.48	-36	-7.48	PASS
136.364	-57.76	9.85	-47.91	-36	-11.91	PASS
524.176	-50.78	5.81	-44.97	-36	-8.97	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)	
1210.186	-61.25	13.39	-47.86	-30	-17.86	PASS
3413.878	-62.51	13.84	-48.67	-30	-18.67	PASS
5457.762	-61.49	15.81	-45.68	-30	-15.68	PASS
6199.570	-55.03	11.51	-43.52	-30	-13.52	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)	
37.166	-58.73	8.59	-50.14	-36	-14.14	PASS
93.405	-51.56	7.87	-43.69	-36	-7.69	PASS
240.191	-54.74	3.45	-51.29	-36	-15.29	PASS
514.357	-52.04	3.27	-48.77	-36	-12.77	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)	
1199.904	-54.60	16.31	-38.29	-30	-8.29	PASS
3629.231	-54.23	18.57	-35.66	-30	-5.66	PASS
4979.040	-61.52	16.56	-44.96	-30	-14.96	PASS
7526.902	-59.41	15.58	-43.83	-30	-13.83	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)	
36.512	-56.74	4.43	-52.31	-36	-16.31	PASS
67.411	-50.47	9.11	-41.36	-36	-5.36	PASS
281.777	-53.81	3.39	-50.42	-36	-14.42	PASS
513.373	-57.23	5.21	-52.02	-36	-16.02	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)	
1103.635	-53.73	17.30	-36.43	-30	-6.43	PASS
3733.651	-59.23	10.70	-48.53	-30	-18.53	PASS
4404.515	-54.64	11.78	-42.86	-30	-12.86	PASS
6191.877	-57.81	11.39	-46.42	-30	-16.42	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
42.271	-53.45	8.24	-45.21	-36	-9.21	PASS
88.457	-54.26	8.36	-45.90	-36	-9.90	PASS
113.236	-59.14	3.55	-55.59	-36	-19.59	PASS
675.759	-55.25	3.82	-51.43	-36	-15.43	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1362.855	-54.42	10.75	-43.67	-30	-13.67	PASS
3353.071	-56.62	15.09	-41.53	-30	-11.53	PASS
5254.755	-59.15	14.30	-44.85	-30	-14.85	PASS
7520.828	-58.06	13.41	-44.65	-30	-14.65	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)	
36.454	-58.79	4.70	-54.09	-36	-18.09	PASS
86.533	-58.93	9.33	-49.60	-36	-13.60	PASS
137.492	-51.48	4.50	-46.98	-36	-10.98	PASS
638.846	-51.63	7.72	-43.91	-36	-7.91	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)	
1379.729	-57.50	17.65	-39.85	-30	-9.85	PASS
3504.751	-57.85	10.39	-47.46	-30	-17.46	PASS
5953.730	-54.97	18.58	-36.39	-30	-6.39	PASS
8126.235	-53.69	11.27	-42.42	-30	-12.42	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
47.022	-55.10	2.05	-53.05	-36	-17.05	PASS
63.616	-52.42	2.86	-49.56	-36	-13.56	PASS
277.187	-56.09	1.36	-54.73	-36	-18.73	PASS
557.681	-57.15	8.32	-48.83	-36	-12.83	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)	
1306.462	-62.60	10.41	-52.19	-30	-22.19	PASS
2731.891	-58.94	10.16	-48.78	-30	-18.78	PASS
4391.439	-55.05	18.71	-36.34	-30	-6.34	PASS
9028.946	-54.58	16.43	-38.15	-30	-8.15	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
37.616	-51.27	3.37	-47.90	-36	-11.90	PASS
73.588	-54.69	8.33	-46.36	-36	-10.36	PASS
353.622	-51.66	3.02	-48.64	-36	-12.64	PASS
588.896	-52.93	8.22	-44.71	-36	-8.71	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1308.342	-57.19	11.93	-45.26	-30	-15.26	PASS
3440.442	-57.10	18.88	-38.22	-30	-8.22	PASS
4273.135	-58.96	17.37	-41.59	-30	-11.59	PASS
8356.898	-55.10	16.95	-38.15	-30	-8.15	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
45.681	-58.47	2.69	-55.78	-36	-19.78	PASS
77.140	-57.94	3.83	-54.11	-36	-18.11	PASS
153.751	-56.02	6.70	-49.32	-36	-13.32	PASS
631.728	-52.03	9.26	-42.77	-36	-6.77	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1259.232	-61.79	15.06	-46.73	-30	-16.73	PASS
3861.980	-58.48	18.85	-39.63	-30	-9.63	PASS
4672.285	-62.18	18.95	-43.23	-30	-13.23	PASS
8122.021	-60.43	18.91	-41.52	-30	-11.52	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)	
43.607	-53.95	9.23	-44.72	-36	-8.72	PASS
56.606	-53.47	5.80	-47.67	-36	-11.67	PASS
367.295	-53.36	2.42	-50.94	-36	-14.94	PASS
572.393	-50.43	5.74	-44.69	-36	-8.69	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)	
1295.768	-53.14	17.49	-35.65	-30	-5.65	PASS
3641.994	-62.06	16.90	-45.16	-30	-15.16	PASS
4051.602	-56.75	16.78	-39.97	-30	-9.97	PASS
7146.219	-60.71	16.38	-44.33	-30	-14.33	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)	
42.855	-58.15	3.27	-54.88	-36	-18.88	PASS
51.127	-56.23	5.81	-50.42	-36	-14.42	PASS
257.211	-53.52	9.05	-44.47	-36	-8.47	PASS
649.093	-57.97	8.51	-49.46	-36	-13.46	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)	
1326.765	-56.14	12.51	-43.63	-30	-13.63	PASS
2627.158	-62.73	13.66	-49.07	-30	-19.07	PASS
5691.977	-54.00	12.95	-41.05	-30	-11.05	PASS
6050.300	-57.76	16.23	-41.53	-30	-11.53	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
47.741	-50.89	9.90	-40.99	-36	-4.99	PASS
58.171	-51.21	6.20	-45.01	-36	-9.01	PASS
244.063	-59.83	4.20	-55.63	-36	-19.63	PASS
608.495	-54.01	5.74	-48.27	-36	-12.27	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1537.921	-60.73	16.15	-44.58	-30	-14.58	PASS
4055.617	-60.57	11.96	-48.61	-30	-18.61	PASS
4233.595	-58.27	10.44	-47.83	-30	-17.83	PASS
8192.742	-54.84	14.98	-39.86	-30	-9.86	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)	
35.288	-54.57	9.90	-44.67	-36	-8.67	PASS
53.620	-50.85	9.37	-41.48	-36	-5.48	PASS
386.822	-51.70	1.75	-49.95	-36	-13.95	PASS
603.459	-55.25	6.25	-49.00	-36	-13.00	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)	
1504.951	-62.41	12.12	-50.29	-30	-20.29	PASS
3059.044	-62.00	12.39	-49.61	-30	-19.61	PASS
5236.571	-61.44	14.08	-47.36	-30	-17.36	PASS
8297.149	-56.30	17.74	-38.56	-30	-8.56	PASS

Remark:

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



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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
38.931	-57.90	4.04	-53.86	-36	-17.86	PASS
52.261	-55.79	1.68	-54.11	-36	-18.11	PASS
118.680	-57.71	9.59	-48.12	-36	-12.12	PASS
525.362	-58.19	9.88	-48.31	-36	-12.31	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1489.789	-58.32	18.80	-39.52	-30	-9.52	PASS
2443.972	-57.76	14.56	-43.20	-30	-13.20	PASS
4577.178	-61.19	17.46	-43.73	-30	-13.73	PASS
7184.858	-60.65	11.65	-49.00	-30	-19.00	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)	
36.319	-54.83	9.49	-45.34	-36	-9.34	PASS
64.541	-57.75	7.68	-50.07	-36	-14.07	PASS
168.932	-55.76	2.83	-52.93	-36	-16.93	PASS
690.136	-59.70	8.99	-50.71	-36	-14.71	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)	
1251.667	-62.75	15.78	-46.97	-30	-16.97	PASS
4191.438	-57.27	16.24	-41.03	-30	-11.03	PASS
5145.473	-60.93	12.44	-48.49	-30	-18.49	PASS
6984.575	-60.50	17.36	-43.14	-30	-13.14	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
33.699	-57.95	7.84	-50.11	-36	-14.11	PASS
92.249	-51.01	8.10	-42.91	-36	-6.91	PASS
398.062	-56.11	1.16	-54.95	-36	-18.95	PASS
651.058	-53.20	1.66	-51.54	-36	-15.54	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1586.223	-62.42	11.97	-50.45	-30	-20.45	PASS
3053.606	-56.94	18.06	-38.88	-30	-8.88	PASS
5023.162	-56.69	10.11	-46.58	-30	-16.58	PASS
6599.882	-60.73	11.53	-49.20	-30	-19.20	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)	
33.658	-58.49	3.94	-54.55	-36	-18.55	PASS
63.149	-57.54	4.26	-53.28	-36	-17.28	PASS
232.957	-56.29	9.98	-46.31	-36	-10.31	PASS
560.390	-52.52	7.14	-45.38	-36	-9.38	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)	
1555.038	-62.41	10.19	-52.22	-30	-22.22	PASS
3220.132	-60.17	15.71	-44.46	-30	-14.46	PASS
5901.894	-61.58	17.17	-44.41	-30	-14.41	PASS
9137.738	-58.11	15.38	-42.73	-30	-12.73	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)	
33.078	-51.80	6.11	-45.69	-36	-9.69	PASS
53.726	-54.09	8.79	-45.30	-36	-9.30	PASS
303.728	-58.65	7.06	-51.59	-36	-15.59	PASS
641.093	-54.95	7.49	-47.46	-36	-11.46	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)	
1315.386	-61.94	11.72	-50.22	-30	-20.22	PASS
2945.501	-59.30	11.39	-47.91	-30	-17.91	PASS
5193.644	-60.72	11.28	-49.44	-30	-19.44	PASS
8379.892	-60.56	14.66	-45.90	-30	-15.90	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 1.4M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
40.531	-56.16	7.54	-48.62	-36	-12.62	PASS
50.719	-59.33	4.05	-55.28	-36	-19.28	PASS
362.606	-53.86	3.43	-50.43	-36	-14.43	PASS
622.445	-53.02	7.27	-45.75	-36	-9.75	PASS

Remark:

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

Band 8 CH L 1.4M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1237.749	-60.85	15.28	-45.57	-30	-15.57	PASS
3039.043	-55.66	14.95	-40.71	-30	-10.71	PASS
4429.384	-53.36	14.99	-38.37	-30	-8.37	PASS
8963.383	-57.05	13.73	-43.32	-30	-13.32	PASS

Remark:

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

Band 8 CH L 1.4M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
36.481	-50.04	8.65	-41.39	-36	-5.39	PASS
98.149	-50.93	2.37	-48.56	-36	-12.56	PASS
367.733	-59.56	7.57	-51.99	-36	-15.99	PASS
591.648	-58.04	4.60	-53.44	-36	-17.44	PASS

Remark:

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

Band 8 CH L 1.4M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1241.654	-60.25	11.76	-48.49	-30	-18.49	PASS
2201.382	-61.53	12.07	-49.46	-30	-19.46	PASS
4297.441	-60.69	13.04	-47.65	-30	-17.65	PASS
7873.852	-54.77	10.92	-43.85	-30	-13.85	PASS

Remark:

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

Band 8 CH M 1.4M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
36.601	-57.95	1.38	-56.57	-36	-20.57	PASS
70.678	-59.14	3.83	-55.31	-36	-19.31	PASS
371.817	-56.62	8.93	-47.69	-36	-11.69	PASS
683.208	-53.85	1.44	-52.41	-36	-16.41	PASS

Remark:

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

Band 8 CH M 1.4M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1326.583	-62.61	15.46	-47.15	-30	-17.15	PASS
3382.144	-53.56	10.61	-42.95	-30	-12.95	PASS
4966.192	-60.58	13.14	-47.44	-30	-17.44	PASS
7296.102	-60.43	14.89	-45.54	-30	-15.54	PASS

Remark:

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



Band 8 CH M 1.4M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
37.682	-58.32	7.42	-50.90	-36	-14.90	PASS
50.580	-59.28	8.30	-50.98	-36	-14.98	PASS
259.897	-56.28	6.08	-50.20	-36	-14.20	PASS
654.203	-56.04	1.90	-54.14	-36	-18.14	PASS

Remark:

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

Band 8 CH M 1.4M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1148.684	-61.38	12.69	-48.69	-30	-18.69	PASS
3521.067	-61.16	10.62	-50.54	-30	-20.54	PASS
5587.075	-53.70	18.70	-35.00	-30	-5.00	PASS
7182.010	-59.78	10.21	-49.57	-30	-19.57	PASS

Remark:

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

Band 8 CH H 1.4M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
44.507	-55.31	6.61	-48.70	-36	-12.70	PASS
76.164	-56.62	8.67	-47.95	-36	-11.95	PASS
376.347	-52.83	2.20	-50.63	-36	-14.63	PASS
554.392	-56.45	3.67	-52.78	-36	-16.78	PASS

Remark:

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

Band 8 CH H 1.4M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1463.272	-55.99	18.58	-37.41	-30	-7.41	PASS
2756.408	-59.93	11.59	-48.34	-30	-18.34	PASS
4266.238	-62.79	12.61	-50.18	-30	-20.18	PASS
6474.702	-58.46	11.47	-46.99	-30	-16.99	PASS

Remark:

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

Band 8 CH H 1.4M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
36.497	-57.38	7.89	-49.49	-36	-13.49	PASS
98.824	-59.41	5.50	-53.91	-36	-17.91	PASS
369.412	-51.82	6.48	-45.34	-36	-9.34	PASS
604.859	-57.42	9.71	-47.71	-36	-11.71	PASS

Remark:

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

Band 8 CH H 1.4M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1414.736	-61.82	15.18	-46.64	-30	-16.64	PASS
4196.669	-62.83	13.96	-48.87	-30	-18.87	PASS
5481.714	-54.20	11.04	-43.16	-30	-13.16	PASS
9597.052	-57.21	15.68	-41.53	-30	-11.53	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	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
33.924	-59.75	5.67	-54.08	-36	-18.08	PASS
59.128	-55.97	7.99	-47.98	-36	-11.98	PASS
154.752	-59.06	8.16	-50.90	-36	-14.90	PASS
567.969	-54.60	8.48	-46.12	-36	-10.12	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1545.735	-56.89	13.13	-43.76	-30	-13.76	PASS
2681.833	-62.22	10.53	-51.69	-30	-21.69	PASS
5200.404	-53.15	17.16	-35.99	-30	-5.99	PASS
9396.366	-59.85	18.37	-41.48	-30	-11.48	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)	
41.637	-51.18	3.54	-47.64	-36	-11.64	PASS
82.674	-50.86	5.21	-45.65	-36	-9.65	PASS
358.312	-51.49	9.20	-42.29	-36	-6.29	PASS
616.386	-57.37	1.75	-55.62	-36	-19.62	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)	
1497.236	-56.34	11.99	-44.35	-30	-14.35	PASS
4043.355	-56.36	12.46	-43.90	-30	-13.90	PASS
4102.233	-61.03	17.62	-43.41	-30	-13.41	PASS
7734.154	-54.61	17.82	-36.79	-30	-6.79	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
43.700	-59.31	1.74	-57.57	-36	-21.57	PASS
77.066	-53.26	4.77	-48.49	-36	-12.49	PASS
167.433	-57.59	5.28	-52.31	-36	-16.31	PASS
672.719	-52.32	7.58	-44.74	-36	-8.74	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1242.152	-56.57	10.94	-45.63	-30	-15.63	PASS
3850.837	-56.06	13.91	-42.15	-30	-12.15	PASS
5547.282	-53.99	17.70	-36.29	-30	-6.29	PASS
6808.633	-53.57	12.35	-41.22	-30	-11.22	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)	
47.376	-51.82	1.42	-50.40	-36	-14.40	PASS
74.164	-55.15	3.63	-51.52	-36	-15.52	PASS
182.694	-50.77	3.49	-47.28	-36	-11.28	PASS
575.916	-54.43	9.20	-45.23	-36	-9.23	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)	
1345.095	-61.24	14.15	-47.09	-30	-17.09	PASS
4157.672	-57.07	10.77	-46.30	-30	-16.30	PASS
4781.758	-53.87	11.06	-42.81	-30	-12.81	PASS
6686.546	-62.93	12.96	-49.97	-30	-19.97	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)	
39.525	-53.49	5.48	-48.01	-36	-12.01	PASS
80.414	-54.70	8.87	-45.83	-36	-9.83	PASS
342.399	-59.41	5.68	-53.73	-36	-17.73	PASS
572.499	-55.48	4.80	-50.68	-36	-14.68	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)	
1369.382	-58.33	10.31	-48.02	-30	-18.02	PASS
3988.561	-61.83	10.43	-51.40	-30	-21.40	PASS
4144.474	-61.18	15.46	-45.72	-30	-15.72	PASS
6669.157	-53.45	16.63	-36.82	-30	-6.82	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)	
39.526	-59.84	2.28	-57.56	-36	-21.56	PASS
78.730	-53.67	2.19	-51.48	-36	-15.48	PASS
167.047	-51.91	5.78	-46.13	-36	-10.13	PASS
653.513	-53.63	9.83	-43.80	-36	-7.80	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)	
1137.157	-60.18	17.49	-42.69	-30	-12.69	PASS
2426.719	-61.68	12.79	-48.89	-30	-18.89	PASS
5308.078	-60.70	17.91	-42.79	-30	-12.79	PASS
7031.429	-55.83	14.61	-41.22	-30	-11.22	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 H 10M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
35.986	-51.93	8.31	-43.62	-36	-7.62	PASS
87.342	-51.65	6.69	-44.96	-36	-8.96	PASS
218.741	-52.76	6.35	-46.41	-36	-10.41	PASS
611.128	-52.07	4.61	-47.46	-36	-11.46	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1338.887	-61.59	16.72	-44.87	-30	-14.87	PASS
3328.846	-61.22	16.34	-44.88	-30	-14.88	PASS
4363.505	-58.07	17.87	-40.20	-30	-10.20	PASS
6530.699	-60.79	11.97	-48.82	-30	-18.82	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)	
47.688	-55.42	2.07	-53.35	-36	-17.35	PASS
53.652	-54.85	8.97	-45.88	-36	-9.88	PASS
219.579	-58.66	9.40	-49.26	-36	-13.26	PASS
598.739	-54.59	6.79	-47.80	-36	-11.80	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)	
1557.168	-60.54	10.56	-49.98	-30	-19.98	PASS
2791.275	-60.10	10.61	-49.49	-30	-19.49	PASS
4667.441	-56.52	11.57	-44.95	-30	-14.95	PASS
7317.845	-54.04	13.15	-40.89	-30	-10.89	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)	
34.148	-53.13	4.75	-48.38	-36	-12.38	PASS
87.729	-52.53	6.52	-46.01	-36	-10.01	PASS
392.530	-53.47	7.97	-45.50	-36	-9.50	PASS
579.587	-50.45	8.01	-42.44	-36	-6.44	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)	
1344.644	-57.82	18.60	-39.22	-30	-9.22	PASS
3576.395	-56.46	16.95	-39.51	-30	-9.51	PASS
5526.681	-59.84	14.66	-45.18	-30	-15.18	PASS
7329.571	-62.25	11.57	-50.68	-30	-20.68	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)	
33.617	-51.92	3.70	-48.22	-36	-12.22	PASS
56.635	-55.46	6.13	-49.33	-36	-13.33	PASS
156.332	-56.27	8.91	-47.36	-36	-11.36	PASS
636.571	-50.33	6.71	-43.62	-36	-7.62	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)	
1118.556	-56.18	16.12	-40.06	-30	-10.06	PASS
4068.299	-53.35	16.46	-36.89	-30	-6.89	PASS
5493.725	-60.16	11.26	-48.90	-30	-18.90	PASS
9749.311	-55.59	15.19	-40.40	-30	-10.40	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)	
35.367	-56.00	1.69	-54.31	-36	-18.31	PASS
97.003	-55.46	1.87	-53.59	-36	-17.59	PASS
241.019	-55.09	4.60	-50.49	-36	-14.49	PASS
583.126	-55.68	8.02	-47.66	-36	-11.66	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)	
1648.679	-58.22	13.30	-44.92	-30	-14.92	PASS
3023.304	-57.14	14.90	-42.24	-30	-12.24	PASS
4596.140	-57.82	15.13	-42.69	-30	-12.69	PASS
6761.047	-62.64	13.92	-48.72	-30	-18.72	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)	
41.133	-50.92	9.13	-41.79	-36	-5.79	PASS
68.423	-55.55	5.34	-50.21	-36	-14.21	PASS
129.844	-57.79	1.10	-56.69	-36	-20.69	PASS
620.556	-58.23	5.18	-53.05	-36	-17.05	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)	
1348.891	-60.73	13.51	-47.22	-30	-17.22	PASS
2243.003	-53.63	17.26	-36.37	-30	-6.37	PASS
4434.535	-57.11	16.17	-40.94	-30	-10.94	PASS
8679.683	-53.79	12.28	-41.51	-30	-11.51	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
39.981	-55.92	4.33	-51.59	-36	-15.59	PASS
94.449	-52.72	9.89	-42.83	-36	-6.83	PASS
336.728	-57.16	5.61	-51.55	-36	-15.55	PASS
601.984	-59.94	9.07	-50.87	-36	-14.87	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)	
1231.844	-53.41	12.49	-40.92	-30	-10.92	PASS
4104.316	-58.94	11.26	-47.68	-30	-17.68	PASS
4460.484	-58.85	13.16	-45.69	-30	-15.69	PASS
8605.431	-53.47	14.30	-39.17	-30	-9.17	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)	
45.025	-50.50	9.48	-41.02	-36	-5.02	PASS
93.113	-52.49	8.43	-44.06	-36	-8.06	PASS
114.720	-57.59	3.40	-54.19	-36	-18.19	PASS
563.465	-58.04	7.48	-50.56	-36	-14.56	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)	
1548.423	-54.84	14.96	-39.88	-30	-9.88	PASS
2832.312	-59.73	16.77	-42.96	-30	-12.96	PASS
5266.163	-59.62	12.73	-46.89	-30	-16.89	PASS
8098.641	-53.13	11.94	-41.19	-30	-11.19	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)	
42.399	-52.73	7.29	-45.44	-36	-9.44	PASS
61.364	-50.24	9.62	-40.62	-36	-4.62	PASS
258.484	-54.31	6.28	-48.03	-36	-12.03	PASS
695.468	-58.80	8.02	-50.78	-36	-14.78	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)	
1430.549	-58.46	14.52	-43.94	-30	-13.94	PASS
3119.224	-56.41	18.20	-38.21	-30	-8.21	PASS
5213.635	-58.62	14.39	-44.23	-30	-14.23	PASS
9628.143	-53.60	10.00	-43.60	-30	-13.60	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)	
35.679	-59.46	7.13	-52.33	-36	-16.33	PASS
67.912	-55.51	1.03	-54.48	-36	-18.48	PASS
390.914	-53.58	1.03	-52.55	-36	-16.55	PASS
545.513	-52.88	5.25	-47.63	-36	-11.63	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)	
1174.285	-58.60	14.92	-43.68	-30	-13.68	PASS
3582.406	-57.56	15.46	-42.10	-30	-12.10	PASS
4562.379	-60.33	16.22	-44.11	-30	-14.11	PASS
7713.618	-54.64	15.58	-39.06	-30	-9.06	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)	
44.512	-53.03	1.62	-51.41	-36	-15.41	PASS
94.003	-52.75	9.76	-42.99	-36	-6.99	PASS
289.848	-51.31	7.27	-44.04	-36	-8.04	PASS
657.312	-57.50	5.53	-51.97	-36	-15.97	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)	
1280.104	-57.28	10.17	-47.11	-30	-17.11	PASS
3653.737	-53.25	18.26	-34.99	-30	-4.99	PASS
4515.792	-62.55	10.83	-51.72	-30	-21.72	PASS
7153.780	-61.53	10.05	-51.48	-30	-21.48	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)	
47.798	-54.95	9.76	-45.19	-36	-9.19	PASS
98.472	-55.34	1.24	-54.10	-36	-18.10	PASS
376.971	-56.91	3.23	-53.68	-36	-17.68	PASS
677.888	-52.37	2.72	-49.65	-36	-13.65	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)	
1273.675	-56.97	18.02	-38.95	-30	-8.95	PASS
4028.341	-53.96	18.14	-35.82	-30	-5.82	PASS
4053.393	-57.35	10.83	-46.52	-30	-16.52	PASS
7427.491	-60.32	18.66	-41.66	-30	-11.66	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	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
34.233	-53.65	4.61	-49.04	-36	-13.04	PASS
51.076	-57.53	4.85	-52.68	-36	-16.68	PASS
355.057	-59.30	5.19	-54.11	-36	-18.11	PASS
657.227	-58.15	4.11	-54.04	-36	-18.04	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1331.069	-57.76	12.37	-45.39	-30	-15.39	PASS
2961.839	-59.77	17.67	-42.10	-30	-12.10	PASS
4904.614	-55.96	13.08	-42.88	-30	-12.88	PASS
6140.609	-56.81	15.20	-41.61	-30	-11.61	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)	
46.704	-52.88	7.03	-45.85	-36	-9.85	PASS
81.409	-50.31	7.64	-42.67	-36	-6.67	PASS
137.422	-50.54	7.29	-43.25	-36	-7.25	PASS
651.364	-51.44	6.82	-44.62	-36	-8.62	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)	
1342.521	-58.23	15.84	-42.39	-30	-12.39	PASS
3504.227	-57.14	13.18	-43.96	-30	-13.96	PASS
5463.132	-53.79	14.11	-39.68	-30	-9.68	PASS
6572.302	-55.84	18.32	-37.52	-30	-7.52	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	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
39.370	-56.17	2.34	-53.83	-36	-17.83	PASS
78.101	-56.88	9.30	-47.58	-36	-11.58	PASS
246.848	-52.50	8.00	-44.50	-36	-8.50	PASS
573.185	-50.57	5.19	-45.38	-36	-9.38	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1118.689	-59.78	11.04	-48.74	-30	-18.74	PASS
3988.605	-54.23	14.87	-39.36	-30	-9.36	PASS
4987.570	-57.97	14.85	-43.12	-30	-13.12	PASS
8723.171	-57.59	16.13	-41.46	-30	-11.46	PASS

Remark:

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



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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
45.965	-56.47	2.20	-54.27	-36	-18.27	PASS
66.869	-56.29	1.91	-54.38	-36	-18.38	PASS
233.926	-52.77	7.25	-45.52	-36	-9.52	PASS
512.787	-53.92	9.19	-44.73	-36	-8.73	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1121.359	-59.55	18.48	-41.07	-30	-11.07	PASS
4080.655	-60.20	14.74	-45.46	-30	-15.46	PASS
5349.413	-54.35	16.04	-38.31	-30	-8.31	PASS
6280.517	-60.38	14.92	-45.46	-30	-15.46	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)	
39.493	-57.12	1.95	-55.17	-36	-19.17	PASS
50.132	-52.35	2.12	-50.23	-36	-14.23	PASS
383.773	-52.84	9.62	-43.22	-36	-7.22	PASS
519.686	-52.28	3.38	-48.90	-36	-12.90	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)	
1175.548	-55.42	12.09	-43.33	-30	-13.33	PASS
3494.054	-62.14	14.11	-48.03	-30	-18.03	PASS
5380.559	-59.76	14.00	-45.76	-30	-15.76	PASS
8161.837	-61.57	13.56	-48.01	-30	-18.01	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
45.927	-56.97	8.58	-48.39	-36	-12.39	PASS
85.131	-55.73	4.99	-50.74	-36	-14.74	PASS
334.655	-52.11	9.78	-42.33	-36	-6.33	PASS
633.046	-56.98	8.17	-48.81	-36	-12.81	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1552.036	-61.20	15.19	-46.01	-30	-16.01	PASS
3369.868	-54.37	13.62	-40.75	-30	-10.75	PASS
5693.973	-56.58	11.49	-45.09	-30	-15.09	PASS
7008.634	-61.34	11.42	-49.92	-30	-19.92	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 40 CH L 5M QPSK H 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
43.196	-56.40	5.73	-50.67	-36	-14.67	PASS
85.032	-58.73	4.71	-54.02	-36	-18.02	PASS
203.658	-52.53	3.74	-48.79	-36	-12.79	PASS
528.526	-54.72	9.22	-45.50	-36	-9.50	PASS

Remark:

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

Band 40 CH L 5M QPSK H 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1147.187	-57.03	15.45	-41.58	-30	-11.58	PASS
4168.163	-59.05	11.50	-47.55	-30	-17.55	PASS
4120.128	-53.53	18.31	-35.22	-30	-5.22	PASS
8991.805	-53.79	18.36	-35.43	-30	-5.43	PASS

Remark:

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

Band 40 CH L 5M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
44.509	-54.71	8.45	-46.26	-36	-10.26	PASS
74.471	-50.72	5.57	-45.15	-36	-9.15	PASS
134.553	-59.31	9.10	-50.21	-36	-14.21	PASS
542.978	-55.39	3.34	-52.05	-36	-16.05	PASS

Remark:

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

Band 40 CH L 5M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1561.537	-62.03	10.77	-51.26	-30	-21.26	PASS
4162.543	-62.12	16.63	-45.49	-30	-15.49	PASS
4216.257	-53.63	16.19	-37.44	-30	-7.44	PASS
8166.280	-62.24	13.24	-49.00	-30	-19.00	PASS

Remark:

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

Band 40 CH M 5M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
42.335	-55.85	1.14	-54.71	-36	-18.71	PASS
56.196	-56.19	7.47	-48.72	-36	-12.72	PASS
166.652	-53.79	6.60	-47.19	-36	-11.19	PASS
578.764	-50.28	2.60	-47.68	-36	-11.68	PASS

Remark:

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

Band 40 CH M 5M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1333.348	-56.22	11.71	-44.51	-30	-14.51	PASS
3075.541	-53.98	18.55	-35.43	-30	-5.43	PASS
4808.204	-57.24	13.40	-43.84	-30	-13.84	PASS
7423.908	-60.62	17.16	-43.46	-30	-13.46	PASS

Remark:

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

Band 40 CH M 5M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
36.461	-59.57	9.30	-50.27	-36	-14.27	PASS
69.278	-52.08	1.60	-50.48	-36	-14.48	PASS
384.495	-51.38	9.99	-41.39	-36	-5.39	PASS
560.280	-51.60	2.34	-49.26	-36	-13.26	PASS

Remark:

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

Band 40 CH M 5M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1119.935	-60.08	18.39	-41.69	-30	-11.69	PASS
2965.457	-61.15	12.98	-48.17	-30	-18.17	PASS
5298.836	-62.45	15.07	-47.38	-30	-17.38	PASS
8453.760	-56.95	15.54	-41.41	-30	-11.41	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 40CH H 5M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
35.335	-50.63	6.78	-43.85	-36	-7.85	PASS
77.392	-55.25	4.56	-50.69	-36	-14.69	PASS
154.335	-54.10	1.44	-52.66	-36	-16.66	PASS
583.509	-56.54	1.35	-55.19	-36	-19.19	PASS

Remark:

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

Band 40 CH H 5M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1573.948	-55.18	10.11	-45.07	-30	-15.07	PASS
3152.580	-57.42	10.11	-47.31	-30	-17.31	PASS
4930.458	-61.73	16.47	-45.26	-30	-15.26	PASS
9791.618	-55.19	10.98	-44.21	-30	-14.21	PASS

Remark:

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



Band 40 CH H 5M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
37.419	-50.06	8.90	-41.16	-36	-5.16	PASS
76.863	-59.86	8.91	-50.95	-36	-14.95	PASS
216.978	-54.46	9.78	-44.68	-36	-8.68	PASS
623.849	-50.98	9.24	-41.74	-36	-5.74	PASS

Remark:

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

Band 40 CH H 5M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1386.447	-60.44	12.77	-47.67	-30	-17.67	PASS
3834.708	-60.21	10.85	-49.36	-30	-19.36	PASS
4371.184	-53.42	15.56	-37.86	-30	-7.86	PASS
9648.556	-58.21	12.88	-45.33	-30	-15.33	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 40 CH L 20M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
33.200	-54.91	6.70	-48.21	-36	-12.21	PASS
82.969	-59.62	5.66	-53.96	-36	-17.96	PASS
268.418	-57.66	8.21	-49.45	-36	-13.45	PASS
521.372	-54.59	8.22	-46.37	-36	-10.37	PASS

Remark:

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

Band 40 CH L 20M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1517.062	-53.25	11.39	-41.86	-30	-11.86	PASS
3587.987	-61.09	18.40	-42.69	-30	-12.69	PASS
4412.113	-54.93	11.70	-43.23	-30	-13.23	PASS
9517.575	-53.07	10.16	-42.91	-30	-12.91	PASS

Remark:

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

Band 40 CH L 20M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
38.528	-54.68	8.24	-46.44	-36	-10.44	PASS
96.466	-59.94	7.93	-52.01	-36	-16.01	PASS
307.207	-51.19	6.98	-44.21	-36	-8.21	PASS
646.087	-58.77	5.47	-53.30	-36	-17.30	PASS

Remark:

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

Band 40 CH L 20M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1403.547	-53.40	18.72	-34.68	-30	-4.68	PASS
4071.881	-59.30	14.75	-44.55	-30	-14.55	PASS
4710.125	-59.98	13.55	-46.43	-30	-16.43	PASS
7080.517	-55.61	11.83	-43.78	-30	-13.78	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 40 CH M 20M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
44.191	-54.25	4.45	-49.80	-36	-13.80	PASS
51.253	-54.11	6.21	-47.90	-36	-11.90	PASS
303.058	-53.62	1.11	-52.51	-36	-16.51	PASS
518.148	-58.25	1.18	-57.07	-36	-21.07	PASS

Remark:

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

Band 40 CH M 20M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1256.525	-55.08	13.39	-41.69	-30	-11.69	PASS
3293.426	-55.35	11.53	-43.82	-30	-13.82	PASS
4940.741	-61.32	17.40	-43.92	-30	-13.92	PASS
7487.779	-61.62	11.36	-50.26	-30	-20.26	PASS

Remark:

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

Band 40 CH M 20M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
40.802	-56.84	7.50	-49.34	-36	-13.34	PASS
82.391	-54.68	9.84	-44.84	-36	-8.84	PASS
121.636	-52.38	3.11	-49.27	-36	-13.27	PASS
596.188	-51.79	5.87	-45.92	-36	-9.92	PASS

Remark:

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

Band 40 CH M 20M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1436.977	-57.34	16.45	-40.89	-30	-10.89	PASS
3678.064	-54.34	14.33	-40.01	-30	-10.01	PASS
4468.492	-61.49	11.01	-50.48	-30	-20.48	PASS
6241.435	-54.85	15.98	-38.87	-30	-8.87	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 40 CH H 20M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
34.548	-55.75	1.54	-54.21	-36	-18.21	PASS
81.568	-57.68	1.48	-56.20	-36	-20.20	PASS
329.588	-59.62	1.71	-57.91	-36	-21.91	PASS
575.256	-52.57	1.92	-50.65	-36	-14.65	PASS

Remark:

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

Band 40CH H 20M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1207.460	-62.58	16.03	-46.55	-30	-16.55	PASS
3076.153	-62.24	11.69	-50.55	-30	-20.55	PASS
5790.245	-62.36	18.95	-43.41	-30	-13.41	PASS
7999.817	-60.54	18.82	-41.72	-30	-11.72	PASS

Remark:

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

Band 40 CH H 20M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
33.218	-59.93	7.39	-52.54	-36	-16.54	PASS
70.616	-52.76	6.36	-46.40	-36	-10.40	PASS
260.446	-59.60	8.60	-51.00	-36	-15.00	PASS
582.673	-58.09	7.14	-50.95	-36	-14.95	PASS

Remark:

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

Band 40 CH H 20M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1255.712	-55.72	16.97	-38.75	-30	-8.75	PASS
3114.139	-53.82	11.76	-42.06	-30	-12.06	PASS
5505.457	-56.84	13.11	-43.73	-30	-13.73	PASS
8237.275	-54.88	14.13	-40.75	-30	-10.75	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)	
36.596	H	-77.59	7.53	-70.06	-57	-13.06	PASS
59.335	H	-78.61	4.25	-74.36	-57	-17.36	PASS
345.352	H	-79.11	9.24	-69.87	-57	-12.87	PASS
682.749	H	-72.41	2.22	-70.19	-57	-13.19	PASS
41.228	V	-79.62	5.03	-74.59	-57	-17.59	PASS
90.110	V	-76.98	4.71	-72.27	-57	-15.27	PASS
323.762	V	-74.04	2.99	-71.05	-57	-14.05	PASS
570.532	V	-74.57	6.44	-68.13	-57	-11.13	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)	
1223.898	V	-77.20	16.54	-60.66	-47	-13.66	PASS
2574.604	V	-80.33	14.56	-65.77	-47	-18.77	PASS
4980.742	V	-72.71	11.94	-60.77	-47	-13.77	PASS
6592.892	V	-75.39	18.32	-57.07	-47	-10.07	PASS
1583.737	H	-73.60	14.80	-58.80	-47	-11.80	PASS
4029.284	H	-73.80	13.17	-60.63	-47	-13.63	PASS
4385.234	H	-75.02	16.61	-58.41	-47	-11.41	PASS
9380.596	H	-80.24	13.61	-66.63	-47	-19.63	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)	
36.644	H	-74.00	3.04	-70.96	-57	-13.96	PASS
78.415	H	-81.26	5.47	-75.79	-57	-18.79	PASS
302.952	H	-76.79	3.66	-73.13	-57	-16.13	PASS
551.475	H	-78.16	7.92	-70.24	-57	-13.24	PASS
38.498	V	-73.09	3.89	-69.20	-57	-12.20	PASS
89.889	V	-76.94	8.72	-68.22	-57	-11.22	PASS
161.403	V	-73.75	9.16	-64.59	-57	-7.59	PASS
548.127	V	-73.14	8.64	-64.50	-57	-7.50	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)	
1159.365	V	-81.97	18.48	-63.49	-47	-16.49	PASS
3764.627	V	-78.22	16.60	-61.62	-47	-14.62	PASS
5655.063	V	-74.46	10.80	-63.66	-47	-16.66	PASS
8115.737	V	-77.02	15.46	-61.56	-47	-14.56	PASS
1352.655	H	-79.40	16.45	-62.95	-47	-15.95	PASS
3814.727	H	-72.31	11.71	-60.60	-47	-13.60	PASS
4439.031	H	-74.61	11.73	-62.88	-47	-15.88	PASS
9547.682	H	-76.35	10.60	-65.75	-47	-18.75	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)	
34.710	H	-81.37	3.10	-78.27	-57	-21.27	PASS
78.835	H	-74.12	7.92	-66.20	-57	-9.20	PASS
340.307	H	-78.52	1.20	-77.32	-57	-20.32	PASS
670.964	H	-79.93	9.87	-70.06	-57	-13.06	PASS
38.952	V	-80.43	2.63	-77.80	-57	-20.80	PASS
97.916	V	-76.10	7.12	-68.98	-57	-11.98	PASS
269.720	V	-79.06	4.34	-74.72	-57	-17.72	PASS
674.999	V	-75.35	3.93	-71.42	-57	-14.42	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)	
1378.010	V	-72.22	13.22	-59.00	-47	-12.00	PASS
2567.989	V	-74.55	11.21	-63.34	-47	-16.34	PASS
4018.174	V	-78.56	16.06	-62.50	-47	-15.50	PASS
7038.782	V	-76.94	11.79	-65.15	-47	-18.15	PASS
1506.734	H	-73.40	14.49	-58.91	-47	-11.91	PASS
3745.023	H	-76.87	15.73	-61.14	-47	-14.14	PASS
5273.338	H	-74.19	13.61	-60.58	-47	-13.58	PASS
7467.871	H	-72.39	14.01	-58.38	-47	-11.38	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)	
42.757	H	-74.20	2.36	-71.84	-57	-14.84	PASS
97.664	H	-75.31	8.89	-66.42	-57	-9.42	PASS
367.522	H	-77.00	4.80	-72.20	-57	-15.20	PASS
580.082	H	-73.00	2.66	-70.34	-57	-13.34	PASS
43.008	V	-79.10	8.09	-71.01	-57	-14.01	PASS
82.053	V	-77.18	1.61	-75.57	-57	-18.57	PASS
206.616	V	-78.07	9.62	-68.45	-57	-11.45	PASS
631.392	V	-73.82	9.92	-63.90	-57	-6.90	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)	
1429.693	V	-78.83	16.93	-61.90	-47	-14.90	PASS
2806.001	V	-80.18	17.10	-63.08	-47	-16.08	PASS
4995.640	V	-78.09	15.39	-62.70	-47	-15.70	PASS
6265.407	V	-80.52	10.21	-70.31	-47	-23.31	PASS
1517.599	H	-73.61	10.13	-63.48	-47	-16.48	PASS
2821.754	H	-79.59	13.72	-65.87	-47	-18.87	PASS
4874.253	H	-72.60	18.33	-54.27	-47	-7.27	PASS
9679.654	H	-78.83	16.43	-62.40	-47	-15.40	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)	
40.373	H	-73.07	8.22	-64.85	-57	-7.85	PASS
56.056	H	-79.47	3.16	-76.31	-57	-19.31	PASS
345.388	H	-79.98	4.86	-75.12	-57	-18.12	PASS
519.913	H	-75.53	9.14	-66.39	-57	-9.39	PASS
39.169	V	-76.03	8.05	-67.98	-57	-10.98	PASS
53.476	V	-72.22	6.25	-65.97	-57	-8.97	PASS
275.002	V	-75.69	1.14	-74.55	-57	-17.55	PASS
589.202	V	-73.23	2.17	-71.06	-57	-14.06	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)	
1310.091	V	-80.11	18.85	-61.26	-47	-14.26	PASS
3649.267	V	-74.67	17.02	-57.65	-47	-10.65	PASS
4954.654	V	-79.11	12.12	-66.99	-47	-19.99	PASS
9106.987	V	-78.50	15.50	-63.00	-47	-16.00	PASS
1330.117	H	-79.55	13.68	-65.87	-47	-18.87	PASS
3692.205	H	-75.88	15.75	-60.13	-47	-13.13	PASS
5468.079	H	-73.36	14.79	-58.57	-47	-11.57	PASS
9614.983	H	-76.68	18.96	-57.72	-47	-10.72	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)	
41.769	H	-73.52	1.43	-72.09	-57	-15.09	PASS
55.924	H	-78.33	2.96	-75.37	-57	-18.37	PASS
310.268	H	-75.05	2.14	-72.91	-57	-15.91	PASS
646.786	H	-80.65	1.93	-78.72	-57	-21.72	PASS
39.108	V	-78.43	4.76	-73.67	-57	-16.67	PASS
62.046	V	-78.98	7.02	-71.96	-57	-14.96	PASS
339.477	V	-76.86	5.29	-71.57	-57	-14.57	PASS
608.198	V	-73.73	5.55	-68.18	-57	-11.18	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)	
1243.974	V	-77.48	16.38	-61.10	-47	-14.10	PASS
3738.948	V	-78.22	14.81	-63.41	-47	-16.41	PASS
5489.737	V	-78.67	10.11	-68.56	-47	-21.56	PASS
9242.555	V	-77.27	15.39	-61.88	-47	-14.88	PASS
1101.883	H	-81.47	11.26	-70.21	-47	-23.21	PASS
3338.028	H	-72.45	15.22	-57.23	-47	-10.23	PASS
5922.322	H	-72.75	12.40	-60.35	-47	-13.35	PASS
8418.033	H	-75.02	17.82	-57.20	-47	-10.20	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)	
33.786	H	-78.78	4.79	-73.99	-57	-16.99	PASS
69.328	H	-76.75	5.14	-71.61	-57	-14.61	PASS
394.710	H	-77.80	7.84	-69.96	-57	-12.96	PASS
567.693	H	-73.89	3.77	-70.12	-57	-13.12	PASS
45.446	V	-72.57	2.71	-69.86	-57	-12.86	PASS
89.197	V	-80.56	8.36	-72.20	-57	-15.20	PASS
235.220	V	-78.21	2.07	-76.14	-57	-19.14	PASS
629.412	V	-81.04	6.98	-74.06	-57	-17.06	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)	
1381.580	V	-81.14	17.41	-63.73	-47	-16.73	PASS
2596.994	V	-73.78	15.52	-58.26	-47	-11.26	PASS
5883.300	V	-75.26	11.12	-64.14	-47	-17.14	PASS
8435.711	V	-73.85	12.66	-61.19	-47	-14.19	PASS
1251.751	H	-80.59	17.46	-63.13	-47	-16.13	PASS
3024.203	H	-77.53	10.74	-66.79	-47	-19.79	PASS
5249.905	H	-78.29	18.43	-59.86	-47	-12.86	PASS
8383.435	H	-78.14	13.99	-64.15	-47	-17.15	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)	
42.640	H	-74.62	3.32	-71.30	-57	-14.30	PASS
80.551	H	-74.76	4.45	-70.31	-57	-13.31	PASS
214.346	H	-79.13	8.07	-71.06	-57	-14.06	PASS
545.778	H	-80.94	2.02	-78.92	-57	-21.92	PASS
37.181	V	-73.82	6.17	-67.65	-57	-10.65	PASS
63.051	V	-78.85	4.42	-74.43	-57	-17.43	PASS
112.284	V	-80.81	3.86	-76.95	-57	-19.95	PASS
547.004	V	-80.23	7.17	-73.06	-57	-16.06	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)	
1622.968	V	-72.70	16.63	-56.07	-47	-9.07	PASS
2532.635	V	-77.89	10.68	-67.21	-47	-20.21	PASS
4587.598	V	-77.37	15.77	-61.60	-47	-14.60	PASS
7762.554	V	-79.35	10.42	-68.93	-47	-21.93	PASS
1247.387	H	-75.67	10.98	-64.69	-47	-17.69	PASS
3301.219	H	-72.55	13.59	-58.96	-47	-11.96	PASS
4419.953	H	-81.13	11.99	-69.14	-47	-22.14	PASS
6441.552	H	-78.44	18.65	-59.79	-47	-12.79	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)	
37.872	H	-75.39	2.23	-73.16	-57	-16.16	PASS
78.280	H	-77.11	5.25	-71.86	-57	-14.86	PASS
359.402	H	-78.02	4.61	-73.41	-57	-16.41	PASS
676.304	H	-79.73	7.09	-72.64	-57	-15.64	PASS
36.144	V	-77.08	6.91	-70.17	-57	-13.17	PASS
58.658	V	-74.98	4.18	-70.80	-57	-13.80	PASS
254.384	V	-78.18	7.26	-70.92	-57	-13.92	PASS
681.266	V	-73.97	9.09	-64.88	-57	-7.88	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)	
1601.376	V	-73.43	13.99	-59.44	-47	-12.44	PASS
2317.142	V	-75.10	13.19	-61.91	-47	-14.91	PASS
5510.777	V	-72.61	16.29	-56.32	-47	-9.32	PASS
8508.098	V	-81.86	12.08	-69.78	-47	-22.78	PASS
1453.181	H	-73.69	13.52	-60.17	-47	-13.17	PASS
4046.567	H	-75.12	15.86	-59.26	-47	-12.26	PASS
5832.819	H	-74.46	18.10	-56.36	-47	-9.36	PASS
6110.182	H	-74.59	13.35	-61.24	-47	-14.24	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 20M QPSK 30M-1G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
46.265	H	-75.23	2.06	-73.17	-57	-16.17	PASS
78.876	H	-78.86	1.12	-77.74	-57	-20.74	PASS
109.104	H	-76.99	9.49	-67.50	-57	-10.50	PASS
536.464	H	-74.87	1.29	-73.58	-57	-16.58	PASS
36.390	V	-79.64	4.61	-75.03	-57	-18.03	PASS
56.755	V	-81.99	2.72	-79.27	-57	-22.27	PASS
123.196	V	-80.27	5.02	-75.25	-57	-18.25	PASS
608.699	V	-75.27	1.36	-73.91	-57	-16.91	PASS

Remark:

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

Band 8 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)	
1183.954	V	-78.01	10.42	-67.59	-47	-20.59	PASS
4108.108	V	-74.25	18.33	-55.92	-47	-8.92	PASS
5424.836	V	-76.13	15.14	-60.99	-47	-13.99	PASS
8521.907	V	-79.80	14.55	-65.25	-47	-18.25	PASS
1445.212	H	-77.63	16.44	-61.19	-47	-14.19	PASS
2221.580	H	-77.98	12.33	-65.65	-47	-18.65	PASS
4332.678	H	-79.63	17.20	-62.43	-47	-15.43	PASS
7614.672	H	-73.76	15.07	-58.69	-47	-11.69	PASS

Remark:

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

Band 8 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)	
35.484	H	-81.65	2.36	-79.29	-57	-22.29	PASS
66.433	H	-80.73	2.10	-78.63	-57	-21.63	PASS
234.131	H	-80.47	7.63	-72.84	-57	-15.84	PASS
522.242	H	-76.39	1.04	-75.35	-57	-18.35	PASS
43.654	V	-73.23	5.90	-67.33	-57	-10.33	PASS
58.713	V	-77.82	7.33	-70.49	-57	-13.49	PASS
344.939	V	-75.06	7.73	-67.33	-57	-10.33	PASS
664.567	V	-73.68	8.61	-65.07	-57	-8.07	PASS

Remark:

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

Band 8 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)	
1113.660	V	-81.15	18.89	-62.26	-47	-15.26	PASS
3164.895	V	-76.02	11.72	-64.30	-47	-17.30	PASS
4931.342	V	-75.07	15.27	-59.80	-47	-12.80	PASS
6855.722	V	-80.51	14.52	-65.99	-47	-18.99	PASS
1456.673	H	-74.75	16.53	-58.22	-47	-11.22	PASS
2715.037	H	-77.93	12.57	-65.36	-47	-18.36	PASS
4397.117	H	-79.46	17.99	-61.47	-47	-14.47	PASS
7285.489	H	-75.60	11.79	-63.81	-47	-16.81	PASS

Remark:

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

Band 8 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)	
43.965	H	-72.91	7.11	-65.80	-57	-8.80	PASS
66.662	H	-79.69	1.38	-78.31	-57	-21.31	PASS
197.392	H	-72.98	4.16	-68.82	-57	-11.82	PASS
659.453	H	-74.82	1.30	-73.52	-57	-16.52	PASS
44.618	V	-78.83	7.48	-71.35	-57	-14.35	PASS
98.492	V	-80.24	8.41	-71.83	-57	-14.83	PASS
200.041	V	-75.56	7.03	-68.53	-57	-11.53	PASS
686.955	V	-74.38	8.56	-65.82	-57	-8.82	PASS

Remark:

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

Band 8 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)	
1248.107	V	-72.90	14.55	-58.35	-47	-11.35	PASS
4102.395	V	-75.08	13.52	-61.56	-47	-14.56	PASS
5773.532	V	-73.74	11.08	-62.66	-47	-15.66	PASS
6508.518	V	-81.70	18.49	-63.21	-47	-16.21	PASS
1341.520	H	-72.67	17.39	-55.28	-47	-8.28	PASS
3647.757	H	-72.17	11.92	-60.25	-47	-13.25	PASS
5109.197	H	-73.87	10.24	-63.63	-47	-16.63	PASS
8425.804	H	-79.32	12.33	-66.99	-47	-19.99	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 20M, 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)	
45.181	H	-76.37	1.95	-74.42	-57	-17.42	PASS
77.652	H	-74.81	9.17	-65.64	-57	-8.64	PASS
226.281	H	-81.70	2.19	-79.51	-57	-22.51	PASS
518.125	H	-75.46	3.02	-72.44	-57	-15.44	PASS
38.890	V	-81.37	4.70	-76.67	-57	-19.67	PASS
61.713	V	-80.69	9.30	-71.39	-57	-14.39	PASS
337.030	V	-76.04	6.00	-70.04	-57	-13.04	PASS
684.154	V	-79.91	7.08	-72.83	-57	-15.83	PASS

Remark:

- 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)	
1346.124	V	-79.72	14.38	-65.34	-47	-18.34	PASS
4001.762	V	-75.10	12.15	-62.95	-47	-15.95	PASS
4619.114	V	-75.09	14.29	-60.80	-47	-13.80	PASS
9549.127	V	-81.47	13.66	-67.81	-47	-20.81	PASS
1302.294	H	-72.09	14.23	-57.86	-47	-10.86	PASS
2459.716	H	-73.48	15.03	-58.45	-47	-11.45	PASS
5479.061	H	-72.79	15.00	-57.79	-47	-10.79	PASS
8239.953	H	-81.12	14.06	-67.06	-47	-20.06	PASS

Remark:

- 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)	
35.515	H	-75.27	7.41	-67.86	-57	-10.86	PASS
69.888	H	-75.87	6.46	-69.41	-57	-12.41	PASS
112.477	H	-75.22	6.21	-69.01	-57	-12.01	PASS
683.439	H	-81.98	9.05	-72.93	-57	-15.93	PASS
39.533	V	-79.54	5.86	-73.68	-57	-16.68	PASS
76.094	V	-81.63	3.51	-78.12	-57	-21.12	PASS
267.720	V	-75.41	7.57	-67.84	-57	-10.84	PASS
622.939	V	-74.04	2.11	-71.93	-57	-14.93	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)	
1119.513	V	-72.56	18.46	-54.10	-47	-7.10	PASS
3415.041	V	-79.66	10.33	-69.33	-47	-22.33	PASS
4516.352	V	-74.90	14.80	-60.10	-47	-13.10	PASS
8844.329	V	-78.94	16.87	-62.07	-47	-15.07	PASS
1324.019	H	-80.19	10.84	-69.35	-47	-22.35	PASS
3126.564	H	-74.05	16.05	-58.00	-47	-11.00	PASS
4735.319	H	-77.32	11.78	-65.54	-47	-18.54	PASS
8154.633	H	-73.07	12.91	-60.16	-47	-13.16	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)	
45.307	H	-78.86	9.90	-68.96	-57	-11.96	PASS
86.620	H	-73.53	2.17	-71.36	-57	-14.36	PASS
388.921	H	-76.02	9.05	-66.97	-57	-9.97	PASS
614.982	H	-75.23	2.28	-72.95	-57	-15.95	PASS
38.959	V	-78.71	1.31	-77.40	-57	-20.40	PASS
62.013	V	-81.58	5.24	-76.34	-57	-19.34	PASS
179.641	V	-80.28	9.49	-70.79	-57	-13.79	PASS
556.328	V	-77.61	9.41	-68.20	-57	-11.20	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)	
1215.813	V	-81.18	14.75	-66.43	-47	-19.43	PASS
3522.468	V	-72.79	13.20	-59.59	-47	-12.59	PASS
5385.333	V	-76.62	17.01	-59.61	-47	-12.61	PASS
7691.121	V	-72.53	11.29	-61.24	-47	-14.24	PASS
1327.109	H	-74.58	10.11	-64.47	-47	-17.47	PASS
3676.980	H	-78.39	18.78	-59.61	-47	-12.61	PASS
5241.164	H	-77.79	14.89	-62.90	-47	-15.90	PASS
6849.025	H	-79.35	12.24	-67.11	-47	-20.11	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.

Band 40 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)	
33.763	H	-75.32	6.71	-68.61	-57	-11.61	PASS
76.537	H	-74.34	1.40	-72.94	-57	-15.94	PASS
175.096	H	-76.23	7.16	-69.07	-57	-12.07	PASS
647.185	H	-72.54	1.79	-70.75	-57	-13.75	PASS
43.840	V	-72.49	9.08	-63.41	-57	-6.41	PASS
52.968	V	-78.00	8.96	-69.04	-57	-12.04	PASS
319.336	V	-79.50	3.36	-76.14	-57	-19.14	PASS
559.797	V	-75.74	8.51	-67.23	-57	-10.23	PASS

Remark:

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

Band 40 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)	
1554.213	V	-72.08	14.66	-57.42	-47	-10.42	PASS
3838.947	V	-76.97	11.72	-65.25	-47	-18.25	PASS
4790.142	V	-75.13	14.16	-60.97	-47	-13.97	PASS
6830.793	V	-73.85	12.10	-61.75	-47	-14.75	PASS
1309.513	H	-78.22	10.85	-67.37	-47	-20.37	PASS
2422.902	H	-75.15	10.95	-64.20	-47	-17.20	PASS
4035.996	H	-72.19	10.93	-61.26	-47	-14.26	PASS
7511.963	H	-78.32	16.55	-61.77	-47	-14.77	PASS

Remark:

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

Band 40 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)	
34.281	H	-73.85	4.93	-68.92	-57	-11.92	PASS
93.436	H	-78.62	2.60	-76.02	-57	-19.02	PASS
274.193	H	-79.10	1.93	-77.17	-57	-20.17	PASS
628.822	H	-76.97	4.64	-72.33	-57	-15.33	PASS
33.296	V	-75.16	4.00	-71.16	-57	-14.16	PASS
59.825	V	-74.16	9.70	-64.46	-57	-7.46	PASS
388.485	V	-79.84	5.26	-74.58	-57	-17.58	PASS
517.674	V	-81.97	3.58	-78.39	-57	-21.39	PASS

Remark:

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

Band 40 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)	
1647.452	V	-74.09	14.98	-59.11	-47	-12.11	PASS
3154.630	V	-81.92	11.26	-70.66	-47	-23.66	PASS
5153.041	V	-78.74	13.88	-64.86	-47	-17.86	PASS
7088.037	V	-79.65	12.89	-66.76	-47	-19.76	PASS
1456.868	H	-77.19	18.77	-58.42	-47	-11.42	PASS
2524.504	H	-77.45	10.08	-67.37	-47	-20.37	PASS
4261.752	H	-76.27	10.47	-65.80	-47	-18.80	PASS
7647.155	H	-74.79	14.38	-60.41	-47	-13.41	PASS

Remark:

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



Band 40 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)	
43.786	H	-78.65	5.86	-72.79	-57	-15.79	PASS
60.203	H	-81.18	2.08	-79.10	-57	-22.10	PASS
292.340	H	-79.21	6.08	-73.13	-57	-16.13	PASS
548.939	H	-73.85	5.79	-68.06	-57	-11.06	PASS
38.811	V	-72.04	9.36	-62.68	-57	-5.68	PASS
69.212	V	-72.90	5.55	-67.35	-57	-10.35	PASS
108.276	V	-77.51	1.84	-75.67	-57	-18.67	PASS
551.577	V	-74.64	5.27	-69.37	-57	-12.37	PASS

Remark:

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

Band 40 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)	
1176.745	V	-74.88	11.26	-63.62	-47	-16.62	PASS
4134.802	V	-78.90	17.65	-61.25	-47	-14.25	PASS
4693.287	V	-77.40	15.33	-62.07	-47	-15.07	PASS
7904.560	V	-72.72	13.49	-59.23	-47	-12.23	PASS
1479.646	H	-77.53	13.97	-63.56	-47	-16.56	PASS
3579.608	H	-80.29	18.00	-62.29	-47	-15.29	PASS
4234.317	H	-78.49	15.00	-63.49	-47	-16.49	PASS
9534.396	H	-75.88	17.03	-58.85	-47	-11.85	PASS

Remark:

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

Note: The test band 40 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	-44.45	-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"> <li>-16,6 for UEs not supporting enhanced receiver performance type 1 for DCH</li> <li>-19,6 for UEs supporting enhanced receiver performance type 1 for DCH</li> </ul> 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

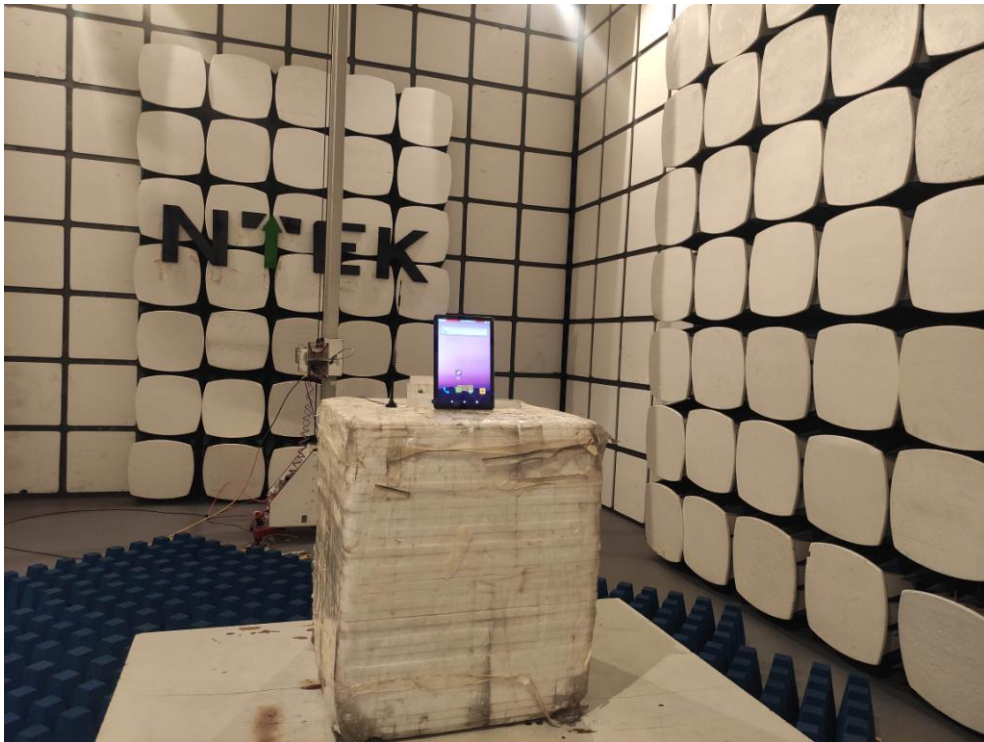
Test Result: Pass.

## **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