



# **RADIO TEST REPORT**

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

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

**Product :** Mobile Phone

**Trade Mark :** Blackview

**Model Name :** BV8800

**Family Model :** N/A

**Report No. :** STR211129004008E

### **Prepared for**

DOKE COMMUNICATION (HK) LIMITED.

RM 1902 EASEY COMM BLDG 253-261 HENNESSY ROAD WANCHAI HK,  
CHINA.

### **Prepared by**

Shenzhen NTEK Testing Technology Co., Ltd.

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

Tel. 400-800-6106, 0755-2320 0050, 0755-2320 0090

Website: <http://www.ntek.org.cn>

**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 ..... : Mobile Phone

Trademark ..... : Blackview

Model Name ..... : BV8800

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.

This report shall not be reproduced except in full, without the written approval of NTEK, this document may be altered or revised by NTEK, personnel only, and shall be noted in the revision of the document.

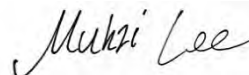
**Date of Test** .....

Date (s) of performance of tests ..... Nov 29. 2021 ~ Dec 29. 2021

Date of Issue..... Dec 29. 2021

Test Result..... **Pass**

Testing Engineer :



(Mukzi Lee)

Authorized Signatory :



(Alex Li)

**Table of Contents** **Page**

<b>1.SUMMARY OF TEST RESULTS.....</b>	<b>5</b>
1.1 TEST FACILITY.....	6
1.2 MEASUREMENT UNCERTAINTY .....	6
<b>2.GENERAL INFORMATION.....</b>	<b>7</b>
2.1 GENERAL DESCRIPTION OF EUT.....	7
2.2 LIST OF TEST EQUIPMENTS .....	8
2.3 TEST ENVIRONMENT/CONDITIONS .....	9
2.4 TEST MODE.....	9
2.5 TEST SETUP.....	14
<b>3. SUMMARY OF THE REPORT .....</b>	<b>15</b>
3.1 TERMS IN THE COLUMN “VERDICT” FOR THE TEST RESULTS LIST OF THISSECTION: .....	15
<b>D.1. RADIATED SPURIOUS EMISSIONS. ....</b>	<b>20</b>
<b>D.2. CONTROL AND MONITORING FUNCTIONS (UE) .....</b>	<b>122</b>
<b>D.3. OUT-OF-SYNCHRONIZATION HANDLING OF OUTPUT POWER .....</b>	<b>123</b>
<b>PHOTOGRAPHS OF THE TEST SETUP.....</b>	<b>126</b>

**Revision History**

Report No.	Version	Description	Issued Date
STR211129004008E	Rev.01	Initial issue of report	Dec 29. 2021

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

## 2.GENERAL INFORMATION

### 2.1 GENERAL DESCRIPTION OF EUT

Equipment	Mobile Phone
Trade Mark	Blackview
Model Name	BV8800
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
SIM CARD :	SIM 1 and SIM 2 is a chipset unit and tested as a single chipset. The SIM 1 is chosen for test.
Modulation Mode:	QPSK, 16QAM
Adapter	Model: QA-0300CE03 Input: AC 100-240V~50/60Hz 0.8A Output: DC 5.0V---3.0A or DC 9.0V---3.0A or DC 12.0V---2.5A or DC 15.0V---2.0A or DC 20.0V---1.5A
Battery	DC 3.85V, 8380mAh, 32.263Wh
Rating	DC 3.85V from battery or DC 5V from Adapter.
Antenna:	PIFA Antenna
Antenna Gain:	1.02dBi
Hardware Version	TE926_MAIN_PCB_V1.1
Software Version	BV8800_EEA_TE926_V1.0

**2.2 LIST OF TEST EQUIPMENTS**

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Spectrum Analyzer	Agilent	E4407B	MY45108040	2021.04.27	2022.04.26	1 year
2	Test Receiver	R&S	ESPI7	101318	2021.04.27	2022.04.26	1 year
3	Bilog Antenna	TESEQ	CBL6111D	31216	2021.03.29	2022.03.28	1 year
4	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2020.05.11	2023.05.10	3 year
5	Spectrum Analyzer	Agilent	N9020A	MY46471732	2021.04.27	2022.04.26	1 year
6	Horn Antenna	EM	EM-AH-20180	2011071402	2021.03.29	2022.03.28	1 year
7	Horn Ant	Schwarzbeck	BBHA 9170	9170-181	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	2021.04.27	2022.04.26	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	2021.03.29	2022.03.28	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	2021.04.27	2022.04.26	1 year
16	Spectrum Analyzer	R&S	FSV40	101417	2021.07.01	2022.06.30	1 year



**2.3 TEST ENVIRONMENT/CONDITIONS**

Normal Temperature (NT):	15 ... 35 °C		
Relative Humidity:	30 ... 75 %		
Air Pressure:	980 ... 1020 hPa		
Details of Power Supply:	DC 3.85V		
Extreme Temperature:	Low Temperature (LT)	=	-10°C
	High Temperature (HT)	=	35°C
Extreme Voltage of the EUT (Declared by manufacturer):	Normal Voltage (NV)	=	DC 3.85V
	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

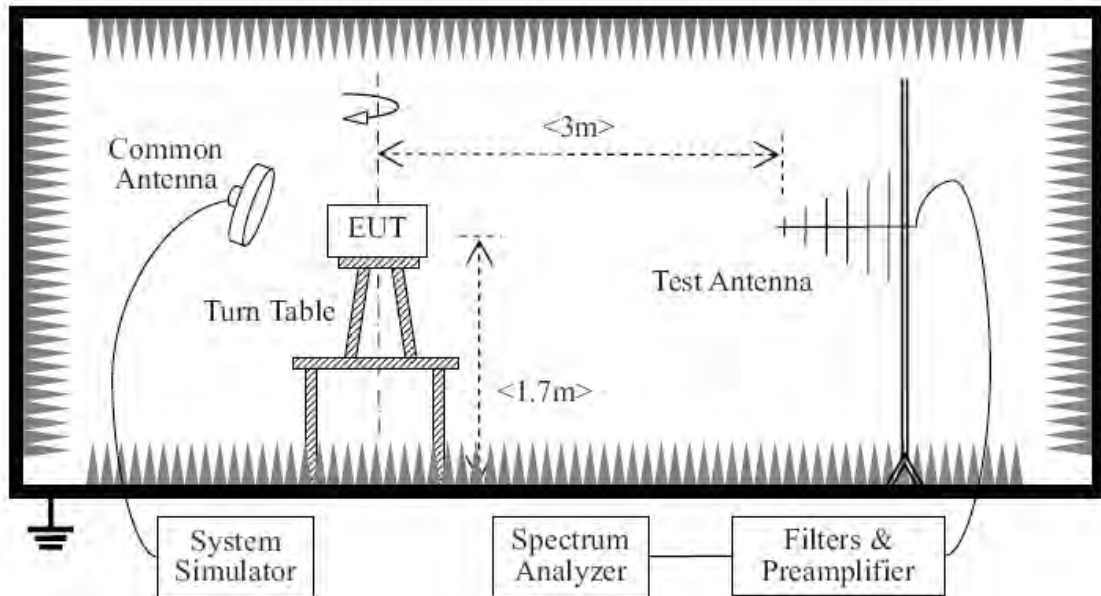
Table 2

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**

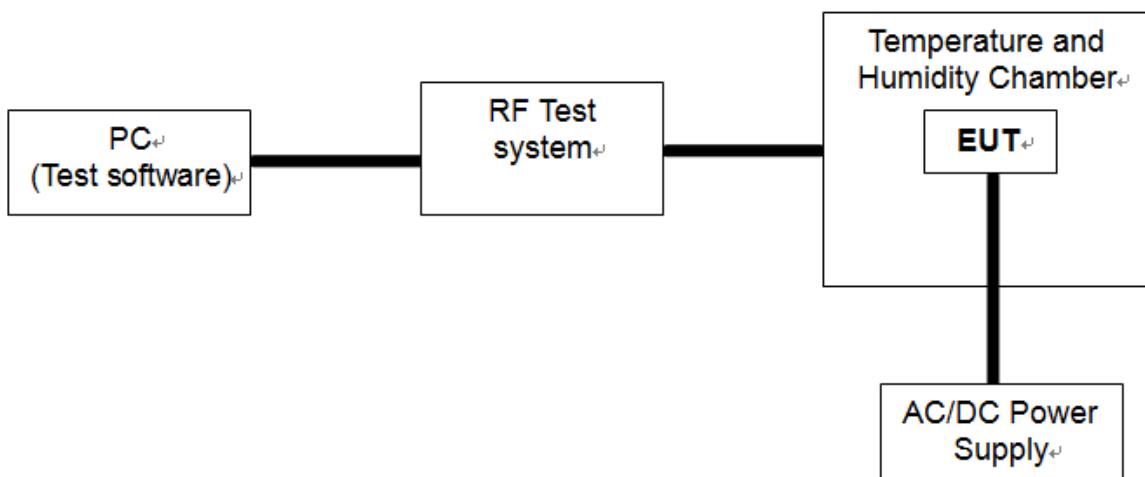
**1. Radiated Spurious Emission Test Setup**



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

**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
44.855	-59.83	9.59	-50.24	-36	-14.24	PASS
75.131	-53.88	9.05	-44.83	-36	-8.83	PASS
139.276	-58.87	8.52	-50.35	-36	-14.35	PASS
632.416	-55.07	9.77	-45.30	-36	-9.30	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
1375.685	-60.58	10.99	-49.59	-30	-19.59	PASS
3738.981	-54.07	16.25	-37.82	-30	-7.82	PASS
4346.557	-61.52	16.36	-45.16	-30	-15.16	PASS
8962.539	-61.99	18.11	-43.88	-30	-13.88	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)	
37.311	-51.43	2.83	-48.60	-36	-12.60	PASS
54.386	-53.60	3.29	-50.31	-36	-14.31	PASS
239.026	-57.27	4.51	-52.76	-36	-16.76	PASS
613.414	-57.64	5.07	-52.57	-36	-16.57	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)	
1116.187	-55.02	16.30	-38.72	-30	-8.72	PASS
2922.869	-60.54	13.34	-47.20	-30	-17.20	PASS
5262.766	-60.79	14.21	-46.58	-30	-16.58	PASS
6859.616	-59.48	11.45	-48.03	-30	-18.03	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)	
35.956	-56.72	8.84	-47.88	-36	-11.88	PASS
53.536	-57.70	8.28	-49.42	-36	-13.42	PASS
206.019	-50.39	2.26	-48.13	-36	-12.13	PASS
605.698	-55.38	2.54	-52.84	-36	-16.84	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)	
1302.152	-59.61	18.32	-41.29	-30	-11.29	PASS
2349.320	-53.54	14.11	-39.43	-30	-9.43	PASS
4614.117	-61.52	15.70	-45.82	-30	-15.82	PASS
8637.303	-59.54	12.85	-46.69	-30	-16.69	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)	
37.786	-52.05	8.26	-43.79	-36	-7.79	PASS
87.353	-56.50	3.00	-53.50	-36	-17.50	PASS
365.854	-56.43	1.91	-54.52	-36	-18.52	PASS
603.843	-51.46	1.44	-50.02	-36	-14.02	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)	
1387.450	-55.59	16.83	-38.76	-30	-8.76	PASS
4004.098	-56.21	16.26	-39.95	-30	-9.95	PASS
4509.490	-57.94	16.22	-41.72	-30	-11.72	PASS
9362.914	-54.48	16.13	-38.35	-30	-8.35	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)	
43.272	-55.94	3.14	-52.80	-36	-16.80	PASS
95.968	-58.93	3.12	-55.81	-36	-19.81	PASS
251.919	-53.30	6.87	-46.43	-36	-10.43	PASS
608.532	-59.76	5.98	-53.78	-36	-17.78	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)	
1172.016	-56.62	10.86	-45.76	-30	-15.76	PASS
4185.824	-61.65	14.68	-46.97	-30	-16.97	PASS
4334.438	-57.51	14.49	-43.02	-30	-13.02	PASS
9212.272	-62.70	17.93	-44.77	-30	-14.77	PASS

Remark:

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



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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
38.268	-50.01	9.14	-40.87	-36	-4.87	PASS
60.722	-58.79	5.49	-53.30	-36	-17.30	PASS
165.879	-58.26	1.56	-56.70	-36	-20.70	PASS
520.068	-59.56	6.08	-53.48	-36	-17.48	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)	
1279.361	-56.66	16.12	-40.54	-30	-10.54	PASS
2689.317	-54.01	12.46	-41.55	-30	-11.55	PASS
5614.859	-58.36	15.31	-43.05	-30	-13.05	PASS
6904.970	-54.52	18.43	-36.09	-30	-6.09	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)	
41.694	-50.19	1.59	-48.60	-36	-12.60	PASS
97.358	-54.10	3.93	-50.17	-36	-14.17	PASS
299.370	-58.47	8.09	-50.38	-36	-14.38	PASS
518.567	-54.92	4.51	-50.41	-36	-14.41	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)	
1352.142	-58.30	18.17	-40.13	-30	-10.13	PASS
3657.868	-53.49	16.94	-36.55	-30	-6.55	PASS
4835.047	-55.94	14.85	-41.09	-30	-11.09	PASS
8331.742	-58.34	15.67	-42.67	-30	-12.67	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)	
46.898	-50.93	2.69	-48.24	-36	-12.24	PASS
52.014	-50.80	5.41	-45.39	-36	-9.39	PASS
331.717	-50.42	4.19	-46.23	-36	-10.23	PASS
561.890	-58.26	9.59	-48.67	-36	-12.67	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)	
1166.295	-59.54	17.56	-41.98	-30	-11.98	PASS
3926.322	-61.23	15.28	-45.95	-30	-15.95	PASS
5972.608	-56.12	10.15	-45.97	-30	-15.97	PASS
9508.387	-60.80	16.36	-44.44	-30	-14.44	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)	
42.700	-54.87	5.94	-48.93	-36	-12.93	PASS
83.197	-52.46	5.35	-47.11	-36	-11.11	PASS
276.152	-54.71	9.06	-45.65	-36	-9.65	PASS
625.665	-53.29	4.79	-48.50	-36	-12.50	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)	
1605.586	-58.49	16.64	-41.85	-30	-11.85	PASS
3732.791	-62.01	18.47	-43.54	-30	-13.54	PASS
5836.109	-56.72	18.56	-38.16	-30	-8.16	PASS
8452.183	-60.58	10.43	-50.15	-30	-20.15	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)	
46.793	-59.66	9.83	-49.83	-36	-13.83	PASS
99.332	-55.48	9.81	-45.67	-36	-9.67	PASS
340.377	-56.64	9.63	-47.01	-36	-11.01	PASS
520.445	-54.98	9.64	-45.34	-36	-9.34	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)	
1537.341	-60.91	12.55	-48.36	-30	-18.36	PASS
2598.680	-58.26	17.74	-40.52	-30	-10.52	PASS
4344.672	-61.82	16.11	-45.71	-30	-15.71	PASS
7917.501	-53.72	13.42	-40.30	-30	-10.30	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)	
42.202	-52.29	7.58	-44.71	-36	-8.71	PASS
70.863	-58.13	1.38	-56.75	-36	-20.75	PASS
333.411	-58.79	2.08	-56.71	-36	-20.71	PASS
686.685	-59.69	7.36	-52.33	-36	-16.33	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)	
1362.510	-54.33	17.04	-37.29	-30	-7.29	PASS
3664.594	-58.89	13.94	-44.95	-30	-14.95	PASS
4108.105	-59.22	10.81	-48.41	-30	-18.41	PASS
6953.478	-57.89	17.99	-39.90	-30	-9.90	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)	
41.432	-59.11	4.10	-55.01	-36	-19.01	PASS
75.228	-50.98	5.17	-45.81	-36	-9.81	PASS
212.801	-53.12	5.80	-47.32	-36	-11.32	PASS
520.361	-56.80	9.32	-47.48	-36	-11.48	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)	
1537.692	-56.16	13.38	-42.78	-30	-12.78	PASS
3120.748	-53.13	12.38	-40.75	-30	-10.75	PASS
4176.889	-59.63	13.13	-46.50	-30	-16.50	PASS
7443.811	-53.42	15.17	-38.25	-30	-8.25	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
37.347	-58.62	3.51	-55.11	-36	-19.11	PASS
70.366	-56.00	8.78	-47.22	-36	-11.22	PASS
275.123	-57.23	2.63	-54.60	-36	-18.60	PASS
514.611	-53.05	4.96	-48.09	-36	-12.09	PASS

Remark:

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

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

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1456.427	-58.13	17.57	-40.56	-30	-10.56	PASS
3286.084	-58.70	12.46	-46.24	-30	-16.24	PASS
5844.882	-53.03	18.24	-34.79	-30	-4.79	PASS
6206.839	-59.37	11.87	-47.50	-30	-17.50	PASS

Remark:

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



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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
42.276	-52.85	5.68	-47.17	-36	-11.17	PASS
54.051	-58.73	4.14	-54.59	-36	-18.59	PASS
192.483	-56.32	7.36	-48.96	-36	-12.96	PASS
526.736	-57.10	4.89	-52.21	-36	-16.21	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1429.679	-53.50	17.79	-35.71	-30	-5.71	PASS
4196.891	-54.72	18.29	-36.43	-30	-6.43	PASS
4397.169	-56.04	18.91	-37.13	-30	-7.13	PASS
7386.489	-58.74	16.70	-42.04	-30	-12.04	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)	
34.888	-57.31	8.56	-48.75	-36	-12.75	PASS
95.792	-58.55	6.31	-52.24	-36	-16.24	PASS
252.425	-57.03	6.77	-50.26	-36	-14.26	PASS
676.137	-59.59	7.95	-51.64	-36	-15.64	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)	
1361.709	-62.61	11.46	-51.15	-30	-21.15	PASS
3081.207	-58.22	12.03	-46.19	-30	-16.19	PASS
4093.822	-62.69	16.34	-46.35	-30	-16.35	PASS
6183.621	-60.37	13.79	-46.58	-30	-16.58	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)	
34.546	-57.02	4.78	-52.24	-36	-16.24	PASS
99.218	-50.28	7.88	-42.40	-36	-6.40	PASS
341.381	-57.76	6.84	-50.92	-36	-14.92	PASS
528.597	-54.16	1.68	-52.48	-36	-16.48	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)	
1207.042	-60.13	17.54	-42.59	-30	-12.59	PASS
3151.894	-58.19	10.19	-48.00	-30	-18.00	PASS
4568.460	-56.21	10.57	-45.64	-30	-15.64	PASS
8621.953	-60.64	10.29	-50.35	-30	-20.35	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)	
47.331	-51.32	1.93	-49.39	-36	-13.39	PASS
52.051	-52.23	7.67	-44.56	-36	-8.56	PASS
364.966	-59.44	3.22	-56.22	-36	-20.22	PASS
680.724	-51.94	9.74	-42.20	-36	-6.20	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)	
1632.979	-57.27	10.26	-47.01	-30	-17.01	PASS
4129.987	-53.28	14.76	-38.52	-30	-8.52	PASS
5008.683	-55.57	10.57	-45.00	-30	-15.00	PASS
8361.624	-55.12	14.07	-41.05	-30	-11.05	PASS

Remark:

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

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

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
39.337	-50.09	2.09	-48.00	-36	-12.00	PASS
60.756	-52.26	7.48	-44.78	-36	-8.78	PASS
363.617	-55.57	3.09	-52.48	-36	-16.48	PASS
560.825	-55.27	6.04	-49.23	-36	-13.23	PASS

Remark:

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

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

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1513.722	-62.33	17.44	-44.89	-30	-14.89	PASS
4107.298	-53.90	16.45	-37.45	-30	-7.45	PASS
5274.348	-56.97	15.72	-41.25	-30	-11.25	PASS
7095.957	-59.82	17.00	-42.82	-30	-12.82	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 3 CH L 5M QPSK H 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
35.169	-57.16	5.66	-51.50	-36	-15.50	PASS
85.350	-54.59	3.32	-51.27	-36	-15.27	PASS
321.218	-59.32	3.92	-55.40	-36	-19.40	PASS
531.666	-57.80	5.61	-52.19	-36	-16.19	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
1268.481	-53.19	10.02	-43.17	-30	-13.17	PASS
3048.912	-53.80	10.22	-43.58	-30	-13.58	PASS
4252.234	-60.58	11.38	-49.20	-30	-19.20	PASS
9384.673	-56.85	15.68	-41.17	-30	-11.17	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)	
38.735	-50.51	2.83	-47.68	-36	-11.68	PASS
92.088	-56.47	2.23	-54.24	-36	-18.24	PASS
289.050	-52.18	5.60	-46.58	-36	-10.58	PASS
559.925	-58.96	1.73	-57.23	-36	-21.23	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)	
1625.379	-57.41	11.97	-45.44	-30	-15.44	PASS
4011.510	-53.32	12.23	-41.09	-30	-11.09	PASS
4780.765	-54.03	12.95	-41.08	-30	-11.08	PASS
6135.985	-54.61	17.02	-37.59	-30	-7.59	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)	
41.682	-55.50	5.37	-50.13	-36	-14.13	PASS
68.666	-59.66	9.19	-50.47	-36	-14.47	PASS
286.676	-59.73	8.54	-51.19	-36	-15.19	PASS
533.055	-50.78	4.07	-46.71	-36	-10.71	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)	
1328.282	-61.59	18.60	-42.99	-30	-12.99	PASS
2842.167	-59.92	11.07	-48.85	-30	-18.85	PASS
5408.225	-62.31	16.91	-45.40	-30	-15.40	PASS
9429.370	-62.80	15.97	-46.83	-30	-16.83	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)	
45.739	-59.97	4.70	-55.27	-36	-19.27	PASS
58.527	-57.32	7.47	-49.85	-36	-13.85	PASS
321.649	-55.40	9.74	-45.66	-36	-9.66	PASS
614.639	-56.75	5.32	-51.43	-36	-15.43	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)	
1518.355	-55.90	18.77	-37.13	-30	-7.13	PASS
2879.627	-62.57	18.44	-44.13	-30	-14.13	PASS
4955.108	-54.23	16.67	-37.56	-30	-7.56	PASS
7867.394	-57.14	10.72	-46.42	-30	-16.42	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)	
36.728	-51.35	8.26	-43.09	-36	-7.09	PASS
78.043	-59.97	5.02	-54.95	-36	-18.95	PASS
250.135	-55.18	8.00	-47.18	-36	-11.18	PASS
546.913	-54.89	6.16	-48.73	-36	-12.73	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)	
1214.071	-58.48	12.96	-45.52	-30	-15.52	PASS
3542.892	-59.28	14.15	-45.13	-30	-15.13	PASS
4650.264	-56.81	10.06	-46.75	-30	-16.75	PASS
7643.115	-61.09	17.77	-43.32	-30	-13.32	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)	
47.722	-54.87	6.53	-48.34	-36	-12.34	PASS
76.678	-51.85	5.22	-46.63	-36	-10.63	PASS
104.982	-53.91	6.45	-47.46	-36	-11.46	PASS
644.559	-50.07	5.85	-44.22	-36	-8.22	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)	
1247.475	-55.51	13.19	-42.32	-30	-12.32	PASS
2562.985	-54.38	18.02	-36.36	-30	-6.36	PASS
5935.797	-58.57	16.35	-42.22	-30	-12.22	PASS
6772.301	-62.76	17.13	-45.63	-30	-15.63	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
44.116	-59.87	4.19	-55.68	-36	-19.68	PASS
83.297	-51.80	2.81	-48.99	-36	-12.99	PASS
304.377	-52.00	6.72	-45.28	-36	-9.28	PASS
661.457	-51.07	8.93	-42.14	-36	-6.14	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
1466.717	-54.42	14.23	-40.19	-30	-10.19	PASS
3234.956	-58.67	11.88	-46.79	-30	-16.79	PASS
4903.765	-62.75	11.26	-51.49	-30	-21.49	PASS
6072.112	-59.37	16.82	-42.55	-30	-12.55	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)	
33.459	-53.84	8.35	-45.49	-36	-9.49	PASS
93.270	-51.02	9.73	-41.29	-36	-5.29	PASS
290.552	-54.82	8.69	-46.13	-36	-10.13	PASS
694.317	-59.16	2.50	-56.66	-36	-20.66	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)	
1317.610	-56.41	16.34	-40.07	-30	-10.07	PASS
3212.792	-55.20	13.89	-41.31	-30	-11.31	PASS
4450.439	-62.99	16.98	-46.01	-30	-16.01	PASS
6863.818	-56.66	15.81	-40.85	-30	-10.85	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)	
47.797	-58.30	1.57	-56.73	-36	-20.73	PASS
81.262	-56.56	7.52	-49.04	-36	-13.04	PASS
285.281	-53.07	7.77	-45.30	-36	-9.30	PASS
526.270	-56.38	7.39	-48.99	-36	-12.99	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)	
1341.004	-59.67	13.20	-46.47	-30	-16.47	PASS
3667.150	-55.46	17.09	-38.37	-30	-8.37	PASS
4037.986	-53.06	11.90	-41.16	-30	-11.16	PASS
7362.880	-54.13	12.00	-42.13	-30	-12.13	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)	
38.456	-53.05	7.04	-46.01	-36	-10.01	PASS
71.563	-56.68	4.04	-52.64	-36	-16.64	PASS
396.402	-53.79	2.44	-51.35	-36	-15.35	PASS
635.219	-50.83	10.00	-40.83	-36	-4.83	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)	
1546.993	-57.02	16.92	-40.10	-30	-10.10	PASS
3472.308	-57.21	11.92	-45.29	-30	-15.29	PASS
5562.230	-55.05	15.35	-39.70	-30	-9.70	PASS
8354.556	-61.81	12.61	-49.20	-30	-19.20	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)	
34.075	-50.53	9.76	-40.77	-36	-4.77	PASS
56.705	-52.54	1.34	-51.20	-36	-15.20	PASS
136.002	-55.99	9.81	-46.18	-36	-10.18	PASS
682.694	-54.88	9.68	-45.20	-36	-9.20	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)	
1193.707	-53.60	15.97	-37.63	-30	-7.63	PASS
3210.719	-58.73	10.67	-48.06	-30	-18.06	PASS
4565.983	-61.87	16.28	-45.59	-30	-15.59	PASS
7560.134	-56.04	18.17	-37.87	-30	-7.87	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)	
47.754	-58.29	7.49	-50.80	-36	-14.80	PASS
98.858	-59.07	8.95	-50.12	-36	-14.12	PASS
167.050	-58.88	4.47	-54.41	-36	-18.41	PASS
642.870	-55.06	2.62	-52.44	-36	-16.44	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)	
1600.057	-54.24	18.70	-35.54	-30	-5.54	PASS
2834.121	-62.29	15.50	-46.79	-30	-16.79	PASS
5016.004	-54.62	12.54	-42.08	-30	-12.08	PASS
9781.055	-58.15	18.59	-39.56	-30	-9.56	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)	
45.073	-59.63	2.53	-57.10	-36	-21.10	PASS
54.602	-53.78	7.41	-46.37	-36	-10.37	PASS
243.629	-52.29	7.58	-44.71	-36	-8.71	PASS
576.628	-50.62	8.15	-42.47	-36	-6.47	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)	
1546.981	-56.54	14.45	-42.09	-30	-12.09	PASS
4142.601	-60.28	17.43	-42.85	-30	-12.85	PASS
5353.551	-60.81	11.32	-49.49	-30	-19.49	PASS
6864.153	-59.98	12.47	-47.51	-30	-17.51	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)	
35.627	-58.60	5.37	-53.23	-36	-17.23	PASS
64.078	-55.73	3.76	-51.97	-36	-15.97	PASS
228.602	-57.06	4.92	-52.14	-36	-16.14	PASS
692.165	-54.18	1.24	-52.94	-36	-16.94	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)	
1230.745	-60.41	10.80	-49.61	-30	-19.61	PASS
3474.922	-55.27	12.91	-42.36	-30	-12.36	PASS
4556.193	-59.46	14.37	-45.09	-30	-15.09	PASS
6042.926	-62.09	10.98	-51.11	-30	-21.11	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)	
35.156	-52.22	4.48	-47.74	-36	-11.74	PASS
86.890	-56.07	2.10	-53.97	-36	-17.97	PASS
113.889	-53.87	9.90	-43.97	-36	-7.97	PASS
575.160	-52.74	1.63	-51.11	-36	-15.11	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)	
1646.568	-61.82	10.01	-51.81	-30	-21.81	PASS
4104.912	-60.73	16.11	-44.62	-30	-14.62	PASS
5551.263	-57.00	14.03	-42.97	-30	-12.97	PASS
8138.105	-57.17	15.19	-41.98	-30	-11.98	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)	
35.043	-55.07	4.19	-50.88	-36	-14.88	PASS
74.398	-58.40	4.09	-54.31	-36	-18.31	PASS
178.524	-51.16	7.91	-43.25	-36	-7.25	PASS
628.202	-58.99	9.16	-49.83	-36	-13.83	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)	
1229.589	-58.70	17.24	-41.46	-30	-11.46	PASS
4182.589	-57.66	10.36	-47.30	-30	-17.30	PASS
4170.589	-59.23	11.78	-47.45	-30	-17.45	PASS
8268.825	-59.99	17.73	-42.26	-30	-12.26	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)	
47.707	-53.47	1.74	-51.73	-36	-15.73	PASS
65.234	-51.07	5.05	-46.02	-36	-10.02	PASS
238.909	-58.84	9.47	-49.37	-36	-13.37	PASS
544.217	-52.83	9.65	-43.18	-36	-7.18	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)	
1237.359	-55.92	11.47	-44.45	-30	-14.45	PASS
3188.712	-61.40	11.40	-50.00	-30	-20.00	PASS
4490.681	-57.39	12.98	-44.41	-30	-14.41	PASS
8007.291	-61.62	10.50	-51.12	-30	-21.12	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)	
47.075	-57.29	2.16	-55.13	-36	-19.13	PASS
73.580	-59.17	4.62	-54.55	-36	-18.55	PASS
376.959	-56.11	8.56	-47.55	-36	-11.55	PASS
601.525	-51.87	5.63	-46.24	-36	-10.24	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)	
1485.082	-58.17	17.99	-40.18	-30	-10.18	PASS
2379.692	-59.54	10.27	-49.27	-30	-19.27	PASS
5148.185	-61.81	10.13	-51.68	-30	-21.68	PASS
7522.780	-60.24	11.64	-48.60	-30	-18.60	PASS

Remark:

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

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
38.607	-52.20	6.75	-45.45	-36	-9.45	PASS
90.790	-55.01	8.87	-46.14	-36	-10.14	PASS
256.135	-54.45	1.43	-53.02	-36	-17.02	PASS
546.140	-58.28	7.78	-50.50	-36	-14.50	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)	
1262.751	-57.79	18.24	-39.55	-30	-9.55	PASS
3123.698	-61.75	14.63	-47.12	-30	-17.12	PASS
5894.557	-60.74	16.18	-44.56	-30	-14.56	PASS
7258.190	-57.61	10.55	-47.06	-30	-17.06	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)	
42.096	-53.38	4.28	-49.10	-36	-13.10	PASS
56.257	-59.96	6.66	-53.30	-36	-17.30	PASS
383.742	-52.93	6.28	-46.65	-36	-10.65	PASS
619.864	-56.58	5.84	-50.74	-36	-14.74	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)	
1141.130	-60.24	14.25	-45.99	-30	-15.99	PASS
2541.469	-61.64	12.64	-49.00	-30	-19.00	PASS
4376.020	-59.59	11.95	-47.64	-30	-17.64	PASS
8650.770	-59.16	16.52	-42.64	-30	-12.64	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)	
39.053	-58.67	5.88	-52.79	-36	-16.79	PASS
76.668	-56.51	9.79	-46.72	-36	-10.72	PASS
275.566	-53.58	3.67	-49.91	-36	-13.91	PASS
612.820	-51.17	2.90	-48.27	-36	-12.27	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)	
1539.087	-54.99	12.95	-42.04	-30	-12.04	PASS
3122.619	-55.29	14.88	-40.41	-30	-10.41	PASS
4807.545	-60.04	16.66	-43.38	-30	-13.38	PASS
6828.523	-58.60	11.70	-46.90	-30	-16.90	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)	
40.228	-51.98	3.42	-48.56	-36	-12.56	PASS
90.602	-56.57	2.35	-54.22	-36	-18.22	PASS
359.685	-57.18	8.01	-49.17	-36	-13.17	PASS
632.501	-59.53	2.16	-57.37	-36	-21.37	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)	
1257.406	-53.99	13.39	-40.60	-30	-10.60	PASS
2845.676	-60.26	17.20	-43.06	-30	-13.06	PASS
5146.475	-60.37	13.57	-46.80	-30	-16.80	PASS
7727.129	-61.64	15.66	-45.98	-30	-15.98	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)	
43.705	-53.49	1.60	-51.89	-36	-15.89	PASS
96.163	-53.42	1.66	-51.76	-36	-15.76	PASS
314.979	-56.89	8.32	-48.57	-36	-12.57	PASS
510.612	-57.72	4.92	-52.80	-36	-16.80	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)	
1150.846	-59.93	14.13	-45.80	-30	-15.80	PASS
2414.197	-54.70	18.01	-36.69	-30	-6.69	PASS
5631.852	-57.19	12.56	-44.63	-30	-14.63	PASS
7700.853	-60.17	15.55	-44.62	-30	-14.62	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)	
41.370	-53.34	4.93	-48.41	-36	-12.41	PASS
83.659	-56.41	4.41	-52.00	-36	-16.00	PASS
296.444	-53.86	3.23	-50.63	-36	-14.63	PASS
525.609	-51.08	1.34	-49.74	-36	-13.74	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)	
1504.971	-55.45	13.62	-41.83	-30	-11.83	PASS
4017.060	-59.70	12.66	-47.04	-30	-17.04	PASS
5460.234	-59.34	12.36	-46.98	-30	-16.98	PASS
6055.113	-56.38	12.22	-44.16	-30	-14.16	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)	
34.646	-54.97	8.11	-46.86	-36	-10.86	PASS
66.814	-55.19	8.98	-46.21	-36	-10.21	PASS
301.432	-58.42	8.64	-49.78	-36	-13.78	PASS
553.840	-53.86	2.93	-50.93	-36	-14.93	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)	
1352.947	-56.79	11.20	-45.59	-30	-15.59	PASS
3259.429	-59.12	12.47	-46.65	-30	-16.65	PASS
4883.856	-57.83	12.60	-45.23	-30	-15.23	PASS
8593.918	-60.10	14.97	-45.13	-30	-15.13	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)	
44.260	-57.95	1.91	-56.04	-36	-20.04	PASS
96.741	-50.46	4.32	-46.14	-36	-10.14	PASS
139.983	-58.52	3.39	-55.13	-36	-19.13	PASS
658.443	-59.56	3.02	-56.54	-36	-20.54	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)	
1612.965	-56.25	17.47	-38.78	-30	-8.78	PASS
3028.764	-57.39	17.02	-40.37	-30	-10.37	PASS
4930.105	-58.17	10.69	-47.48	-30	-17.48	PASS
8807.236	-62.08	10.10	-51.98	-30	-21.98	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)	
38.325	-54.18	4.47	-49.71	-36	-13.71	PASS
67.127	-59.76	6.00	-53.76	-36	-17.76	PASS
269.824	-50.10	6.29	-43.81	-36	-7.81	PASS
598.344	-50.72	9.09	-41.63	-36	-5.63	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)	
1146.479	-59.77	13.59	-46.18	-30	-16.18	PASS
3189.011	-57.40	17.23	-40.17	-30	-10.17	PASS
5694.026	-57.94	14.29	-43.65	-30	-13.65	PASS
9618.351	-62.12	15.46	-46.66	-30	-16.66	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)	
47.536	-55.33	7.18	-48.15	-36	-12.15	PASS
77.118	-54.22	1.11	-53.11	-36	-17.11	PASS
142.900	-58.13	2.35	-55.78	-36	-19.78	PASS
548.818	-54.48	3.02	-51.46	-36	-15.46	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)	
1594.250	-55.67	15.00	-40.67	-30	-10.67	PASS
2895.976	-59.64	11.43	-48.21	-30	-18.21	PASS
4644.165	-56.30	13.06	-43.24	-30	-13.24	PASS
8368.115	-61.61	13.97	-47.64	-30	-17.64	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)	
37.614	-56.02	9.38	-46.64	-36	-10.64	PASS
87.361	-50.75	7.72	-43.03	-36	-7.03	PASS
268.862	-56.04	1.53	-54.51	-36	-18.51	PASS
696.378	-57.75	9.05	-48.70	-36	-12.70	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)	
1484.183	-62.16	18.58	-43.58	-30	-13.58	PASS
3170.551	-58.69	15.36	-43.33	-30	-13.33	PASS
5481.181	-58.21	10.42	-47.79	-30	-17.79	PASS
9084.569	-58.42	15.15	-43.27	-30	-13.27	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)	
35.373	-51.49	5.70	-45.79	-36	-9.79	PASS
86.979	-53.16	3.50	-49.66	-36	-13.66	PASS
106.897	-58.11	3.33	-54.78	-36	-18.78	PASS
589.441	-56.59	7.24	-49.35	-36	-13.35	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)	
1123.975	-56.34	16.66	-39.68	-30	-9.68	PASS
3792.799	-60.19	17.28	-42.91	-30	-12.91	PASS
5261.935	-60.68	13.88	-46.80	-30	-16.80	PASS
6383.261	-57.77	15.28	-42.49	-30	-12.49	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)	
41.633	-59.38	5.32	-54.06	-36	-18.06	PASS
50.422	-50.87	4.40	-46.47	-36	-10.47	PASS
384.083	-57.68	4.35	-53.33	-36	-17.33	PASS
577.233	-58.89	7.25	-51.64	-36	-15.64	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)	
1363.670	-53.20	14.68	-38.52	-30	-8.52	PASS
2350.250	-62.68	10.95	-51.73	-30	-21.73	PASS
5920.649	-60.14	15.39	-44.75	-30	-14.75	PASS
9609.496	-55.77	16.01	-39.76	-30	-9.76	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)	
46.064	-56.21	8.39	-47.82	-36	-11.82	PASS
84.150	-55.18	7.24	-47.94	-36	-11.94	PASS
258.442	-59.73	8.24	-51.49	-36	-15.49	PASS
592.091	-51.47	8.52	-42.95	-36	-6.95	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)	
1455.952	-59.49	13.94	-45.55	-30	-15.55	PASS
2291.172	-58.59	13.24	-45.35	-30	-15.35	PASS
4226.069	-55.89	14.30	-41.59	-30	-11.59	PASS
7193.643	-53.66	13.94	-39.72	-30	-9.72	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)	
45.624	-50.12	4.38	-45.74	-36	-9.74	PASS
90.006	-56.00	7.44	-48.56	-36	-12.56	PASS
207.567	-59.96	1.66	-58.30	-36	-22.30	PASS
565.334	-51.73	6.71	-45.02	-36	-9.02	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)	
1495.507	-58.70	14.22	-44.48	-30	-14.48	PASS
3796.928	-59.69	10.18	-49.51	-30	-19.51	PASS
5686.566	-60.54	17.94	-42.60	-30	-12.60	PASS
7221.138	-59.44	17.17	-42.27	-30	-12.27	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)	
35.814	-52.80	5.50	-47.30	-36	-11.30	PASS
80.773	-51.35	4.30	-47.05	-36	-11.05	PASS
168.093	-57.69	6.72	-50.97	-36	-14.97	PASS
663.169	-59.24	4.25	-54.99	-36	-18.99	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)	
1258.616	-53.67	11.12	-42.55	-30	-12.55	PASS
3529.091	-54.34	14.56	-39.78	-30	-9.78	PASS
4283.253	-61.36	15.64	-45.72	-30	-15.72	PASS
9281.848	-62.56	10.52	-52.04	-30	-22.04	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)	
43.755	-59.41	4.75	-54.66	-36	-18.66	PASS
54.260	-59.28	7.26	-52.02	-36	-16.02	PASS
269.215	-56.45	9.33	-47.12	-36	-11.12	PASS
576.362	-56.62	1.19	-55.43	-36	-19.43	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)	
1353.932	-60.41	10.08	-50.33	-30	-20.33	PASS
4074.831	-61.47	11.17	-50.30	-30	-20.30	PASS
4146.255	-57.69	18.55	-39.14	-30	-9.14	PASS
6232.919	-59.25	12.95	-46.30	-30	-16.30	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)	
44.352	-59.36	7.89	-51.47	-36	-15.47	PASS
76.228	-59.79	1.29	-58.50	-36	-22.50	PASS
233.060	-56.24	2.90	-53.34	-36	-17.34	PASS
683.380	-51.38	8.72	-42.66	-36	-6.66	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)	
1455.962	-53.49	14.18	-39.31	-30	-9.31	PASS
2512.532	-56.95	18.56	-38.39	-30	-8.39	PASS
4316.338	-57.05	19.00	-38.05	-30	-8.05	PASS
8513.549	-60.78	17.59	-43.19	-30	-13.19	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)	
33.077	-51.55	9.00	-42.55	-36	-6.55	PASS
93.355	-51.32	3.35	-47.97	-36	-11.97	PASS
256.995	-55.84	5.12	-50.72	-36	-14.72	PASS
525.851	-55.80	4.33	-51.47	-36	-15.47	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)	
1245.797	-54.00	17.66	-36.34	-30	-6.34	PASS
3370.829	-61.91	14.49	-47.42	-30	-17.42	PASS
5754.409	-53.52	11.72	-41.80	-30	-11.80	PASS
9501.921	-58.77	13.52	-45.25	-30	-15.25	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)	
36.582	-50.58	9.00	-41.58	-36	-5.58	PASS
71.430	-54.73	7.39	-47.34	-36	-11.34	PASS
309.533	-57.44	3.62	-53.82	-36	-17.82	PASS
607.959	-51.36	3.91	-47.45	-36	-11.45	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)	
1442.629	-56.97	11.70	-45.27	-30	-15.27	PASS
3507.008	-59.03	12.38	-46.65	-30	-16.65	PASS
5699.470	-58.47	14.86	-43.61	-30	-13.61	PASS
9382.071	-56.42	17.59	-38.83	-30	-8.83	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)	
45.686	-58.72	7.48	-51.24	-36	-15.24	PASS
89.043	-58.56	6.56	-52.00	-36	-16.00	PASS
315.528	-55.29	2.31	-52.98	-36	-16.98	PASS
566.903	-54.42	4.88	-49.54	-36	-13.54	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)	
1476.641	-62.58	11.27	-51.31	-30	-21.31	PASS
2700.647	-56.00	13.62	-42.38	-30	-12.38	PASS
4804.045	-58.69	13.87	-44.82	-30	-14.82	PASS
7381.622	-59.00	13.36	-45.64	-30	-15.64	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)	
36.181	-56.13	4.14	-51.99	-36	-15.99	PASS
65.336	-52.03	9.81	-42.22	-36	-6.22	PASS
193.520	-58.63	8.67	-49.96	-36	-13.96	PASS
588.022	-56.25	5.02	-51.23	-36	-15.23	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)	
1574.641	-58.89	10.31	-48.58	-30	-18.58	PASS
3380.373	-56.22	11.69	-44.53	-30	-14.53	PASS
5017.478	-62.57	11.75	-50.82	-30	-20.82	PASS
6403.801	-53.07	15.80	-37.27	-30	-7.27	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)	
36.614	-50.53	7.34	-43.19	-36	-7.19	PASS
70.550	-50.38	8.62	-41.76	-36	-5.76	PASS
174.478	-58.04	7.65	-50.39	-36	-14.39	PASS
631.273	-58.06	9.36	-48.70	-36	-12.70	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)	
1213.085	-53.62	17.56	-36.06	-30	-6.06	PASS
2668.579	-58.59	17.18	-41.41	-30	-11.41	PASS
5197.945	-62.02	12.49	-49.53	-30	-19.53	PASS
7962.616	-60.23	10.58	-49.65	-30	-19.65	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)	
33.652	-54.10	2.25	-51.85	-36	-15.85	PASS
75.879	-56.69	8.63	-48.06	-36	-12.06	PASS
326.443	-58.40	4.71	-53.69	-36	-17.69	PASS
677.569	-53.39	6.20	-47.19	-36	-11.19	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)	
1259.442	-53.89	10.28	-43.61	-30	-13.61	PASS
2459.638	-54.80	17.82	-36.98	-30	-6.98	PASS
5168.052	-54.32	10.55	-43.77	-30	-13.77	PASS
7995.280	-58.72	11.84	-46.88	-30	-16.88	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)	
46.619	-56.64	3.96	-52.68	-36	-16.68	PASS
56.121	-59.09	7.63	-51.46	-36	-15.46	PASS
322.106	-55.08	5.92	-49.16	-36	-13.16	PASS
610.544	-55.19	3.67	-51.52	-36	-15.52	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)	
1566.187	-53.33	14.01	-39.32	-30	-9.32	PASS
3412.234	-57.60	17.31	-40.29	-30	-10.29	PASS
4746.860	-61.54	13.67	-47.87	-30	-17.87	PASS
8552.552	-56.10	16.72	-39.38	-30	-9.38	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)	
42.804	-57.59	1.89	-55.70	-36	-19.70	PASS
95.095	-51.63	5.71	-45.92	-36	-9.92	PASS
394.222	-55.67	8.89	-46.78	-36	-10.78	PASS
619.062	-53.69	8.16	-45.53	-36	-9.53	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)	
1248.841	-56.51	10.21	-46.30	-30	-16.30	PASS
2299.261	-62.74	16.72	-46.02	-30	-16.02	PASS
5128.884	-60.58	16.38	-44.20	-30	-14.20	PASS
8722.275	-61.75	13.67	-48.08	-30	-18.08	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)	
46.440	-54.11	6.16	-47.95	-36	-11.95	PASS
80.394	-57.78	3.57	-54.21	-36	-18.21	PASS
172.222	-51.92	1.59	-50.33	-36	-14.33	PASS
688.981	-57.86	4.76	-53.10	-36	-17.10	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)	
1443.365	-59.63	17.89	-41.74	-30	-11.74	PASS
3837.594	-54.00	18.20	-35.80	-30	-5.80	PASS
5210.439	-60.65	12.34	-48.31	-30	-18.31	PASS
6243.454	-56.41	17.27	-39.14	-30	-9.14	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)	
39.219	-53.39	2.57	-50.82	-36	-14.82	PASS
64.706	-56.44	8.06	-48.38	-36	-12.38	PASS
291.014	-56.75	5.48	-51.27	-36	-15.27	PASS
673.253	-52.25	4.37	-47.88	-36	-11.88	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)	
1284.126	-53.90	16.81	-37.09	-30	-7.09	PASS
2948.035	-62.19	15.38	-46.81	-30	-16.81	PASS
4463.157	-57.25	17.14	-40.11	-30	-10.11	PASS
7393.496	-60.89	11.30	-49.59	-30	-19.59	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)	
33.927	-52.74	2.63	-50.11	-36	-14.11	PASS
59.895	-59.07	6.90	-52.17	-36	-16.17	PASS
283.580	-59.33	3.96	-55.37	-36	-19.37	PASS
505.571	-57.02	7.30	-49.72	-36	-13.72	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)	
1611.352	-55.57	12.18	-43.39	-30	-13.39	PASS
3445.880	-58.39	10.57	-47.82	-30	-17.82	PASS
4696.695	-60.52	15.01	-45.51	-30	-15.51	PASS
6594.570	-60.34	10.47	-49.87	-30	-19.87	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)	
35.002	-58.54	9.72	-48.82	-36	-12.82	PASS
77.345	-52.86	4.11	-48.75	-36	-12.75	PASS
281.889	-56.85	5.50	-51.35	-36	-15.35	PASS
654.893	-58.16	9.35	-48.81	-36	-12.81	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)	
1476.041	-60.73	12.29	-48.44	-30	-18.44	PASS
2718.160	-61.79	15.16	-46.63	-30	-16.63	PASS
5892.905	-59.85	13.92	-45.93	-30	-15.93	PASS
7635.932	-54.66	12.28	-42.38	-30	-12.38	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)	
47.390	-50.33	1.31	-49.02	-36	-13.02	PASS
82.319	-55.47	7.82	-47.65	-36	-11.65	PASS
214.297	-56.97	6.67	-50.30	-36	-14.30	PASS
509.372	-54.29	8.54	-45.75	-36	-9.75	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)	
1238.659	-54.72	14.06	-40.66	-30	-10.66	PASS
4018.185	-53.83	18.90	-34.93	-30	-4.93	PASS
4407.368	-57.07	16.03	-41.04	-30	-11.04	PASS
8185.196	-55.98	14.85	-41.13	-30	-11.13	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)	
45.990	-54.03	8.98	-45.05	-36	-9.05	PASS
88.393	-54.72	2.95	-51.77	-36	-15.77	PASS
169.369	-54.93	9.60	-45.33	-36	-9.33	PASS
695.467	-53.14	5.78	-47.36	-36	-11.36	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)	
1418.843	-60.85	10.28	-50.57	-30	-20.57	PASS
3369.866	-61.59	16.70	-44.89	-30	-14.89	PASS
5067.957	-56.02	10.11	-45.91	-30	-15.91	PASS
8177.796	-60.50	11.55	-48.95	-30	-18.95	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)	
45.359	-56.28	6.87	-49.41	-36	-13.41	PASS
85.486	-51.36	7.20	-44.16	-36	-8.16	PASS
125.157	-52.82	5.39	-47.43	-36	-11.43	PASS
519.717	-53.30	8.40	-44.90	-36	-8.90	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)	
1269.573	-60.82	16.59	-44.23	-30	-14.23	PASS
2440.668	-58.33	12.16	-46.17	-30	-16.17	PASS
5568.094	-59.63	16.13	-43.50	-30	-13.50	PASS
6149.839	-53.14	13.99	-39.15	-30	-9.15	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)	
43.486	-54.31	7.36	-46.95	-36	-10.95	PASS
62.758	-51.49	2.37	-49.12	-36	-13.12	PASS
100.380	-57.28	6.55	-50.73	-36	-14.73	PASS
673.597	-54.11	2.55	-51.56	-36	-15.56	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)	
1579.105	-60.07	11.85	-48.22	-30	-18.22	PASS
2218.165	-54.74	15.50	-39.24	-30	-9.24	PASS
5292.146	-60.58	10.12	-50.46	-30	-20.46	PASS
9077.619	-61.40	17.12	-44.28	-30	-14.28	PASS

Remark:

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

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
46.438	-50.65	7.59	-43.06	-36	-7.06	PASS
97.981	-55.49	2.97	-52.52	-36	-16.52	PASS
142.839	-51.02	6.50	-44.52	-36	-8.52	PASS
585.659	-54.34	8.55	-45.79	-36	-9.79	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)	
1372.526	-58.12	13.12	-45.00	-30	-15.00	PASS
2219.372	-56.68	17.32	-39.36	-30	-9.36	PASS
5459.224	-60.71	12.70	-48.01	-30	-18.01	PASS
8330.216	-57.01	17.79	-39.22	-30	-9.22	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)	
40.347	-57.25	8.49	-48.76	-36	-12.76	PASS
53.321	-55.46	9.84	-45.62	-36	-9.62	PASS
337.719	-59.64	2.58	-57.06	-36	-21.06	PASS
585.138	-57.53	6.41	-51.12	-36	-15.12	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)	
1174.655	-59.86	16.44	-43.42	-30	-13.42	PASS
2930.594	-54.85	14.33	-40.52	-30	-10.52	PASS
4356.810	-58.75	11.59	-47.16	-30	-17.16	PASS
8965.325	-62.28	12.87	-49.41	-30	-19.41	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 40 CH L 5M QPSK H 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
47.755	-57.74	2.46	-55.28	-36	-19.28	PASS
95.437	-50.48	2.45	-48.03	-36	-12.03	PASS
190.384	-51.36	7.24	-44.12	-36	-8.12	PASS
505.177	-53.28	4.36	-48.92	-36	-12.92	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
1465.004	-54.77	11.52	-43.25	-30	-13.25	PASS
2397.075	-54.09	11.41	-42.68	-30	-12.68	PASS
5207.587	-56.41	15.57	-40.84	-30	-10.84	PASS
6626.848	-56.90	18.63	-38.27	-30	-8.27	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)	
44.841	-51.13	6.59	-44.54	-36	-8.54	PASS
55.912	-51.56	7.05	-44.51	-36	-8.51	PASS
145.528	-56.35	1.90	-54.45	-36	-18.45	PASS
554.532	-59.95	7.52	-52.43	-36	-16.43	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)	
1426.301	-62.98	17.63	-45.35	-30	-15.35	PASS
2486.160	-60.12	10.69	-49.43	-30	-19.43	PASS
5979.815	-54.37	16.95	-37.42	-30	-7.42	PASS
6841.565	-58.60	10.73	-47.87	-30	-17.87	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)	
46.202	-52.71	5.19	-47.52	-36	-11.52	PASS
57.588	-52.10	8.05	-44.05	-36	-8.05	PASS
122.700	-53.61	6.73	-46.88	-36	-10.88	PASS
565.096	-56.60	7.84	-48.76	-36	-12.76	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)	
1349.959	-55.04	11.97	-43.07	-30	-13.07	PASS
2798.856	-56.13	15.77	-40.36	-30	-10.36	PASS
4038.556	-57.26	17.68	-39.58	-30	-9.58	PASS
7743.123	-62.01	17.70	-44.31	-30	-14.31	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)	
43.564	-56.43	8.97	-47.46	-36	-11.46	PASS
62.926	-58.63	3.85	-54.78	-36	-18.78	PASS
264.204	-53.10	6.74	-46.36	-36	-10.36	PASS
548.509	-53.83	3.44	-50.39	-36	-14.39	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)	
1270.643	-59.76	10.06	-49.70	-30	-19.70	PASS
2753.778	-62.42	14.72	-47.70	-30	-17.70	PASS
4362.743	-62.58	13.29	-49.29	-30	-19.29	PASS
8955.755	-58.03	11.58	-46.45	-30	-16.45	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)	
41.874	-59.85	3.98	-55.87	-36	-19.87	PASS
54.056	-55.86	7.34	-48.52	-36	-12.52	PASS
266.540	-58.62	4.41	-54.21	-36	-18.21	PASS
653.865	-58.55	5.48	-53.07	-36	-17.07	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)	
1620.241	-53.05	17.71	-35.34	-30	-5.34	PASS
3812.785	-59.20	16.39	-42.81	-30	-12.81	PASS
5648.826	-60.26	15.89	-44.37	-30	-14.37	PASS
8799.226	-62.59	13.95	-48.64	-30	-18.64	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)	
40.298	-54.97	5.12	-49.85	-36	-13.85	PASS
84.647	-50.68	5.60	-45.08	-36	-9.08	PASS
312.016	-57.95	6.53	-51.42	-36	-15.42	PASS
593.858	-52.01	9.76	-42.25	-36	-6.25	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)	
1393.858	-58.25	18.16	-40.09	-30	-10.09	PASS
3902.595	-61.56	16.15	-45.41	-30	-15.41	PASS
5164.389	-61.21	15.76	-45.45	-30	-15.45	PASS
6307.689	-56.88	12.64	-44.24	-30	-14.24	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)	
43.508	-58.18	9.56	-48.62	-36	-12.62	PASS
95.109	-50.83	1.49	-49.34	-36	-13.34	PASS
316.706	-53.48	6.45	-47.03	-36	-11.03	PASS
581.680	-51.16	7.27	-43.89	-36	-7.89	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)	
1554.624	-59.15	10.72	-48.43	-30	-18.43	PASS
2290.178	-56.54	10.15	-46.39	-30	-16.39	PASS
4547.590	-56.45	10.20	-46.25	-30	-16.25	PASS
8725.253	-62.29	17.57	-44.72	-30	-14.72	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)	
36.814	-51.57	1.40	-50.17	-36	-14.17	PASS
68.967	-55.35	4.70	-50.65	-36	-14.65	PASS
260.553	-59.73	9.40	-50.33	-36	-14.33	PASS
656.870	-55.38	7.51	-47.87	-36	-11.87	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)	
1284.764	-62.40	10.21	-52.19	-30	-22.19	PASS
2559.810	-55.10	12.64	-42.46	-30	-12.46	PASS
5128.381	-54.08	11.61	-42.47	-30	-12.47	PASS
7448.403	-62.62	16.19	-46.43	-30	-16.43	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)	
37.940	-57.68	7.40	-50.28	-36	-14.28	PASS
92.729	-51.77	9.32	-42.45	-36	-6.45	PASS
371.246	-56.34	6.83	-49.51	-36	-13.51	PASS
578.368	-58.43	2.17	-56.26	-36	-20.26	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)	
1501.499	-59.88	18.32	-41.56	-30	-11.56	PASS
3931.480	-59.09	12.40	-46.69	-30	-16.69	PASS
4304.750	-58.95	12.93	-46.02	-30	-16.02	PASS
6987.098	-61.99	13.23	-48.76	-30	-18.76	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)	
35.985	-51.64	4.20	-47.44	-36	-11.44	PASS
62.279	-59.04	2.23	-56.81	-36	-20.81	PASS
394.053	-50.91	6.07	-44.84	-36	-8.84	PASS
687.860	-53.75	5.51	-48.24	-36	-12.24	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)	
1307.732	-56.83	16.22	-40.61	-30	-10.61	PASS
4030.233	-61.70	12.74	-48.96	-30	-18.96	PASS
4509.697	-59.87	11.64	-48.23	-30	-18.23	PASS
9223.723	-55.85	10.31	-45.54	-30	-15.54	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)	
43.605	-55.08	2.78	-52.30	-36	-16.30	PASS
54.231	-56.63	9.96	-46.67	-36	-10.67	PASS
389.368	-50.34	5.24	-45.10	-36	-9.10	PASS
527.892	-52.46	7.90	-44.56	-36	-8.56	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)	
1429.826	-60.59	15.53	-45.06	-30	-15.06	PASS
2980.662	-57.46	18.34	-39.12	-30	-9.12	PASS
5844.217	-62.54	17.64	-44.90	-30	-14.90	PASS
8722.803	-56.01	13.73	-42.28	-30	-12.28	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)	
42.400	-57.79	7.86	-49.93	-36	-13.93	PASS
51.066	-54.89	8.54	-46.35	-36	-10.35	PASS
394.604	-50.77	9.12	-41.65	-36	-5.65	PASS
605.243	-57.15	1.50	-55.65	-36	-19.65	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)	
1474.113	-54.12	13.28	-40.84	-30	-10.84	PASS
3576.276	-57.07	10.96	-46.11	-30	-16.11	PASS
4536.653	-58.66	18.24	-40.42	-30	-10.42	PASS
9154.295	-54.25	18.88	-35.37	-30	-5.37	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)	
47.407	H	-73.75	5.07	-68.68	-57	-11.68	PASS
84.870	H	-80.34	8.92	-71.42	-57	-14.42	PASS
294.484	H	-77.15	7.53	-69.62	-57	-12.62	PASS
676.609	H	-77.11	5.31	-71.80	-57	-14.80	PASS
36.809	V	-75.75	7.52	-68.23	-57	-11.23	PASS
89.346	V	-72.94	5.70	-67.24	-57	-10.24	PASS
268.982	V	-75.89	5.77	-70.12	-57	-13.12	PASS
594.254	V	-78.90	7.94	-70.96	-57	-13.96	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)	
1345.946	V	-77.18	11.02	-66.16	-47	-19.16	PASS
2391.987	V	-78.96	12.59	-66.37	-47	-19.37	PASS
5202.973	V	-72.62	13.76	-58.86	-47	-11.86	PASS
9338.138	V	-76.92	18.72	-58.20	-47	-11.20	PASS
1426.080	H	-80.11	12.07	-68.04	-47	-21.04	PASS
3865.734	H	-78.02	12.38	-65.64	-47	-18.64	PASS
4083.582	H	-76.48	16.39	-60.09	-47	-13.09	PASS
8449.661	H	-73.80	11.96	-61.84	-47	-14.84	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)	
33.699	H	-80.55	9.66	-70.89	-57	-13.89	PASS
55.682	H	-73.25	9.34	-63.91	-57	-6.91	PASS
318.529	H	-81.89	5.00	-76.89	-57	-19.89	PASS
699.759	H	-80.85	3.01	-77.84	-57	-20.84	PASS
47.174	V	-74.50	6.19	-68.31	-57	-11.31	PASS
98.499	V	-79.27	1.81	-77.46	-57	-20.46	PASS
230.300	V	-72.16	7.38	-64.78	-57	-7.78	PASS
644.274	V	-75.76	1.88	-73.88	-57	-16.88	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)	
1408.490	V	-81.86	11.22	-70.64	-47	-23.64	PASS
3985.278	V	-79.23	11.02	-68.21	-47	-21.21	PASS
4179.401	V	-76.34	15.64	-60.70	-47	-13.70	PASS
7789.239	V	-73.62	11.04	-62.58	-47	-15.58	PASS
1486.884	H	-74.09	12.86	-61.23	-47	-14.23	PASS
2499.890	H	-79.92	13.02	-66.90	-47	-19.90	PASS
5372.599	H	-75.44	12.42	-63.02	-47	-16.02	PASS
8272.065	H	-73.39	13.78	-59.61	-47	-12.61	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)	
38.388	H	-81.24	4.79	-76.45	-57	-19.45	PASS
84.866	H	-74.68	4.35	-70.33	-57	-13.33	PASS
261.567	H	-80.17	9.23	-70.94	-57	-13.94	PASS
538.926	H	-74.68	3.00	-71.68	-57	-14.68	PASS
37.691	V	-80.01	1.60	-78.41	-57	-21.41	PASS
85.957	V	-80.67	7.84	-72.83	-57	-15.83	PASS
214.944	V	-75.25	4.09	-71.16	-57	-14.16	PASS
567.381	V	-73.39	6.50	-66.89	-57	-9.89	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)	
1142.341	V	-78.53	14.47	-64.06	-47	-17.06	PASS
2660.239	V	-75.69	16.00	-59.69	-47	-12.69	PASS
4453.028	V	-73.58	10.45	-63.13	-47	-16.13	PASS
6642.161	V	-72.23	14.47	-57.76	-47	-10.76	PASS
1391.893	H	-80.62	17.01	-63.61	-47	-16.61	PASS
3351.101	H	-77.04	10.15	-66.89	-47	-19.89	PASS
5038.966	H	-80.82	18.94	-61.88	-47	-14.88	PASS
9787.292	H	-72.31	15.80	-56.51	-47	-9.51	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)	
40.975	H	-77.52	2.62	-74.90	-57	-17.90	PASS
61.329	H	-80.80	3.24	-77.56	-57	-20.56	PASS
270.977	H	-77.79	2.31	-75.48	-57	-18.48	PASS
573.182	H	-77.93	8.16	-69.77	-57	-12.77	PASS
36.476	V	-73.79	5.99	-67.80	-57	-10.80	PASS
85.718	V	-77.46	3.75	-73.71	-57	-16.71	PASS
317.375	V	-79.12	3.20	-75.92	-57	-18.92	PASS
600.705	V	-81.85	6.68	-75.17	-57	-18.17	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)	
1325.940	V	-81.57	11.35	-70.22	-47	-23.22	PASS
2428.077	V	-75.97	13.95	-62.02	-47	-15.02	PASS
5078.472	V	-72.66	10.73	-61.93	-47	-14.93	PASS
6004.217	V	-74.24	11.93	-62.31	-47	-15.31	PASS
1414.047	H	-80.34	11.41	-68.93	-47	-21.93	PASS
4003.258	H	-75.52	15.84	-59.68	-47	-12.68	PASS
5166.488	H	-77.91	12.30	-65.61	-47	-18.61	PASS
6155.002	H	-79.06	17.12	-61.94	-47	-14.94	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)	
40.129	H	-77.16	1.68	-75.48	-57	-18.48	PASS
67.930	H	-75.35	6.42	-68.93	-57	-11.93	PASS
307.328	H	-75.86	2.48	-73.38	-57	-16.38	PASS
580.659	H	-72.48	5.92	-66.56	-57	-9.56	PASS
40.331	V	-73.98	5.64	-68.34	-57	-11.34	PASS
93.789	V	-77.19	2.70	-74.49	-57	-17.49	PASS
381.027	V	-73.54	2.16	-71.38	-57	-14.38	PASS
531.827	V	-77.22	7.30	-69.92	-57	-12.92	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)	
1571.144	V	-77.08	14.59	-62.49	-47	-15.49	PASS
3325.930	V	-76.41	10.44	-65.97	-47	-18.97	PASS
4633.729	V	-72.41	11.19	-61.22	-47	-14.22	PASS
6884.432	V	-76.11	11.74	-64.37	-47	-17.37	PASS
1127.898	H	-73.67	13.92	-59.75	-47	-12.75	PASS
2504.466	H	-77.47	13.46	-64.01	-47	-17.01	PASS
5207.134	H	-73.64	13.14	-60.50	-47	-13.50	PASS
7050.492	H	-76.82	11.66	-65.16	-47	-18.16	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)	
41.356	H	-74.99	7.30	-67.69	-57	-10.69	PASS
67.245	H	-79.57	8.12	-71.45	-57	-14.45	PASS
221.176	H	-74.80	1.91	-72.89	-57	-15.89	PASS
650.797	H	-72.94	2.17	-70.77	-57	-13.77	PASS
39.545	V	-80.53	3.57	-76.96	-57	-19.96	PASS
97.916	V	-73.31	5.66	-67.65	-57	-10.65	PASS
290.984	V	-79.80	4.66	-75.14	-57	-18.14	PASS
607.081	V	-81.98	2.10	-79.88	-57	-22.88	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)	
1367.426	V	-74.69	13.17	-61.52	-47	-14.52	PASS
2424.782	V	-77.49	17.83	-59.66	-47	-12.66	PASS
4402.779	V	-75.56	14.29	-61.27	-47	-14.27	PASS
8588.971	V	-77.07	11.62	-65.45	-47	-18.45	PASS
1345.963	H	-74.68	10.70	-63.98	-47	-16.98	PASS
3914.710	H	-74.09	16.14	-57.95	-47	-10.95	PASS
4680.570	H	-73.51	15.99	-57.52	-47	-10.52	PASS
9017.036	H	-74.13	10.92	-63.21	-47	-16.21	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)	
34.164	H	-76.50	2.85	-73.65	-57	-16.65	PASS
91.043	H	-77.48	8.90	-68.58	-57	-11.58	PASS
295.442	H	-80.70	8.52	-72.18	-57	-15.18	PASS
687.257	H	-72.75	6.32	-66.43	-57	-9.43	PASS
33.749	V	-76.14	1.93	-74.21	-57	-17.21	PASS
50.476	V	-76.94	9.01	-67.93	-57	-10.93	PASS
282.134	V	-75.70	6.16	-69.54	-57	-12.54	PASS
569.760	V	-75.16	7.32	-67.84	-57	-10.84	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)	
1187.892	V	-72.71	13.10	-59.61	-47	-12.61	PASS
3615.572	V	-78.87	16.74	-62.13	-47	-15.13	PASS
5048.971	V	-79.43	17.34	-62.09	-47	-15.09	PASS
7540.789	V	-76.19	14.44	-61.75	-47	-14.75	PASS
1533.444	H	-80.66	14.63	-66.03	-47	-19.03	PASS
4119.017	H	-72.35	11.96	-60.39	-47	-13.39	PASS
5956.132	H	-78.03	17.83	-60.20	-47	-13.20	PASS
6559.831	H	-80.38	16.85	-63.53	-47	-16.53	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)	
33.217	H	-73.83	2.51	-71.32	-57	-14.32	PASS
67.562	H	-79.68	3.99	-75.69	-57	-18.69	PASS
181.853	H	-73.51	8.63	-64.88	-57	-7.88	PASS
697.951	H	-78.09	3.36	-74.73	-57	-17.73	PASS
46.108	V	-72.89	4.15	-68.74	-57	-11.74	PASS
63.262	V	-80.41	8.86	-71.55	-57	-14.55	PASS
157.203	V	-72.63	9.82	-62.81	-57	-5.81	PASS
504.605	V	-79.81	3.31	-76.50	-57	-19.50	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)	
1133.454	V	-81.39	17.34	-64.05	-47	-17.05	PASS
3885.125	V	-80.88	18.94	-61.94	-47	-14.94	PASS
4852.737	V	-77.93	16.72	-61.21	-47	-14.21	PASS
7988.492	V	-77.82	10.56	-67.26	-47	-20.26	PASS
1326.926	H	-80.18	18.04	-62.14	-47	-15.14	PASS
2398.079	H	-74.25	11.51	-62.74	-47	-15.74	PASS
5404.348	H	-76.01	12.80	-63.21	-47	-16.21	PASS
6599.169	H	-81.49	11.43	-70.06	-47	-23.06	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)	
34.715	H	-73.33	6.83	-66.50	-57	-9.50	PASS
89.835	H	-79.51	3.87	-75.64	-57	-18.64	PASS
326.931	H	-76.46	3.23	-73.23	-57	-16.23	PASS
669.692	H	-75.67	6.55	-69.12	-57	-12.12	PASS
44.013	V	-77.86	7.22	-70.64	-57	-13.64	PASS
75.343	V	-74.73	7.66	-67.07	-57	-10.07	PASS
241.253	V	-73.90	6.99	-66.91	-57	-9.91	PASS
522.151	V	-76.57	3.54	-73.03	-57	-16.03	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)	
1525.236	V	-80.62	17.64	-62.98	-47	-15.98	PASS
2870.643	V	-77.19	17.26	-59.93	-47	-12.93	PASS
4203.224	V	-79.78	13.66	-66.12	-47	-19.12	PASS
6982.079	V	-73.27	17.15	-56.12	-47	-9.12	PASS
1570.833	H	-75.88	12.56	-63.32	-47	-16.32	PASS
2315.442	H	-72.75	12.91	-59.84	-47	-12.84	PASS
5040.326	H	-76.42	15.03	-61.39	-47	-14.39	PASS
9274.442	H	-81.28	15.73	-65.55	-47	-18.55	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)	
43.478	H	-75.07	5.45	-69.62	-57	-12.62	PASS
81.780	H	-78.73	5.32	-73.41	-57	-16.41	PASS
335.579	H	-79.12	6.99	-72.13	-57	-15.13	PASS
643.817	H	-74.28	7.23	-67.05	-57	-10.05	PASS
43.552	V	-77.35	1.62	-75.73	-57	-18.73	PASS
74.686	V	-81.64	6.09	-75.55	-57	-18.55	PASS
284.365	V	-76.45	6.46	-69.99	-57	-12.99	PASS
655.161	V	-81.92	4.00	-77.92	-57	-20.92	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)	
1434.035	V	-78.65	15.85	-62.80	-47	-15.80	PASS
2247.930	V	-76.08	15.47	-60.61	-47	-13.61	PASS
4113.476	V	-79.89	16.39	-63.50	-47	-16.50	PASS
8806.313	V	-76.11	11.02	-65.09	-47	-18.09	PASS
1363.119	H	-79.34	17.71	-61.63	-47	-14.63	PASS
2247.295	H	-73.42	12.80	-60.62	-47	-13.62	PASS
4880.078	H	-80.45	13.74	-66.71	-47	-19.71	PASS
8323.055	H	-79.66	10.34	-69.32	-47	-22.32	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)	
47.310	H	-76.97	9.83	-67.14	-57	-10.14	PASS
93.823	H	-75.89	6.20	-69.69	-57	-12.69	PASS
259.014	H	-74.94	3.83	-71.11	-57	-14.11	PASS
616.988	H	-78.62	1.13	-77.49	-57	-20.49	PASS
38.577	V	-77.85	1.02	-76.83	-57	-19.83	PASS
56.705	V	-74.82	9.59	-65.23	-57	-8.23	PASS
260.850	V	-72.24	1.43	-70.81	-57	-13.81	PASS
536.317	V	-73.35	1.04	-72.31	-57	-15.31	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)	
1227.726	V	-73.20	18.16	-55.04	-47	-8.04	PASS
2834.513	V	-79.54	13.32	-66.22	-47	-19.22	PASS
5191.099	V	-75.98	18.98	-57.00	-47	-10.00	PASS
9275.404	V	-78.13	18.09	-60.04	-47	-13.04	PASS
1334.201	H	-74.18	11.61	-62.57	-47	-15.57	PASS
3712.769	H	-79.17	10.12	-69.05	-47	-22.05	PASS
5332.549	H	-77.14	14.66	-62.48	-47	-15.48	PASS
7690.119	H	-80.17	12.85	-67.32	-47	-20.32	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)	
38.630	H	-81.81	9.99	-71.82	-57	-14.82	PASS
83.851	H	-75.08	4.69	-70.39	-57	-13.39	PASS
341.907	H	-76.65	4.23	-72.42	-57	-15.42	PASS
554.618	H	-80.43	6.53	-73.90	-57	-16.90	PASS
38.701	V	-74.96	1.47	-73.49	-57	-16.49	PASS
73.999	V	-81.37	5.05	-76.32	-57	-19.32	PASS
218.471	V	-80.22	9.38	-70.84	-57	-13.84	PASS
516.130	V	-79.85	1.26	-78.59	-57	-21.59	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)	
1542.881	V	-73.51	11.50	-62.01	-47	-15.01	PASS
3471.159	V	-80.78	14.76	-66.02	-47	-19.02	PASS
4969.763	V	-73.57	15.35	-58.22	-47	-11.22	PASS
6441.850	V	-77.78	14.22	-63.56	-47	-16.56	PASS
1348.248	H	-78.67	14.92	-63.75	-47	-16.75	PASS
4023.077	H	-80.93	15.43	-65.50	-47	-18.50	PASS
5623.550	H	-79.52	13.01	-66.51	-47	-19.51	PASS
8255.602	H	-80.16	16.10	-64.06	-47	-17.06	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)	
39.536	H	-76.42	6.26	-70.16	-57	-13.16	PASS
61.649	H	-75.72	3.46	-72.26	-57	-15.26	PASS
223.475	H	-79.37	6.70	-72.67	-57	-15.67	PASS
623.713	H	-80.20	1.53	-78.67	-57	-21.67	PASS
35.103	V	-80.29	5.00	-75.29	-57	-18.29	PASS
56.723	V	-79.14	2.52	-76.62	-57	-19.62	PASS
129.610	V	-78.92	6.09	-72.83	-57	-15.83	PASS
548.122	V	-75.60	1.30	-74.30	-57	-17.30	PASS

Remark:

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

Band 20 CH L 20M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1594.703	V	-79.01	17.72	-61.29	-47	-14.29	PASS
3583.848	V	-79.46	12.49	-66.97	-47	-19.97	PASS
4573.206	V	-76.87	10.73	-66.14	-47	-19.14	PASS
8714.977	V	-79.73	11.46	-68.27	-47	-21.27	PASS
1105.137	H	-77.59	15.04	-62.55	-47	-15.55	PASS
2746.821	H	-72.25	14.38	-57.87	-47	-10.87	PASS
4225.267	H	-81.21	14.82	-66.39	-47	-19.39	PASS
7051.254	H	-74.04	17.25	-56.79	-47	-9.79	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
36.846	H	-79.94	9.51	-70.43	-57	-13.43	PASS
66.590	H	-79.48	5.18	-74.30	-57	-17.30	PASS
331.148	H	-79.10	1.82	-77.28	-57	-20.28	PASS
590.688	H	-77.75	1.83	-75.92	-57	-18.92	PASS
43.978	V	-74.08	7.27	-66.81	-57	-9.81	PASS
66.023	V	-76.86	3.54	-73.32	-57	-16.32	PASS
291.542	V	-77.79	5.58	-72.21	-57	-15.21	PASS
661.263	V	-73.28	9.29	-63.99	-57	-6.99	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)	
1178.823	V	-75.78	18.42	-57.36	-47	-10.36	PASS
2919.564	V	-76.78	15.38	-61.40	-47	-14.40	PASS
4850.846	V	-72.26	12.57	-59.69	-47	-12.69	PASS
8365.611	V	-74.38	10.62	-63.76	-47	-16.76	PASS
1365.638	H	-78.43	13.21	-65.22	-47	-18.22	PASS
3474.462	H	-78.32	18.81	-59.51	-47	-12.51	PASS
5334.980	H	-75.63	14.22	-61.41	-47	-14.41	PASS
6181.383	H	-74.47	12.69	-61.78	-47	-14.78	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)	
43.347	H	-75.18	4.90	-70.28	-57	-13.28	PASS
55.495	H	-80.39	7.84	-72.55	-57	-15.55	PASS
116.952	H	-73.06	3.98	-69.08	-57	-12.08	PASS
585.553	H	-78.14	9.06	-69.08	-57	-12.08	PASS
46.919	V	-73.85	1.55	-72.30	-57	-15.30	PASS
83.283	V	-73.34	5.98	-67.36	-57	-10.36	PASS
204.181	V	-74.98	2.80	-72.18	-57	-15.18	PASS
661.056	V	-78.36	1.28	-77.08	-57	-20.08	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)	
1165.544	V	-76.15	11.55	-64.60	-47	-17.60	PASS
2225.353	V	-73.54	12.86	-60.68	-47	-13.68	PASS
5050.643	V	-74.87	12.18	-62.69	-47	-15.69	PASS
9189.977	V	-80.64	18.46	-62.18	-47	-15.18	PASS
1352.078	H	-79.64	18.96	-60.68	-47	-13.68	PASS
2846.857	H	-74.28	12.47	-61.81	-47	-14.81	PASS
5581.119	H	-80.43	12.38	-68.05	-47	-21.05	PASS
8877.860	H	-72.03	13.33	-58.70	-47	-11.70	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)	
45.827	H	-78.84	5.80	-73.04	-57	-16.04	PASS
67.576	H	-77.63	9.57	-68.06	-57	-11.06	PASS
382.014	H	-79.10	1.19	-77.91	-57	-20.91	PASS
519.039	H	-72.79	4.19	-68.60	-57	-11.60	PASS
38.521	V	-73.25	4.16	-69.09	-57	-12.09	PASS
64.993	V	-74.74	5.00	-69.74	-57	-12.74	PASS
198.323	V	-73.09	4.18	-68.91	-57	-11.91	PASS
571.077	V	-76.89	8.29	-68.60	-57	-11.60	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)	
1530.603	V	-73.63	15.92	-57.71	-47	-10.71	PASS
3798.006	V	-80.16	16.35	-63.81	-47	-16.81	PASS
5319.207	V	-72.71	17.53	-55.18	-47	-8.18	PASS
6777.354	V	-74.59	16.52	-58.07	-47	-11.07	PASS
1237.567	H	-72.05	14.19	-57.86	-47	-10.86	PASS
3609.684	H	-75.15	11.31	-63.84	-47	-16.84	PASS
4248.109	H	-72.48	17.88	-54.60	-47	-7.60	PASS
8987.011	H	-81.30	10.46	-70.84	-47	-23.84	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)	
36.818	H	-74.86	8.83	-66.03	-57	-9.03	PASS
69.680	H	-72.28	5.76	-66.52	-57	-9.52	PASS
116.071	H	-72.75	3.13	-69.62	-57	-12.62	PASS
524.507	H	-81.20	3.71	-77.49	-57	-20.49	PASS
43.584	V	-78.82	3.34	-75.48	-57	-18.48	PASS
83.763	V	-73.89	3.37	-70.52	-57	-13.52	PASS
241.735	V	-76.12	7.82	-68.30	-57	-11.30	PASS
581.991	V	-77.00	5.33	-71.67	-57	-14.67	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)	
1588.760	V	-78.17	14.57	-63.60	-47	-16.60	PASS
3521.782	V	-75.64	11.73	-63.91	-47	-16.91	PASS
4130.379	V	-77.55	13.03	-64.52	-47	-17.52	PASS
8785.336	V	-78.61	13.97	-64.64	-47	-17.64	PASS
1534.626	H	-80.61	11.00	-69.61	-47	-22.61	PASS
2726.175	H	-72.96	16.47	-56.49	-47	-9.49	PASS
5231.238	H	-73.63	17.60	-56.03	-47	-9.03	PASS
9654.863	H	-75.89	17.75	-58.14	-47	-11.14	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)	
47.104	H	-73.51	7.48	-66.03	-57	-9.03	PASS
92.301	H	-75.38	9.87	-65.51	-57	-8.51	PASS
211.707	H	-72.39	2.91	-69.48	-57	-12.48	PASS
663.193	H	-78.05	9.20	-68.85	-57	-11.85	PASS
40.739	V	-77.25	2.48	-74.77	-57	-17.77	PASS
75.257	V	-73.73	3.98	-69.75	-57	-12.75	PASS
269.314	V	-77.67	4.76	-72.91	-57	-15.91	PASS
578.905	V	-73.10	5.72	-67.38	-57	-10.38	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)	
1570.820	V	-78.63	10.65	-67.98	-47	-20.98	PASS
2287.243	V	-77.89	14.33	-63.56	-47	-16.56	PASS
4652.006	V	-80.75	15.47	-65.28	-47	-18.28	PASS
6457.231	V	-76.01	15.18	-60.83	-47	-13.83	PASS
1551.117	H	-73.92	11.58	-62.34	-47	-15.34	PASS
3636.371	H	-77.64	10.08	-67.56	-47	-20.56	PASS
4416.693	H	-75.73	15.07	-60.66	-47	-13.66	PASS
7865.952	H	-77.95	12.06	-65.89	-47	-18.89	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	-44.35	-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