



# **RADIO TEST REPORT**

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

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

**Product :** Smartphone

**Trade Mark :** CUBOT

**Model Name :** POCKET

**Family Model :** N/A

**Report No. :** S22032300102008

### **Prepared for**

Shenzhen Huafurui Technology Co., Ltd

Unit 1401 &1402, 14/F, Jinqi Zhigu Mansion (No. 4 Building of Chongwen Garden),  
Crossing of the Liuxian Street and Tangling Road, Taoyuan Street, Nanshan  
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### **Prepared by**

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**TEST RESULT CERTIFICATION**

**Applicant's name** ..... : Shenzhen Huafului Technology Co., Ltd  
**Address** ..... : Unit 1401 &1402, 14/F, Jinqi Zhigu Mansion (No. 4 Building of Chongwen Garden), Crossing of the Liuxian Street and Tangling Road, Taoyuan Street, Nanshan District, Shenzhen, P.R. China  
**Manufacturer's Name** ..... : Shenzhen Huafului Technology Co., Ltd  
**Address** ..... : Unit 1401 &1402, 14/F, Jinqi Zhigu Mansion (No. 4 Building of Chongwen Garden), Crossing of the Liuxian Street and Tangling Road, Taoyuan Street, Nanshan District, Shenzhen, P.R. China

**Product description**

**Product name** ..... : Smartphone  
**Trademark** ..... : CUBOT  
**Model Name** ..... : POCKET  
**Family Model** ..... : N/A

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

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

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

Date (s) of performance of tests ..... Feb 18. 2022 ~ Mar 15. 2022

Date of Issue..... Mar 16. 2022

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

Testing Engineer :



(Allen Liu)

Authorized Signatory :



(Alex Li)

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## Revision History

Report No.	Version	Description	Issued Date
S22032300102008	Rev.01	Initial issue of report	Mar 16. 2022

## 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 expended uncertainty  $U$  is based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of approximately 95 %.

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

## 2.GENERAL INFORMATION

### 2.1 GENERAL DESCRIPTION OF EUT

Equipment	Smartphone
Trade Mark	CUBOT
Model Name	POCKET
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: HJ-0502000W2-EU Input: 100-240V~50/60Hz, 0.3A Output: 5.0V---2.0A
Battery	DC 3.85V, 3000mAh
Rating	DC 3.85V from battery or DC 5V from Adapter.
Antenna:	PIFA Antenna
Antenna Gain:	Band I: 0.23dBi; Band III: -0.54dBi; Band VII: -0.58dBi; Band VIII: -0.46dBi; Band XX: -0.41dBi; Band XL: -0.62dBi;
Hardware Version	G2211E-UA-V1.0
Software Version	CUBOT_Pocket_C011C_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 GENERATOR	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)	=	40°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

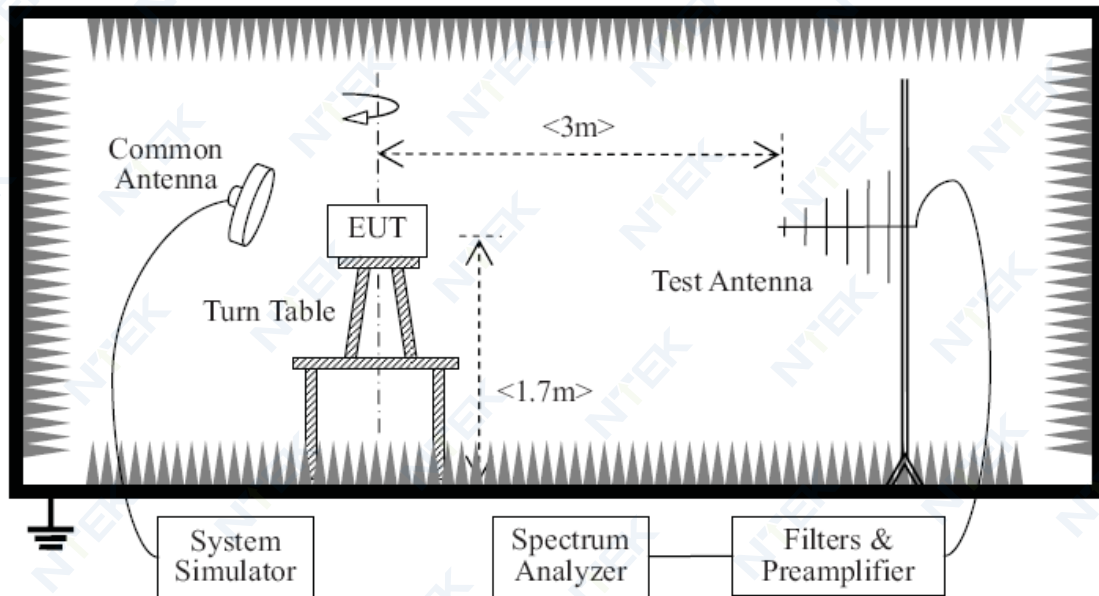
Table 2

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

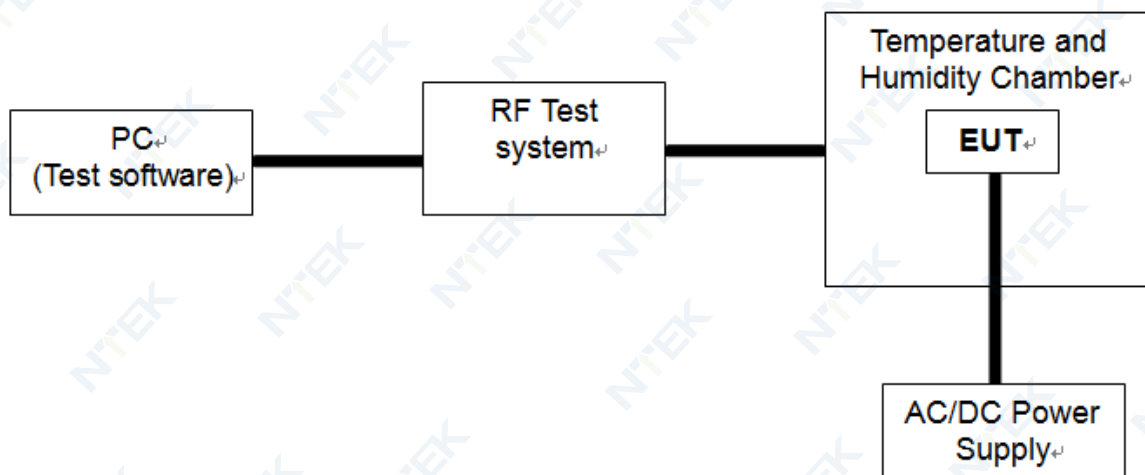
### 1. Radiated Spurious Emission Test Setup



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 &amp; APPENDIX B &amp; 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	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
51.84	-67.65	3.91	-63.74	-36	-27.74	PASS
199.34	-69.62	6.95	-62.67	-36	-26.67	PASS
445.30	-74.03	9.27	-64.76	-36	-28.76	PASS
826.48	-75.79	9.75	-66.04	-36	-30.04	PASS
Remark: 1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit						

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1473.12	-55.5	18.05	-37.45	-30	-7.45	PASS
2209.48	-61.62	15.75	-45.87	-30	-15.87	PASS
3428.58	-64.21	13.06	-51.15	-30	-21.15	PASS
4407.45	-67.53	12.52	-55.01	-30	-25.01	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)	
69.67	-60.71	3.91	-56.80	-36	-20.80	PASS
199.10	-60.35	6.95	-53.40	-36	-17.40	PASS
516.15	-75.69	9.27	-66.42	-36	-30.42	PASS
765.66	-67.91	9.75	-58.16	-36	-22.16	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)	
1766.24	-62.94	18.05	-44.89	-30	-14.89	PASS
2612.65	-62.01	15.75	-46.26	-30	-16.26	PASS
3904.01	-53.49	13.06	-40.43	-30	-10.43	PASS
8711.00	-65.1	12.52	-52.58	-30	-22.58	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)	
40.73	-60.36	3.91	-56.45	-36	-20.45	PASS
199.44	-60.6	6.95	-53.65	-36	-17.65	PASS
239.85	-60.28	9.27	-51.01	-36	-15.01	PASS
666.82	-67.37	9.75	-57.62	-36	-21.62	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)	
1604.35	-63.71	18.05	-45.66	-30	-15.66	PASS
2940.58	-59.94	15.75	-44.19	-30	-14.19	PASS
3201.61	-65.91	13.06	-52.85	-30	-22.85	PASS
4464.17	-69.43	12.52	-56.91	-30	-26.91	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)	
54.54	-77.62	3.91	-73.71	-36	-37.71	PASS
133.66	-63.15	6.95	-56.20	-36	-20.20	PASS
431.56	-62.02	9.27	-52.75	-36	-16.75	PASS
699.25	-67.42	9.75	-57.67	-36	-21.67	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)	
1435.82	-68.32	18.05	-50.27	-30	-20.27	PASS
2186.38	-66.85	15.75	-51.10	-30	-21.10	PASS
3590.12	-49.74	13.06	-36.68	-30	-6.68	PASS
7155.06	-52.97	12.52	-40.45	-30	-10.45	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)	
43.51	-59.98	3.91	-56.07	-36	-20.07	PASS
166.19	-72.72	6.95	-65.77	-36	-29.77	PASS
280.19	-72.83	9.27	-63.56	-36	-27.56	PASS
720.73	-66.98	9.75	-57.23	-36	-21.23	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)	
1006.90	-62.29	18.05	-44.24	-30	-14.24	PASS
2072.58	-53.46	15.75	-37.71	-30	-7.71	PASS
3987.07	-68.93	13.06	-55.87	-30	-25.87	PASS
7726.62	-54.79	12.52	-42.27	-30	-12.27	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)	
32.83	-69.96	3.91	-66.05	-36	-30.05	PASS
167.32	-71.03	6.95	-64.08	-36	-28.08	PASS
300.56	-62.71	9.27	-53.44	-36	-17.44	PASS
745.89	-78.54	9.75	-68.79	-36	-32.79	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)	
1524.32	-66.36	18.05	-48.31	-30	-18.31	PASS
2316.47	-69.31	15.75	-53.56	-30	-23.56	PASS
3327.09	-67.49	13.06	-54.43	-30	-24.43	PASS
9575.62	-49.68	12.52	-37.16	-30	-7.16	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)	
35.49	-64.82	3.91	-60.91	-36	-24.91	PASS
152.05	-66.93	6.95	-59.98	-36	-23.98	PASS
591.34	-68	9.27	-58.73	-36	-22.73	PASS
841.76	-64.8	9.75	-55.05	-36	-19.05	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)	
1273.42	-64.71	18.05	-46.66	-30	-16.66	PASS
2739.88	-50.82	15.75	-35.07	-30	-5.07	PASS
3131.45	-50.01	13.06	-36.95	-30	-6.95	PASS
6733.03	-49.86	12.52	-37.34	-30	-7.34	PASS
Remark: 1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit						

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
36.57	-65.87	3.91	-61.96	-36	-25.96	PASS
189.52	-65.45	6.95	-58.50	-36	-22.50	PASS
519.77	-67.6	9.27	-58.33	-36	-22.33	PASS
600.18	-78.01	9.75	-68.26	-36	-32.26	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)	
1272.69	-55.25	18.05	-37.20	-30	-7.20	PASS
2016.22	-68.66	15.75	-52.91	-30	-22.91	PASS
3900.68	-67.36	13.06	-54.30	-30	-24.30	PASS
10750.20	-62.77	12.52	-50.25	-30	-20.25	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)	
86.49	-57.65	2.35	-55.30	-36	-19.30	PASS
117.79	-59.19	1.38	-57.81	-36	-21.81	PASS
505.01	-62.57	5.45	-57.12	-36	-21.12	PASS
654.79	-69.85	1.45	-68.40	-36	-32.40	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)	
1447.74	-57.70	14.81	-42.89	-30	-12.89	PASS
2046.39	-57.98	15.91	-42.07	-30	-12.07	PASS
3458.46	-62.27	14.93	-47.34	-30	-17.34	PASS
6296.95	-49.38	16.55	-32.83	-30	-2.83	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)	
64.13	-49.50	5.93	-43.57	-36	-7.57	PASS
199.38	-56.95	9.25	-47.70	-36	-11.70	PASS
400.35	-64.48	4.35	-60.13	-36	-24.13	PASS
791.30	-61.96	8.47	-53.49	-36	-17.49	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)	
1460.09	-52.37	18.25	-34.12	-30	-4.12	PASS
2638.87	-69.29	18.87	-50.42	-30	-20.42	PASS
3163.84	-53.14	13.86	-39.28	-30	-9.28	PASS
6017.65	-57.61	10.24	-47.37	-30	-17.37	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)	
50.96	-63.71	6.38	-57.33	-36	-21.33	PASS
146.15	-49.71	8.65	-41.06	-36	-5.06	PASS
311.12	-59.93	1.51	-58.42	-36	-22.42	PASS
734.33	-66.55	9.03	-57.52	-36	-21.52	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)	
1733.21	-51.56	11.72	-39.84	-30	-9.84	PASS
2117.52	-68.54	15.95	-52.59	-30	-22.59	PASS
3865.29	-69.45	12.25	-57.20	-30	-27.20	PASS
11762.56	-49.91	15.98	-33.93	-30	-3.93	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)	
84.34	-51.14	1.69	-49.45	-36	-13.45	PASS
140.89	-52.58	3.80	-48.78	-36	-12.78	PASS
588.71	-68.07	3.93	-64.14	-36	-28.14	PASS
685.32	-57.35	8.89	-48.46	-36	-12.46	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)	
1653.49	-62.93	15.40	-47.53	-30	-17.53	PASS
2404.32	-53.92	14.23	-39.69	-30	-9.69	PASS
3572.32	-50.85	18.65	-32.20	-30	-2.20	PASS
11406.12	-54.15	16.16	-37.99	-30	-7.99	PASS
Remark: 1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit						

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
88.03	-72.48	3.91	-68.57	-36	-32.57	PASS
118.13	-78.38	6.95	-71.43	-36	-35.43	PASS
321.51	-70.31	9.27	-61.04	-36	-25.04	PASS
682.13	-75.31	9.75	-65.56	-36	-29.56	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1875.34	-57.83	18.05	-39.78	-30	-9.78	PASS
2927.28	-50.21	15.75	-34.46	-30	-4.46	PASS
3795.58	-64.11	13.06	-51.05	-30	-21.05	PASS
11334.68	-52.41	12.52	-39.89	-30	-9.89	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)	
57.35	-62.13	3.91	-58.22	-36	-22.22	PASS
174.45	-79.88	6.95	-72.93	-36	-36.93	PASS
325.75	-67.70	9.27	-58.43	-36	-22.43	PASS
865.73	-62.62	9.75	-52.87	-36	-16.87	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)	
1889.43	-62.92	18.05	-44.87	-30	-14.87	PASS
2112.29	-56.49	15.75	-40.74	-30	-10.74	PASS
3484.24	-63.66	13.06	-50.60	-30	-20.60	PASS
7171.73	-58.91	12.52	-46.39	-30	-16.39	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)	
75.57	-76.96	3.91	-73.05	-36	-37.05	PASS
133.48	-60.74	6.95	-53.79	-36	-17.79	PASS
339.54	-66.80	9.27	-57.53	-36	-21.53	PASS
845.68	-77.62	9.75	-67.87	-36	-31.87	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)	
1668.72	-51.2	18.05	-33.15	-30	-3.15	PASS
2887.55	-65.17	15.75	-49.42	-30	-19.42	PASS
3715.64	-51.64	13.06	-38.58	-30	-8.58	PASS
5925.92	-51.11	12.52	-38.59	-30	-8.59	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)	
34.53	-62.22	3.91	-58.31	-36	-22.31	PASS
197.55	-66.63	6.95	-59.68	-36	-23.68	PASS
290.26	-72.17	9.27	-62.90	-36	-26.90	PASS
616.01	-76.98	9.75	-67.23	-36	-31.23	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)	
1625.76	-69.87	18.05	-51.82	-30	-21.82	PASS
2966.10	-59.9	15.75	-44.15	-30	-14.15	PASS
3757.56	-61.27	13.06	-48.21	-30	-18.21	PASS
7143.46	-60.17	12.52	-47.65	-30	-17.65	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)	
62.31	-69.09	3.91	-65.18	-36	-29.18	PASS
130.90	-73.33	6.95	-66.38	-36	-30.38	PASS
320.77	-60.06	9.27	-50.79	-36	-14.79	PASS
662.38	-67.06	9.75	-57.31	-36	-21.31	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)	
1193.51	-52.4	18.05	-34.35	-30	-4.35	PASS
2784.25	-64.22	15.75	-48.47	-30	-18.47	PASS
3487.69	-49.82	13.06	-36.76	-30	-6.76	PASS
8346.79	-65.58	12.52	-53.06	-30	-23.06	PASS

Remark:

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



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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
85.79	-77.93	3.91	-74.02	-36	-38.02	PASS
128.46	-76.68	6.95	-69.73	-36	-33.73	PASS
277.57	-75.82	9.27	-66.55	-36	-30.55	PASS
675.48	-65.69	9.75	-55.94	-36	-19.94	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1029.69	-57.33	18.05	-39.28	-30	-9.28	PASS
2448.55	-62.6	15.75	-46.85	-30	-16.85	PASS
3108.16	-51.66	13.06	-38.60	-30	-8.60	PASS
10159.62	-55.46	12.52	-42.94	-30	-12.94	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
43.38	-72.40	3.91	-68.49	-36	-32.49	PASS
156.00	-76.18	6.95	-69.23	-36	-33.23	PASS
368.84	-63.29	9.27	-54.02	-36	-18.02	PASS
745.69	-64.87	9.75	-55.12	-36	-19.12	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1553.80	-68.88	18.05	-50.83	-30	-20.83	PASS
2671.62	-53.58	15.75	-37.83	-30	-7.83	PASS
3897.72	-55.33	13.06	-42.27	-30	-12.27	PASS
9735.07	-63.1	12.52	-50.58	-30	-20.58	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)	
64.05	-73.51	3.91	-69.60	-36	-33.60	PASS
92.76	-77.34	6.95	-70.39	-36	-34.39	PASS
210.82	-65.57	9.27	-56.30	-36	-20.30	PASS
757.21	-73.94	9.75	-64.19	-36	-28.19	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)	
1956.47	-52.39	18.05	-34.34	-30	-4.34	PASS
2637.77	-65.71	15.75	-49.96	-30	-19.96	PASS
3775.09	-65.8	13.06	-52.74	-30	-22.74	PASS
4625.55	-69.74	12.52	-57.22	-30	-27.22	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)	
90.13	-79.73	3.91	-75.82	-36	-39.82	PASS
189.48	-72.07	6.95	-65.12	-36	-29.12	PASS
556.68	-64.73	9.27	-55.46	-36	-19.46	PASS
693.55	-75.01	9.75	-65.26	-36	-29.26	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)	
1583.55	-51.7	18.05	-33.65	-30	-3.65	PASS
2150.07	-65.85	15.75	-50.10	-30	-20.10	PASS
3874.95	-54.47	13.06	-41.41	-30	-11.41	PASS
6415.15	-62.49	12.52	-49.97	-30	-19.97	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)	
90.51	-77.78	3.91	-73.87	-36	-37.87	PASS
141.67	-61.57	6.95	-54.62	-36	-18.62	PASS
435.51	-71.68	9.27	-62.41	-36	-26.41	PASS
769.99	-66.80	9.75	-57.05	-36	-21.05	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)	
1442.36	-65.95	18.05	-47.90	-30	-17.90	PASS
2691.77	-58.63	15.75	-42.88	-30	-12.88	PASS
3908.49	-61.11	13.06	-48.05	-30	-18.05	PASS
11038.18	-69.45	12.52	-56.93	-30	-26.93	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)	
40.90	-60.16	3.91	-56.25	-36	-20.25	PASS
100.47	-75.05	6.95	-68.10	-36	-32.10	PASS
521.98	-67.33	9.27	-58.06	-36	-22.06	PASS
661.73	-72.86	9.75	-63.11	-36	-27.11	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)	
1034.96	-63.87	18.05	-45.82	-30	-15.82	PASS
2246.98	-58.59	15.75	-42.84	-30	-12.84	PASS
3964.70	-54.41	13.06	-41.35	-30	-11.35	PASS
6887.38	-56.21	12.52	-43.69	-30	-13.69	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)	
75.81	-74.09	3.91	-70.18	-36	-34.18	PASS
180.56	-76.04	6.95	-69.09	-36	-33.09	PASS
213.16	-75.68	9.27	-66.41	-36	-30.41	PASS
888.31	-75.54	9.75	-65.79	-36	-29.79	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)	
1297.75	-66.14	18.05	-48.09	-30	-18.09	PASS
2718.21	-51.67	15.75	-35.92	-30	-5.92	PASS
3509.46	-55.34	13.06	-42.28	-30	-12.28	PASS
6884.18	-65.19	12.52	-52.67	-30	-22.67	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	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
56.74	-71.49	3.91	-67.58	-36	-31.58	PASS
160.59	-77.22	6.95	-70.27	-36	-34.27	PASS
293.02	-61.60	9.27	-52.33	-36	-16.33	PASS
818.22	-69.07	9.75	-59.32	-36	-23.32	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1155.84	-63.68	18.05	-45.63	-30	-15.63	PASS
2269.08	-57.6	15.75	-41.85	-30	-11.85	PASS
3387.26	-54.6	13.06	-41.54	-30	-11.54	PASS
4783.38	-55.02	12.52	-42.50	-30	-12.50	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)	
90.72	-70.12	3.91	-66.21	-36	-30.21	PASS
118.71	-70.96	6.95	-64.01	-36	-28.01	PASS
297.00	-69.72	9.27	-60.45	-36	-24.45	PASS
810.99	-59.70	9.75	-49.95	-36	-13.95	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)	
1494.89	-61.78	18.05	-43.73	-30	-13.73	PASS
2094.98	-59.48	15.75	-43.73	-30	-13.73	PASS
3593.15	-60.85	13.06	-47.79	-30	-17.79	PASS
11930.08	-61.95	12.52	-49.43	-30	-19.43	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)	
54.94	-78.14	3.91	-74.23	-36	-38.23	PASS
95.43	-70.03	6.95	-63.08	-36	-27.08	PASS
575.73	-67.38	9.27	-58.11	-36	-22.11	PASS
778.75	-67.28	9.75	-57.53	-36	-21.53	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1253.94	-64.7	18.05	-46.65	-30	-16.65	PASS
2446.30	-55.07	15.75	-39.32	-30	-9.32	PASS
3740.98	-67.54	13.06	-54.48	-30	-24.48	PASS
7270.24	-57.94	12.52	-45.42	-30	-15.42	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)	
43.32	-78.64	3.91	-74.73	-36	-38.73	PASS
163.68	-66.96	6.95	-60.01	-36	-24.01	PASS
482.14	-60.33	9.27	-51.06	-36	-15.06	PASS
752.41	-77.83	9.75	-68.08	-36	-32.08	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)	
1529.42	-52.07	18.05	-34.02	-30	-4.02	PASS
2525.11	-64.01	15.75	-48.26	-30	-18.26	PASS
3754.71	-60.6	13.06	-47.54	-30	-17.54	PASS
6751.25	-68.26	12.52	-55.74	-30	-25.74	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)	
73.21	-72.47	3.91	-68.56	-36	-32.56	PASS
124.95	-73.60	6.95	-66.65	-36	-30.65	PASS
272.28	-70.86	9.27	-61.59	-36	-25.59	PASS
736.36	-60.73	9.75	-50.98	-36	-14.98	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)	
1351.03	-58.9	18.05	-40.85	-30	-10.85	PASS
2148.56	-50.57	15.75	-34.82	-30	-4.82	PASS
3878.11	-52.75	13.06	-39.69	-30	-9.69	PASS
5909.63	-55.2	12.52	-42.68	-30	-12.68	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)	
69.18	-63.86	3.91	-59.95	-36	-23.95	PASS
156.12	-61.30	6.95	-54.35	-36	-18.35	PASS
402.15	-77.50	9.27	-68.23	-36	-32.23	PASS
785.38	-67.32	9.75	-57.57	-36	-21.57	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)	
1047.94	-63.69	18.05	-45.64	-30	-15.64	PASS
2323.19	-64.97	15.75	-49.22	-30	-19.22	PASS
3060.68	-59.42	13.06	-46.36	-30	-16.36	PASS
9332.56	-63.41	12.52	-50.89	-30	-20.89	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)	
33.52	-54.90	3.91	-50.99	-36	-14.99	PASS
102.84	-59.48	6.95	-52.53	-36	-16.53	PASS
582.05	-51.72	9.27	-42.45	-36	-6.45	PASS
883.95	-52.51	9.75	-42.76	-36	-6.76	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)	
1064.61	-50.67	18.05	-32.62	-30	-2.62	PASS
2304.83	-58.13	15.75	-42.38	-30	-12.38	PASS
3904.04	-51.97	13.06	-38.91	-30	-8.91	PASS
8196.86	-49.54	12.52	-37.02	-30	-7.02	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)	
85.92	-55.04	3.91	-51.13	-36	-15.13	PASS
105.84	-50.51	6.95	-43.56	-36	-7.56	PASS
505.58	-50.27	9.27	-41.00	-36	-5.00	PASS
777.59	-57.75	9.75	-48.00	-36	-12.00	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)	
1232.14	-54.84	18.05	-36.79	-30	-6.79	PASS
2597.75	-55.40	15.75	-39.65	-30	-9.65	PASS
3881.72	-58.00	13.06	-44.94	-30	-14.94	PASS
11375.55	-53.22	12.52	-40.70	-30	-10.70	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)	
49.73	-52.71	3.91	-48.80	-36	-12.80	PASS
128.19	-56.91	6.95	-49.96	-36	-13.96	PASS
389.18	-52.28	9.27	-43.01	-36	-7.01	PASS
656.00	-55.98	9.75	-46.23	-36	-10.23	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)	
1940.58	-50.64	18.05	-32.59	-30	-2.59	PASS
2837.39	-57.74	15.75	-41.99	-30	-11.99	PASS
3420.34	-59.63	13.06	-46.57	-30	-16.57	PASS
7616.16	-53.68	12.52	-41.16	-30	-11.16	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)	
89.70	-50.40	3.91	-46.49	-36	-10.49	PASS
186.12	-53.92	6.95	-46.97	-36	-10.97	PASS
249.59	-51.86	9.27	-42.59	-36	-6.59	PASS
631.72	-52.60	9.75	-42.85	-36	-6.85	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1877.01	-58.68	18.05	-40.63	-30	-10.63	PASS
2642.67	-52.38	15.75	-36.63	-30	-6.63	PASS
3518.67	-52.62	13.06	-39.56	-30	-9.56	PASS
9077.00	-49.15	12.52	-36.63	-30	-6.63	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
55.92	-56.11	3.91	-52.20	-36	-16.20	PASS
196.04	-50.14	6.95	-43.19	-36	-7.19	PASS
552.75	-57.72	9.27	-48.45	-36	-12.45	PASS
850.13	-51.01	9.75	-41.26	-36	-5.26	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)	
1350.35	-53.04	18.05	-34.99	-30	-4.99	PASS
2090.37	-49.88	15.75	-34.13	-30	-4.13	PASS
3932.37	-55.64	13.06	-42.58	-30	-12.58	PASS
8406.52	-58.87	12.52	-46.35	-30	-16.35	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)	
67.20	-49.87	3.91	-45.96	-36	-9.96	PASS
195.11	-58.18	6.95	-51.23	-36	-15.23	PASS
383.78	-51.59	9.27	-42.32	-36	-6.32	PASS
780.06	-56.61	9.75	-46.86	-36	-10.86	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1782.85	-50.55	18.05	-32.50	-30	-2.50	PASS
2537.81	-55.53	15.75	-39.78	-30	-9.78	PASS
3152.85	-49.13	13.06	-36.07	-30	-6.07	PASS
9696.46	-56.73	12.52	-44.21	-30	-14.21	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
43.58	-79.50	3.91	-75.59	-36	-39.59	PASS
178.31	-67.70	6.95	-60.75	-36	-24.75	PASS
573.86	-78.35	9.27	-69.08	-36	-33.08	PASS
627.61	-75.16	9.75	-65.41	-36	-29.41	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)	
1834.89	-58.63	18.05	-40.58	-30	-10.58	PASS
2822.58	-51.37	15.75	-35.62	-30	-5.62	PASS
3294.97	-60.27	13.06	-47.21	-30	-17.21	PASS
10697.28	-53.07	12.52	-40.55	-30	-10.55	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)	
64.45	-62.37	3.91	-58.46	-36	-22.46	PASS
110.52	-60.55	6.95	-53.60	-36	-17.60	PASS
395.30	-74.00	9.27	-64.73	-36	-28.73	PASS
867.04	-78.30	9.75	-68.55	-36	-32.55	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)	
1082.23	-57.92	18.05	-39.87	-30	-9.87	PASS
2629.99	-69.29	15.75	-53.54	-30	-23.54	PASS
3473.10	-63.99	13.06	-50.93	-30	-20.93	PASS
6877.51	-60.31	12.52	-47.79	-30	-17.79	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)	
38.83	-68.12	3.91	-64.21	-36	-28.21	PASS
145.29	-60.68	6.95	-53.73	-36	-17.73	PASS
236.90	-68.16	9.27	-58.89	-36	-22.89	PASS
652.42	-59.09	9.75	-49.34	-36	-13.34	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)	
1597.91	-68.46	18.05	-50.41	-30	-20.41	PASS
2353.79	-56.69	15.75	-40.94	-30	-10.94	PASS
3469.45	-60.81	13.06	-47.75	-30	-17.75	PASS
6224.59	-66.25	12.52	-53.73	-30	-23.73	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)	
75.59	-59.80	3.91	-55.89	-36	-19.89	PASS
152.02	-72.81	6.95	-65.86	-36	-29.86	PASS
487.63	-66.02	9.27	-56.75	-36	-20.75	PASS
744.28	-65.15	9.75	-55.40	-36	-19.40	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)	
1772.72	-57.06	18.05	-39.01	-30	-9.01	PASS
2694.75	-56.29	15.75	-40.54	-30	-10.54	PASS
3617.54	-51.62	13.06	-38.56	-30	-8.56	PASS
11552.80	-63.85	12.52	-51.33	-30	-21.33	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)	
80.01	-76.39	3.91	-72.48	-36	-36.48	PASS
132.63	-77.94	6.95	-70.99	-36	-34.99	PASS
432.17	-78.49	9.27	-69.22	-36	-33.22	PASS
606.81	-73.55	9.75	-63.80	-36	-27.80	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)	
1032.22	-67.54	18.05	-49.49	-30	-19.49	PASS
2751.93	-52.25	15.75	-36.50	-30	-6.50	PASS
3556.15	-59.59	13.06	-46.53	-30	-16.53	PASS
11619.46	-63.14	12.52	-50.62	-30	-20.62	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)	
49.75	-74.60	3.91	-70.69	-36	-34.69	PASS
127.99	-76.59	6.95	-69.64	-36	-33.64	PASS
436.45	-62.32	9.27	-53.05	-36	-17.05	PASS
661.26	-63.34	9.75	-53.59	-36	-17.59	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)	
1150.82	-56.64	18.05	-38.59	-30	-8.59	PASS
2110.56	-66.42	15.75	-50.67	-30	-20.67	PASS
3334.05	-50.78	13.06	-37.72	-30	-7.72	PASS
6125.22	-62.28	12.52	-49.76	-30	-19.76	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
42.00	-73.88	3.91	-69.97	-36	-33.97	PASS
91.97	-74.32	6.95	-67.37	-36	-31.37	PASS
593.38	-69.05	9.27	-59.78	-36	-23.78	PASS
745.57	-67.98	9.75	-58.23	-36	-22.23	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)	
1334.01	-54.78	18.05	-36.73	-30	-6.73	PASS
2722.49	-60.5	15.75	-44.75	-30	-14.75	PASS
3980.20	-65.29	13.06	-52.23	-30	-22.23	PASS
4542.96	-61.84	12.52	-49.32	-30	-19.32	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)	
31.10	-61.60	3.91	-57.69	-36	-21.69	PASS
196.72	-71.96	6.95	-65.01	-36	-29.01	PASS
493.57	-61.95	9.27	-52.68	-36	-16.68	PASS
668.72	-71.76	9.75	-62.01	-36	-26.01	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)	
1721.82	-54.81	18.05	-36.76	-30	-6.76	PASS
2007.21	-59.36	15.75	-43.61	-30	-13.61	PASS
3443.95	-64.44	13.06	-51.38	-30	-21.38	PASS
9489.14	-56.28	12.52	-43.76	-30	-13.76	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)	
87.81	-71.13	3.91	-67.22	-36	-31.22	PASS
93.42	-74.29	6.95	-67.34	-36	-31.34	PASS
590.75	-79.95	9.27	-70.68	-36	-34.68	PASS
757.70	-68.01	9.75	-58.26	-36	-22.26	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)	
1990.19	-62.02	18.05	-43.97	-30	-13.97	PASS
2213.44	-66.41	15.75	-50.66	-30	-20.66	PASS
3820.04	-61.71	13.06	-48.65	-30	-18.65	PASS
10892.74	-51.49	12.52	-38.97	-30	-8.97	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)	
46.82	-63.69	3.91	-59.78	-36	-23.78	PASS
148.47	-65.44	6.95	-58.49	-36	-22.49	PASS
297.10	-76.65	9.27	-67.38	-36	-31.38	PASS
814.94	-69.18	9.75	-59.43	-36	-23.43	PASS

Remark:

- 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)	
1853.62	-60.88	18.05	-42.83	-30	-12.83	PASS
2824.02	-58.77	15.75	-43.02	-30	-13.02	PASS
3117.31	-56.8	13.06	-43.74	-30	-13.74	PASS
8715.54	-49.95	12.52	-37.43	-30	-7.43	PASS

Remark:

- 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)	
88.12	-72.77	3.91	-68.86	-36	-32.86	PASS
135.21	-66.63	6.95	-59.68	-36	-23.68	PASS
523.50	-61.65	9.27	-52.38	-36	-16.38	PASS
833.77	-67.38	9.75	-57.63	-36	-21.63	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)	
1971.73	-55.39	18.05	-37.34	-30	-7.34	PASS
2194.04	-49.1	15.75	-33.35	-30	-3.35	PASS
3276.94	-54.86	13.06	-41.80	-30	-11.80	PASS
5454.52	-51.66	12.52	-39.14	-30	-9.14	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)	
74.05	-65.03	3.91	-61.12	-36	-25.12	PASS
92.40	-61.23	6.95	-54.28	-36	-18.28	PASS
423.99	-63.36	9.27	-54.09	-36	-18.09	PASS
611.64	-71.04	9.75	-61.29	-36	-25.29	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)	
1698.58	-51.68	18.05	-33.63	-30	-3.63	PASS
2014.75	-63.17	15.75	-47.42	-30	-17.42	PASS
3725.24	-69.4	13.06	-56.34	-30	-26.34	PASS
8547.26	-63	12.52	-50.48	-30	-20.48	PASS

Remark:

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



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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
61.98	-79.66	3.91	-75.75	-36	-39.75	PASS
162.56	-79.59	6.95	-72.64	-36	-36.64	PASS
578.48	-60.40	9.27	-51.13	-36	-15.13	PASS
864.49	-63.37	9.75	-53.62	-36	-17.62	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)	
1709.42	-66.09	18.05	-48.04	-30	-18.04	PASS
2728.07	-61.57	15.75	-45.82	-30	-15.82	PASS
3309.05	-68.59	13.06	-55.53	-30	-25.53	PASS
4436.89	-58	12.52	-45.48	-30	-15.48	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)	
74.41	-62.02	3.91	-58.11	-36	-22.11	PASS
129.23	-75.45	6.95	-68.50	-36	-32.50	PASS
272.76	-77.69	9.27	-68.42	-36	-32.42	PASS
802.15	-70.05	9.75	-60.30	-36	-24.30	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)	
1595.73	-66.74	18.05	-48.69	-30	-18.69	PASS
2906.72	-51.06	15.75	-35.31	-30	-5.31	PASS
3486.35	-56.17	13.06	-43.11	-30	-13.11	PASS
11675.40	-54.08	12.52	-41.56	-30	-11.56	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)	
69.64	-73.65	3.91	-69.74	-36	-33.74	PASS
111.94	-62.55	6.95	-55.60	-36	-19.60	PASS
482.05	-69.06	9.27	-59.79	-36	-23.79	PASS
799.92	-75.26	9.75	-65.51	-36	-29.51	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)	
1255.15	-65.53	18.05	-47.48	-30	-17.48	PASS
2648.14	-65.56	15.75	-49.81	-30	-19.81	PASS
3381.87	-57.81	13.06	-44.75	-30	-14.75	PASS
5292.52	-62.4	12.52	-49.88	-30	-19.88	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)	
68.55	-71.17	3.91	-67.26	-36	-31.26	PASS
129.43	-60.54	6.95	-53.59	-36	-17.59	PASS
200.73	-66.31	9.27	-57.04	-36	-21.04	PASS
612.31	-63.50	9.75	-53.75	-36	-17.75	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)	
1513.20	-54.11	18.05	-36.06	-30	-6.06	PASS
2732.71	-60.07	15.75	-44.32	-30	-14.32	PASS
3354.01	-64.9	13.06	-51.84	-30	-21.84	PASS
7117.68	-69.29	12.52	-56.77	-30	-26.77	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)	
54.29	-75.91	3.91	-72.00	-36	-36.00	PASS
158.58	-60.66	6.95	-53.71	-36	-17.71	PASS
481.82	-68.55	9.27	-59.28	-36	-23.28	PASS
861.04	-60.79	9.75	-51.04	-36	-15.04	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)	
1336.42	-67.6	18.05	-49.55	-30	-19.55	PASS
2970.91	-67.29	15.75	-51.54	-30	-21.54	PASS
3677.45	-63.35	13.06	-50.29	-30	-20.29	PASS
8470.90	-52.99	12.52	-40.47	-30	-10.47	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
72.34	-66.96	3.91	-63.05	-36	-27.05	PASS
144.96	-65.97	6.95	-59.02	-36	-23.02	PASS
280.46	-71.77	9.27	-62.50	-36	-26.50	PASS
707.03	-60.80	9.75	-51.05	-36	-15.05	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)	
1931.38	-61.64	18.05	-43.59	-30	-13.59	PASS
2056.36	-49.8	15.75	-34.05	-30	-4.05	PASS
3724.20	-51.16	13.06	-38.10	-30	-8.10	PASS
5334.25	-51.63	12.52	-39.11	-30	-9.11	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)	
89.69	-64.13	3.91	-60.22	-36	-24.22	PASS
168.26	-66.76	6.95	-59.81	-36	-23.81	PASS
297.72	-69.15	9.27	-59.88	-36	-23.88	PASS
600.02	-74.94	9.75	-65.19	-36	-29.19	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)	
1245.64	-59.91	18.05	-41.86	-30	-11.86	PASS
2624.79	-69.05	15.75	-53.30	-30	-23.30	PASS
3159.59	-65.68	13.06	-52.62	-30	-22.62	PASS
7300.66	-67.58	12.52	-55.06	-30	-25.06	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)	
47.04	-75.99	3.91	-72.08	-36	-36.08	PASS
165.40	-59.57	6.95	-52.62	-36	-16.62	PASS
596.43	-74.75	9.27	-65.48	-36	-29.48	PASS
764.63	-63.12	9.75	-53.37	-36	-17.37	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)	
1170.24	-62.32	18.05	-44.27	-30	-14.27	PASS
2782.90	-50.49	15.75	-34.74	-30	-4.74	PASS
3997.88	-62.95	13.06	-49.89	-30	-19.89	PASS
6009.02	-67.89	12.52	-55.37	-30	-25.37	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)	
74.02	-64.49	3.91	-60.58	-36	-24.58	PASS
107.55	-68.60	6.95	-61.65	-36	-25.65	PASS
385.06	-72.38	9.27	-63.11	-36	-27.11	PASS
693.23	-71.00	9.75	-61.25	-36	-25.25	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)	
1931.78	-60.3	18.05	-42.25	-30	-12.25	PASS
2362.96	-69.7	15.75	-53.95	-30	-23.95	PASS
3055.92	-67.73	13.06	-54.67	-30	-24.67	PASS
7396.62	-65.14	12.52	-52.62	-30	-22.62	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)	
31.79	-78.27	3.91	-74.36	-36	-38.36	PASS
186.51	-67.54	6.95	-60.59	-36	-24.59	PASS
349.84	-71.76	9.27	-62.49	-36	-26.49	PASS
742.18	-71.47	9.75	-61.72	-36	-25.72	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)	
1246.21	-66.45	18.05	-48.40	-30	-18.40	PASS
2899.89	-68.49	15.75	-52.74	-30	-22.74	PASS
3120.88	-62.8	13.06	-49.74	-30	-19.74	PASS
7468.67	-54.5	12.52	-41.98	-30	-11.98	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
31.02	-71.82	3.91	-67.91	-36	-31.91	PASS
156.86	-70.52	6.95	-63.57	-36	-27.57	PASS
580.33	-63.55	9.27	-54.28	-36	-18.28	PASS
855.02	-76.07	9.75	-66.32	-36	-30.32	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)	
1891.84	-60.64	18.05	-42.59	-30	-12.59	PASS
2812.19	-60.95	15.75	-45.20	-30	-15.20	PASS
3851.75	-54.16	13.06	-41.10	-30	-11.10	PASS
5074.09	-68.1	12.52	-55.58	-30	-25.58	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)	
62.04	-76.41	3.91	-72.50	-36	-36.50	PASS
188.43	-65.42	6.95	-58.47	-36	-22.47	PASS
404.75	-63.93	9.27	-54.66	-36	-18.66	PASS
642.10	-59.00	9.75	-49.25	-36	-13.25	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)	
1182.62	-67.92	18.05	-49.87	-30	-19.87	PASS
2637.24	-50.13	15.75	-34.38	-30	-4.38	PASS
3553.75	-68.52	13.06	-55.46	-30	-25.46	PASS
6981.08	-50.04	12.52	-37.52	-30	-7.52	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
79.43	-70.86	3.91	-66.95	-36	-30.95	PASS
142.04	-65.35	6.95	-58.40	-36	-22.40	PASS
414.08	-62.80	9.27	-53.53	-36	-17.53	PASS
736.19	-69.52	9.75	-59.77	-36	-23.77	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)	
1515.04	-49.1	18.05	-31.05	-30	-1.05	PASS
2254.22	-54.81	15.75	-39.06	-30	-9.06	PASS
3808.39	-67.3	13.06	-54.24	-30	-24.24	PASS
7951.71	-53.33	12.52	-40.81	-30	-10.81	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)	
52.92	-67.58	3.91	-63.67	-36	-27.67	PASS
153.18	-66.72	6.95	-59.77	-36	-23.77	PASS
270.06	-73.77	9.27	-64.50	-36	-28.50	PASS
750.31	-62.22	9.75	-52.47	-36	-16.47	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)	
1967.50	-50.69	18.05	-32.64	-30	-2.64	PASS
2475.85	-58.07	15.75	-42.32	-30	-12.32	PASS
3362.00	-57.49	13.06	-44.43	-30	-14.43	PASS
7805.75	-54.84	12.52	-42.32	-30	-12.32	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
35.48	-77.79	3.91	-73.88	-36	-37.88	PASS
195.57	-61.08	6.95	-54.13	-36	-18.13	PASS
400.59	-63.18	9.27	-53.91	-36	-17.91	PASS
626.59	-72.94	9.75	-63.19	-36	-27.19	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)	
1059.55	-61.7	18.05	-43.65	-30	-13.65	PASS
2286.81	-52.55	15.75	-36.80	-30	-6.80	PASS
3588.07	-55.2	13.06	-42.14	-30	-12.14	PASS
11067.86	-53.33	12.52	-40.81	-30	-10.81	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)	
40.62	-64.56	3.91	-60.65	-36	-24.65	PASS
125.19	-63.78	6.95	-56.83	-36	-20.83	PASS
576.57	-76.73	9.27	-67.46	-36	-31.46	PASS
752.15	-63.06	9.75	-53.31	-36	-17.31	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)	
1264.89	-57.77	18.05	-39.72	-30	-9.72	PASS
2279.30	-50.74	15.75	-34.99	-30	-4.99	PASS
3782.71	-53.82	13.06	-40.76	-30	-10.76	PASS
4393.91	-64.77	12.52	-52.25	-30	-22.25	PASS

Remark:

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



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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
80.91	-69.11	3.91	-65.20	-36	-29.20	PASS
167.75	-77.57	6.95	-70.62	-36	-34.62	PASS
256.12	-60.80	9.27	-51.53	-36	-15.53	PASS
623.12	-65.25	9.75	-55.50	-36	-19.50	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1442.35	-61.62	18.05	-43.57	-30	-13.57	PASS
2472.72	-60.93	15.75	-45.18	-30	-15.18	PASS
3694.39	-54.25	13.06	-41.19	-30	-11.19	PASS
10162.39	-64.85	12.52	-52.33	-30	-22.33	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)	
83.43	-65.77	3.91	-61.86	-36	-25.86	PASS
150.74	-75.14	6.95	-68.19	-36	-32.19	PASS
588.85	-65.88	9.27	-56.61	-36	-20.61	PASS
627.29	-64.37	9.75	-54.62	-36	-18.62	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1168.39	-66.06	18.05	-48.01	-30	-18.01	PASS
2231.90	-54.98	15.75	-39.23	-30	-9.23	PASS
3462.53	-61.74	13.06	-48.68	-30	-18.68	PASS
10200.00	-56.67	12.52	-44.15	-30	-14.15	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
69.70	-74.59	3.91	-70.68	-36	-34.68	PASS
136.52	-79.14	6.95	-72.19	-36	-36.19	PASS
373.88	-76.66	9.27	-67.39	-36	-31.39	PASS
707.99	-61.37	9.75	-51.62	-36	-15.62	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1861.31	-49.27	18.05	-31.22	-30	-1.22	PASS
2365.34	-69.55	15.75	-53.80	-30	-23.80	PASS
3513.97	-68.2	13.06	-55.14	-30	-25.14	PASS
10907.68	-68.55	12.52	-56.03	-30	-26.03	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)	
90.66	-73.09	3.91	-69.18	-36	-33.18	PASS
189.64	-73.96	6.95	-67.01	-36	-31.01	PASS
409.40	-72.21	9.27	-62.94	-36	-26.94	PASS
860.52	-72.32	9.75	-62.57	-36	-26.57	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)	
1261.64	-55.57	18.05	-37.52	-30	-7.52	PASS
2641.11	-53.26	15.75	-37.51	-30	-7.51	PASS
3014.07	-55.48	13.06	-42.42	-30	-12.42	PASS
10287.44	-58.03	12.52	-45.51	-30	-15.51	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)	
57.47	-78.99	3.91	-75.08	-36	-39.08	PASS
194.89	-60.20	6.95	-53.25	-36	-17.25	PASS
267.06	-78.16	9.27	-68.89	-36	-32.89	PASS
726.80	-71.84	9.75	-62.09	-36	-26.09	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)	
1936.30	-62.18	18.05	-44.13	-30	-14.13	PASS
2277.40	-54.21	15.75	-38.46	-30	-8.46	PASS
3304.05	-62.78	13.06	-49.72	-30	-19.72	PASS
5016.04	-57.99	12.52	-45.47	-30	-15.47	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)	
53.28	-68.89	3.91	-64.98	-36	-28.98	PASS
100.38	-65.80	6.95	-58.85	-36	-22.85	PASS
528.18	-78.38	9.27	-69.11	-36	-33.11	PASS
626.38	-74.01	9.75	-64.26	-36	-28.26	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1077.10	-57.27	18.05	-39.22	-30	-9.22	PASS
2245.54	-56.8	15.75	-41.05	-30	-11.05	PASS
3923.80	-61.65	13.06	-48.59	-30	-18.59	PASS
7281.54	-58.65	12.52	-46.13	-30	-16.13	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
47.01	-72.80	3.91	-68.89	-36	-32.89	PASS
94.82	-76.37	6.95	-69.42	-36	-33.42	PASS
575.52	-77.71	9.27	-68.44	-36	-32.44	PASS
725.70	-73.06	9.75	-63.31	-36	-27.31	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)	
1206.81	-61.48	18.05	-43.43	-30	-13.43	PASS
2683.29	-49.05	15.75	-33.30	-30	-3.30	PASS
3137.34	-57.41	13.06	-44.35	-30	-14.35	PASS
6233.32	-55.1	12.52	-42.58	-30	-12.58	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)	
81.79	-77.97	3.91	-74.06	-36	-38.06	PASS
151.84	-65.81	6.95	-58.86	-36	-22.86	PASS
564.02	-75.03	9.27	-65.76	-36	-29.76	PASS
722.80	-72.95	9.75	-63.20	-36	-27.20	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)	
1448.90	-69.48	18.05	-51.43	-30	-21.43	PASS
2849.59	-49.62	15.75	-33.87	-30	-3.87	PASS
3438.73	-49.07	13.06	-36.01	-30	-6.01	PASS
4538.32	-60.63	12.52	-48.11	-30	-18.11	PASS

Remark:

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



## Band 40 CH L 20M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
75.31	-60.24	3.91	-56.33	-36	-20.33	PASS
183.71	-70.62	6.95	-63.67	-36	-27.67	PASS
431.49	-74.06	9.27	-64.79	-36	-28.79	PASS
711.82	-78.58	9.75	-68.83	-36	-32.83	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)	
1951.09	-56.43	18.05	-38.38	-30	-8.38	PASS
2313.43	-53.45	15.75	-37.70	-30	-7.70	PASS
3673.41	-59.7	13.06	-46.64	-30	-16.64	PASS
11175.00	-54.22	12.52	-41.70	-30	-11.70	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)	
85.20	-68.17	3.91	-64.26	-36	-28.26	PASS
160.38	-72.67	6.95	-65.72	-36	-29.72	PASS
271.00	-60.80	9.27	-51.53	-36	-15.53	PASS
799.00	-69.10	9.75	-59.35	-36	-23.35	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)	
1102.93	-67.09	18.05	-49.04	-30	-19.04	PASS
2392.61	-65.89	15.75	-50.14	-30	-20.14	PASS
3798.56	-55.69	13.06	-42.63	-30	-12.63	PASS
8865.17	-57.02	12.52	-44.50	-30	-14.50	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
71.84	-72.07	3.91	-68.16	-36	-32.16	PASS
139.63	-69.75	6.95	-62.80	-36	-26.80	PASS
360.99	-61.74	9.27	-52.47	-36	-16.47	PASS
785.46	-66.54	9.75	-56.79	-36	-20.79	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)	
1232.51	-69.2	18.05	-51.15	-30	-21.15	PASS
2078.77	-68.05	15.75	-52.30	-30	-22.30	PASS
3547.68	-65.06	13.06	-52.00	-30	-22.00	PASS
9720.95	-64.83	12.52	-52.31	-30	-22.31	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)	
86.95	-69.49	3.91	-65.58	-36	-29.58	PASS
123.49	-61.39	6.95	-54.44	-36	-18.44	PASS
282.26	-59.85	9.27	-50.58	-36	-14.58	PASS
697.88	-78.51	9.75	-68.76	-36	-32.76	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)	
1991.99	-55.59	18.05	-37.54	-30	-7.54	PASS
2854.39	-56.36	15.75	-40.61	-30	-10.61	PASS
3248.04	-58.33	13.06	-45.27	-30	-15.27	PASS
4239.95	-52.61	12.52	-40.09	-30	-10.09	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
35.93	-71.25	3.91	-67.34	-36	-31.34	PASS
176.24	-69.24	6.95	-62.29	-36	-26.29	PASS
244.10	-75.52	9.27	-66.25	-36	-30.25	PASS
625.21	-61.32	9.75	-51.57	-36	-15.57	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1090.36	-67.41	18.05	-49.36	-30	-19.36	PASS
2692.46	-59.9	15.75	-44.15	-30	-14.15	PASS
3790.70	-56.88	13.06	-43.82	-30	-13.82	PASS
8351.26	-65.88	12.52	-53.36	-30	-23.36	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)	
62.14	-67.69	3.91	-63.78	-36	-27.78	PASS
93.89	-79.30	6.95	-72.35	-36	-36.35	PASS
381.99	-65.55	9.27	-56.28	-36	-20.28	PASS
741.61	-59.83	9.75	-50.08	-36	-14.08	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)	
1303.74	-59.04	18.05	-40.99	-30	-10.99	PASS
2621.79	-50.81	15.75	-35.06	-30	-5.06	PASS
3873.17	-68.35	13.06	-55.29	-30	-25.29	PASS
10586.59	-67.74	12.52	-55.22	-30	-25.22	PASS

Remark:

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

## 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)	
30.24	H	-88.66	8.07	-80.59	-57	-23.59	PASS
194.49	H	-82.55	7.62	-74.93	-57	-17.93	PASS
390.73	H	-74.25	5.62	-68.63	-57	-11.63	PASS
881.90	H	-81.96	8.80	-73.16	-57	-16.16	PASS
64.09	V	-88.26	2.77	-85.49	-57	-28.49	PASS
166.55	V	-74.02	7.04	-66.98	-57	-9.98	PASS
484.98	V	-71.30	5.42	-65.88	-57	-8.88	PASS
618.01	V	-79.93	4.44	-75.49	-57	-18.49	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)	
1183.78	V	-70.64	8.92	-61.72	-47	-14.72	PASS
2842.37	V	-69.14	14.79	-54.35	-47	-7.35	PASS
3431.58	V	-73.80	11.97	-61.83	-47	-14.83	PASS
5138.60	V	-78.90	14.58	-64.32	-47	-17.32	PASS
1700.86	H	-78.70	11.13	-67.57	-47	-20.57	PASS
2431.42	H	-74.71	8.20	-66.51	-47	-19.51	PASS
3647.22	H	-72.20	11.93	-60.27	-47	-13.27	PASS
6024.25	H	-67.61	14.12	-53.49	-47	-6.49	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)	
53.01	H	-85.37	8.07	-77.30	-57	-20.30	PASS
96.22	H	-83.01	7.62	-75.39	-57	-18.39	PASS
493.17	H	-79.65	5.62	-74.03	-57	-17.03	PASS
791.58	H	-82.50	8.80	-73.70	-57	-16.70	PASS
49.90	V	-82.04	2.77	-79.27	-57	-22.27	PASS
151.41	V	-88.35	7.04	-81.31	-57	-24.31	PASS
261.83	V	-69.40	5.42	-63.98	-57	-6.98	PASS
886.95	V	-79.09	4.44	-74.65	-57	-17.65	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)	
1184.04	V	-71.97	8.92	-63.05	-47	-16.05	PASS
2636.76	V	-66.29	14.79	-51.50	-47	-4.50	PASS
3119.47	V	-66.59	11.97	-54.62	-47	-7.62	PASS
11301.02	V	-77.12	14.58	-62.54	-47	-15.54	PASS
1394.32	H	-67.94	11.13	-56.81	-47	-9.81	PASS
2561.53	H	-78.37	8.20	-70.17	-47	-23.17	PASS
3290.48	H	-75.48	11.93	-63.55	-47	-16.55	PASS
9760.19	H	-66.11	14.12	-51.99	-47	-4.99	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)	
77.77	H	-74.51	8.07	-66.44	-57	-9.44	PASS
170.82	H	-82.76	7.62	-75.14	-57	-18.14	PASS
525.14	H	-88.81	5.62	-83.19	-57	-26.19	PASS
802.88	H	-82.71	8.80	-73.91	-57	-16.91	PASS
32.86	V	-75.22	2.77	-72.45	-57	-15.45	PASS
186.20	V	-82.90	7.04	-75.86	-57	-18.86	PASS
308.93	V	-71.77	5.42	-66.35	-57	-9.35	PASS
744.55	V	-71.41	4.44	-66.97	-57	-9.97	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)	
1188.41	V	-73.38	8.92	-64.46	-47	-17.46	PASS
2042.04	V	-75.55	14.79	-60.76	-47	-13.76	PASS
3252.85	V	-65.35	11.97	-53.38	-47	-6.38	PASS
4325.27	V	-72.65	14.58	-58.07	-47	-11.07	PASS
1571.23	H	-76.87	11.13	-65.74	-47	-18.74	PASS
2386.27	H	-76.21	8.20	-68.01	-47	-21.01	PASS
3595.88	H	-67.44	11.93	-55.51	-47	-8.51	PASS
10934.32	H	-69.59	14.12	-55.47	-47	-8.47	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)	
50.54	H	-75.65	8.07	-67.58	-57	-10.58	PASS
168.63	H	-75.32	7.62	-67.70	-57	-10.70	PASS
506.95	H	-76.71	5.62	-71.09	-57	-14.09	PASS
852.97	H	-78.15	8.80	-69.35	-57	-12.35	PASS
77.89	V	-87.42	2.77	-84.65	-57	-27.65	PASS
192.34	V	-80.08	7.04	-73.04	-57	-16.04	PASS
531.35	V	-88.52	5.42	-83.10	-57	-26.10	PASS
669.90	V	-71.81	4.44	-67.37	-57	-10.37	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)	
1800.74	V	-67.97	8.92	-59.05	-47	-12.05	PASS
2085.38	V	-64.46	14.79	-49.67	-47	-2.67	PASS
3604.00	V	-70.12	11.97	-58.15	-47	-11.15	PASS
7862.59	V	-71.67	14.58	-57.09	-47	-10.09	PASS
1440.54	H	-78.27	11.13	-67.14	-47	-20.14	PASS
2913.95	H	-68.42	8.20	-60.22	-47	-13.22	PASS
3513.19	H	-69.22	11.93	-57.29	-47	-10.29	PASS
4265.38	H	-73.74	14.12	-59.62	-47	-12.62	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
44.94	H	-70.48	8.07	-62.41	-57	-5.41	PASS
109.80	H	-87.25	7.62	-79.63	-57	-22.63	PASS
483.18	H	-72.17	5.62	-66.55	-57	-9.55	PASS
803.16	H	-82.24	8.80	-73.44	-57	-16.44	PASS
45.57	V	-76.38	2.77	-73.61	-57	-16.61	PASS
107.44	V	-77.39	7.04	-70.35	-57	-13.35	PASS
252.66	V	-81.68	5.42	-76.26	-57	-19.26	PASS
800.88	V	-87.26	4.44	-82.82	-57	-25.82	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)	
1252.18	V	-75.05	8.92	-66.13	-47	-19.13	PASS
2220.69	V	-72.72	14.79	-57.93	-47	-10.93	PASS
3739.90	V	-69.45	11.97	-57.48	-47	-10.48	PASS
11427.63	V	-76.05	14.58	-61.47	-47	-14.47	PASS
1239.85	H	-79.20	11.13	-68.07	-47	-21.07	PASS
2387.96	H	-76.10	8.20	-67.90	-47	-20.90	PASS
3371.20	H	-72.29	11.93	-60.36	-47	-13.36	PASS
6843.79	H	-77.52	14.12	-63.40	-47	-16.40	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)	
77.23	H	-75.05	8.07	-66.98	-57	-9.98	PASS
185.90	H	-72.95	7.62	-65.33	-57	-8.33	PASS
249.69	H	-72.41	5.62	-66.79	-57	-9.79	PASS
895.91	H	-75.52	8.80	-66.72	-57	-9.72	PASS
31.74	V	-76.57	2.77	-73.80	-57	-16.80	PASS
126.89	V	-86.72	7.04	-79.68	-57	-22.68	PASS
378.57	V	-78.82	5.42	-73.40	-57	-16.40	PASS
659.52	V	-78.80	4.44	-74.36	-57	-17.36	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)	
1974.37	V	-67.18	8.92	-58.26	-47	-11.26	PASS
2455.20	V	-67.73	14.79	-52.94	-47	-5.94	PASS
3881.87	V	-69.37	11.97	-57.40	-47	-10.40	PASS
6340.19	V	-78.57	14.58	-63.99	-47	-16.99	PASS
1246.83	H	-71.75	11.13	-60.62	-47	-13.62	PASS
2263.72	H	-74.66	8.20	-66.46	-47	-19.46	PASS
3350.24	H	-65.45	11.93	-53.52	-47	-6.52	PASS
9708.91	H	-75.71	14.12	-61.59	-47	-14.59	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)	
34.62	H	-69.05	8.07	-60.98	-57	-3.98	PASS
104.28	H	-75.66	7.62	-68.04	-57	-11.04	PASS
360.79	H	-69.67	5.62	-64.05	-57	-7.05	PASS
839.15	H	-76.85	8.80	-68.05	-57	-11.05	PASS
49.92	V	-76.38	2.77	-73.61	-57	-16.61	PASS
199.06	V	-69.27	7.04	-62.23	-57	-5.23	PASS
254.86	V	-79.65	5.42	-74.23	-57	-17.23	PASS
812.13	V	-79.12	4.44	-74.68	-57	-17.68	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)	
1725.60	V	-65.76	8.92	-56.84	-47	-9.84	PASS
2904.61	V	-64.07	14.79	-49.28	-47	-2.28	PASS
3457.67	V	-69.08	11.97	-57.11	-47	-10.11	PASS
7529.95	V	-69.91	14.58	-55.33	-47	-8.33	PASS
1080.38	H	-68.10	11.13	-56.97	-47	-9.97	PASS
2816.54	H	-65.00	8.20	-56.80	-47	-9.80	PASS
3888.22	H	-69.67	11.93	-57.74	-47	-10.74	PASS
5931.59	H	-64.95	14.12	-50.83	-47	-3.83	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)	
75.93	H	-75.88	8.07	-67.81	-57	-10.81	PASS
99.63	H	-78.81	7.62	-71.19	-57	-14.19	PASS
220.23	H	-71.09	5.62	-65.47	-57	-8.47	PASS
713.61	H	-75.84	8.80	-67.04	-57	-10.04	PASS
86.02	V	-75.13	2.77	-72.36	-57	-15.36	PASS
103.72	V	-69.88	7.04	-62.84	-57	-5.84	PASS
341.68	V	-70.68	5.42	-65.26	-57	-8.26	PASS
845.36	V	-69.06	4.44	-64.62	-57	-7.62	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)	
1959.45	V	-65.04	8.92	-56.12	-47	-9.12	PASS
2101.47	V	-66.54	14.79	-51.75	-47	-4.75	PASS
3161.85	V	-68.27	11.97	-56.30	-47	-9.30	PASS
8907.81	V	-66.94	14.58	-52.36	-47	-5.36	PASS
1686.83	H	-67.89	11.13	-56.76	-47	-9.76	PASS
2169.15	H	-66.45	8.20	-58.25	-47	-11.25	PASS
3181.11	H	-64.03	11.93	-52.10	-47	-5.10	PASS
11470.86	H	-64.02	14.12	-49.90	-47	-2.90	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)	
59.29	H	-71.75	8.07	-63.68	-57	-6.68	PASS
189.15	H	-76.23	7.62	-68.61	-57	-11.61	PASS
591.83	H	-69.08	5.62	-63.46	-57	-6.46	PASS
630.56	H	-73.80	8.80	-65.00	-57	-8.00	PASS
44.85	V	-75.05	2.77	-72.28	-57	-15.28	PASS
117.47	V	-73.24	7.04	-66.20	-57	-9.20	PASS
232.26	V	-73.69	5.42	-68.27	-57	-11.27	PASS
829.58	V	-75.01	4.44	-70.57	-57	-13.57	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)	
1840.55	V	-68.34	8.92	-59.42	-47	-12.42	PASS
2418.64	V	-69.13	14.79	-54.34	-47	-7.34	PASS
3599.10	V	-68.59	11.97	-56.62	-47	-9.62	PASS
6092.77	V	-67.56	14.58	-52.98	-47	-5.98	PASS
1156.18	H	-65.17	11.13	-54.04	-47	-7.04	PASS
2231.84	H	-68.96	8.20	-60.76	-47	-13.76	PASS
3872.04	H	-65.50	11.93	-53.57	-47	-6.57	PASS
7361.65	H	-65.19	14.12	-51.07	-47	-4.07	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)	
79.51	H	-76.89	8.07	-68.82	-57	-11.82	PASS
100.04	H	-87.26	7.62	-79.64	-57	-22.64	PASS
388.54	H	-81.85	5.62	-76.23	-57	-19.23	PASS
870.32	H	-79.29	8.80	-70.49	-57	-13.49	PASS
39.60	V	-71.66	2.77	-68.89	-57	-11.89	PASS
182.24	V	-88.70	7.04	-81.66	-57	-24.66	PASS
201.22	V	-88.02	5.42	-82.60	-57	-25.60	PASS
807.02	V	-78.50	4.44	-74.06	-57	-17.06	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)	
1980.24	V	-73.91	8.92	-64.99	-47	-17.99	PASS
2486.84	V	-78.32	14.79	-63.53	-47	-16.53	PASS
3261.91	V	-64.44	11.97	-52.47	-47	-5.47	PASS
10089.59	V	-75.35	14.58	-60.77	-47	-13.77	PASS
1141.45	H	-75.78	11.13	-64.65	-47	-17.65	PASS
2982.17	H	-75.49	8.20	-67.29	-47	-20.29	PASS
3195.35	H	-69.66	11.93	-57.73	-47	-10.73	PASS
9762.29	H	-76.27	14.12	-62.15	-47	-15.15	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)	
33.40	H	-74.43	8.07	-66.36	-57	-9.36	PASS
101.59	H	-85.83	7.62	-78.21	-57	-21.21	PASS
380.24	H	-78.12	5.62	-72.50	-57	-15.50	PASS
895.50	H	-74.04	8.80	-65.24	-57	-8.24	PASS
77.30	V	-75.36	2.77	-72.59	-57	-15.59	PASS
196.83	V	-72.31	7.04	-65.27	-57	-8.27	PASS
367.69	V	-81.94	5.42	-76.52	-57	-19.52	PASS
770.85	V	-89.85	4.44	-85.41	-57	-28.41	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)	
1821.31	V	-70.87	8.92	-61.95	-47	-14.95	PASS
2391.77	V	-69.47	14.79	-54.68	-47	-7.68	PASS
3089.81	V	-78.26	11.97	-66.29	-47	-19.29	PASS
10471.92	V	-70.11	14.58	-55.53	-47	-8.53	PASS
1425.99	H	-79.79	11.13	-68.66	-47	-21.66	PASS
2816.45	H	-68.76	8.20	-60.56	-47	-13.56	PASS
3349.83	H	-79.39	11.93	-67.46	-47	-20.46	PASS
5811.94	H	-78.70	14.12	-64.58	-47	-17.58	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)	
34.28	H	-83.60	8.07	-75.53	-57	-18.53	PASS
98.10	H	-77.61	7.62	-69.99	-57	-12.99	PASS
350.05	H	-88.96	5.62	-83.34	-57	-26.34	PASS
787.57	H	-84.12	8.80	-75.32	-57	-18.32	PASS
71.45	V	-84.12	2.77	-81.35	-57	-24.35	PASS
132.62	V	-87.92	7.04	-80.88	-57	-23.88	PASS
350.03	V	-75.97	5.42	-70.55	-57	-13.55	PASS
625.51	V	-86.55	4.44	-82.11	-57	-25.11	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)	
1795.18	V	-77.20	8.92	-68.28	-47	-21.28	PASS
2542.19	V	-76.27	14.79	-61.48	-47	-14.48	PASS
3001.65	V	-69.48	11.97	-57.51	-47	-10.51	PASS
6789.13	V	-78.67	14.58	-64.09	-47	-17.09	PASS
1557.24	H	-75.91	11.13	-64.78	-47	-17.78	PASS
2409.43	H	-67.28	8.20	-59.08	-47	-12.08	PASS
3184.12	H	-65.31	11.93	-53.38	-47	-6.38	PASS
9583.44	H	-77.82	14.12	-63.70	-47	-16.70	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)	
33.77	H	-76.76	8.07	-68.69	-57	-11.69	PASS
108.09	H	-71.75	7.62	-64.13	-57	-7.13	PASS
537.48	H	-89.35	5.62	-83.73	-57	-26.73	PASS
617.49	H	-69.81	8.80	-61.01	-57	-4.01	PASS
79.29	V	-69.43	2.77	-66.66	-57	-9.66	PASS
166.49	V	-84.97	7.04	-77.93	-57	-20.93	PASS
276.71	V	-83.47	5.42	-78.05	-57	-21.05	PASS
612.19	V	-89.47	4.44	-85.03	-57	-28.03	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)	
1211.07	V	-78.56	8.92	-69.64	-47	-22.64	PASS
2173.29	V	-75.28	14.79	-60.49	-47	-13.49	PASS
3369.31	V	-72.86	11.97	-60.89	-47	-13.89	PASS
9530.25	V	-77.32	14.58	-62.74	-47	-15.74	PASS
1929.47	H	-76.59	11.13	-65.46	-47	-18.46	PASS
2105.65	H	-69.80	8.20	-61.60	-47	-14.60	PASS
3822.46	H	-67.93	11.93	-56.00	-47	-9.00	PASS
5649.83	H	-79.12	14.12	-65.00	-47	-18.00	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)	
72.97	H	-77.74	8.07	-69.67	-57	-12.67	PASS
118.43	H	-75.88	7.62	-68.26	-57	-11.26	PASS
383.06	H	-69.51	5.62	-63.89	-57	-6.89	PASS
745.98	H	-87.61	8.80	-78.81	-57	-21.81	PASS
61.91	V	-73.63	2.77	-70.86	-57	-13.86	PASS
94.93	V	-88.96	7.04	-81.92	-57	-24.92	PASS
379.75	V	-87.76	5.42	-82.34	-57	-25.34	PASS
858.14	V	-78.89	4.44	-74.45	-57	-17.45	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)	
1815.76	V	-69.53	8.92	-60.61	-47	-13.61	PASS
2466.87	V	-68.97	14.79	-54.18	-47	-7.18	PASS
3829.18	V	-74.91	11.97	-62.94	-47	-15.94	PASS
8057.87	V	-74.90	14.58	-60.32	-47	-13.32	PASS
1641.68	H	-74.36	11.13	-63.23	-47	-16.23	PASS
2622.64	H	-72.00	8.20	-63.80	-47	-16.80	PASS
3307.85	H	-76.40	11.93	-64.47	-47	-17.47	PASS
7629.81	H	-77.75	14.12	-63.63	-47	-16.63	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)	
32.58	H	-81.52	8.07	-73.45	-57	-16.45	PASS
166.10	H	-69.27	7.62	-61.65	-57	-4.65	PASS
430.51	H	-84.53	5.62	-78.91	-57	-21.91	PASS
745.13	H	-87.43	8.80	-78.63	-57	-21.63	PASS
35.43	V	-81.61	2.77	-78.84	-57	-21.84	PASS
190.28	V	-74.40	7.04	-67.36	-57	-10.36	PASS
421.68	V	-84.57	5.42	-79.15	-57	-22.15	PASS
860.92	V	-88.15	4.44	-83.71	-57	-26.71	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)	
1010.46	V	-67.06	8.92	-58.14	-47	-11.14	PASS
2174.16	V	-78.50	14.79	-63.71	-47	-16.71	PASS
3743.53	V	-72.43	11.97	-60.46	-47	-13.46	PASS
5417.26	V	-79.40	14.58	-64.82	-47	-17.82	PASS
1118.33	H	-73.46	11.13	-62.33	-47	-15.33	PASS
2564.16	H	-70.22	8.20	-62.02	-47	-15.02	PASS
3208.77	H	-65.24	11.93	-53.31	-47	-6.31	PASS
6238.10	H	-76.12	14.12	-62.00	-47	-15.00	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)	
72.46	H	-89.55	8.07	-81.48	-57	-24.48	PASS
169.53	H	-80.21	7.62	-72.59	-57	-15.59	PASS
486.25	H	-87.06	5.62	-81.44	-57	-24.44	PASS
795.57	H	-74.37	8.80	-65.57	-57	-8.57	PASS
88.89	V	-71.52	2.77	-68.75	-57	-11.75	PASS
127.65	V	-73.37	7.04	-66.33	-57	-9.33	PASS
287.45	V	-82.81	5.42	-77.39	-57	-20.39	PASS
716.85	V	-72.38	4.44	-67.94	-57	-10.94	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)	
1169.74	V	-66.89	8.92	-57.97	-47	-10.97	PASS
2662.86	V	-71.65	14.79	-56.86	-47	-9.86	PASS
3843.86	V	-72.17	11.97	-60.20	-47	-13.20	PASS
10147.39	V	-71.32	14.58	-56.74	-47	-9.74	PASS
1935.99	H	-68.92	11.13	-57.79	-47	-10.79	PASS
2821.53	H	-73.86	8.20	-65.66	-47	-18.66	PASS
3287.40	H	-65.22	11.93	-53.29	-47	-6.29	PASS
9970.29	H	-68.55	14.12	-54.43	-47	-7.43	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)	
35.21	H	-82.79	8.07	-74.72	-57	-17.72	PASS
130.95	H	-86.68	7.62	-79.06	-57	-22.06	PASS
557.28	H	-73.83	5.62	-68.21	-57	-11.21	PASS
721.55	H	-72.42	8.80	-63.62	-57	-6.62	PASS
70.96	V	-75.39	2.77	-72.62	-57	-15.62	PASS
193.54	V	-81.19	7.04	-74.15	-57	-17.15	PASS
403.14	V	-75.06	5.42	-69.64	-57	-12.64	PASS
715.76	V	-88.18	4.44	-83.74	-57	-26.74	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)	
1221.17	V	-79.59	8.92	-70.67	-47	-23.67	PASS
2360.77	V	-75.32	14.79	-60.53	-47	-13.53	PASS
3301.10	V	-70.52	11.97	-58.55	-47	-11.55	PASS
9914.28	V	-66.78	14.58	-52.20	-47	-5.20	PASS
1501.10	H	-65.90	11.13	-54.77	-47	-7.77	PASS
2561.72	H	-71.98	8.20	-63.78	-47	-16.78	PASS
3608.64	H	-77.11	11.93	-65.18	-47	-18.18	PASS
8070.43	H	-70.82	14.12	-56.70	-47	-9.70	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)	
47.55	H	-81.63	8.07	-73.56	-57	-16.56	PASS
196.60	H	-76.92	7.62	-69.30	-57	-12.30	PASS
230.74	H	-77.38	5.62	-71.76	-57	-14.76	PASS
731.40	H	-71.69	8.80	-62.89	-57	-5.89	PASS
39.57	V	-84.17	2.77	-81.40	-57	-24.40	PASS
132.55	V	-85.93	7.04	-78.89	-57	-21.89	PASS
534.55	V	-83.23	5.42	-77.81	-57	-20.81	PASS
861.28	V	-84.01	4.44	-79.57	-57	-22.57	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)	
1400.68	V	-74.97	8.92	-66.05	-47	-19.05	PASS
2827.78	V	-77.78	14.79	-62.99	-47	-15.99	PASS
3988.89	V	-70.48	11.97	-58.51	-47	-11.51	PASS
9404.21	V	-79.21	14.58	-64.63	-47	-17.63	PASS
1948.25	H	-67.29	11.13	-56.16	-47	-9.16	PASS
2558.37	H	-69.83	8.20	-61.63	-47	-14.63	PASS
3926.29	H	-71.54	11.93	-59.61	-47	-12.61	PASS
4005.27	H	-73.40	14.12	-59.28	-47	-12.28	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  $\mu$ s 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	-44.31	-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  $DPCCH\_E_c/I_{or}$  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
$\frac{DPDCH\_E_c}{I_{or}}$	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
$\frac{DPCCH\_E_c}{I_{or}}$	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  $DPCCH\_E_c/I_{or}$  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.

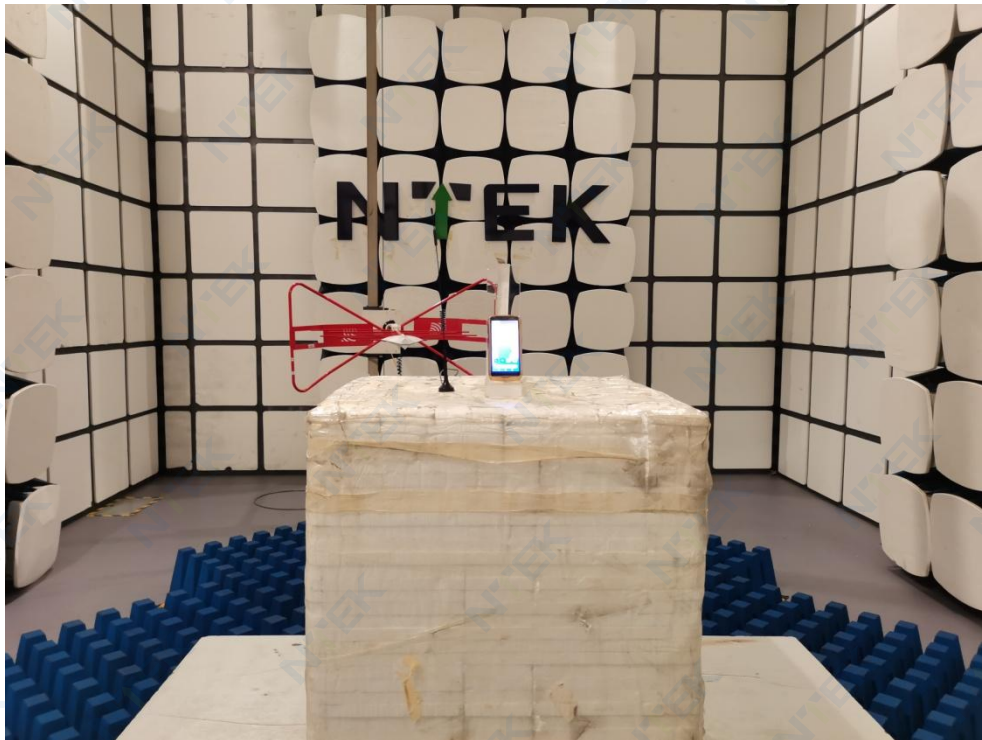
## **CONDUCTED TEST DATA**

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

## **PHOTOGRAPHS OF THE TEST SETUP**



### Radiated Spurious Emission Test



END OF REPORT