



RADIO TEST REPORT

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

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

Product : Smartphone

Trade Mark : CUBOT

Model Name : NOTE 30

Family Model : N/A

Report No. : S22092202103008

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
District, Shenzhen,P.R. China

Prepared by

Shenzhen NTEK Testing Technology Co., Ltd.
1/F, Building E, Fenda Science Park, Sanwei Community,Xixiang Street
Bao'an District, Shenzhen 518126 P.R. China
Tel. 400-800-6106, 0755-2320 0050, 0755-2320 0090
Website: <http://www.ntek.org.cn>

TEST RESULT CERTIFICATION

Applicant's name : Shenzhen Huafurui 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 Huafurui 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 : NOTE 30
Family Model : N/A

Sample number S220922021009

Standards : EN 301 908-1 V13.1.1 (2019-11)
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 of Radio Equipment Regulations (SI 2017/1206) requirements. And it is applicable only to the tested sample identified in the report. This report shall not be reproduced except in full, without the written approval of NTEK, this document may be altered or revised by NTEK, personnel only, and shall be noted in the revision of the document.

Date of Test

Date (s) of performance of tests Sep 26. 2022 ~ Oct 25. 2022

Date of Issue Oct 26. 2022

Test Result **Pass**

Testing Engineer :



(Allen Liu)

Authorized Signatory :



(Alex Li)

Table of Contents

Page

1.SUMMARY OF TEST RESULTS.....	5
1.1 TEST FACILITY.....	6
1.2 MEASUREMENT UNCERTAINTY	6
2.GENERAL INFORMATION.....	7
2.1 GENERAL DESCRIPTION OF EUT.....	7
2.2 LIST OF TEST EQUIPMENTS	8
2.3 TEST ENVIRONMENT/CONDITIONS	9
2.4 TEST MODE.....	9
2.5 TEST SETUP.....	14
3. SUMMARY OF THE REPORT	15
3.1 TERMS IN THE COLUMN “VERDICT” FOR THE TEST RESULTS LIST OF THISSECTION:	15
D.1. RADIATED SPURIOUS EMISSIONS.	20
D.2. CONTROL AND MONITORING FUNCTIONS (UE)	101
D.3. OUT-OF-SYNCHRONIZATION HANDLING OF OUTPUT POWER	102
PHOTOGRAPHS OF THE TEST SETUP.....	105

Revision History

Report No.	Version	Description	Issued Date
S22092202103008	Rev.01	Initial issue of report	Oct 26. 2022

1.SUMMARY OF TEST RESULTS

Leading Reference Documents For Testing:

No.	Identity	Document Title
1	EN 301 908-1	IMT cellular networks; Harmonised Standard covering the essential requirements of article 3.2 of Radio Equipment Regulations (SI 2017/1206); 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 Radio Equipment Regulations (SI 2017/1206); 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	NOTE 30
Family Model:	N/A
Model Difference:	N/A
Frequency Bands:	E-UTRA FDD I, III, VII, VIII, XX
Frequency Bands:	FDD Band I: Uplink: 1920 MHz to 1980MHz Downlink: 2110 MHz to 2170 MHz FDD Band III: Uplink:1710 MHz to 1785 MHz Downlink: 1805 MHz to 1880 MHz FDD Band VII: Uplink: 2500 MHz to 2570 MHz Downlink: 2620 MHz to 2690 MHz FDD Band VIII: Uplink: 880MHz to 915 MHz Downlink: 925 MHz to 960 MHz FDD Band XX: Uplink: 832 MHz to 862 MHz Downlink: 791 MHz to 821 MHz
Power Class:	E-UTRA :3
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-0502000-UK Input: 100-240V~50/60Hz, 0.3A Output: 5.0V---2.0A 10.0W
Battery	DC 3.85V, 4000mAh
Rating	DC 3.85V from battery or DC 5V from Adapter.
Antenna:	PIFA Antenna
Antenna Gain:	-1dBi
Hardware Version	A567-MB-V9.0
Software Version	CUBOT_NOTE_30_C063C_V01_20220920

2.2 LIST OF TEST EQUIPMENTS

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Spectrum Analyzer	Agilent	E4407B	MY45108040	2022.04.06	2023.04.05	1 year
2	Test Receiver	R&S	ESPI7	101318	2022.04.06	2023.04.05	1 year
3	Bilog Antenna	TESEQ	CBL6111D	31216	2022.03.30	2023.03.29	1 year
4	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2020.05.11	2023.05.10	3 year
5	Spectrum Analyzer	Agilent	N9020A	MY46471732	2022.04.06	2023.04.05	1 year
6	Horn Antenna	EM	EM-AH-20180	2011071402	2022.03.31	2023.03.30	1 year
7	Horn Ant	Schwarzbeck	BBHA 9170	9170-181	2022.04.06	2023.04.05	1 year
8	Amplifier	EMC	EMC051835S E	980246	2022.06.17	2023.06.16	1 year
9	Loop Antenna	ARA	PLA-2030/B	1029	2022.04.06	2023.04.05	1 year
10	Temperature & Humidity Chamber	GIANT FORCE	GTH-056P	GF-94454-1	2022.06.16	2023.06.15	1 year
11	LTE Wireless Communications Test Set	R&S	CMW500	1100.008.02	2022.06.17	2023.06.16	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	2021.11.04	2022.11.03	1 year
14	Power Meter	DARE	RPR3006W	15I00041SNO8 4	2022.06.16	2023.06.15	1 year
15	ESG VETCTOR SIGNAL GENERAROR	Agilent	E4438C	MY45093347	2022.04.06	2023.04.05	1 year
16	Spectrum Analyzer	R&S	FSV40	101417	2022.04.06	2023.04.05	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

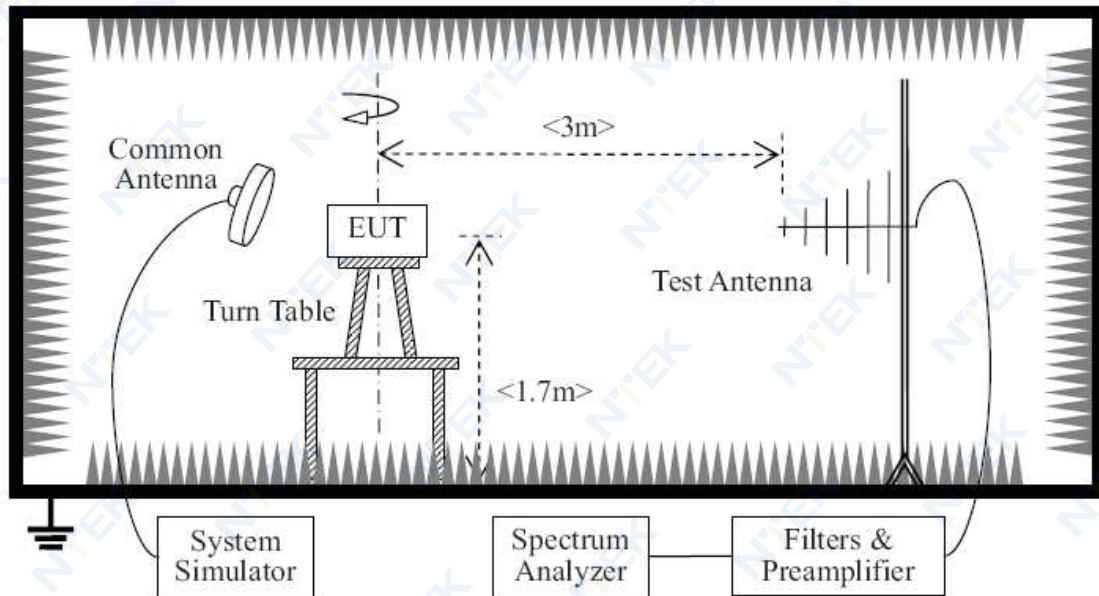
Table 2

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

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

2.5 TEST SETUP

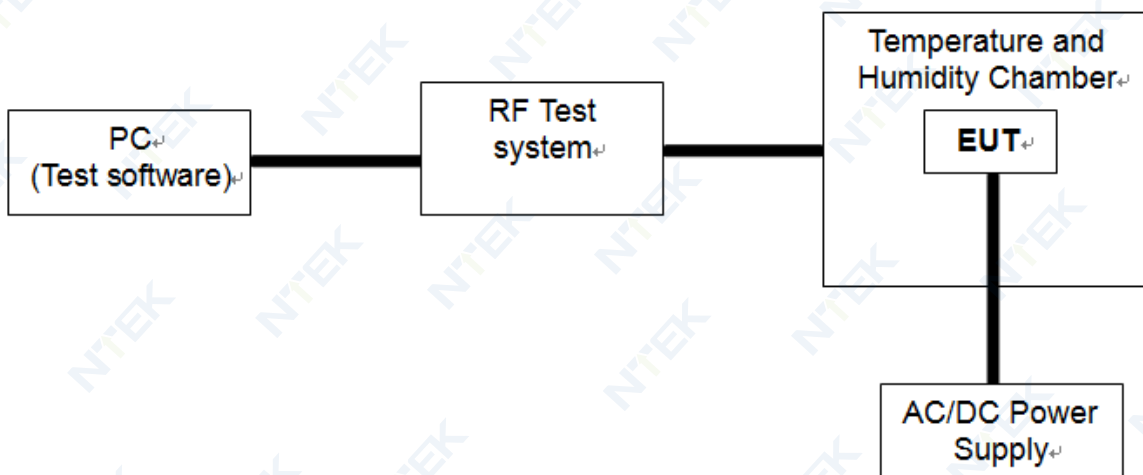
1. Radiated Spurious Emission Test Setup



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

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

2. Conducted Test



3. SUMMARY OF THE REPORT

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

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

Table 1 EN Requirements Table (Ref. 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. EN 301 908-1 Annex D)
			FDD Band III			
			FDD Band VII			
			FDD Band VIII			
			FDD Band XX			

Table 2 EN Requirements Table

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

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

Testcase in ETSI EN 301908-13	Testcase in 3GPP TS 36.521	Description	Condition	Test Band			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	A01	PASS	Appendix B - LTE - Extreme
4.2.7	7.6.1	Receiver Blocking Characteristics (In band)	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	PASS	Appendix A - LTE - Normal
4.2.7	7.6.2	Receiver Blocking Characteristics (Out band)	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	PASS	Appendix C - LTE - Blocking
4.2.7	7.6.3	Receiver Blocking Characteristics (Narrow band)	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	PASS	Appendix C - LTE - Blocking
4.2.8	7.7	Receiver Spurious Response	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	N/A	N/A ^(Note 1)
4.2.9	7.8	Receiver Intermodulation Characteristics	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	PASS	Appendix A - LTE - Normal
4.2.10	7.9	Receiver Spurious Emissions	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	PASS	Appendix A - LTE - Normal

4.2.12	7.3	Receiver Reference Sensitivity Level	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	PASS	Appendix A - LTE - Normal
--------	-----	---	-----	--	-----	------	---------------------------

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)	
51.65	-63.83	3.91	-59.92	-36	-23.92	PASS
110.37	-71.28	6.95	-64.33	-36	-28.33	PASS
394.23	-63.86	9.27	-54.59	-36	-18.59	PASS
606.12	-76.9	9.75	-67.15	-36	-31.15	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)	
1768.39	-50.18	18.05	-32.13	-30	-2.13	PASS
2669.77	-64.01	15.75	-48.26	-30	-18.26	PASS
3896.73	-63.93	13.06	-50.87	-30	-20.87	PASS
6319.42	-68.16	12.52	-55.64	-30	-25.64	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)	
87.62	-65.52	3.91	-61.61	-36	-25.61	PASS
191.31	-69.39	6.95	-62.44	-36	-26.44	PASS
326.87	-59.13	9.27	-49.86	-36	-13.86	PASS
761.39	-69.45	9.75	-59.70	-36	-23.70	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)	
1533.42	-68.82	18.05	-50.77	-30	-20.77	PASS
2161.05	-55.5	15.75	-39.75	-30	-9.75	PASS
3903.04	-51.78	13.06	-38.72	-30	-8.72	PASS
7513.56	-56.1	12.52	-43.58	-30	-13.58	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)	
51.33	-59.92	3.91	-56.01	-36	-20.01	PASS
157.31	-73.79	6.95	-66.84	-36	-30.84	PASS
455.90	-68.65	9.27	-59.38	-36	-23.38	PASS
610.34	-68.27	9.75	-58.52	-36	-22.52	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)	
1797.62	-59.18	18.05	-41.13	-30	-11.13	PASS
2968.55	-55.24	15.75	-39.49	-30	-9.49	PASS
3826.39	-63.27	13.06	-50.21	-30	-20.21	PASS
5789.94	-67.79	12.52	-55.27	-30	-25.27	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)	
34.35	-78.49	3.91	-74.58	-36	-38.58	PASS
116.00	-61.59	6.95	-54.64	-36	-18.64	PASS
337.64	-75.01	9.27	-65.74	-36	-29.74	PASS
854.11	-74.32	9.75	-64.57	-36	-28.57	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)	
1675.02	-62.07	18.05	-44.02	-30	-14.02	PASS
2353.24	-69.47	15.75	-53.72	-30	-23.72	PASS
3985.18	-51.58	13.06	-38.52	-30	-8.52	PASS
7013.87	-65.77	12.52	-53.25	-30	-23.25	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)	
66.77	-79.99	3.91	-76.08	-36	-40.08	PASS
159.15	-73.22	6.95	-66.27	-36	-30.27	PASS
566.78	-70.27	9.27	-61.00	-36	-25.00	PASS
808.65	-77.81	9.75	-68.06	-36	-32.06	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)	
1084.21	-69.29	18.05	-51.24	-30	-21.24	PASS
2462.75	-64.78	15.75	-49.03	-30	-19.03	PASS
3792.36	-62.62	13.06	-49.56	-30	-19.56	PASS
6784.70	-55.6	12.52	-43.08	-30	-13.08	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)	
72.46	-60.28	3.91	-56.37	-36	-20.37	PASS
125.82	-76.44	6.95	-69.49	-36	-33.49	PASS
299.10	-67.67	9.27	-58.40	-36	-22.40	PASS
886.48	-60.27	9.75	-50.52	-36	-14.52	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)	
1688.19	-61.18	18.05	-43.13	-30	-13.13	PASS
2527.58	-52.43	15.75	-36.68	-30	-6.68	PASS
3691.32	-58.2	13.06	-45.14	-30	-15.14	PASS
5748.01	-54.54	12.52	-42.02	-30	-12.02	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)	
33.93	-67.02	3.91	-63.11	-36	-27.11	PASS
93.07	-64.69	6.95	-57.74	-36	-21.74	PASS
347.95	-64.83	9.27	-55.56	-36	-19.56	PASS
735.63	-64.77	9.75	-55.02	-36	-19.02	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)	
1508.49	-63.67	18.05	-45.62	-30	-15.62	PASS
2754.93	-56.29	15.75	-40.54	-30	-10.54	PASS
3710.04	-62.88	13.06	-49.82	-30	-19.82	PASS
9513.29	-53.45	12.52	-40.93	-30	-10.93	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)	
43.52	-76.81	3.91	-72.90	-36	-36.90	PASS
106.58	-63.17	6.95	-56.22	-36	-20.22	PASS
330.28	-79.76	9.27	-70.49	-36	-34.49	PASS
693.99	-76.91	9.75	-67.16	-36	-31.16	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)	
1864.94	-68.01	18.05	-49.96	-30	-19.96	PASS
2483.96	-59.61	15.75	-43.86	-30	-13.86	PASS
3461.36	-56.8	13.06	-43.74	-30	-13.74	PASS
8371.03	-49.48	12.52	-36.96	-30	-6.96	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)	
75.65	-56.72	2.35	-54.37	-36	-18.37	PASS
138.00	-61.86	1.38	-60.48	-36	-24.48	PASS
342.65	-68.82	5.45	-63.37	-36	-27.37	PASS
772.57	-63.43	1.45	-61.98	-36	-25.98	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)	
1368.01	-69.75	14.81	-54.94	-30	-24.94	PASS
2130.10	-54.85	15.91	-38.94	-30	-8.94	PASS
3275.58	-62.19	14.93	-47.26	-30	-17.26	PASS
11804.22	-61.35	16.55	-44.80	-30	-14.80	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)	
60.55	-54.71	5.93	-48.78	-36	-12.78	PASS
141.67	-51.15	9.25	-41.90	-36	-5.90	PASS
302.22	-69.59	4.35	-65.24	-36	-29.24	PASS
687.15	-57.88	8.47	-49.41	-36	-13.41	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)	
1994.80	-57.67	18.25	-39.42	-30	-9.42	PASS
2205.08	-67.72	18.87	-48.85	-30	-18.85	PASS
3527.35	-49.70	13.86	-35.84	-30	-5.84	PASS
9659.58	-64.36	10.24	-54.12	-30	-24.12	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)	
72.89	-58.04	6.38	-51.66	-36	-15.66	PASS
95.28	-49.29	8.65	-40.64	-36	-4.64	PASS
547.70	-68.77	1.51	-67.26	-36	-31.26	PASS
655.81	-60.83	9.03	-51.80	-36	-15.80	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)	
1447.32	-52.14	11.72	-40.42	-30	-10.42	PASS
2388.05	-64.42	15.95	-48.47	-30	-18.47	PASS
3759.42	-49.19	12.25	-36.94	-30	-6.94	PASS
4684.79	-52.98	15.98	-37.00	-30	-7.00	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)	
81.84	-56.72	1.69	-55.03	-36	-19.03	PASS
136.27	-52.04	3.80	-48.24	-36	-12.24	PASS
501.70	-63.97	3.93	-60.04	-36	-24.04	PASS
826.44	-65.94	8.89	-57.05	-36	-21.05	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)	
1274.84	-61.97	15.40	-46.57	-30	-16.57	PASS
2560.53	-52.75	14.23	-38.52	-30	-8.52	PASS
3781.67	-54.67	18.65	-36.02	-30	-6.02	PASS
5865.74	-56.90	16.16	-40.74	-30	-10.74	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)	
49.99	-68.08	3.91	-64.17	-36	-28.17	PASS
102.22	-74.69	6.95	-67.74	-36	-31.74	PASS
498.92	-68.77	9.27	-59.50	-36	-23.50	PASS
628.40	-61.69	9.75	-51.94	-36	-15.94	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)	
1398.35	-57.51	18.05	-39.46	-30	-9.46	PASS
2500.54	-56.84	15.75	-41.09	-30	-11.09	PASS
3912.64	-54.44	13.06	-41.38	-30	-11.38	PASS
5883.74	-49.94	12.52	-37.42	-30	-7.42	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)	
84.72	-71.16	3.91	-67.25	-36	-31.25	PASS
95.30	-60.78	6.95	-53.83	-36	-17.83	PASS
200.64	-76.74	9.27	-67.47	-36	-31.47	PASS
775.43	-67.84	9.75	-58.09	-36	-22.09	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)	
1093.04	-61.25	18.05	-43.20	-30	-13.20	PASS
2613.03	-61.3	15.75	-45.55	-30	-15.55	PASS
3984.36	-61.28	13.06	-48.22	-30	-18.22	PASS
10010.09	-65.6	12.52	-53.08	-30	-23.08	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)	
44.04	-68.16	3.91	-64.25	-36	-28.25	PASS
113.78	-63.88	6.95	-56.93	-36	-20.93	PASS
331.59	-61.44	9.27	-52.17	-36	-16.17	PASS
811.14	-73.57	9.75	-63.82	-36	-27.82	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)	
1568.81	-69.53	18.05	-51.48	-30	-21.48	PASS
2870.14	-51.32	15.75	-35.57	-30	-5.57	PASS
3782.57	-55.84	13.06	-42.78	-30	-12.78	PASS
4799.68	-51.15	12.52	-38.63	-30	-8.63	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)	
72.15	-62.22	3.91	-58.31	-36	-22.31	PASS
195.52	-73.30	6.95	-66.35	-36	-30.35	PASS
242.42	-63.21	9.27	-53.94	-36	-17.94	PASS
704.86	-76.87	9.75	-67.12	-36	-31.12	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)	
1195.45	-56.64	18.05	-38.59	-30	-8.59	PASS
2393.99	-68.06	15.75	-52.31	-30	-22.31	PASS
3290.98	-63.53	13.06	-50.47	-30	-20.47	PASS
4138.71	-54.63	12.52	-42.11	-30	-12.11	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
41.58	-70.13	3.91	-66.22	-36	-30.22	PASS
130.41	-63.86	6.95	-56.91	-36	-20.91	PASS
431.11	-61.20	9.27	-51.93	-36	-15.93	PASS
795.87	-59.22	9.75	-49.47	-36	-13.47	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)	
1902.49	-65.39	18.05	-47.34	-30	-17.34	PASS
2924.31	-52.77	15.75	-37.02	-30	-7.02	PASS
3967.41	-50.68	13.06	-37.62	-30	-7.62	PASS
8914.67	-57.73	12.52	-45.21	-30	-15.21	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
36.09	-68.75	3.91	-64.84	-36	-28.84	PASS
120.82	-76.61	6.95	-69.66	-36	-33.66	PASS
433.39	-77.36	9.27	-68.09	-36	-32.09	PASS
857.91	-78.59	9.75	-68.84	-36	-32.84	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)	
1341.49	-52.43	18.05	-34.38	-30	-4.38	PASS
2783.66	-60.93	15.75	-45.18	-30	-15.18	PASS
3173.02	-60.38	13.06	-47.32	-30	-17.32	PASS
9468.61	-59.91	12.52	-47.39	-30	-17.39	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)	
79.64	-61.28	3.91	-57.37	-36	-21.37	PASS
194.40	-64.30	6.95	-57.35	-36	-21.35	PASS
283.08	-66.16	9.27	-56.89	-36	-20.89	PASS
791.35	-67.85	9.75	-58.10	-36	-22.10	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)	
1193.57	-57.98	18.05	-39.93	-30	-9.93	PASS
2909.01	-50.03	15.75	-34.28	-30	-4.28	PASS
3848.68	-56.87	13.06	-43.81	-30	-13.81	PASS
9388.69	-66.89	12.52	-54.37	-30	-24.37	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)	
40.49	-65.40	3.91	-61.49	-36	-25.49	PASS
172.60	-79.72	6.95	-72.77	-36	-36.77	PASS
424.11	-78.66	9.27	-69.39	-36	-33.39	PASS
834.14	-70.62	9.75	-60.87	-36	-24.87	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)	
1370.25	-51.16	18.05	-33.11	-30	-3.11	PASS
2813.33	-67.43	15.75	-51.68	-30	-21.68	PASS
3273.26	-61.26	13.06	-48.20	-30	-18.20	PASS
10424.35	-60.8	12.52	-48.28	-30	-18.28	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)	
72.42	-79.82	3.91	-75.91	-36	-39.91	PASS
172.00	-79.00	6.95	-72.05	-36	-36.05	PASS
341.71	-75.10	9.27	-65.83	-36	-29.83	PASS
713.92	-68.14	9.75	-58.39	-36	-22.39	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)	
1355.50	-64.24	18.05	-46.19	-30	-16.19	PASS
2910.48	-52.64	15.75	-36.89	-30	-6.89	PASS
3306.42	-57.98	13.06	-44.92	-30	-14.92	PASS
5771.75	-60.54	12.52	-48.02	-30	-18.02	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)	
85.30	-62.99	3.91	-59.08	-36	-23.08	PASS
114.04	-64.19	6.95	-57.24	-36	-21.24	PASS
332.03	-59.20	9.27	-49.93	-36	-13.93	PASS
668.42	-67.12	9.75	-57.37	-36	-21.37	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)	
1245.74	-66.89	18.05	-48.84	-30	-18.84	PASS
2463.78	-57.69	15.75	-41.94	-30	-11.94	PASS
3055.67	-55.46	13.06	-42.40	-30	-12.40	PASS
4526.00	-58.21	12.52	-45.69	-30	-15.69	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)	
85.59	-76.13	3.91	-72.22	-36	-36.22	PASS
120.59	-74.45	6.95	-67.50	-36	-31.50	PASS
475.01	-77.75	9.27	-68.48	-36	-32.48	PASS
713.16	-77.99	9.75	-68.24	-36	-32.24	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)	
1888.70	-63.35	18.05	-45.30	-30	-15.30	PASS
2214.88	-51.76	15.75	-36.01	-30	-6.01	PASS
3920.43	-50.76	13.06	-37.70	-30	-7.70	PASS
8269.41	-61.9	12.52	-49.38	-30	-19.38	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)	
83.39	-69.62	3.91	-65.71	-36	-29.71	PASS
133.80	-73.46	6.95	-66.51	-36	-30.51	PASS
221.49	-59.82	9.27	-50.55	-36	-14.55	PASS
841.82	-73.40	9.75	-63.65	-36	-27.65	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)	
1624.22	-63.35	18.05	-45.30	-30	-15.30	PASS
2119.86	-59.51	15.75	-43.76	-30	-13.76	PASS
3888.20	-50.14	13.06	-37.08	-30	-7.08	PASS
10361.33	-50.27	12.52	-37.75	-30	-7.75	PASS

Remark:

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

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
81.37	-60.55	3.91	-56.64	-36	-20.64	PASS
109.79	-68.41	6.95	-61.46	-36	-25.46	PASS
486.37	-75.44	9.27	-66.17	-36	-30.17	PASS
603.74	-61.80	9.75	-52.05	-36	-16.05	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)	
1323.02	-60.3	18.05	-42.25	-30	-12.25	PASS
2506.41	-50.95	15.75	-35.20	-30	-5.20	PASS
3535.67	-53.91	13.06	-40.85	-30	-10.85	PASS
10032.78	-68.45	12.52	-55.93	-30	-25.93	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)	
47.54	-71.58	3.91	-67.67	-36	-31.67	PASS
124.29	-77.86	6.95	-70.91	-36	-34.91	PASS
569.05	-60.68	9.27	-51.41	-36	-15.41	PASS
778.48	-76.34	9.75	-66.59	-36	-30.59	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)	
1239.07	-53.97	18.05	-35.92	-30	-5.92	PASS
2911.24	-55.55	15.75	-39.80	-30	-9.80	PASS
3375.15	-53.03	13.06	-39.97	-30	-9.97	PASS
9074.67	-65.08	12.52	-52.56	-30	-22.56	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)	
85.01	-74.90	3.91	-70.99	-36	-34.99	PASS
158.81	-75.60	6.95	-68.65	-36	-32.65	PASS
464.92	-65.84	9.27	-56.57	-36	-20.57	PASS
868.34	-70.10	9.75	-60.35	-36	-24.35	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)	
1130.16	-55.29	18.05	-37.24	-30	-7.24	PASS
2325.50	-53.45	15.75	-37.70	-30	-7.70	PASS
3471.52	-52.21	13.06	-39.15	-30	-9.15	PASS
4184.98	-68.7	12.52	-56.18	-30	-26.18	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)	
45.20	-73.32	3.91	-69.41	-36	-33.41	PASS
168.70	-69.14	6.95	-62.19	-36	-26.19	PASS
522.33	-63.29	9.27	-54.02	-36	-18.02	PASS
743.39	-66.17	9.75	-56.42	-36	-20.42	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)	
1073.68	-52.27	18.05	-34.22	-30	-4.22	PASS
2596.07	-50.04	15.75	-34.29	-30	-4.29	PASS
3745.94	-57.2	13.06	-44.14	-30	-14.14	PASS
10156.02	-65.99	12.52	-53.47	-30	-23.47	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)	
36.73	-68.09	3.91	-64.18	-36	-28.18	PASS
94.90	-65.40	6.95	-58.45	-36	-22.45	PASS
439.60	-76.60	9.27	-67.33	-36	-31.33	PASS
644.18	-59.77	9.75	-50.02	-36	-14.02	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)	
1829.90	-52.74	18.05	-34.69	-30	-4.69	PASS
2146.74	-49.71	15.75	-33.96	-30	-3.96	PASS
3374.68	-61.73	13.06	-48.67	-30	-18.67	PASS
10433.30	-61.34	12.52	-48.82	-30	-18.82	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)	
32.63	-74.09	3.91	-70.18	-36	-34.18	PASS
142.03	-70.37	6.95	-63.42	-36	-27.42	PASS
503.20	-65.25	9.27	-55.98	-36	-19.98	PASS
721.72	-76.81	9.75	-67.06	-36	-31.06	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)	
1440.93	-53.49	18.05	-35.44	-30	-5.44	PASS
2729.69	-65.89	15.75	-50.14	-30	-20.14	PASS
3090.57	-57.56	13.06	-44.50	-30	-14.50	PASS
11187.21	-54.38	12.52	-41.86	-30	-11.86	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)	
84.59	-55.44	3.91	-51.53	-36	-15.53	PASS
92.69	-57.07	6.95	-50.12	-36	-14.12	PASS
534.39	-55.18	9.27	-45.91	-36	-9.91	PASS
861.59	-53.65	9.75	-43.90	-36	-7.90	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)	
1006.51	-52.73	18.05	-34.68	-30	-4.68	PASS
2385.37	-54.64	15.75	-38.89	-30	-8.89	PASS
3832.95	-58.35	13.06	-45.29	-30	-15.29	PASS
6940.50	-54.35	12.52	-41.83	-30	-11.83	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)	
51.85	-51.24	3.91	-47.33	-36	-11.33	PASS
142.46	-59.30	6.95	-52.35	-36	-16.35	PASS
576.84	-58.67	9.27	-49.40	-36	-13.40	PASS
884.48	-52.10	9.75	-42.35	-36	-6.35	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)	
1916.52	-52.31	18.05	-34.26	-30	-4.26	PASS
2626.05	-53.03	15.75	-37.28	-30	-7.28	PASS
3889.47	-56.41	13.06	-43.35	-30	-13.35	PASS
7191.05	-59.30	12.52	-46.78	-30	-16.78	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)	
48.16	-57.27	3.91	-53.36	-36	-17.36	PASS
178.07	-51.17	6.95	-44.22	-36	-8.22	PASS
516.43	-49.43	9.27	-40.16	-36	-4.16	PASS
845.05	-55.69	9.75	-45.94	-36	-9.94	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)	
1309.56	-52.50	18.05	-34.45	-30	-4.45	PASS
2681.00	-55.43	15.75	-39.68	-30	-9.68	PASS
3786.44	-49.71	13.06	-36.65	-30	-6.65	PASS
5123.66	-49.31	12.52	-36.79	-30	-6.79	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)	
88.57	-55.76	3.91	-51.85	-36	-15.85	PASS
119.91	-52.75	6.95	-45.80	-36	-9.80	PASS
264.71	-53.24	9.27	-43.97	-36	-7.97	PASS
858.56	-54.90	9.75	-45.15	-36	-9.15	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)	
1412.67	-53.36	18.05	-35.31	-30	-5.31	PASS
2448.28	-59.19	15.75	-43.44	-30	-13.44	PASS
3535.38	-51.67	13.06	-38.61	-30	-8.61	PASS
11464.59	-51.26	12.52	-38.74	-30	-8.74	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)	
71.21	-50.81	3.91	-46.90	-36	-10.90	PASS
191.12	-54.28	6.95	-47.33	-36	-11.33	PASS
239.51	-50.75	9.27	-41.48	-36	-5.48	PASS
613.60	-51.99	9.75	-42.24	-36	-6.24	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)	
1238.36	-52.64	18.05	-34.59	-30	-4.59	PASS
2549.57	-50.80	15.75	-35.05	-30	-5.05	PASS
3910.26	-51.13	13.06	-38.07	-30	-8.07	PASS
6236.17	-50.44	12.52	-37.92	-30	-7.92	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)	
38.99	-50.95	3.91	-47.04	-36	-11.04	PASS
126.80	-57.56	6.95	-50.61	-36	-14.61	PASS
272.61	-57.00	9.27	-47.73	-36	-11.73	PASS
601.90	-58.03	9.75	-48.28	-36	-12.28	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)	
1956.72	-52.99	18.05	-34.94	-30	-4.94	PASS
2188.00	-58.41	15.75	-42.66	-30	-12.66	PASS
3976.61	-58.47	13.06	-45.41	-30	-15.41	PASS
11181.86	-49.85	12.52	-37.33	-30	-7.33	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)	
80.42	-62.11	3.91	-58.20	-36	-22.20	PASS
122.81	-59.55	6.95	-52.60	-36	-16.60	PASS
468.45	-73.01	9.27	-63.74	-36	-27.74	PASS
754.87	-71.90	9.75	-62.15	-36	-26.15	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)	
1339.76	-61.22	18.05	-43.17	-30	-13.17	PASS
2197.17	-67.68	15.75	-51.93	-30	-21.93	PASS
3175.89	-62.6	13.06	-49.54	-30	-19.54	PASS
7832.95	-62.74	12.52	-50.22	-30	-20.22	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)	
60.45	-72.13	3.91	-68.22	-36	-32.22	PASS
94.24	-61.97	6.95	-55.02	-36	-19.02	PASS
431.81	-79.59	9.27	-70.32	-36	-34.32	PASS
787.15	-63.75	9.75	-54.00	-36	-18.00	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)	
1120.81	-54.48	18.05	-36.43	-30	-6.43	PASS
2796.89	-53.17	15.75	-37.42	-30	-7.42	PASS
3857.82	-65.77	13.06	-52.71	-30	-22.71	PASS
10307.07	-63.51	12.52	-50.99	-30	-20.99	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)	
68.22	-68.34	3.91	-64.43	-36	-28.43	PASS
134.68	-62.31	6.95	-55.36	-36	-19.36	PASS
257.09	-67.10	9.27	-57.83	-36	-21.83	PASS
821.93	-78.17	9.75	-68.42	-36	-32.42	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)	
1706.25	-67.33	18.05	-49.28	-30	-19.28	PASS
2243.82	-58.09	15.75	-42.34	-30	-12.34	PASS
3173.06	-61.41	13.06	-48.35	-30	-18.35	PASS
11578.61	-50.31	12.52	-37.79	-30	-7.79	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)	
53.61	-76.55	3.91	-72.64	-36	-36.64	PASS
132.53	-62.91	6.95	-55.96	-36	-19.96	PASS
405.98	-71.29	9.27	-62.02	-36	-26.02	PASS
751.02	-72.82	9.75	-63.07	-36	-27.07	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)	
1778.47	-60.48	18.05	-42.43	-30	-12.43	PASS
2150.82	-50.93	15.75	-35.18	-30	-5.18	PASS
3800.48	-59.64	13.06	-46.58	-30	-16.58	PASS
5978.66	-59.38	12.52	-46.86	-30	-16.86	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)	
48.54	-78.40	3.91	-74.49	-36	-38.49	PASS
169.98	-71.21	6.95	-64.26	-36	-28.26	PASS
441.49	-72.19	9.27	-62.92	-36	-26.92	PASS
851.21	-62.97	9.75	-53.22	-36	-17.22	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)	
1843.22	-51.82	18.05	-33.77	-30	-3.77	PASS
2663.00	-54.11	15.75	-38.36	-30	-8.36	PASS
3045.77	-66.73	13.06	-53.67	-30	-23.67	PASS
11849.78	-58.12	12.52	-45.60	-30	-15.60	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)	
34.21	-70.80	3.91	-66.89	-36	-30.89	PASS
139.66	-61.51	6.95	-54.56	-36	-18.56	PASS
524.35	-70.13	9.27	-60.86	-36	-24.86	PASS
829.53	-77.60	9.75	-67.85	-36	-31.85	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)	
1187.43	-60.79	18.05	-42.74	-30	-12.74	PASS
2706.19	-55.93	15.75	-40.18	-30	-10.18	PASS
3747.42	-58.19	13.06	-45.13	-30	-15.13	PASS
7364.96	-53.16	12.52	-40.64	-30	-10.64	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)	
62.25	-63.90	3.91	-59.99	-36	-23.99	PASS
169.81	-77.86	6.95	-70.91	-36	-34.91	PASS
413.82	-73.68	9.27	-64.41	-36	-28.41	PASS
706.80	-74.01	9.75	-64.26	-36	-28.26	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)	
1985.19	-53.76	18.05	-35.71	-30	-5.71	PASS
2895.57	-63.28	15.75	-47.53	-30	-17.53	PASS
3136.31	-69.14	13.06	-56.08	-30	-26.08	PASS
4845.23	-63.05	12.52	-50.53	-30	-20.53	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)	
44.64	-65.89	3.91	-61.98	-36	-25.98	PASS
101.63	-73.15	6.95	-66.20	-36	-30.20	PASS
380.98	-70.77	9.27	-61.50	-36	-25.50	PASS
859.56	-64.11	9.75	-54.36	-36	-18.36	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)	
1288.20	-56.15	18.05	-38.10	-30	-8.10	PASS
2781.38	-61.47	15.75	-45.72	-30	-15.72	PASS
3120.60	-54.01	13.06	-40.95	-30	-10.95	PASS
4049.96	-65.74	12.52	-53.22	-30	-23.22	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)	
70.28	-73.12	3.91	-69.21	-36	-33.21	PASS
155.60	-71.32	6.95	-64.37	-36	-28.37	PASS
564.39	-73.58	9.27	-64.31	-36	-28.31	PASS
666.08	-78.02	9.75	-68.27	-36	-32.27	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)	
1731.06	-50.6	18.05	-32.55	-30	-2.55	PASS
2909.91	-63.5	15.75	-47.75	-30	-17.75	PASS
3666.30	-52.06	13.06	-39.00	-30	-9.00	PASS
8569.18	-58.39	12.52	-45.87	-30	-15.87	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)	
41.09	-71.46	3.91	-67.55	-36	-31.55	PASS
140.22	-77.81	6.95	-70.86	-36	-34.86	PASS
460.57	-59.80	9.27	-50.53	-36	-14.53	PASS
724.45	-65.30	9.75	-55.55	-36	-19.55	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1276.98	-52.72	18.05	-34.67	-30	-4.67	PASS
2498.64	-69.27	15.75	-53.52	-30	-23.52	PASS
3829.32	-58.52	13.06	-45.46	-30	-15.46	PASS
9851.04	-51.54	12.52	-39.02	-30	-9.02	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
84.19	-70.17	3.91	-66.26	-36	-30.26	PASS
121.21	-59.86	6.95	-52.91	-36	-16.91	PASS
233.87	-66.82	9.27	-57.55	-36	-21.55	PASS
858.60	-61.83	9.75	-52.08	-36	-16.08	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)	
1889.89	-51.27	18.05	-33.22	-30	-3.22	PASS
2291.28	-54.35	15.75	-38.60	-30	-8.60	PASS
3302.52	-62.96	13.06	-49.90	-30	-19.90	PASS
4706.73	-65.59	12.52	-53.07	-30	-23.07	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)	
89.77	-71.29	3.91	-67.38	-36	-31.38	PASS
122.91	-61.09	6.95	-54.14	-36	-18.14	PASS
455.91	-64.34	9.27	-55.07	-36	-19.07	PASS
787.21	-66.34	9.75	-56.59	-36	-20.59	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)	
1351.81	-68.41	18.05	-50.36	-30	-20.36	PASS
2029.68	-63.83	15.75	-48.08	-30	-18.08	PASS
3615.39	-66.3	13.06	-53.24	-30	-23.24	PASS
5971.18	-62.26	12.52	-49.74	-30	-19.74	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)	
37.51	-78.98	3.91	-75.07	-36	-39.07	PASS
165.00	-71.49	6.95	-64.54	-36	-28.54	PASS
400.77	-62.56	9.27	-53.29	-36	-17.29	PASS
639.46	-66.52	9.75	-56.77	-36	-20.77	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)	
1087.92	-61.5	18.05	-43.45	-30	-13.45	PASS
2359.18	-60.31	15.75	-44.56	-30	-14.56	PASS
3341.55	-52.54	13.06	-39.48	-30	-9.48	PASS
6436.74	-51.73	12.52	-39.21	-30	-9.21	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)	
51.16	-62.30	3.91	-58.39	-36	-22.39	PASS
112.29	-78.05	6.95	-71.10	-36	-35.10	PASS
267.01	-79.66	9.27	-70.39	-36	-34.39	PASS
898.17	-70.66	9.75	-60.91	-36	-24.91	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)	
1685.15	-65.2	18.05	-47.15	-30	-17.15	PASS
2140.90	-61.88	15.75	-46.13	-30	-16.13	PASS
3502.57	-64.71	13.06	-51.65	-30	-21.65	PASS
4554.62	-67.01	12.52	-54.49	-30	-24.49	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
33.97	-67.70	3.91	-63.79	-36	-27.79	PASS
146.40	-72.55	6.95	-65.60	-36	-29.60	PASS
313.62	-63.82	9.27	-54.55	-36	-18.55	PASS
796.36	-65.90	9.75	-56.15	-36	-20.15	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)	
1382.06	-67.83	18.05	-49.78	-30	-19.78	PASS
2520.75	-58.29	15.75	-42.54	-30	-12.54	PASS
3648.90	-57.3	13.06	-44.24	-30	-14.24	PASS
6028.50	-50.25	12.52	-37.73	-30	-7.73	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)	
60.64	-71.93	3.91	-68.02	-36	-32.02	PASS
112.55	-70.76	6.95	-63.81	-36	-27.81	PASS
278.00	-66.60	9.27	-57.33	-36	-21.33	PASS
875.21	-64.78	9.75	-55.03	-36	-19.03	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)	
1201.81	-60.1	18.05	-42.05	-30	-12.05	PASS
2582.15	-61.18	15.75	-45.43	-30	-15.43	PASS
3849.92	-51.59	13.06	-38.53	-30	-8.53	PASS
9745.61	-62.74	12.52	-50.22	-30	-20.22	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)	
37.08	-74.73	3.91	-70.82	-36	-34.82	PASS
194.51	-67.95	6.95	-61.00	-36	-25.00	PASS
558.77	-79.56	9.27	-70.29	-36	-34.29	PASS
617.36	-76.44	9.75	-66.69	-36	-30.69	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)	
1103.50	-64.29	18.05	-46.24	-30	-16.24	PASS
2636.55	-66.97	15.75	-51.22	-30	-21.22	PASS
3518.26	-55.56	13.06	-42.50	-30	-12.50	PASS
9101.95	-65.95	12.52	-53.43	-30	-23.43	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)	
63.27	-74.99	3.91	-71.08	-36	-35.08	PASS
138.31	-69.87	6.95	-62.92	-36	-26.92	PASS
486.70	-70.81	9.27	-61.54	-36	-25.54	PASS
700.58	-67.34	9.75	-57.59	-36	-21.59	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)	
1915.60	-58.2	18.05	-40.15	-30	-10.15	PASS
2324.97	-53.71	15.75	-37.96	-30	-7.96	PASS
3354.87	-60.61	13.06	-47.55	-30	-17.55	PASS
6254.16	-59.47	12.52	-46.95	-30	-16.95	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)	
85.09	-69.36	3.91	-65.45	-36	-29.45	PASS
99.51	-73.21	6.95	-66.26	-36	-30.26	PASS
234.87	-65.63	9.27	-56.36	-36	-20.36	PASS
668.91	-70.08	9.75	-60.33	-36	-24.33	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)	
1887.90	-57.27	18.05	-39.22	-30	-9.22	PASS
2868.99	-51.82	15.75	-36.07	-30	-6.07	PASS
3044.28	-64.67	13.06	-51.61	-30	-21.61	PASS
9476.00	-63.58	12.52	-51.06	-30	-21.06	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)	
79.64	-67.09	3.91	-63.18	-36	-27.18	PASS
103.70	-73.47	6.95	-66.52	-36	-30.52	PASS
588.81	-59.85	9.27	-50.58	-36	-14.58	PASS
815.45	-67.66	9.75	-57.91	-36	-21.91	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)	
1282.96	-69.68	18.05	-51.63	-30	-21.63	PASS
2166.80	-68.02	15.75	-52.27	-30	-22.27	PASS
3296.45	-65.19	13.06	-52.13	-30	-22.13	PASS
9732.26	-57.74	12.52	-45.22	-30	-15.22	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)	
54.83	-74.73	3.91	-70.82	-36	-34.82	PASS
155.82	-72.81	6.95	-65.86	-36	-29.86	PASS
479.17	-70.10	9.27	-60.83	-36	-24.83	PASS
838.44	-68.29	9.75	-58.54	-36	-22.54	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)	
1166.55	-52.52	18.05	-34.47	-30	-4.47	PASS
2903.66	-58.71	15.75	-42.96	-30	-12.96	PASS
3395.92	-56.34	13.06	-43.28	-30	-13.28	PASS
9332.66	-65.38	12.52	-52.86	-30	-22.86	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)	
63.01	-77.96	3.91	-74.05	-36	-38.05	PASS
108.13	-68.47	6.95	-61.52	-36	-25.52	PASS
241.19	-67.45	9.27	-58.18	-36	-22.18	PASS
815.97	-68.03	9.75	-58.28	-36	-22.28	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)	
1561.81	-54.36	18.05	-36.31	-30	-6.31	PASS
2807.96	-69.7	15.75	-53.95	-30	-23.95	PASS
3489.61	-60.42	13.06	-47.36	-30	-17.36	PASS
9279.93	-64.71	12.52	-52.19	-30	-22.19	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)	
79.43	-74.03	3.91	-70.12	-36	-34.12	PASS
188.05	-73.71	6.95	-66.76	-36	-30.76	PASS
397.18	-75.62	9.27	-66.35	-36	-30.35	PASS
784.42	-65.67	9.75	-55.92	-36	-19.92	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)	
1722.13	-52.85	18.05	-34.80	-30	-4.80	PASS
2936.39	-63.22	15.75	-47.47	-30	-17.47	PASS
3384.73	-58.25	13.06	-45.19	-30	-15.19	PASS
11926.91	-61.1	12.52	-48.58	-30	-18.58	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)	
41.09	-74.15	3.91	-70.24	-36	-34.24	PASS
171.27	-60.66	6.95	-53.71	-36	-17.71	PASS
224.40	-64.71	9.27	-55.44	-36	-19.44	PASS
871.03	-60.46	9.75	-50.71	-36	-14.71	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)	
1626.58	-69.21	18.05	-51.16	-30	-21.16	PASS
2541.60	-54.66	15.75	-38.91	-30	-8.91	PASS
3594.07	-57.83	13.06	-44.77	-30	-14.77	PASS
5835.78	-58.51	12.52	-45.99	-30	-15.99	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)	
45.73	-68.39	3.91	-64.48	-36	-28.48	PASS
175.09	-73.33	6.95	-66.38	-36	-30.38	PASS
216.13	-66.99	9.27	-57.72	-36	-21.72	PASS
686.61	-76.86	9.75	-67.11	-36	-31.11	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)	
1588.93	-57.95	18.05	-39.90	-30	-9.90	PASS
2565.32	-67.03	15.75	-51.28	-30	-21.28	PASS
3129.77	-53.61	13.06	-40.55	-30	-10.55	PASS
5180.62	-64.59	12.52	-52.07	-30	-22.07	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
34.35	-78.03	3.91	-74.12	-36	-38.12	PASS
102.76	-76.24	6.95	-69.29	-36	-33.29	PASS
305.79	-64.41	9.27	-55.14	-36	-19.14	PASS
851.69	-67.91	9.75	-58.16	-36	-22.16	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)	
1532.95	-67.46	18.05	-49.41	-30	-19.41	PASS
2978.44	-54.96	15.75	-39.21	-30	-9.21	PASS
3938.75	-67.14	13.06	-54.08	-30	-24.08	PASS
8294.13	-49.34	12.52	-36.82	-30	-6.82	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)	
81.18	-78.28	3.91	-74.37	-36	-38.37	PASS
110.55	-77.77	6.95	-70.82	-36	-34.82	PASS
419.74	-65.01	9.27	-55.74	-36	-19.74	PASS
877.60	-69.10	9.75	-59.35	-36	-23.35	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)	
1547.93	-52.34	18.05	-34.29	-30	-4.29	PASS
2130.70	-65.15	15.75	-49.40	-30	-19.40	PASS
3199.61	-65.45	13.06	-52.39	-30	-22.39	PASS
9905.92	-54.01	12.52	-41.49	-30	-11.49	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)	
56.59	-67.91	3.91	-64.00	-36	-28.00	PASS
118.40	-71.01	6.95	-64.06	-36	-28.06	PASS
437.79	-79.91	9.27	-70.64	-36	-34.64	PASS
758.51	-77.58	9.75	-67.83	-36	-31.83	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)	
1255.74	-53.04	18.05	-34.99	-30	-4.99	PASS
2366.30	-56.05	15.75	-40.30	-30	-10.30	PASS
3674.03	-49.76	13.06	-36.70	-30	-6.70	PASS
11679.52	-67.54	12.52	-55.02	-30	-25.02	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)	
85.10	-75.88	3.91	-71.97	-36	-35.97	PASS
107.19	-68.26	6.95	-61.31	-36	-25.31	PASS
590.59	-67.81	9.27	-58.54	-36	-22.54	PASS
636.27	-66.47	9.75	-56.72	-36	-20.72	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)	
1669.42	-54.02	18.05	-35.97	-30	-5.97	PASS
2297.07	-61.19	15.75	-45.44	-30	-15.44	PASS
3078.01	-55.6	13.06	-42.54	-30	-12.54	PASS
4253.52	-67.71	12.52	-55.19	-30	-25.19	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)	
49.09	-77.19	3.91	-73.28	-36	-37.28	PASS
162.34	-68.58	6.95	-61.63	-36	-25.63	PASS
331.83	-73.33	9.27	-64.06	-36	-28.06	PASS
703.12	-65.42	9.75	-55.67	-36	-19.67	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)	
1815.34	-64.02	18.05	-45.97	-30	-15.97	PASS
2772.10	-61.52	15.75	-45.77	-30	-15.77	PASS
3718.59	-68.29	13.06	-55.23	-30	-25.23	PASS
4210.22	-62.6	12.52	-50.08	-30	-20.08	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)	
76.31	H	-79.60	8.07	-71.53	-57	-14.53	PASS
145.25	H	-89.33	7.62	-81.71	-57	-24.71	PASS
416.85	H	-84.47	5.62	-78.85	-57	-21.85	PASS
746.40	H	-87.83	8.80	-79.03	-57	-22.03	PASS
41.94	V	-82.50	2.77	-79.73	-57	-22.73	PASS
197.23	V	-73.98	7.04	-66.94	-57	-9.94	PASS
455.77	V	-75.89	5.42	-70.47	-57	-13.47	PASS
621.58	V	-71.74	4.44	-67.30	-57	-10.30	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)	
1028.83	V	-72.89	8.92	-63.97	-47	-16.97	PASS
2163.89	V	-73.69	14.79	-58.90	-47	-11.90	PASS
3867.41	V	-75.43	11.97	-63.46	-47	-16.46	PASS
6663.45	V	-78.91	14.58	-64.33	-47	-17.33	PASS
1593.84	H	-73.36	11.13	-62.23	-47	-15.23	PASS
2072.05	H	-73.53	8.20	-65.33	-47	-18.33	PASS
3054.74	H	-69.12	11.93	-57.19	-47	-10.19	PASS
5738.04	H	-66.80	14.12	-52.68	-47	-5.68	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)	
53.82	H	-73.47	8.07	-65.40	-57	-8.40	PASS
126.06	H	-87.61	7.62	-79.99	-57	-22.99	PASS
364.11	H	-69.69	5.62	-64.07	-57	-7.07	PASS
876.55	H	-80.51	8.80	-71.71	-57	-14.71	PASS
57.00	V	-88.02	2.77	-85.25	-57	-28.25	PASS
200.11	V	-82.84	7.04	-75.80	-57	-18.80	PASS
332.93	V	-83.57	5.42	-78.15	-57	-21.15	PASS
892.05	V	-73.27	4.44	-68.83	-57	-11.83	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)	
1028.79	V	-70.35	8.92	-61.43	-47	-14.43	PASS
2266.13	V	-64.74	14.79	-49.95	-47	-2.95	PASS
3797.75	V	-69.39	11.97	-57.42	-47	-10.42	PASS
5977.56	V	-65.33	14.58	-50.75	-47	-3.75	PASS
1466.44	H	-77.05	11.13	-65.92	-47	-18.92	PASS
2835.00	H	-77.15	8.20	-68.95	-47	-21.95	PASS
3556.36	H	-66.92	11.93	-54.99	-47	-7.99	PASS
7024.42	H	-71.31	14.12	-57.19	-47	-10.19	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)	
47.05	H	-71.06	8.07	-62.99	-57	-5.99	PASS
182.89	H	-77.74	7.62	-70.12	-57	-13.12	PASS
312.63	H	-85.94	5.62	-80.32	-57	-23.32	PASS
736.20	H	-71.52	8.80	-62.72	-57	-5.72	PASS
64.08	V	-85.58	2.77	-82.81	-57	-25.81	PASS
106.85	V	-88.62	7.04	-81.58	-57	-24.58	PASS
417.73	V	-78.48	5.42	-73.06	-57	-16.06	PASS
639.67	V	-73.79	4.44	-69.35	-57	-12.35	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)	
1825.18	V	-77.04	8.92	-68.12	-47	-21.12	PASS
2121.09	V	-79.31	14.79	-64.52	-47	-17.52	PASS
3050.70	V	-64.46	11.97	-52.49	-47	-5.49	PASS
5080.57	V	-70.73	14.58	-56.15	-47	-9.15	PASS
1936.29	H	-69.44	11.13	-58.31	-47	-11.31	PASS
2004.90	H	-75.09	8.20	-66.89	-47	-19.89	PASS
3698.25	H	-73.14	11.93	-61.21	-47	-14.21	PASS
4027.50	H	-66.81	14.12	-52.69	-47	-5.69	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)	
63.72	H	-81.55	8.07	-73.48	-57	-16.48	PASS
164.50	H	-76.04	7.62	-68.42	-57	-11.42	PASS
324.32	H	-86.51	5.62	-80.89	-57	-23.89	PASS
718.65	H	-71.21	8.80	-62.41	-57	-5.41	PASS
56.05	V	-70.94	2.77	-68.17	-57	-11.17	PASS
139.68	V	-87.01	7.04	-79.97	-57	-22.97	PASS
583.52	V	-80.21	5.42	-74.79	-57	-17.79	PASS
746.65	V	-79.11	4.44	-74.67	-57	-17.67	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)	
1966.56	V	-76.37	8.92	-67.45	-47	-20.45	PASS
2786.11	V	-79.68	14.79	-64.89	-47	-17.89	PASS
3680.58	V	-76.70	11.97	-64.73	-47	-17.73	PASS
11592.96	V	-66.11	14.58	-51.53	-47	-4.53	PASS
1312.70	H	-77.88	11.13	-66.75	-47	-19.75	PASS
2579.36	H	-71.75	8.20	-63.55	-47	-16.55	PASS
3967.19	H	-72.21	11.93	-60.28	-47	-13.28	PASS
7977.76	H	-70.94	14.12	-56.82	-47	-9.82	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)	
55.04	H	-77.19	8.07	-69.12	-57	-12.12	PASS
126.64	H	-75.53	7.62	-67.91	-57	-10.91	PASS
422.73	H	-84.82	5.62	-79.20	-57	-22.20	PASS
660.23	H	-86.98	8.80	-78.18	-57	-21.18	PASS
37.80	V	-75.04	2.77	-72.27	-57	-15.27	PASS
93.74	V	-83.14	7.04	-76.10	-57	-19.10	PASS
407.31	V	-83.60	5.42	-78.18	-57	-21.18	PASS
750.20	V	-74.35	4.44	-69.91	-57	-12.91	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)	
1341.31	V	-66.43	8.92	-57.51	-47	-10.51	PASS
2673.53	V	-77.45	14.79	-62.66	-47	-15.66	PASS
3890.77	V	-64.96	11.97	-52.99	-47	-5.99	PASS
11028.06	V	-65.58	14.58	-51.00	-47	-4.00	PASS
1507.18	H	-74.02	11.13	-62.89	-47	-15.89	PASS
2230.58	H	-64.03	8.20	-55.83	-47	-8.83	PASS
3520.37	H	-73.67	11.93	-61.74	-47	-14.74	PASS
9897.98	H	-76.35	14.12	-62.23	-47	-15.23	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)	
52.77	H	-71.19	8.07	-63.12	-57	-6.12	PASS
197.57	H	-82.48	7.62	-74.86	-57	-17.86	PASS
460.02	H	-72.07	5.62	-66.45	-57	-9.45	PASS
776.31	H	-78.00	8.80	-69.20	-57	-12.20	PASS
73.10	V	-86.95	2.77	-84.18	-57	-27.18	PASS
172.92	V	-70.22	7.04	-63.18	-57	-6.18	PASS
311.56	V	-86.02	5.42	-80.60	-57	-23.60	PASS
753.45	V	-84.99	4.44	-80.55	-57	-23.55	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)	
1614.03	V	-79.95	8.92	-71.03	-47	-24.03	PASS
2594.67	V	-78.76	14.79	-63.97	-47	-16.97	PASS
3350.81	V	-71.79	11.97	-59.82	-47	-12.82	PASS
6688.12	V	-73.17	14.58	-58.59	-47	-11.59	PASS
1446.35	H	-71.02	11.13	-59.89	-47	-12.89	PASS
2232.56	H	-73.28	8.20	-65.08	-47	-18.08	PASS
3946.15	H	-71.39	11.93	-59.46	-47	-12.46	PASS
10577.38	H	-79.82	14.12	-65.70	-47	-18.70	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)	
87.52	H	-74.46	8.07	-66.39	-57	-9.39	PASS
196.64	H	-71.38	7.62	-63.76	-57	-6.76	PASS
328.90	H	-71.24	5.62	-65.62	-57	-8.62	PASS
723.42	H	-76.03	8.80	-67.23	-57	-10.23	PASS
84.76	V	-78.77	2.77	-76.00	-57	-19.00	PASS
118.93	V	-70.20	7.04	-63.16	-57	-6.16	PASS
548.19	V	-70.04	5.42	-64.62	-57	-7.62	PASS
674.71	V	-71.56	4.44	-67.12	-57	-10.12	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)	
1340.33	V	-66.58	8.92	-57.66	-47	-10.66	PASS
2178.28	V	-64.32	14.79	-49.53	-47	-2.53	PASS
3740.07	V	-67.92	11.97	-55.95	-47	-8.95	PASS
6863.05	V	-67.79	14.58	-53.21	-47	-6.21	PASS
1554.35	H	-66.95	11.13	-55.82	-47	-8.82	PASS
2714.67	H	-66.07	8.20	-57.87	-47	-10.87	PASS
3430.62	H	-66.92	11.93	-54.99	-47	-7.99	PASS
9210.82	H	-65.90	14.12	-51.78	-47	-4.78	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)	
40.41	H	-74.35	8.07	-66.28	-57	-9.28	PASS
185.57	H	-74.64	7.62	-67.02	-57	-10.02	PASS
452.00	H	-75.66	5.62	-70.04	-57	-13.04	PASS
701.07	H	-73.34	8.80	-64.54	-57	-7.54	PASS
73.93	V	-73.81	2.77	-71.04	-57	-14.04	PASS
104.14	V	-73.17	7.04	-66.13	-57	-9.13	PASS
339.99	V	-71.79	5.42	-66.37	-57	-9.37	PASS
761.58	V	-73.88	4.44	-69.44	-57	-12.44	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)	
1958.72	V	-69.56	8.92	-60.64	-47	-13.64	PASS
2246.37	V	-67.57	14.79	-52.78	-47	-5.78	PASS
3183.61	V	-67.58	11.97	-55.61	-47	-8.61	PASS
6451.63	V	-67.40	14.58	-52.82	-47	-5.82	PASS
1583.16	H	-64.85	11.13	-53.72	-47	-6.72	PASS
2794.96	H	-69.46	8.20	-61.26	-47	-14.26	PASS
3884.23	H	-69.70	11.93	-57.77	-47	-10.77	PASS
5719.51	H	-67.56	14.12	-53.44	-47	-6.44	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)	
81.84	H	-76.36	8.07	-68.29	-57	-11.29	PASS
167.39	H	-79.49	7.62	-71.87	-57	-14.87	PASS
376.21	H	-73.13	5.62	-67.51	-57	-10.51	PASS
762.46	H	-75.26	8.80	-66.46	-57	-9.46	PASS
46.92	V	-73.13	2.77	-70.36	-57	-13.36	PASS
119.16	V	-71.72	7.04	-64.68	-57	-7.68	PASS
371.04	V	-73.53	5.42	-68.11	-57	-11.11	PASS
862.21	V	-70.16	4.44	-65.72	-57	-8.72	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)	
1726.29	V	-65.02	8.92	-56.10	-47	-9.10	PASS
2473.85	V	-66.67	14.79	-51.88	-47	-4.88	PASS
3230.39	V	-66.66	11.97	-54.69	-47	-7.69	PASS
5854.28	V	-67.92	14.58	-53.34	-47	-6.34	PASS
1682.23	H	-65.79	11.13	-54.66	-47	-7.66	PASS
2142.75	H	-64.78	8.20	-56.58	-47	-9.58	PASS
3806.27	H	-68.00	11.93	-56.07	-47	-9.07	PASS
8271.78	H	-68.00	14.12	-53.88	-47	-6.88	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)	
41.01	H	-83.60	8.07	-75.53	-57	-18.53	PASS
183.95	H	-70.06	7.62	-62.44	-57	-5.44	PASS
597.49	H	-78.54	5.62	-72.92	-57	-15.92	PASS
630.05	H	-82.91	8.80	-74.11	-57	-17.11	PASS
84.36	V	-76.47	2.77	-73.70	-57	-16.70	PASS
143.63	V	-88.10	7.04	-81.06	-57	-24.06	PASS
287.26	V	-83.00	5.42	-77.58	-57	-20.58	PASS
683.62	V	-79.93	4.44	-75.49	-57	-18.49	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)	
1065.08	V	-68.49	8.92	-59.57	-47	-12.57	PASS
2068.58	V	-70.21	14.79	-55.42	-47	-8.42	PASS
3333.99	V	-67.73	11.97	-55.76	-47	-8.76	PASS
10623.60	V	-67.15	14.58	-52.57	-47	-5.57	PASS
1179.25	H	-76.64	11.13	-65.51	-47	-18.51	PASS
2692.24	H	-74.82	8.20	-66.62	-47	-19.62	PASS
3675.47	H	-64.52	11.93	-52.59	-47	-5.59	PASS
5922.21	H	-77.81	14.12	-63.69	-47	-16.69	PASS

Remark:

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

Band 8 CH M 20M QPSK 30M-1G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
43.08	H	-87.53	8.07	-79.46	-57	-22.46	PASS
180.49	H	-83.36	7.62	-75.74	-57	-18.74	PASS
576.98	H	-74.77	5.62	-69.15	-57	-12.15	PASS
746.21	H	-80.24	8.80	-71.44	-57	-14.44	PASS
40.17	V	-80.66	2.77	-77.89	-57	-20.89	PASS
134.80	V	-81.64	7.04	-74.60	-57	-17.60	PASS
216.28	V	-89.87	5.42	-84.45	-57	-27.45	PASS
652.96	V	-85.21	4.44	-80.77	-57	-23.77	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)	
1332.26	V	-77.78	8.92	-68.86	-47	-21.86	PASS
2641.64	V	-69.97	14.79	-55.18	-47	-8.18	PASS
3887.36	V	-66.48	11.97	-54.51	-47	-7.51	PASS
4501.40	V	-79.41	14.58	-64.83	-47	-17.83	PASS
1973.93	H	-65.83	11.13	-54.70	-47	-7.70	PASS
2285.73	H	-67.46	8.20	-59.26	-47	-12.26	PASS
3520.44	H	-79.62	11.93	-67.69	-47	-20.69	PASS
7140.74	H	-79.05	14.12	-64.93	-47	-17.93	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)	
45.93	H	-81.55	8.07	-73.48	-57	-16.48	PASS
93.66	H	-70.38	7.62	-62.76	-57	-5.76	PASS
482.67	H	-76.03	5.62	-70.41	-57	-13.41	PASS
687.21	H	-74.40	8.80	-65.60	-57	-8.60	PASS
30.17	V	-89.87	2.77	-87.10	-57	-30.10	PASS
126.89	V	-73.82	7.04	-66.78	-57	-9.78	PASS
481.85	V	-85.58	5.42	-80.16	-57	-23.16	PASS
844.86	V	-88.90	4.44	-84.46	-57	-27.46	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)	
1719.80	V	-76.10	8.92	-67.18	-47	-20.18	PASS
2051.88	V	-78.04	14.79	-63.25	-47	-16.25	PASS
3998.84	V	-76.83	11.97	-64.86	-47	-17.86	PASS
9045.98	V	-75.56	14.58	-60.98	-47	-13.98	PASS
1610.32	H	-74.59	11.13	-63.46	-47	-16.46	PASS
2133.99	H	-69.92	8.20	-61.72	-47	-14.72	PASS
3401.36	H	-72.70	11.93	-60.77	-47	-13.77	PASS
11457.33	H	-70.15	14.12	-56.03	-47	-9.03	PASS

Remark:

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

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
58.64	H	-70.37	8.07	-62.30	-57	-5.30	PASS
153.61	H	-82.37	7.62	-74.75	-57	-17.75	PASS
547.05	H	-89.06	5.62	-83.44	-57	-26.44	PASS
691.86	H	-80.08	8.80	-71.28	-57	-14.28	PASS
35.99	V	-87.59	2.77	-84.82	-57	-27.82	PASS
198.85	V	-75.61	7.04	-68.57	-57	-11.57	PASS
282.87	V	-69.88	5.42	-64.46	-57	-7.46	PASS
814.52	V	-79.86	4.44	-75.42	-57	-18.42	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)	
1583.99	V	-73.74	8.92	-64.82	-47	-17.82	PASS
2479.46	V	-76.92	14.79	-62.13	-47	-15.13	PASS
3910.78	V	-64.21	11.97	-52.24	-47	-5.24	PASS
8553.81	V	-66.58	14.58	-52.00	-47	-5.00	PASS
1988.21	H	-64.63	11.13	-53.50	-47	-6.50	PASS
2083.70	H	-76.47	8.20	-68.27	-47	-21.27	PASS
3821.12	H	-73.19	11.93	-61.26	-47	-14.26	PASS
10649.36	H	-75.64	14.12	-61.52	-47	-14.52	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)	
68.31	H	-73.64	8.07	-65.57	-57	-8.57	PASS
187.91	H	-88.90	7.62	-81.28	-57	-24.28	PASS
367.60	H	-81.44	5.62	-75.82	-57	-18.82	PASS
860.10	H	-80.84	8.80	-72.04	-57	-15.04	PASS
44.75	V	-74.42	2.77	-71.65	-57	-14.65	PASS
200.62	V	-82.45	7.04	-75.41	-57	-18.41	PASS
436.18	V	-89.57	5.42	-84.15	-57	-27.15	PASS
698.69	V	-80.60	4.44	-76.16	-57	-19.16	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)	
1080.80	V	-68.29	8.92	-59.37	-47	-12.37	PASS
2887.59	V	-70.37	14.79	-55.58	-47	-8.58	PASS
3264.59	V	-77.58	11.97	-65.61	-47	-18.61	PASS
6018.64	V	-65.87	14.58	-51.29	-47	-4.29	PASS
1316.14	H	-74.34	11.13	-63.21	-47	-16.21	PASS
2102.28	H	-67.63	8.20	-59.43	-47	-12.43	PASS
3135.88	H	-69.27	11.93	-57.34	-47	-10.34	PASS
5353.04	H	-66.43	14.12	-52.31	-47	-5.31	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)	
44.90	H	-80.26	8.07	-72.19	-57	-15.19	PASS
198.94	H	-72.46	7.62	-64.84	-57	-7.84	PASS
592.33	H	-72.61	5.62	-66.99	-57	-9.99	PASS
782.09	H	-80.67	8.80	-71.87	-57	-14.87	PASS
82.98	V	-78.63	2.77	-75.86	-57	-18.86	PASS
147.18	V	-71.14	7.04	-64.10	-57	-7.10	PASS
539.73	V	-72.76	5.42	-67.34	-57	-10.34	PASS
686.14	V	-74.57	4.44	-70.13	-57	-13.13	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)	
1668.12	V	-78.94	8.92	-70.02	-47	-23.02	PASS
2252.71	V	-67.37	14.79	-52.58	-47	-5.58	PASS
3199.73	V	-73.49	11.97	-61.52	-47	-14.52	PASS
10338.87	V	-71.60	14.58	-57.02	-47	-10.02	PASS
1104.86	H	-65.31	11.13	-54.18	-47	-7.18	PASS
2492.20	H	-76.01	8.20	-67.81	-47	-20.81	PASS
3007.54	H	-66.60	11.93	-54.67	-47	-7.67	PASS
10668.56	H	-64.53	14.12	-50.41	-47	-3.41	PASS

Remark:

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

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

D.2. CONTROL AND MONITORING FUNCTIONS (UE)

Definition & Limits

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

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

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

Limits:

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

Test method

a) At the start of the test, the UE shall be switched off. The UE antenna connector shall be connected to a power measuring equipment, with the following characteristics:

- the RF bandwidth shall exceed the total operating transmit frequency range of the UE for operation with an applicable part;
- the response time of the power measuring equipment shall be such that the measured power has reached within 1 dB of its steady state value within 100 µs of a CW signal being applied;
- it shall record the maximum power measured.

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

b) The UE shall be switched on for a period of approximately fifteen minutes, and then switched off.

c) The EUT shall remain switched off for a period of at least thirty seconds, and shall then be switched on for a period of approximately one minute.

d) The maximum power emitted from the UE throughout the duration of the test shall be recorded. The results obtained shall be compared to the limits in clause 4.2.4.2 in order to prove compliance.

Test Data

Test Condition	Monitoring band	Max Measured Power(dBm)	Limit(dBm)	Result
Normal	The whole band range	-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"> -16,6 for UEs not supporting enhanced receiver performance type 1 for DCH -19,6 for UEs supporting enhanced receiver performance type 1 for DCH After point A not defined	dB
$\frac{DPCCH_E_c}{I_{or}}$	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