



# **RADIO TEST REPORT**

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

## **ETSI EN 301 908-13 V13.2.1 (2022-02)**

**Product :** 4G Tablet

**Trade Mark :** Blackview

**Model Name :** Tab 12 pro

**Family Model :** N/A

**Report No. :** STR221128001008E

### **Prepared for**

DOKE COMMUNICATION (HK) LIMITED  
RM 1902 EASEY COMM BLDG 253-261 HENNESSY ROAD WANCHAI HK  
CHINA

### **Prepared by**

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

**TEST RESULT CERTIFICATION**

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

**Product description**

**Product name**..... : 4G Tablet  
**Trademark** ..... : Blackview  
**Model Name** ..... : Tab 12 pro  
**Family Model** ..... : N/A

**Standards** ..... : ETSI EN 301 908-1 V13.1.1 (2019-11)  
 ETSI EN 301 908-13 V13.2.1 (2022-02)

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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**Test Sample Number** ..... T221128001R003

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

Date (s) of performance of tests..... Nov 28. 2022 ~ Dec 13. 2022

Date of Issue..... Dec 13. 2022

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

Testing Engineer :   
 \_\_\_\_\_  
 (Mary Hu)

Authorized Signatory :   
 \_\_\_\_\_  
 (Alex Li)





## 1.SUMMARY OF TEST RESULTS

### Leading Reference Documents For Testing:

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

### Specific Reference Documents For Testing:

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

**1.1 TEST FACILITY**

Shenzhen NTEK Testing Technology Co., Ltd.  
 Add. : 1/F, Building E, Fenda Science Park, Sanwei Community, Xixiang Street, Bao'an District,  
 Shenzhen 518126 P.R. China  
 FCC Registered No.: 463705 IC Registered No.:9270A-1  
 CNAS Registration No.:L5516

**1.2 MEASUREMENT UNCERTAINTY**

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

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



## 2.GENERAL INFORMATION

### 2.1 GENERAL DESCRIPTION OF EUT

Equipment	4G Tablet
Trade Mark	Blackview
Model Name	Tab 12 pro
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	Adapter 1: Model: QZ-01000EA00 Input: 100-240V~50/60Hz 0.3A Output: 5.0V---2.0A(10.0W) Adapter 2: Model: HJ-0502000C2-EU Input: 100-240V~50/60Hz 0.3A Output: 5.0V---2.0A(10.0W)
Battery	DC 3.8V, 6580mAh,25.0Wh
Rating	DC 3.8V from battery or DC 5V from Adapter.
Antenna:	PIFA Antenna
Antenna Gain:	Band I: 1.5 dBi, Band III: 1.2 dBi, Band VII: 0.5 dBi, Band VIII: -3.1 dBi, Band XX: 2.6 dBi, Band XL: 0.7 dBi,
Hardware Version	T30-T616-V2.0-221118-Q
Software Version	Tab_12_Pro_EEA_T30_V1.0

**2.2 LIST OF TEST EQUIPMENTS**

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Spectrum Analyzer	Agilent	E4407B	MY45108040	2022.04.01	2023.03.31	1 year
2	Test Receiver	R&S	ESPI7	101318	2022.04.06	2023.04.05	1 year
3	Bilog Antenna	TESEQ	CBL6111D	31216	2022.03.30	2023.03.29	1 year
4	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2020.05.11	2023.05.10	3 year
5	Spectrum Analyzer	Agilent	N9020A	MY46471732	2022.04.01	2023.03.31	1 year
6	Horn Antenna	EM	EM-AH-20180	2011071402	2022.03.31	2023.03.30	1 year
7	Horn Ant	Schwarzbeck	BBHA 9170	9170-181	2022.04.01	2023.03.31	1 year
8	Amplifier	EMC	EMC051835S E	980246	2022.06.17	2023.06.16	1 year
9	Loop Antenna	ARA	PLA-2030/B	1029	2022.03.31	2023.03.30	1 year
10	Temperature & Humidity Chamber	GIANT FORCE	GTH-056P	GF-94454-1	2022.06.17	2023.06.16	1 year
11	LTE Wireless Communications Test Set	R&S	CMW500	1100.008.02	2022.03.30	2023.03.29	1 year
12	Power Splitter	Mini-Circuits	ZN2PD-63-S+	SF025101428	2020.04..07	2023.04.06	3 year
13	Wireless Communication Test	Anritsu	MT8821C	6262192315	2022.11.01	2023.10.31	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	2022.04.01	2023.03.31	1 year
16	Spectrum Analyzer	R&S	FSV40	101417	2022.04.01	2023.03.31	1 year



### 2.3 TEST ENVIRONMENT/CONDITIONS

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

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

### 2.4 TEST MODE

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

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

LTE FDD Band XX mode	5MHz	QPSK/ 16QAM	Ch 24175
			Ch 24300
			Ch 24425
	10MHz	QPSK/ 16QAM	Ch 24200
			Ch 24300
			Ch 24400
	20MHz	QPSK/ 16QAM	Ch 24250
			Ch 24300
			Ch 24350
TDD Band XL Mode	5MHz	QPSK/ 16QAM	Ch 38675
			Ch 39150
			Ch 39625
	10MHz	QPSK/ 16QAM	Ch 38700
			Ch 39150
			Ch 39600
	20MHz	QPSK/ 16QAM	Ch 38750
			Ch 39150
			Ch 39550

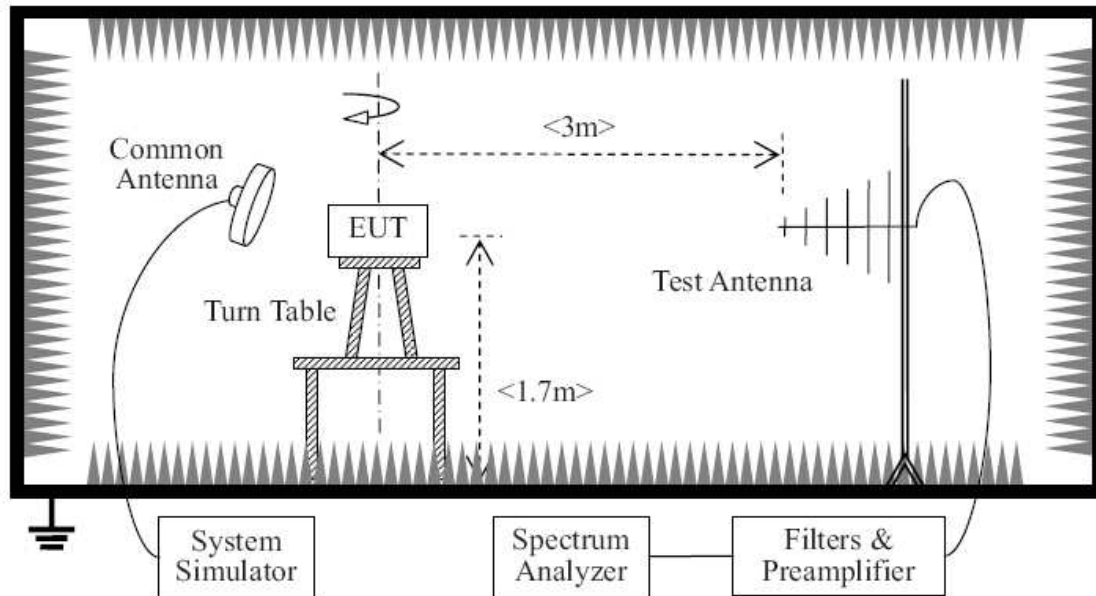
Table 2

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

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

## 2.5 TEST SETUP

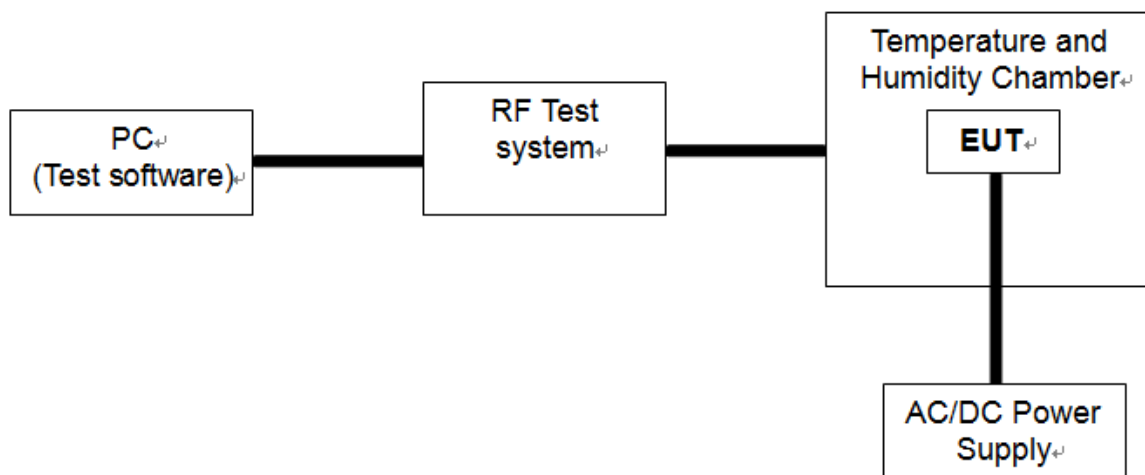
### 1. Radiated Spurious Emission Test Setup



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

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

### 2. Conducted Test





**3. SUMMARY OF THE REPORT**

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

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

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

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

**Table 2** EN Requirements Table

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

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

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

4.2.10	7.9	Receiver Spurious Emissions	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX TDD Band XL	A01	PASS	Appendix A - LTE - Normal
4.2.12	7.3	Receiver Reference Sensitivity Level	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX TDD Band XL	A01	PASS	Appendix A - LTE - Normal

Note 1: Receiver Spurious Response is just for the out-of-band blocking limit is not met.

## **APPENDIX D——TEST DATA FOR SPURIOUS EMISSIONS**

**D.1. RADIATED SPURIOUS EMISSIONS.**

The laboratory has completed all tests for normal and extreme voltage conditions and LTE+WIFI mode. This report shows only the worst test data.

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
44.31	-61.77	3.91	-57.86	-36	-21.86	PASS
150.01	-77.16	6.95	-70.21	-36	-34.21	PASS
549.89	-79.16	9.27	-69.89	-36	-33.89	PASS
648.84	-75.23	9.75	-65.48	-36	-29.48	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)	
1918.73	-61.33	18.05	-43.28	-30	-13.28	PASS
2326.81	-49.93	15.75	-34.18	-30	-4.18	PASS
3318.66	-59.92	13.06	-46.86	-30	-16.86	PASS
9069.99	-69.57	12.52	-57.05	-30	-27.05	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)	
36.77	-66.09	3.91	-62.18	-36	-26.18	PASS
123.93	-64.6	6.95	-57.65	-36	-21.65	PASS
478.12	-63.85	9.27	-54.58	-36	-18.58	PASS
608.34	-71.15	9.75	-61.40	-36	-25.40	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)	
1777.83	-61.51	18.05	-43.46	-30	-13.46	PASS
2608.11	-62.41	15.75	-46.66	-30	-16.66	PASS
3126.28	-68.66	13.06	-55.60	-30	-25.60	PASS
11794.68	-64.84	12.52	-52.32	-30	-22.32	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)	
51.77	-68.71	3.91	-64.80	-36	-28.80	PASS
192.11	-75.52	6.95	-68.57	-36	-32.57	PASS
330.72	-76.98	9.27	-67.71	-36	-31.71	PASS
848.53	-70.56	9.75	-60.81	-36	-24.81	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)	
1411.71	-57.12	18.05	-39.07	-30	-9.07	PASS
2110.01	-57.45	15.75	-41.70	-30	-11.70	PASS
3455.19	-69.46	13.06	-56.40	-30	-26.40	PASS
6810.16	-52.02	12.52	-39.50	-30	-9.50	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)	
42.26	-63.35	3.91	-59.44	-36	-23.44	PASS
145.02	-78.73	6.95	-71.78	-36	-35.78	PASS
343.18	-59.11	9.27	-49.84	-36	-13.84	PASS
714.33	-61.51	9.75	-51.76	-36	-15.76	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)	
1626.63	-65.9	18.05	-47.85	-30	-17.85	PASS
2110.87	-63.67	15.75	-47.92	-30	-17.92	PASS
3300.04	-57.65	13.06	-44.59	-30	-14.59	PASS
5649.31	-56.83	12.52	-44.31	-30	-14.31	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)	
82.73	-68.51	3.91	-64.60	-36	-28.60	PASS
171.27	-74.59	6.95	-67.64	-36	-31.64	PASS
373.48	-78.47	9.27	-69.20	-36	-33.20	PASS
857.38	-72.03	9.75	-62.28	-36	-26.28	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)	
1431.88	-56.93	18.05	-38.88	-30	-8.88	PASS
2194.46	-52.21	15.75	-36.46	-30	-6.46	PASS
3860.74	-63.16	13.06	-50.10	-30	-20.10	PASS
8699.48	-61.61	12.52	-49.09	-30	-19.09	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)	
79.94	-62.87	3.91	-58.96	-36	-22.96	PASS
196.19	-62.22	6.95	-55.27	-36	-19.27	PASS
331.73	-64.15	9.27	-54.88	-36	-18.88	PASS
840.90	-64.83	9.75	-55.08	-36	-19.08	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)	
1619.43	-61.35	18.05	-43.30	-30	-13.30	PASS
2185.87	-59.92	15.75	-44.17	-30	-14.17	PASS
3620.46	-52.22	13.06	-39.16	-30	-9.16	PASS
8582.12	-53.93	12.52	-41.41	-30	-11.41	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)	
74.43	-79.64	3.91	-75.73	-36	-39.73	PASS
176.52	-73.65	6.95	-66.70	-36	-30.70	PASS
344.81	-68.8	9.27	-59.53	-36	-23.53	PASS
608.96	-70.32	9.75	-60.57	-36	-24.57	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)	
1898.32	-53.58	18.05	-35.53	-30	-5.53	PASS
2187.07	-54.62	15.75	-38.87	-30	-8.87	PASS
3529.43	-52.69	13.06	-39.63	-30	-9.63	PASS
7887.80	-54.06	12.52	-41.54	-30	-11.54	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)	
90.04	-76.79	3.91	-72.88	-36	-36.88	PASS
167.22	-61.5	6.95	-54.55	-36	-18.55	PASS
327.97	-69.44	9.27	-60.17	-36	-24.17	PASS
613.94	-72.36	9.75	-62.61	-36	-26.61	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)	
1023.96	-66.92	18.05	-48.87	-30	-18.87	PASS
2698.88	-69.56	15.75	-53.81	-30	-23.81	PASS
3356.34	-60.86	13.06	-47.80	-30	-17.80	PASS
5549.62	-59.5	12.52	-46.98	-30	-16.98	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)	
82.77	-66.13	2.35	-63.78	-36	-27.78	PASS
189.39	-51.03	1.38	-49.65	-36	-13.65	PASS
467.66	-52.39	5.45	-46.94	-36	-10.94	PASS
802.63	-67.75	1.45	-66.30	-36	-30.30	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)	
1048.89	-55.38	14.81	-40.57	-30	-10.57	PASS
2632.09	-58.83	15.91	-42.92	-30	-12.92	PASS
3264.20	-57.74	14.93	-42.81	-30	-12.81	PASS
10177.15	-52.30	16.55	-35.75	-30	-5.75	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)	
30.78	-69.49	5.93	-63.56	-36	-27.56	PASS
134.62	-56.06	9.25	-46.81	-36	-10.81	PASS
294.36	-68.64	4.35	-64.29	-36	-28.29	PASS
841.98	-62.00	8.47	-53.53	-36	-17.53	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)	
1697.59	-63.90	18.25	-45.65	-30	-15.65	PASS
2704.96	-56.18	18.87	-37.31	-30	-7.31	PASS
3208.79	-55.11	13.86	-41.25	-30	-11.25	PASS
8488.27	-69.04	10.24	-58.80	-30	-28.80	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)	
68.70	-55.64	6.38	-49.26	-36	-13.26	PASS
132.59	-53.80	8.65	-45.15	-36	-9.15	PASS
457.72	-59.15	1.51	-57.64	-36	-21.64	PASS
696.40	-59.34	9.03	-50.31	-36	-14.31	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)	
1316.80	-55.69	11.72	-43.97	-30	-13.97	PASS
2190.24	-52.11	15.95	-36.16	-30	-6.16	PASS
3850.89	-62.73	12.25	-50.48	-30	-20.48	PASS
7637.28	-56.79	15.98	-40.81	-30	-10.81	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)	
87.18	-52.42	1.69	-50.73	-36	-14.73	PASS
147.54	-59.20	3.80	-55.40	-36	-19.40	PASS
532.10	-63.64	3.93	-59.71	-36	-23.71	PASS
705.01	-54.48	8.89	-45.59	-36	-9.59	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)	
1999.91	-62.59	15.40	-47.19	-30	-17.19	PASS
2177.49	-54.37	14.23	-40.14	-30	-10.14	PASS
3604.39	-66.76	18.65	-48.11	-30	-18.11	PASS
6725.69	-60.44	16.16	-44.28	-30	-14.28	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)	
72.60	-61.66	3.91	-57.75	-36	-21.75	PASS
160.48	-62.95	6.95	-56.00	-36	-20.00	PASS
428.25	-69.50	9.27	-60.23	-36	-24.23	PASS
708.35	-65.00	9.75	-55.25	-36	-19.25	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)	
1697.65	-58.37	18.05	-40.32	-30	-10.32	PASS
2276.37	-58.01	15.75	-42.26	-30	-12.26	PASS
3839.35	-56.3	13.06	-43.24	-30	-13.24	PASS
6693.19	-51.49	12.52	-38.97	-30	-8.97	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)	
31.24	-69.46	3.91	-65.55	-36	-29.55	PASS
173.89	-63.89	6.95	-56.94	-36	-20.94	PASS
223.73	-75.76	9.27	-66.49	-36	-30.49	PASS
622.52	-74.63	9.75	-64.88	-36	-28.88	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)	
1005.14	-67.28	18.05	-49.23	-30	-19.23	PASS
2700.27	-65.38	15.75	-49.63	-30	-19.63	PASS
3473.88	-64.95	13.06	-51.89	-30	-21.89	PASS
8462.67	-64.38	12.52	-51.86	-30	-21.86	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)	
60.60	-62.32	3.91	-58.41	-36	-22.41	PASS
177.71	-68.77	6.95	-61.82	-36	-25.82	PASS
204.32	-67.57	9.27	-58.30	-36	-22.30	PASS
655.11	-69.36	9.75	-59.61	-36	-23.61	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)	
1728.04	-69.06	18.05	-51.01	-30	-21.01	PASS
2881.62	-50.56	15.75	-34.81	-30	-4.81	PASS
3610.17	-59.09	13.06	-46.03	-30	-16.03	PASS
6225.21	-54.77	12.52	-42.25	-30	-12.25	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)	
64.54	-70.04	3.91	-66.13	-36	-30.13	PASS
181.94	-72.96	6.95	-66.01	-36	-30.01	PASS
500.50	-79.14	9.27	-69.87	-36	-33.87	PASS
634.62	-60.41	9.75	-50.66	-36	-14.66	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)	
1613.04	-54.45	18.05	-36.40	-30	-6.40	PASS
2348.52	-58.6	15.75	-42.85	-30	-12.85	PASS
3971.55	-53.06	13.06	-40.00	-30	-10.00	PASS
11997.50	-65.69	12.52	-53.17	-30	-23.17	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)	
87.34	-68.52	3.91	-64.61	-36	-28.61	PASS
107.18	-75.51	6.95	-68.56	-36	-32.56	PASS
470.83	-73.35	9.27	-64.08	-36	-28.08	PASS
632.36	-77.43	9.75	-67.68	-36	-31.68	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)	
1086.85	-64.11	18.05	-46.06	-30	-16.06	PASS
2298.16	-68.47	15.75	-52.72	-30	-22.72	PASS
3147.57	-62.73	13.06	-49.67	-30	-19.67	PASS
11278.52	-52.67	12.52	-40.15	-30	-10.15	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)	
32.01	-74.51	3.91	-70.60	-36	-34.60	PASS
135.45	-70.21	6.95	-63.26	-36	-27.26	PASS
251.42	-63.60	9.27	-54.33	-36	-18.33	PASS
758.70	-71.98	9.75	-62.23	-36	-26.23	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1836.75	-57.84	18.05	-39.79	-30	-9.79	PASS
2558.58	-49.4	15.75	-33.65	-30	-3.65	PASS
3803.05	-68.47	13.06	-55.41	-30	-25.41	PASS
9790.71	-61.19	12.52	-48.67	-30	-18.67	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)	
73.81	-78.51	3.91	-74.60	-36	-38.60	PASS
109.41	-67.30	6.95	-60.35	-36	-24.35	PASS
486.61	-71.24	9.27	-61.97	-36	-25.97	PASS
704.80	-71.17	9.75	-61.42	-36	-25.42	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)	
1744.90	-53.03	18.05	-34.98	-30	-4.98	PASS
2986.02	-52.77	15.75	-37.02	-30	-7.02	PASS
3028.41	-55.07	13.06	-42.01	-30	-12.01	PASS
5675.26	-58.29	12.52	-45.77	-30	-15.77	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)	
73.26	-74.11	3.91	-70.20	-36	-34.20	PASS
143.96	-72.03	6.95	-65.08	-36	-29.08	PASS
369.93	-73.82	9.27	-64.55	-36	-28.55	PASS
666.49	-79.80	9.75	-70.05	-36	-34.05	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)	
1823.38	-62.48	18.05	-44.43	-30	-14.43	PASS
2092.39	-67.73	15.75	-51.98	-30	-21.98	PASS
3471.64	-58.73	13.06	-45.67	-30	-15.67	PASS
10856.22	-63.3	12.52	-50.78	-30	-20.78	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)	
57.65	-70.98	3.91	-67.07	-36	-31.07	PASS
98.12	-63.15	6.95	-56.20	-36	-20.20	PASS
284.55	-65.60	9.27	-56.33	-36	-20.33	PASS
787.04	-62.49	9.75	-52.74	-36	-16.74	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)	
1892.99	-56.41	18.05	-38.36	-30	-8.36	PASS
2079.78	-67.68	15.75	-51.93	-30	-21.93	PASS
3589.14	-69.44	13.06	-56.38	-30	-26.38	PASS
10801.01	-53.12	12.52	-40.60	-30	-10.60	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
74.19	-69.68	3.91	-65.77	-36	-29.77	PASS
120.96	-72.16	6.95	-65.21	-36	-29.21	PASS
560.53	-67.93	9.27	-58.66	-36	-22.66	PASS
686.38	-59.54	9.75	-49.79	-36	-13.79	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)	
1871.35	-60.5	18.05	-42.45	-30	-12.45	PASS
2743.96	-66.85	15.75	-51.10	-30	-21.10	PASS
3296.54	-52.33	13.06	-39.27	-30	-9.27	PASS
7726.54	-53.69	12.52	-41.17	-30	-11.17	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)	
35.06	-79.64	3.91	-75.73	-36	-39.73	PASS
109.92	-70.46	6.95	-63.51	-36	-27.51	PASS
540.75	-65.07	9.27	-55.80	-36	-19.80	PASS
798.21	-59.10	9.75	-49.35	-36	-13.35	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)	
1182.13	-53.9	18.05	-35.85	-30	-5.85	PASS
2754.39	-55.79	15.75	-40.04	-30	-10.04	PASS
3228.39	-56.97	13.06	-43.91	-30	-13.91	PASS
8597.62	-53.01	12.52	-40.49	-30	-10.49	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)	
46.69	-69.98	3.91	-66.07	-36	-30.07	PASS
133.71	-63.16	6.95	-56.21	-36	-20.21	PASS
584.64	-60.34	9.27	-51.07	-36	-15.07	PASS
819.69	-60.06	9.75	-50.31	-36	-14.31	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)	
1115.74	-60.92	18.05	-42.87	-30	-12.87	PASS
2226.47	-64.51	15.75	-48.76	-30	-18.76	PASS
3797.55	-67.4	13.06	-54.34	-30	-24.34	PASS
8000.85	-59.55	12.52	-47.03	-30	-17.03	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)	
58.19	-70.45	3.91	-66.54	-36	-30.54	PASS
166.16	-73.15	6.95	-66.20	-36	-30.20	PASS
515.91	-63.19	9.27	-53.92	-36	-17.92	PASS
705.95	-63.05	9.75	-53.30	-36	-17.30	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)	
1850.05	-60.11	18.05	-42.06	-30	-12.06	PASS
2712.05	-56.27	15.75	-40.52	-30	-10.52	PASS
3821.31	-50.33	13.06	-37.27	-30	-7.27	PASS
4103.21	-69.17	12.52	-56.65	-30	-26.65	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)	
57.64	-64.52	3.91	-60.61	-36	-24.61	PASS
109.13	-70.71	6.95	-63.76	-36	-27.76	PASS
574.79	-59.26	9.27	-49.99	-36	-13.99	PASS
765.40	-64.41	9.75	-54.66	-36	-18.66	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1000.34	-62.09	18.05	-44.04	-30	-14.04	PASS
2106.23	-69.56	15.75	-53.81	-30	-23.81	PASS
3425.60	-49.95	13.06	-36.89	-30	-6.89	PASS
8842.63	-53.82	12.52	-41.30	-30	-11.30	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)	
68.45	-65.99	3.91	-62.08	-36	-26.08	PASS
172.37	-73.89	6.95	-66.94	-36	-30.94	PASS
456.77	-79.52	9.27	-70.25	-36	-34.25	PASS
756.10	-62.87	9.75	-53.12	-36	-17.12	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)	
1473.41	-52.38	18.05	-34.33	-30	-4.33	PASS
2444.20	-65.85	15.75	-50.10	-30	-20.10	PASS
3718.90	-61.42	13.06	-48.36	-30	-18.36	PASS
7569.60	-69.79	12.52	-57.27	-30	-27.27	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)	
77.25	-70.56	3.91	-66.65	-36	-30.65	PASS
172.75	-60.24	6.95	-53.29	-36	-17.29	PASS
278.71	-63.74	9.27	-54.47	-36	-18.47	PASS
899.61	-60.36	9.75	-50.61	-36	-14.61	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)	
1601.24	-52.04	18.05	-33.99	-30	-3.99	PASS
2059.06	-50.8	15.75	-35.05	-30	-5.05	PASS
3976.83	-51.74	13.06	-38.68	-30	-8.68	PASS
7488.86	-54.67	12.52	-42.15	-30	-12.15	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)	
30.84	-72.10	3.91	-68.19	-36	-32.19	PASS
130.52	-78.15	6.95	-71.20	-36	-35.20	PASS
466.75	-59.62	9.27	-50.35	-36	-14.35	PASS
863.06	-77.25	9.75	-67.50	-36	-31.50	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)	
1207.46	-50.55	18.05	-32.50	-30	-2.50	PASS
2846.13	-60.18	15.75	-44.43	-30	-14.43	PASS
3261.47	-50.97	13.06	-37.91	-30	-7.91	PASS
4520.74	-69.55	12.52	-57.03	-30	-27.03	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)	
40.12	-74.79	3.91	-70.88	-36	-34.88	PASS
122.94	-66.05	6.95	-59.10	-36	-23.10	PASS
256.28	-78.15	9.27	-68.88	-36	-32.88	PASS
676.37	-73.15	9.75	-63.40	-36	-27.40	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)	
1919.86	-56.45	18.05	-38.40	-30	-8.40	PASS
2024.48	-51.16	15.75	-35.41	-30	-5.41	PASS
3165.89	-69.23	13.06	-56.17	-30	-26.17	PASS
5679.80	-53.97	12.52	-41.45	-30	-11.45	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)	
78.58	-52.15	3.91	-48.24	-36	-12.24	PASS
182.01	-59.25	6.95	-52.30	-36	-16.30	PASS
369.02	-58.18	9.27	-48.91	-36	-12.91	PASS
805.00	-50.16	9.75	-40.41	-36	-4.41	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)	
1710.22	-54.87	18.05	-36.82	-30	-6.82	PASS
2534.41	-58.94	15.75	-43.19	-30	-13.19	PASS
3405.96	-55.24	13.06	-42.18	-30	-12.18	PASS
8545.57	-58.89	12.52	-46.37	-30	-16.37	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)	
62.57	-51.88	3.91	-47.97	-36	-11.97	PASS
93.87	-53.10	6.95	-46.15	-36	-10.15	PASS
214.64	-54.46	9.27	-45.19	-36	-9.19	PASS
897.00	-52.61	9.75	-42.86	-36	-6.86	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)	
1470.91	-58.50	18.05	-40.45	-30	-10.45	PASS
2749.76	-54.68	15.75	-38.93	-30	-8.93	PASS
3366.50	-53.79	13.06	-40.73	-30	-10.73	PASS
7708.06	-59.39	12.52	-46.87	-30	-16.87	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)	
50.79	-51.87	3.91	-47.96	-36	-11.96	PASS
114.79	-53.21	6.95	-46.26	-36	-10.26	PASS
436.02	-55.62	9.27	-46.35	-36	-10.35	PASS
749.75	-49.38	9.75	-39.63	-36	-3.63	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)	
1893.22	-52.64	18.05	-34.59	-30	-4.59	PASS
2067.39	-59.66	15.75	-43.91	-30	-13.91	PASS
3852.25	-58.80	13.06	-45.74	-30	-15.74	PASS
11474.40	-50.72	12.52	-38.20	-30	-8.20	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)	
62.19	-49.07	3.91	-45.16	-36	-9.16	PASS
145.13	-51.11	6.95	-44.16	-36	-8.16	PASS
378.83	-50.58	9.27	-41.31	-36	-5.31	PASS
726.50	-54.32	9.75	-44.57	-36	-8.57	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)	
1313.39	-57.46	18.05	-39.41	-30	-9.41	PASS
2627.98	-50.25	15.75	-34.50	-30	-4.50	PASS
3891.31	-53.43	13.06	-40.37	-30	-10.37	PASS
11833.45	-53.52	12.52	-41.00	-30	-11.00	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)	
85.04	-50.57	3.91	-46.66	-36	-10.66	PASS
200.74	-53.96	6.95	-47.01	-36	-11.01	PASS
468.85	-52.82	9.27	-43.55	-36	-7.55	PASS
613.05	-57.44	9.75	-47.69	-36	-11.69	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)	
1820.76	-55.11	18.05	-37.06	-30	-7.06	PASS
2792.02	-49.93	15.75	-34.18	-30	-4.18	PASS
3351.66	-57.57	13.06	-44.51	-30	-14.51	PASS
6067.32	-59.06	12.52	-46.54	-30	-16.54	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)	
41.40	-57.03	3.91	-53.12	-36	-17.12	PASS
90.44	-55.68	6.95	-48.73	-36	-12.73	PASS
214.71	-50.85	9.27	-41.58	-36	-5.58	PASS
787.97	-51.73	9.75	-41.98	-36	-5.98	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)	
1061.68	-53.92	18.05	-35.87	-30	-5.87	PASS
2465.84	-53.52	15.75	-37.77	-30	-7.77	PASS
3369.24	-50.73	13.06	-37.67	-30	-7.67	PASS
5781.71	-57.30	12.52	-44.78	-30	-14.78	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)	
57.15	-69.95	3.91	-66.04	-36	-30.04	PASS
160.26	-77.69	6.95	-70.74	-36	-34.74	PASS
542.74	-70.75	9.27	-61.48	-36	-25.48	PASS
882.44	-60.46	9.75	-50.71	-36	-14.71	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)	
1107.81	-50.93	18.05	-32.88	-30	-2.88	PASS
2298.66	-62.75	15.75	-47.00	-30	-17.00	PASS
3998.78	-68.39	13.06	-55.33	-30	-25.33	PASS
11048.21	-57.45	12.52	-44.93	-30	-14.93	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)	
79.77	-76.38	3.91	-72.47	-36	-36.47	PASS
150.21	-73.90	6.95	-66.95	-36	-30.95	PASS
211.14	-75.14	9.27	-65.87	-36	-29.87	PASS
722.32	-64.71	9.75	-54.96	-36	-18.96	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)	
1595.03	-53.82	18.05	-35.77	-30	-5.77	PASS
2168.99	-63.97	15.75	-48.22	-30	-18.22	PASS
3456.87	-62.28	13.06	-49.22	-30	-19.22	PASS
11487.70	-57.55	12.52	-45.03	-30	-15.03	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)	
87.20	-73.38	3.91	-69.47	-36	-33.47	PASS
182.34	-78.30	6.95	-71.35	-36	-35.35	PASS
383.52	-63.43	9.27	-54.16	-36	-18.16	PASS
750.77	-73.08	9.75	-63.33	-36	-27.33	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)	
1929.13	-49.6	18.05	-31.55	-30	-1.55	PASS
2178.08	-59.91	15.75	-44.16	-30	-14.16	PASS
3624.80	-55.06	13.06	-42.00	-30	-12.00	PASS
4063.67	-58.23	12.52	-45.71	-30	-15.71	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)	
88.03	-61.89	3.91	-57.98	-36	-21.98	PASS
111.89	-59.87	6.95	-52.92	-36	-16.92	PASS
476.83	-73.50	9.27	-64.23	-36	-28.23	PASS
603.44	-61.99	9.75	-52.24	-36	-16.24	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)	
1973.63	-52.24	18.05	-34.19	-30	-4.19	PASS
2008.88	-51.54	15.75	-35.79	-30	-5.79	PASS
3522.36	-58.75	13.06	-45.69	-30	-15.69	PASS
4883.43	-67.38	12.52	-54.86	-30	-24.86	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)	
50.00	-71.12	3.91	-67.21	-36	-31.21	PASS
159.60	-76.93	6.95	-69.98	-36	-33.98	PASS
325.78	-63.93	9.27	-54.66	-36	-18.66	PASS
648.17	-62.13	9.75	-52.38	-36	-16.38	PASS

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1583.87	-53.47	18.05	-35.42	-30	-5.42	PASS
2720.09	-62.88	15.75	-47.13	-30	-17.13	PASS
3180.27	-59.54	13.06	-46.48	-30	-16.48	PASS
11175.78	-66.6	12.52	-54.08	-30	-24.08	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)	
61.40	-79.85	3.91	-75.94	-36	-39.94	PASS
135.09	-69.68	6.95	-62.73	-36	-26.73	PASS
396.55	-79.30	9.27	-70.03	-36	-34.03	PASS
682.57	-75.56	9.75	-65.81	-36	-29.81	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)	
1097.06	-61.02	18.05	-42.97	-30	-12.97	PASS
2193.31	-51.21	15.75	-35.46	-30	-5.46	PASS
3366.72	-64.72	13.06	-51.66	-30	-21.66	PASS
9767.26	-49.04	12.52	-36.52	-30	-6.52	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)	
85.77	-63.77	3.91	-59.86	-36	-23.86	PASS
153.36	-64.53	6.95	-57.58	-36	-21.58	PASS
479.95	-61.55	9.27	-52.28	-36	-16.28	PASS
785.89	-63.28	9.75	-53.53	-36	-17.53	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)	
1286.01	-68.88	18.05	-50.83	-30	-20.83	PASS
2855.62	-57.65	15.75	-41.90	-30	-11.90	PASS
3524.72	-67	13.06	-53.94	-30	-23.94	PASS
10309.85	-49.29	12.52	-36.77	-30	-6.77	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)	
35.45	-70.21	3.91	-66.30	-36	-30.30	PASS
115.65	-79.90	6.95	-72.95	-36	-36.95	PASS
525.48	-69.04	9.27	-59.77	-36	-23.77	PASS
642.50	-73.65	9.75	-63.90	-36	-27.90	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)	
1097.55	-68.54	18.05	-50.49	-30	-20.49	PASS
2871.17	-50.27	15.75	-34.52	-30	-4.52	PASS
3562.34	-61.15	13.06	-48.09	-30	-18.09	PASS
8942.49	-68.54	12.52	-56.02	-30	-26.02	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)	
68.03	-71.47	3.91	-67.56	-36	-31.56	PASS
185.36	-77.23	6.95	-70.28	-36	-34.28	PASS
363.55	-69.70	9.27	-60.43	-36	-24.43	PASS
888.71	-70.22	9.75	-60.47	-36	-24.47	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)	
1324.45	-56.6	18.05	-38.55	-30	-8.55	PASS
2452.64	-56.24	15.75	-40.49	-30	-10.49	PASS
3765.00	-51.47	13.06	-38.41	-30	-8.41	PASS
8137.94	-60.23	12.52	-47.71	-30	-17.71	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)	
69.17	-65.05	3.91	-61.14	-36	-25.14	PASS
106.01	-73.57	6.95	-66.62	-36	-30.62	PASS
349.76	-68.54	9.27	-59.27	-36	-23.27	PASS
872.14	-59.20	9.75	-49.45	-36	-13.45	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)	
1382.58	-59.25	18.05	-41.20	-30	-11.20	PASS
2600.03	-64.45	15.75	-48.70	-30	-18.70	PASS
3611.99	-63.84	13.06	-50.78	-30	-20.78	PASS
9531.02	-66.12	12.52	-53.60	-30	-23.60	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)	
77.80	-64.64	3.91	-60.73	-36	-24.73	PASS
119.02	-62.59	6.95	-55.64	-36	-19.64	PASS
482.72	-78.69	9.27	-69.42	-36	-33.42	PASS
880.33	-69.84	9.75	-60.09	-36	-24.09	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)	
1920.20	-56.98	18.05	-38.93	-30	-8.93	PASS
2952.79	-55.41	15.75	-39.66	-30	-9.66	PASS
3500.26	-64.29	13.06	-51.23	-30	-21.23	PASS
9951.26	-63.39	12.52	-50.87	-30	-20.87	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)	
36.44	-64.72	3.91	-60.81	-36	-24.81	PASS
117.99	-79.82	6.95	-72.87	-36	-36.87	PASS
482.87	-79.49	9.27	-70.22	-36	-34.22	PASS
601.71	-62.90	9.75	-53.15	-36	-17.15	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)	
1775.32	-57.74	18.05	-39.69	-30	-9.69	PASS
2089.52	-59.98	15.75	-44.23	-30	-14.23	PASS
3405.83	-52.73	13.06	-39.67	-30	-9.67	PASS
11297.88	-62.03	12.52	-49.51	-30	-19.51	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)	
49.20	-78.90	3.91	-74.99	-36	-38.99	PASS
195.32	-77.29	6.95	-70.34	-36	-34.34	PASS
421.04	-76.71	9.27	-67.44	-36	-31.44	PASS
797.02	-67.16	9.75	-57.41	-36	-21.41	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)	
1031.58	-64.67	18.05	-46.62	-30	-16.62	PASS
2380.67	-58.64	15.75	-42.89	-30	-12.89	PASS
3864.63	-49.68	13.06	-36.62	-30	-6.62	PASS
6661.45	-50.34	12.52	-37.82	-30	-7.82	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)	
61.36	-63.21	3.91	-59.30	-36	-23.30	PASS
119.69	-73.79	6.95	-66.84	-36	-30.84	PASS
291.82	-79.93	9.27	-70.66	-36	-34.66	PASS
819.70	-71.65	9.75	-61.90	-36	-25.90	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)	
1635.59	-61.21	18.05	-43.16	-30	-13.16	PASS
2504.87	-54.55	15.75	-38.80	-30	-8.80	PASS
3537.12	-61.78	13.06	-48.72	-30	-18.72	PASS
7071.75	-57.21	12.52	-44.69	-30	-14.69	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)	
47.19	-68.73	3.91	-64.82	-36	-28.82	PASS
164.36	-64.35	6.95	-57.40	-36	-21.40	PASS
354.08	-61.55	9.27	-52.28	-36	-16.28	PASS
861.49	-78.70	9.75	-68.95	-36	-32.95	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)	
1105.29	-50.65	18.05	-32.60	-30	-2.60	PASS
2279.97	-67.96	15.75	-52.21	-30	-22.21	PASS
3192.33	-61.79	13.06	-48.73	-30	-18.73	PASS
9369.52	-68.71	12.52	-56.19	-30	-26.19	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)	
83.61	-75.90	3.91	-71.99	-36	-35.99	PASS
155.47	-73.07	6.95	-66.12	-36	-30.12	PASS
372.09	-64.17	9.27	-54.90	-36	-18.90	PASS
629.64	-66.41	9.75	-56.66	-36	-20.66	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1412.27	-52.59	18.05	-34.54	-30	-4.54	PASS
2873.91	-56.27	15.75	-40.52	-30	-10.52	PASS
3797.05	-69.95	13.06	-56.89	-30	-26.89	PASS
6862.22	-59.03	12.52	-46.51	-30	-16.51	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)	
68.62	-69.20	3.91	-65.29	-36	-29.29	PASS
199.92	-68.96	6.95	-62.01	-36	-26.01	PASS
507.08	-74.16	9.27	-64.89	-36	-28.89	PASS
821.00	-61.09	9.75	-51.34	-36	-15.34	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)	
1546.69	-49.12	18.05	-31.07	-30	-1.07	PASS
2373.93	-50.76	15.75	-35.01	-30	-5.01	PASS
3026.47	-57.14	13.06	-44.08	-30	-14.08	PASS
9161.89	-49.21	12.52	-36.69	-30	-6.69	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)	
83.04	-70.37	3.91	-66.46	-36	-30.46	PASS
186.00	-65.22	6.95	-58.27	-36	-22.27	PASS
252.47	-73.63	9.27	-64.36	-36	-28.36	PASS
806.54	-64.17	9.75	-54.42	-36	-18.42	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)	
1041.32	-50.25	18.05	-32.20	-30	-2.20	PASS
2217.97	-50.16	15.75	-34.41	-30	-4.41	PASS
3367.75	-65.15	13.06	-52.09	-30	-22.09	PASS
4795.60	-65.37	12.52	-52.85	-30	-22.85	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)	
34.34	-62.65	3.91	-58.74	-36	-22.74	PASS
94.85	-72.92	6.95	-65.97	-36	-29.97	PASS
386.59	-75.96	9.27	-66.69	-36	-30.69	PASS
681.43	-65.98	9.75	-56.23	-36	-20.23	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)	
1165.25	-51	18.05	-32.95	-30	-2.95	PASS
2660.88	-53.91	15.75	-38.16	-30	-8.16	PASS
3257.70	-50.18	13.06	-37.12	-30	-7.12	PASS
6526.50	-64.38	12.52	-51.86	-30	-21.86	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)	
61.46	-64.36	3.91	-60.45	-36	-24.45	PASS
181.76	-67.40	6.95	-60.45	-36	-24.45	PASS
289.56	-71.85	9.27	-62.58	-36	-26.58	PASS
614.09	-73.41	9.75	-63.66	-36	-27.66	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)	
1998.33	-53.35	18.05	-35.30	-30	-5.30	PASS
2594.56	-64.22	15.75	-48.47	-30	-18.47	PASS
3559.91	-69.81	13.06	-56.75	-30	-26.75	PASS
8461.55	-63.91	12.52	-51.39	-30	-21.39	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)	
86.90	-79.27	3.91	-75.36	-36	-39.36	PASS
167.27	-62.87	6.95	-55.92	-36	-19.92	PASS
575.00	-73.93	9.27	-64.66	-36	-28.66	PASS
828.14	-71.39	9.75	-61.64	-36	-25.64	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)	
1381.26	-54.42	18.05	-36.37	-30	-6.37	PASS
2260.17	-58.06	15.75	-42.31	-30	-12.31	PASS
3186.80	-50.07	13.06	-37.01	-30	-7.01	PASS
10361.51	-66.47	12.52	-53.95	-30	-23.95	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)	
32.78	-75.11	3.91	-71.20	-36	-35.20	PASS
134.06	-65.40	6.95	-58.45	-36	-22.45	PASS
296.31	-77.44	9.27	-68.17	-36	-32.17	PASS
622.73	-65.70	9.75	-55.95	-36	-19.95	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)	
1657.82	-64.34	18.05	-46.29	-30	-16.29	PASS
2508.92	-63.21	15.75	-47.46	-30	-17.46	PASS
3216.26	-54.71	13.06	-41.65	-30	-11.65	PASS
4930.17	-51.92	12.52	-39.40	-30	-9.40	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)	
52.56	-70.64	3.91	-66.73	-36	-30.73	PASS
155.88	-72.83	6.95	-65.88	-36	-29.88	PASS
442.23	-62.25	9.27	-52.98	-36	-16.98	PASS
774.54	-77.61	9.75	-67.86	-36	-31.86	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)	
1350.40	-61.88	18.05	-43.83	-30	-13.83	PASS
2364.69	-67.34	15.75	-51.59	-30	-21.59	PASS
3967.91	-52.46	13.06	-39.40	-30	-9.40	PASS
11164.19	-49.95	12.52	-37.43	-30	-7.43	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)	
84.51	-62.16	3.91	-58.25	-36	-22.25	PASS
166.88	-62.75	6.95	-55.80	-36	-19.80	PASS
586.66	-77.25	9.27	-67.98	-36	-31.98	PASS
695.39	-73.11	9.75	-63.36	-36	-27.36	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)	
1526.91	-51.39	18.05	-33.34	-30	-3.34	PASS
2853.24	-55.68	15.75	-39.93	-30	-9.93	PASS
3539.47	-66.79	13.06	-53.73	-30	-23.73	PASS
7778.46	-69.64	12.52	-57.12	-30	-27.12	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)	
62.49	-64.55	3.91	-60.64	-36	-24.64	PASS
99.30	-75.55	6.95	-68.60	-36	-32.60	PASS
480.34	-60.83	9.27	-51.56	-36	-15.56	PASS
660.12	-68.45	9.75	-58.70	-36	-22.70	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)	
1530.37	-58.65	18.05	-40.60	-30	-10.60	PASS
2059.45	-56.37	15.75	-40.62	-30	-10.62	PASS
3747.21	-55.9	13.06	-42.84	-30	-12.84	PASS
5961.47	-65.19	12.52	-52.67	-30	-22.67	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)	
60.57	-71.91	3.91	-68.00	-36	-32.00	PASS
132.62	-70.65	6.95	-63.70	-36	-27.70	PASS
519.00	-68.23	9.27	-58.96	-36	-22.96	PASS
795.20	-73.26	9.75	-63.51	-36	-27.51	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)	
1710.77	-51.91	18.05	-33.86	-30	-3.86	PASS
2173.74	-64.38	15.75	-48.63	-30	-18.63	PASS
3629.84	-50.15	13.06	-37.09	-30	-7.09	PASS
10893.59	-66.68	12.52	-54.16	-30	-24.16	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)	
72.40	-77.30	3.91	-73.39	-36	-37.39	PASS
162.08	-59.02	6.95	-52.07	-36	-16.07	PASS
348.97	-61.10	9.27	-51.83	-36	-15.83	PASS
830.33	-73.39	9.75	-63.64	-36	-27.64	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)	
1750.28	-68.67	18.05	-50.62	-30	-20.62	PASS
2315.13	-59.31	15.75	-43.56	-30	-13.56	PASS
3687.67	-65.12	13.06	-52.06	-30	-22.06	PASS
6666.50	-56.82	12.52	-44.30	-30	-14.30	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)	
31.78	-65.75	3.91	-61.84	-36	-25.84	PASS
150.51	-62.05	6.95	-55.10	-36	-19.10	PASS
311.08	-77.14	9.27	-67.87	-36	-31.87	PASS
614.84	-60.94	9.75	-51.19	-36	-15.19	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)	
1616.88	-67.76	18.05	-49.71	-30	-19.71	PASS
2389.59	-65.02	15.75	-49.27	-30	-19.27	PASS
3148.10	-61.85	13.06	-48.79	-30	-18.79	PASS
10624.66	-67.04	12.52	-54.52	-30	-24.52	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)	
30.18	-75.75	3.91	-71.84	-36	-35.84	PASS
92.04	-60.42	6.95	-53.47	-36	-17.47	PASS
309.12	-69.78	9.27	-60.51	-36	-24.51	PASS
609.77	-72.76	9.75	-63.01	-36	-27.01	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)	
1217.30	-68.3	18.05	-50.25	-30	-20.25	PASS
2926.63	-68.89	15.75	-53.14	-30	-23.14	PASS
3207.16	-54.53	13.06	-41.47	-30	-11.47	PASS
5020.01	-66.77	12.52	-54.25	-30	-24.25	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)	
51.09	-76.81	3.91	-72.90	-36	-36.90	PASS
181.70	-60.48	6.95	-53.53	-36	-17.53	PASS
319.32	-68.18	9.27	-58.91	-36	-22.91	PASS
677.04	-64.62	9.75	-54.87	-36	-18.87	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)	
1410.10	-50.18	18.05	-32.13	-30	-2.13	PASS
2883.79	-63.81	15.75	-48.06	-30	-18.06	PASS
3775.45	-59.33	13.06	-46.27	-30	-16.27	PASS
10228.73	-63.3	12.52	-50.78	-30	-20.78	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)	
54.43	-74.55	3.91	-70.64	-36	-34.64	PASS
105.40	-62.80	6.95	-55.85	-36	-19.85	PASS
564.05	-66.15	9.27	-56.88	-36	-20.88	PASS
794.58	-79.98	9.75	-70.23	-36	-34.23	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)	
1403.42	-63.32	18.05	-45.27	-30	-15.27	PASS
2310.60	-56.09	15.75	-40.34	-30	-10.34	PASS
3448.63	-51	13.06	-37.94	-30	-7.94	PASS
9256.63	-67.13	12.52	-54.61	-30	-24.61	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)	
58.43	-77.10	3.91	-73.19	-36	-37.19	PASS
145.82	-76.74	6.95	-69.79	-36	-33.79	PASS
384.51	-65.89	9.27	-56.62	-36	-20.62	PASS
667.66	-65.83	9.75	-56.08	-36	-20.08	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)	
1702.26	-66.1	18.05	-48.05	-30	-18.05	PASS
2693.94	-54.55	15.75	-38.80	-30	-8.80	PASS
3208.26	-56.71	13.06	-43.65	-30	-13.65	PASS
8470.27	-65.53	12.52	-53.01	-30	-23.01	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)	
63.83	-63.40	3.91	-59.49	-36	-23.49	PASS
110.48	-68.65	6.95	-61.70	-36	-25.70	PASS
330.04	-62.75	9.27	-53.48	-36	-17.48	PASS
606.93	-64.23	9.75	-54.48	-36	-18.48	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)	
1336.35	-49.38	18.05	-31.33	-30	-1.33	PASS
2259.43	-63.65	15.75	-47.90	-30	-17.90	PASS
3826.55	-51.19	13.06	-38.13	-30	-8.13	PASS
7164.54	-58.18	12.52	-45.66	-30	-15.66	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)	
90.60	-71.77	3.91	-67.86	-36	-31.86	PASS
156.16	-79.21	6.95	-72.26	-36	-36.26	PASS
561.53	-68.82	9.27	-59.55	-36	-23.55	PASS
846.08	-63.62	9.75	-53.87	-36	-17.87	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)	
1143.63	-57.22	18.05	-39.17	-30	-9.17	PASS
2680.11	-52.68	15.75	-36.93	-30	-6.93	PASS
3757.93	-57.19	13.06	-44.13	-30	-14.13	PASS
7060.39	-56.89	12.52	-44.37	-30	-14.37	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)	
89.86	-78.49	3.91	-74.58	-36	-38.58	PASS
127.41	-74.16	6.95	-67.21	-36	-31.21	PASS
428.02	-72.06	9.27	-62.79	-36	-26.79	PASS
710.56	-63.81	9.75	-54.06	-36	-18.06	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)	
1855.73	-50.12	18.05	-32.07	-30	-2.07	PASS
2281.27	-57.61	15.75	-41.86	-30	-11.86	PASS
3766.05	-65.92	13.06	-52.86	-30	-22.86	PASS
5833.65	-60.47	12.52	-47.95	-30	-17.95	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)	
33.62	-70.62	3.91	-66.71	-36	-30.71	PASS
190.38	-75.94	6.95	-68.99	-36	-32.99	PASS
510.49	-73.83	9.27	-64.56	-36	-28.56	PASS
899.80	-66.56	9.75	-56.81	-36	-20.81	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)	
1225.90	-55.88	18.05	-37.83	-30	-7.83	PASS
2676.69	-68.18	15.75	-52.43	-30	-22.43	PASS
3032.84	-49.21	13.06	-36.15	-30	-6.15	PASS
7722.77	-62.48	12.52	-49.96	-30	-19.96	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)	
63.53	-69.93	3.91	-66.02	-36	-30.02	PASS
118.01	-69.93	6.95	-62.98	-36	-26.98	PASS
382.49	-61.32	9.27	-52.05	-36	-16.05	PASS
640.43	-75.14	9.75	-65.39	-36	-29.39	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)	
1563.67	-57.72	18.05	-39.67	-30	-9.67	PASS
2885.11	-65.61	15.75	-49.86	-30	-19.86	PASS
3476.89	-68.61	13.06	-55.55	-30	-25.55	PASS
7771.31	-62.73	12.52	-50.21	-30	-20.21	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)	
87.61	-78.17	3.91	-74.26	-36	-38.26	PASS
137.99	-62.17	6.95	-55.22	-36	-19.22	PASS
326.39	-78.46	9.27	-69.19	-36	-33.19	PASS
629.85	-61.54	9.75	-51.79	-36	-15.79	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)	
1432.68	-64.84	18.05	-46.79	-30	-16.79	PASS
2749.55	-62.34	15.75	-46.59	-30	-16.59	PASS
3567.66	-66.56	13.06	-53.50	-30	-23.50	PASS
10705.34	-69.34	12.52	-56.82	-30	-26.82	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)	
63.53	-63.00	3.91	-59.09	-36	-23.09	PASS
145.29	-70.43	6.95	-63.48	-36	-27.48	PASS
287.91	-74.89	9.27	-65.62	-36	-29.62	PASS
885.37	-63.33	9.75	-53.58	-36	-17.58	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)	
1560.56	-53.8	18.05	-35.75	-30	-5.75	PASS
2993.19	-60.04	15.75	-44.29	-30	-14.29	PASS
3603.62	-53.87	13.06	-40.81	-30	-10.81	PASS
10788.60	-70	12.52	-57.48	-30	-27.48	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)	
69.55	-69.76	3.91	-65.85	-36	-29.85	PASS
193.06	-61.83	6.95	-54.88	-36	-18.88	PASS
277.38	-60.35	9.27	-51.08	-36	-15.08	PASS
682.16	-66.11	9.75	-56.36	-36	-20.36	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)	
1238.47	-64.07	18.05	-46.02	-30	-16.02	PASS
2780.79	-61.62	15.75	-45.87	-30	-15.87	PASS
3228.09	-49.53	13.06	-36.47	-30	-6.47	PASS
8007.81	-51.53	12.52	-39.01	-30	-9.01	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)	
76.84	-76.40	3.91	-72.49	-36	-36.49	PASS
189.78	-65.74	6.95	-58.79	-36	-22.79	PASS
429.32	-71.39	9.27	-62.12	-36	-26.12	PASS
862.32	-75.33	9.75	-65.58	-36	-29.58	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)	
1330.94	-55.08	18.05	-37.03	-30	-7.03	PASS
2908.83	-52.32	15.75	-36.57	-30	-6.57	PASS
3943.32	-55.51	13.06	-42.45	-30	-12.45	PASS
10434.24	-64.28	12.52	-51.76	-30	-21.76	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)	
57.26	-79.26	3.91	-75.35	-36	-39.35	PASS
123.25	-66.93	6.95	-59.98	-36	-23.98	PASS
216.99	-76.11	9.27	-66.84	-36	-30.84	PASS
861.55	-77.54	9.75	-67.79	-36	-31.79	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)	
1167.45	-62.22	18.05	-44.17	-30	-14.17	PASS
2204.88	-59.57	15.75	-43.82	-30	-13.82	PASS
3730.40	-53.85	13.06	-40.79	-30	-10.79	PASS
6026.68	-49.59	12.52	-37.07	-30	-7.07	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	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
72.28	H	-78.31	8.07	-70.24	-57	-13.24	PASS
90.21	H	-89.36	7.62	-81.74	-57	-24.74	PASS
319.56	H	-77.81	5.62	-72.19	-57	-15.19	PASS
615.11	H	-76.85	8.80	-68.05	-57	-11.05	PASS
80.05	V	-88.78	2.77	-86.01	-57	-29.01	PASS
133.69	V	-87.35	7.04	-80.31	-57	-23.31	PASS
474.16	V	-88.94	5.42	-83.52	-57	-26.52	PASS
690.33	V	-78.58	4.44	-74.14	-57	-17.14	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	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1100.61	V	-77.43	8.92	-68.51	-47	-21.51	PASS
2614.58	V	-65.21	14.79	-50.42	-47	-3.42	PASS
3415.81	V	-78.20	11.97	-66.23	-47	-19.23	PASS
5650.79	V	-74.62	14.58	-60.04	-47	-13.04	PASS
1377.92	H	-67.87	11.13	-56.74	-47	-9.74	PASS
2481.54	H	-72.42	8.20	-64.22	-47	-17.22	PASS
3115.35	H	-75.43	11.93	-63.50	-47	-16.50	PASS
11356.03	H	-77.57	14.12	-63.45	-47	-16.45	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	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
76.07	H	-69.44	8.07	-61.37	-57	-4.37	PASS
109.56	H	-71.69	7.62	-64.07	-57	-7.07	PASS
208.96	H	-69.33	5.62	-63.71	-57	-6.71	PASS
689.84	H	-87.76	8.80	-78.96	-57	-21.96	PASS
86.96	V	-76.56	2.77	-73.79	-57	-16.79	PASS
184.98	V	-73.95	7.04	-66.91	-57	-9.91	PASS
585.94	V	-74.23	5.42	-68.81	-57	-11.81	PASS
776.90	V	-88.17	4.44	-83.73	-57	-26.73	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	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1848.01	V	-72.95	8.92	-64.03	-47	-17.03	PASS
2618.90	V	-66.21	14.79	-51.42	-47	-4.42	PASS
3538.01	V	-66.05	11.97	-54.08	-47	-7.08	PASS
7242.68	V	-68.58	14.58	-54.00	-47	-7.00	PASS
1490.50	H	-73.27	11.13	-62.14	-47	-15.14	PASS
2465.16	H	-66.66	8.20	-58.46	-47	-11.46	PASS
3919.11	H	-71.93	11.93	-60.00	-47	-13.00	PASS
8499.95	H	-78.89	14.12	-64.77	-47	-17.77	PASS

Remark:

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

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

Frequency (MHz)	Polarity H/V	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
55.61	H	-84.63	8.07	-76.56	-57	-19.56	PASS
185.22	H	-76.81	7.62	-69.19	-57	-12.19	PASS
336.22	H	-77.14	5.62	-71.52	-57	-14.52	PASS
691.00	H	-86.93	8.80	-78.13	-57	-21.13	PASS
48.95	V	-75.12	2.77	-72.35	-57	-15.35	PASS
128.95	V	-81.00	7.04	-73.96	-57	-16.96	PASS
420.41	V	-78.61	5.42	-73.19	-57	-16.19	PASS
729.78	V	-76.47	4.44	-72.03	-57	-15.03	PASS

Remark:

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

Band 1 CH H 20M QPSK 1-12.75G

Frequency (MHz)	Polarity H/V	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1539.53	V	-64.01	8.92	-55.09	-47	-8.09	PASS
2497.48	V	-64.94	14.79	-50.15	-47	-3.15	PASS
3845.67	V	-72.59	11.97	-60.62	-47	-13.62	PASS
8399.78	V	-76.04	14.58	-61.46	-47	-14.46	PASS
1162.51	H	-76.11	11.13	-64.98	-47	-17.98	PASS
2249.39	H	-74.74	8.20	-66.54	-47	-19.54	PASS
3974.77	H	-70.39	11.93	-58.46	-47	-11.46	PASS
11028.46	H	-76.75	14.12	-62.63	-47	-15.63	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 (MHz)	Polarity H/V	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
30.97	H	-73.56	8.07	-65.49	-57	-8.49	PASS
155.44	H	-74.18	7.62	-66.56	-57	-9.56	PASS
433.87	H	-84.63	5.62	-79.01	-57	-22.01	PASS
835.90	H	-69.54	8.80	-60.74	-57	-3.74	PASS
31.83	V	-78.56	2.77	-75.79	-57	-18.79	PASS
100.74	V	-76.44	7.04	-69.40	-57	-12.40	PASS
377.62	V	-87.54	5.42	-82.12	-57	-25.12	PASS
660.30	V	-76.39	4.44	-71.95	-57	-14.95	PASS

Remark:

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

Band 3 CH L 20M QPSK 1-12.75G

Frequency (MHz)	Polarity H/V	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1773.84	V	-66.45	8.92	-57.53	-47	-10.53	PASS
2104.75	V	-74.63	14.79	-59.84	-47	-12.84	PASS
3908.86	V	-66.70	11.97	-54.73	-47	-7.73	PASS
4893.19	V	-78.15	14.58	-63.57	-47	-16.57	PASS
1426.36	H	-70.41	11.13	-59.28	-47	-12.28	PASS
2894.16	H	-73.33	8.20	-65.13	-47	-18.13	PASS
3892.00	H	-69.88	11.93	-57.95	-47	-10.95	PASS
4585.69	H	-77.98	14.12	-63.86	-47	-16.86	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	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
65.63	H	-87.62	8.07	-79.55	-57	-22.55	PASS
143.99	H	-77.32	7.62	-69.70	-57	-12.70	PASS
212.89	H	-69.07	5.62	-63.45	-57	-6.45	PASS
839.51	H	-71.00	8.80	-62.20	-57	-5.20	PASS
69.24	V	-78.43	2.77	-75.66	-57	-18.66	PASS
128.49	V	-81.71	7.04	-74.67	-57	-17.67	PASS
223.87	V	-89.25	5.42	-83.83	-57	-26.83	PASS
649.90	V	-86.47	4.44	-82.03	-57	-25.03	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	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1463.40	V	-64.43	8.92	-55.51	-47	-8.51	PASS
2533.76	V	-69.01	14.79	-54.22	-47	-7.22	PASS
3075.19	V	-74.43	11.97	-62.46	-47	-15.46	PASS
11548.31	V	-67.48	14.58	-52.90	-47	-5.90	PASS
1498.53	H	-70.96	11.13	-59.83	-47	-12.83	PASS
2416.06	H	-69.77	8.20	-61.57	-47	-14.57	PASS
3969.90	H	-76.48	11.93	-64.55	-47	-17.55	PASS
10744.50	H	-75.33	14.12	-61.21	-47	-14.21	PASS

Remark:

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



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

Frequency (MHz)	Polarity H/V	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
56.01	H	-83.99	8.07	-75.92	-57	-18.92	PASS
147.96	H	-85.45	7.62	-77.83	-57	-20.83	PASS
307.02	H	-83.44	5.62	-77.82	-57	-20.82	PASS
889.97	H	-87.86	8.80	-79.06	-57	-22.06	PASS
85.68	V	-72.41	2.77	-69.64	-57	-12.64	PASS
98.81	V	-85.89	7.04	-78.85	-57	-21.85	PASS
598.54	V	-83.35	5.42	-77.93	-57	-20.93	PASS
623.74	V	-78.22	4.44	-73.78	-57	-16.78	PASS

Remark:

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

Band 3 CH H 20M QPSK 1-12.75G

Frequency (MHz)	Polarity H/V	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1439.84	V	-77.41	8.92	-68.49	-47	-21.49	PASS
2213.78	V	-65.24	14.79	-50.45	-47	-3.45	PASS
3241.53	V	-69.16	11.97	-57.19	-47	-10.19	PASS
5498.03	V	-66.92	14.58	-52.34	-47	-5.34	PASS
1907.56	H	-68.98	11.13	-57.85	-47	-10.85	PASS
2672.83	H	-73.39	8.20	-65.19	-47	-18.19	PASS
3025.16	H	-75.84	11.93	-63.91	-47	-16.91	PASS
11711.81	H	-78.04	14.12	-63.92	-47	-16.92	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 (MHz)	Polarity H/V	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
79.48	H	-73.42	8.07	-65.35	-57	-8.35	PASS
163.31	H	-69.76	7.62	-62.14	-57	-5.14	PASS
570.06	H	-78.87	5.62	-73.25	-57	-16.25	PASS
685.59	H	-70.60	8.80	-61.80	-57	-4.80	PASS
45.19	V	-76.89	2.77	-74.12	-57	-17.12	PASS
129.20	V	-73.92	7.04	-66.88	-57	-9.88	PASS
294.62	V	-73.31	5.42	-67.89	-57	-10.89	PASS
824.16	V	-69.57	4.44	-65.13	-57	-8.13	PASS

Remark:

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

Band 7 CH L 20M QPSK 1-12.75G

Frequency (MHz)	Polarity H/V	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1952.96	V	-67.22	8.92	-58.30	-47	-11.30	PASS
2728.30	V	-68.37	14.79	-53.58	-47	-6.58	PASS
3365.34	V	-67.47	11.97	-55.50	-47	-8.50	PASS
9314.04	V	-66.65	14.58	-52.07	-47	-5.07	PASS
1233.90	H	-66.70	11.13	-55.57	-47	-8.57	PASS
2048.16	H	-69.75	8.20	-61.55	-47	-14.55	PASS
3246.68	H	-67.51	11.93	-55.58	-47	-8.58	PASS
9405.93	H	-65.06	14.12	-50.94	-47	-3.94	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	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
62.80	H	-76.84	8.07	-68.77	-57	-11.77	PASS
168.82	H	-70.40	7.62	-62.78	-57	-5.78	PASS
599.38	H	-73.61	5.62	-67.99	-57	-10.99	PASS
614.43	H	-71.82	8.80	-63.02	-57	-6.02	PASS
71.55	V	-78.03	2.77	-75.26	-57	-18.26	PASS
155.76	V	-78.83	7.04	-71.79	-57	-14.79	PASS
254.69	V	-72.80	5.42	-67.38	-57	-10.38	PASS
898.15	V	-71.22	4.44	-66.78	-57	-9.78	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	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1390.31	V	-69.96	8.92	-61.04	-47	-14.04	PASS
2296.98	V	-64.32	14.79	-49.53	-47	-2.53	PASS
3746.91	V	-67.05	11.97	-55.08	-47	-8.08	PASS
9751.74	V	-65.04	14.58	-50.46	-47	-3.46	PASS
1742.14	H	-64.21	11.13	-53.08	-47	-6.08	PASS
2601.48	H	-66.83	8.20	-58.63	-47	-11.63	PASS
3545.58	H	-68.36	11.93	-56.43	-47	-9.43	PASS
7588.70	H	-68.16	14.12	-54.04	-47	-7.04	PASS

Remark:

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

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

Frequency (MHz)	Polarity H/V	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
41.72	H	-69.40	8.07	-61.33	-57	-4.33	PASS
90.02	H	-74.47	7.62	-66.85	-57	-9.85	PASS
246.36	H	-75.07	5.62	-69.45	-57	-12.45	PASS
805.23	H	-71.57	8.80	-62.77	-57	-5.77	PASS
87.65	V	-70.46	2.77	-67.69	-57	-10.69	PASS
102.74	V	-69.22	7.04	-62.18	-57	-5.18	PASS
373.14	V	-78.86	5.42	-73.44	-57	-16.44	PASS
618.25	V	-74.00	4.44	-69.56	-57	-12.56	PASS

Remark:

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

Band 7 CH H 20M QPSK 1-12.75G

Frequency (MHz)	Polarity H/V	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1129.41	V	-69.11	8.92	-60.19	-47	-13.19	PASS
2522.89	V	-65.01	14.79	-50.22	-47	-3.22	PASS
3841.54	V	-64.29	11.97	-52.32	-47	-5.32	PASS
8787.62	V	-66.84	14.58	-52.26	-47	-5.26	PASS
1309.34	H	-68.52	11.13	-57.39	-47	-10.39	PASS
2104.55	H	-68.54	8.20	-60.34	-47	-13.34	PASS
3866.44	H	-68.56	11.93	-56.63	-47	-9.63	PASS
6269.44	H	-65.79	14.12	-51.67	-47	-4.67	PASS

Remark:

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

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

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

Frequency (MHz)	Polarity H/V	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
34.56	H	-83.61	8.07	-75.54	-57	-18.54	PASS
124.04	H	-79.34	7.62	-71.72	-57	-14.72	PASS
448.72	H	-81.49	5.62	-75.87	-57	-18.87	PASS
860.59	H	-86.47	8.80	-77.67	-57	-20.67	PASS
56.58	V	-88.90	2.77	-86.13	-57	-29.13	PASS
172.64	V	-89.82	7.04	-82.78	-57	-25.78	PASS
401.52	V	-88.07	5.42	-82.65	-57	-25.65	PASS
780.90	V	-72.30	4.44	-67.86	-57	-10.86	PASS

Remark:

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

Band 8 CH L 20M QPSK 1-12.75G

Frequency (MHz)	Polarity H/V	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1363.33	V	-64.77	8.92	-55.85	-47	-8.85	PASS
2788.50	V	-64.57	14.79	-49.78	-47	-2.78	PASS
3360.86	V	-75.48	11.97	-63.51	-47	-16.51	PASS
8973.40	V	-75.91	14.58	-61.33	-47	-14.33	PASS
1847.68	H	-71.27	11.13	-60.14	-47	-13.14	PASS
2275.60	H	-71.06	8.20	-62.86	-47	-15.86	PASS
3858.35	H	-76.02	11.93	-64.09	-47	-17.09	PASS
11994.83	H	-79.57	14.12	-65.45	-47	-18.45	PASS

Remark:

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

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

Frequency (MHz)	Polarity H/V	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
56.98	H	-88.38	8.07	-80.31	-57	-23.31	PASS
195.08	H	-84.08	7.62	-76.46	-57	-19.46	PASS
294.18	H	-87.13	5.62	-81.51	-57	-24.51	PASS
610.31	H	-85.36	8.80	-76.56	-57	-19.56	PASS
90.82	V	-89.74	2.77	-86.97	-57	-29.97	PASS
178.56	V	-74.62	7.04	-67.58	-57	-10.58	PASS
220.26	V	-77.06	5.42	-71.64	-57	-14.64	PASS
748.38	V	-88.45	4.44	-84.01	-57	-27.01	PASS

Remark:

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

Band 8 CH M 20M QPSK 1-12.75G

Frequency (MHz)	Polarity H/V	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1441.02	V	-68.35	8.92	-59.43	-47	-12.43	PASS
2518.08	V	-65.88	14.79	-51.09	-47	-4.09	PASS
3213.89	V	-65.95	11.97	-53.98	-47	-6.98	PASS
10644.83	V	-69.53	14.58	-54.95	-47	-7.95	PASS
1568.70	H	-64.70	11.13	-53.57	-47	-6.57	PASS
2326.51	H	-68.68	8.20	-60.48	-47	-13.48	PASS
3421.00	H	-64.68	11.93	-52.75	-47	-5.75	PASS
5016.76	H	-74.60	14.12	-60.48	-47	-13.48	PASS

Remark:

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



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

Frequency (MHz)	Polarity H/V	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
48.54	H	-82.62	8.07	-74.55	-57	-17.55	PASS
200.43	H	-69.39	7.62	-61.77	-57	-4.77	PASS
357.96	H	-79.16	5.62	-73.54	-57	-16.54	PASS
657.56	H	-70.36	8.80	-61.56	-57	-4.56	PASS
69.91	V	-71.29	2.77	-68.52	-57	-11.52	PASS
108.74	V	-73.91	7.04	-66.87	-57	-9.87	PASS
422.58	V	-83.65	5.42	-78.23	-57	-21.23	PASS
784.46	V	-72.91	4.44	-68.47	-57	-11.47	PASS

Remark:

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

Band 8 CH H 20M QPSK 1-12.75G

Frequency (MHz)	Polarity H/V	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1791.64	V	-75.71	8.92	-66.79	-47	-19.79	PASS
2441.97	V	-76.48	14.79	-61.69	-47	-14.69	PASS
3339.76	V	-70.05	11.97	-58.08	-47	-11.08	PASS
4572.35	V	-64.08	14.58	-49.50	-47	-2.50	PASS
1113.51	H	-79.89	11.13	-68.76	-47	-21.76	PASS
2448.93	H	-72.65	8.20	-64.45	-47	-17.45	PASS
3106.35	H	-67.96	11.93	-56.03	-47	-9.03	PASS
10066.50	H	-70.74	14.12	-56.62	-47	-9.62	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	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
54.33	H	-77.01	8.07	-68.94	-57	-11.94	PASS
93.39	H	-85.44	7.62	-77.82	-57	-20.82	PASS
480.30	H	-78.17	5.62	-72.55	-57	-15.55	PASS
733.43	H	-77.17	8.80	-68.37	-57	-11.37	PASS
52.05	V	-77.32	2.77	-74.55	-57	-17.55	PASS
134.39	V	-69.19	7.04	-62.15	-57	-5.15	PASS
511.91	V	-84.41	5.42	-78.99	-57	-21.99	PASS
680.80	V	-70.32	4.44	-65.88	-57	-8.88	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	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1903.15	V	-78.15	8.92	-69.23	-47	-22.23	PASS
2123.62	V	-66.98	14.79	-52.19	-47	-5.19	PASS
3067.32	V	-64.26	11.97	-52.29	-47	-5.29	PASS
8845.08	V	-68.18	14.58	-53.60	-47	-6.60	PASS
1146.36	H	-76.93	11.13	-65.80	-47	-18.80	PASS
2501.46	H	-66.10	8.20	-57.90	-47	-10.90	PASS
3483.50	H	-73.73	11.93	-61.80	-47	-14.80	PASS
9895.79	H	-71.49	14.12	-57.37	-47	-10.37	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	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
57.26	H	-81.76	8.07	-73.69	-57	-16.69	PASS
197.23	H	-84.78	7.62	-77.16	-57	-20.16	PASS
242.94	H	-87.50	5.62	-81.88	-57	-24.88	PASS
877.06	H	-75.83	8.80	-67.03	-57	-10.03	PASS
46.24	V	-76.90	2.77	-74.13	-57	-17.13	PASS
183.89	V	-88.53	7.04	-81.49	-57	-24.49	PASS
454.85	V	-79.96	5.42	-74.54	-57	-17.54	PASS
841.04	V	-83.92	4.44	-79.48	-57	-22.48	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	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1174.01	V	-66.51	8.92	-57.59	-47	-10.59	PASS
2814.28	V	-72.66	14.79	-57.87	-47	-10.87	PASS
3946.73	V	-73.34	11.97	-61.37	-47	-14.37	PASS
6140.82	V	-75.62	14.58	-61.04	-47	-14.04	PASS
1971.74	H	-71.71	11.13	-60.58	-47	-13.58	PASS
2983.51	H	-70.87	8.20	-62.67	-47	-15.67	PASS
3864.83	H	-70.27	11.93	-58.34	-47	-11.34	PASS
9112.71	H	-67.05	14.12	-52.93	-47	-5.93	PASS

Remark:

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

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

Frequency (MHz)	Polarity H/V	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
85.88	H	-89.81	8.07	-81.74	-57	-24.74	PASS
162.29	H	-83.08	7.62	-75.46	-57	-18.46	PASS
594.21	H	-84.14	5.62	-78.52	-57	-21.52	PASS
674.04	H	-84.96	8.80	-76.16	-57	-19.16	PASS
77.86	V	-84.75	2.77	-81.98	-57	-24.98	PASS
188.41	V	-80.75	7.04	-73.71	-57	-16.71	PASS
478.05	V	-72.18	5.42	-66.76	-57	-9.76	PASS
860.07	V	-71.90	4.44	-67.46	-57	-10.46	PASS

Remark:

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

Band 20 CH H 20M QPSK 1-12.75G

Frequency (MHz)	Polarity H/V	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1108.43	V	-67.69	8.92	-58.77	-47	-11.77	PASS
2554.58	V	-69.35	14.79	-54.56	-47	-7.56	PASS
3486.78	V	-64.26	11.97	-52.29	-47	-5.29	PASS
9782.92	V	-77.87	14.58	-63.29	-47	-16.29	PASS
1908.51	H	-71.05	11.13	-59.92	-47	-12.92	PASS
2083.79	H	-65.19	8.20	-56.99	-47	-9.99	PASS
3315.24	H	-78.48	11.93	-66.55	-47	-19.55	PASS
10220.79	H	-67.06	14.12	-52.94	-47	-5.94	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	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
40.43	H	-72.26	8.07	-64.19	-57	-7.19	PASS
148.97	H	-77.75	7.62	-70.13	-57	-13.13	PASS
575.78	H	-81.51	5.62	-75.89	-57	-18.89	PASS
642.50	H	-76.46	8.80	-67.66	-57	-10.66	PASS
67.25	V	-86.00	2.77	-83.23	-57	-26.23	PASS
130.96	V	-72.33	7.04	-65.29	-57	-8.29	PASS
207.50	V	-72.20	5.42	-66.78	-57	-9.78	PASS
819.65	V	-70.87	4.44	-66.43	-57	-9.43	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	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1190.53	V	-76.52	8.92	-67.60	-47	-20.60	PASS
2410.93	V	-76.31	14.79	-61.52	-47	-14.52	PASS
3201.76	V	-71.34	11.97	-59.37	-47	-12.37	PASS
9165.56	V	-78.72	14.58	-64.14	-47	-17.14	PASS
1534.28	H	-67.71	11.13	-56.58	-47	-9.58	PASS
2270.72	H	-77.95	8.20	-69.75	-47	-22.75	PASS
3115.87	H	-73.63	11.93	-61.70	-47	-14.70	PASS
11829.47	H	-70.80	14.12	-56.68	-47	-9.68	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	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
51.82	H	-88.31	8.07	-80.24	-57	-23.24	PASS
183.47	H	-84.18	7.62	-76.56	-57	-19.56	PASS
524.93	H	-85.43	5.62	-79.81	-57	-22.81	PASS
874.36	H	-71.47	8.80	-62.67	-57	-5.67	PASS
73.50	V	-72.52	2.77	-69.75	-57	-12.75	PASS
138.06	V	-81.67	7.04	-74.63	-57	-17.63	PASS
389.04	V	-72.94	5.42	-67.52	-57	-10.52	PASS
646.41	V	-75.22	4.44	-70.78	-57	-13.78	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	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1669.42	V	-74.60	8.92	-65.68	-47	-18.68	PASS
2037.66	V	-71.55	14.79	-56.76	-47	-9.76	PASS
3417.39	V	-67.72	11.97	-55.75	-47	-8.75	PASS
9495.07	V	-67.37	14.58	-52.79	-47	-5.79	PASS
1055.77	H	-77.64	11.13	-66.51	-47	-19.51	PASS
2539.97	H	-66.37	8.20	-58.17	-47	-11.17	PASS
3767.86	H	-67.18	11.93	-55.25	-47	-8.25	PASS
9172.84	H	-71.40	14.12	-57.28	-47	-10.28	PASS

Remark:

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

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

Frequency (MHz)	Polarity H/V	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
40.75	H	-70.99	8.07	-62.92	-57	-5.92	PASS
115.20	H	-84.67	7.62	-77.05	-57	-20.05	PASS
484.97	H	-75.10	5.62	-69.48	-57	-12.48	PASS
867.86	H	-86.64	8.80	-77.84	-57	-20.84	PASS
54.37	V	-88.77	2.77	-86.00	-57	-29.00	PASS
123.29	V	-73.91	7.04	-66.87	-57	-9.87	PASS
461.58	V	-86.46	5.42	-81.04	-57	-24.04	PASS
700.87	V	-75.64	4.44	-71.20	-57	-14.20	PASS

Remark:

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

Band 40 CH H 20M QPSK 1-12.75G

Frequency (MHz)	Polarity H/V	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1865.43	V	-68.47	8.92	-59.55	-47	-12.55	PASS
2240.08	V	-68.27	14.79	-53.48	-47	-6.48	PASS
3968.97	V	-66.21	11.97	-54.24	-47	-7.24	PASS
5320.71	V	-65.36	14.58	-50.78	-47	-3.78	PASS
1952.32	H	-69.59	11.13	-58.46	-47	-11.46	PASS
2965.40	H	-68.35	8.20	-60.15	-47	-13.15	PASS
3338.25	H	-67.20	11.93	-55.27	-47	-8.27	PASS
6418.20	H	-76.92	14.12	-62.80	-47	-15.80	PASS

Remark:

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

Note: The test band 40 for 5M and 20M have tested, the worst case is 20M, and the data have record.



**D.2. CONTROL AND MONITORING FUNCTIONS (UE)**

**Definition & Limits**

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

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

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

**Limits:**

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

**Test method**

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

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

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

**Test Data**

Test Condition	Monitoring band	Max Measured Power(dBm)	Limit(dBm)	Result
Normal	The whole band range	-44.43	-30	Pass



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

#### Definition

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

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

#### Limits

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

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

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

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

#### Test Procedure

Initial conditions

Test environment: normal (see annex B).

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

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

**Table 5.3.10.1.1-1: System Information Block type 1 message**

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

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

Test Data

Environmental Conditions

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

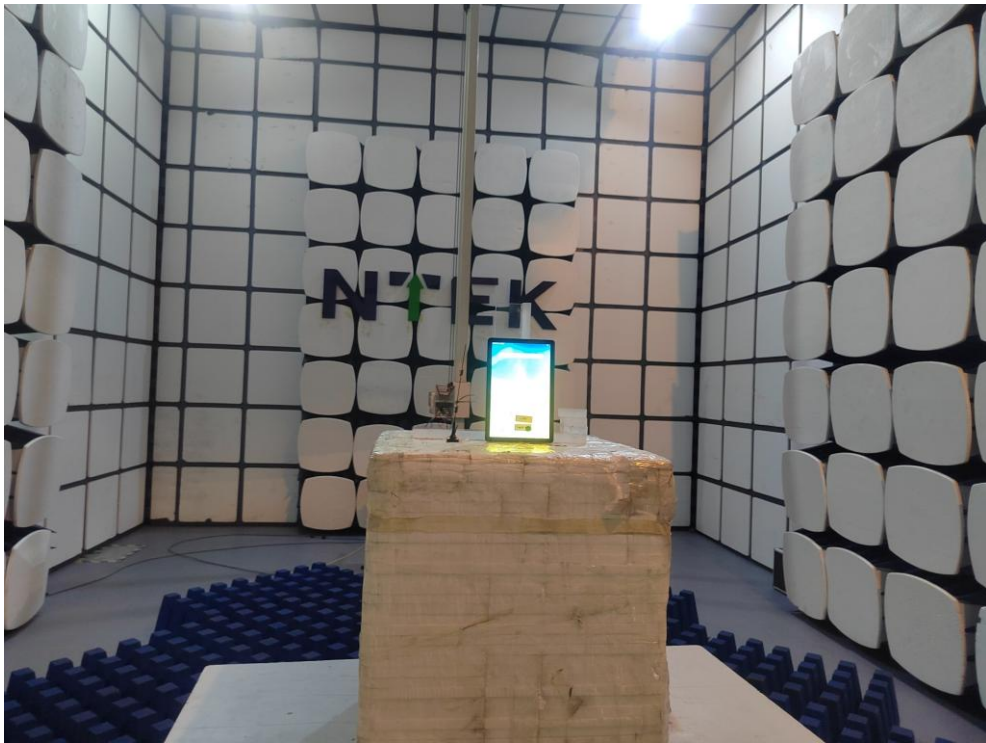
Test Result: Pass.

## **CONDUCTED TEST DATA**

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

## **PHOTOGRAPHS OF THE TEST SETUP**

**Radiated Spurious Emission Test**



END OF REPORT