



# **RADIO TEST REPORT**

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

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

**Product :** Mobile Phone

**Trade Mark :** Blackview

**Model Name :** A95

**Family Model :** N/A

**Report No. :** STR211122001008E

### **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>**



**Table of Contents                      Page**

**RADIO TEST REPORT ..... 1**

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

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

**PREPARED FOR ..... 1**

**PREPARED BY ..... 1**

**1.SUMMARY OF TEST RESULTS ..... 4**

    1.1 TEST FACILITY ..... 5

    1.2 MEASUREMENT UNCERTAINTY ..... 5

**2.GENERAL INFORMATION ..... 6**

    2.1 GENERAL DESCRIPTION OF EUT ..... 6

    2.2 LIST OF TEST EQUIPMENTS ..... 7

    2.3 TEST ENVIRONMENT/CONDITIONS ..... 8

    2.4 TEST MODE..... 8

**TABLE 2 ..... 11**

    2.5 TEST SETUP ..... 13

**3. SUMMARY OF THE REPORT..... 14**

    3.1 TERMS IN THE COLUMN “VERDICT” FOR THE TEST RESULTS LIST OF THIS SECTION: ..... 14

**TABLE 1 EN REQUIREMENTS TABLE (REF. ETSI EN 301 908-1 ANNEX D) ..... 14**

**TABLE 2 EN REQUIREMENTS TABLE ..... 15**

**NOTE 1: RECEIVER SPURIOUS RESPONSE IS JUST FOR THE OUT-OF-BAND BLOCKING LIMIT IS NOT MET. .... 17**

**D.1. RADIATED SPURIOUS EMISSIONS. .... 19**

**D.2. CONTROL AND MONITORING FUNCTIONS (UE) ..... 115**

**DEFINITION & LIMITS ..... 115**

**TEST DATA ..... 115**

**D.3. OUT-OF-SYNCHRONIZATION HANDLING OF OUTPUT POWER..... 116**

**DEFINITION ..... 116**

**LIMITS..... 116**

**TEST PROCEDURE..... 116**

**TEST DATA ..... 117**

**CONDUCTED TEST DATA ..... 118**

**PHOTOGRAPHS OF THE TEST SETUP ..... 119**

**END OF REPORT ..... 120**

### 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 V11.4.0(2014-03)	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 V11.4.0(2014-03)	3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 2: Implementation Conformance Statement (ICS)

## 1.1 TEST FACILITY

Shenzhen NTEK Testing Technology Co., Ltd.

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

FCC Registered No.: 463705 IC Registered No.:9270A-1

CNAS Registration No.:L5516

## 1.2 MEASUREMENT UNCERTAINTY

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

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



## 2.GENERAL INFORMATION

### 2.1 GENERAL DESCRIPTION OF EUT

Equipment	Mobile Phone
Trade Mark	Blackview
Model Name	A95
Family Model:	N/A
Model Difference:	N/A
Frequency Bands:	E-UTRA FDD I, III, VII, VIII, XX E-UTRA TDD XL
Frequency Bands:	FDD Band I: Uplink: 1920 MHz to 1980MHz Downlink: 2110 MHz to 2170 MHz FDD Band III: Uplink:1710 MHz to 1785 MHz Downlink: 1805 MHz to 1880 MHz FDD Band VII: Uplink: 2500 MHz to 2570 MHz Downlink: 2620 MHz to 2690 MHz FDD Band VIII: Uplink: 880MHz to 915 MHz Downlink: 925 MHz to 960 MHz FDD Band XX: Uplink: 832 MHz to 862 MHz Downlink: 791 MHz to 821 MHz TDD Band XL: Uplink & Downlink: 2300 MHz to 2400 MHz
Power Class:	E-UTRA :3
Modulation Mode:	QPSK, 16QAM
Adapter	Model: HJ-FC001K7-EU Input: 100-240V~50/60Hz 0.6A Output: 5V---3.0A 15.0W 9V---2.0A 18.0W 12V---1.5A 18.0W
Battery	Battery 1: Model: Li426483PUJLY DC 3.85V, 4280mAh,16.48Wh Battery 2: Model: LiSP426483SHHTT DC 3.85V, 4380mAh,16.863Wh
Rating	DC 3.85V from battery or DC 5V from Adapter.
Antenna:	PIFA Antenna
Antenna Gain:	B1: 0.71dBi,B3:0.48dBi,B7:0.92 dBi, B8:-0.93dBi, B20:-1.15dBi, B40:0.86dBi;
Hard Ware Version	TE855-A2-PCB-V1.0
Soft Ware Version	A95_EEA_TE855_V1.0

**2.2 LIST OF TEST EQUIPMENTS**

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Spectrum Analyzer	Agilent	E4407B	MY45108040	2021.04.27	2022.04.26	1 year
2	Test Receiver	R&S	ESPI7	101318	2021.04.27	2022.04.26	1 year
3	Bilog Antenna	TESEQ	CBL6111D	31216	2021.03.29	2022.03.28	1 year
4	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2020.05.11	2023.05.10	3 year
5	Spectrum Analyzer	Agilent	E4440A	150900201	2021.04.27	2022.04.26	1 year
6	Horn Antenna	EM	EM-AH-20180	2011071402	2021.03.29	2022.03.28	1 year
7	Horn Ant	Schwarzbeck	BBHA 9170	9170-181	2021.07.01	2022.06.30	1 year
8	Amplifier	EMC	EMC051835SE	980246	2021.07.01	2022.06.30	1 year
9	Loop Antenna	ARA	PLA-2030/B	1029	2021.07.01	2022.06.30	1 year
10	Power Meter	Agilent	E4419B	MY45102538	2021.07.01	2022.06.30	1 year
11	Signal Generator	R&S	SMT 06	832080/007	2021.07.01	2022.06.30	1 year
12	Temperature & Humidity Chamber	GIANT FORCE	GTH-056P	GF-94454-1	2021.07.01	2022.06.30	1 year
13	Power Sensor (AV)	R&S	URV5-Z4	0395.1619.05	2021.07.01	2022.06.30	1 year
14	LTE Wireless Communications Test Set	R&S	CMW500	1100.008.02	2021.07.01	2022.06.30	1 year
15	Power Splitter	Mini-Circuits	ZN2PD-63-S+	SF025101428	2020.04.07	2023.04.06	3 year
16	RF Communication Test	HP	8920B	--	2021.07.01	2022.06.30	1 year
17	Wireless Communication Test	Agilent	E5515C	--	2021.07.01	2022.06.30	1 year

### 2.3 TEST ENVIRONMENT/CONDITIONS

Normal Temperature (NT):	15 ... 35 °C
Relative Humidity:	30 ... 75 %
Air Pressure:	980 ... 1020 hPa
Details of Power Supply:	DC 3.85V
Extreme Temperature:	Low Temperature (LT) = -10°C High Temperature (HT) = 40°C
Extreme Voltage of the EUT (Declared by manufacturer):	Normal Voltage (NV) = DC 3.85V Low Voltage (LV) = DC 3.4V High Voltage (HV) = DC 4.2V

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

### 2.4 TEST MODE



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

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

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

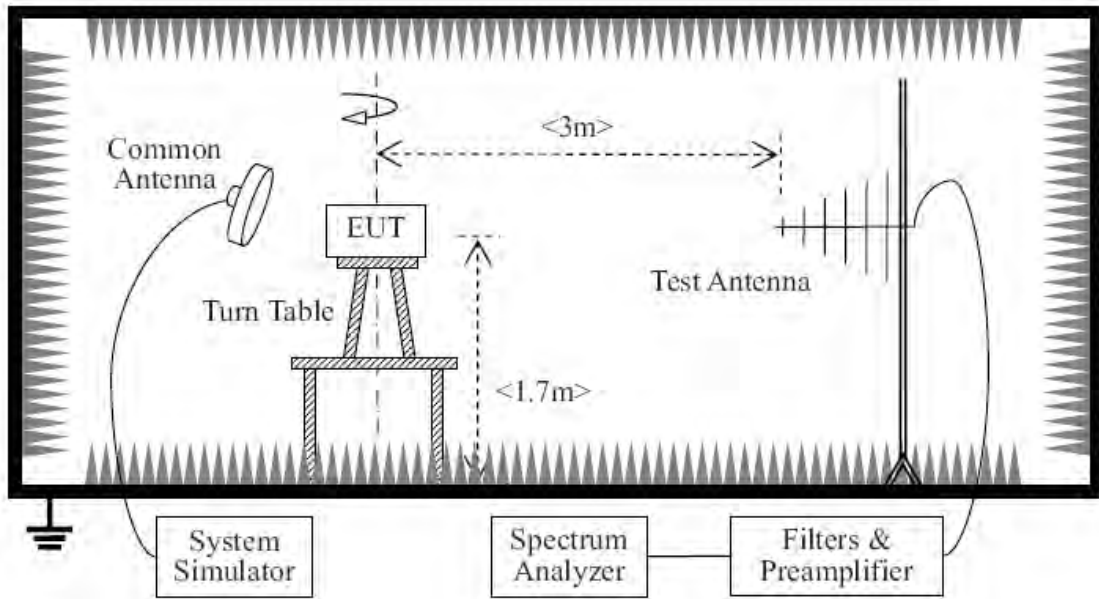
Table 2

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

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

**2.5 TEST SETUP**

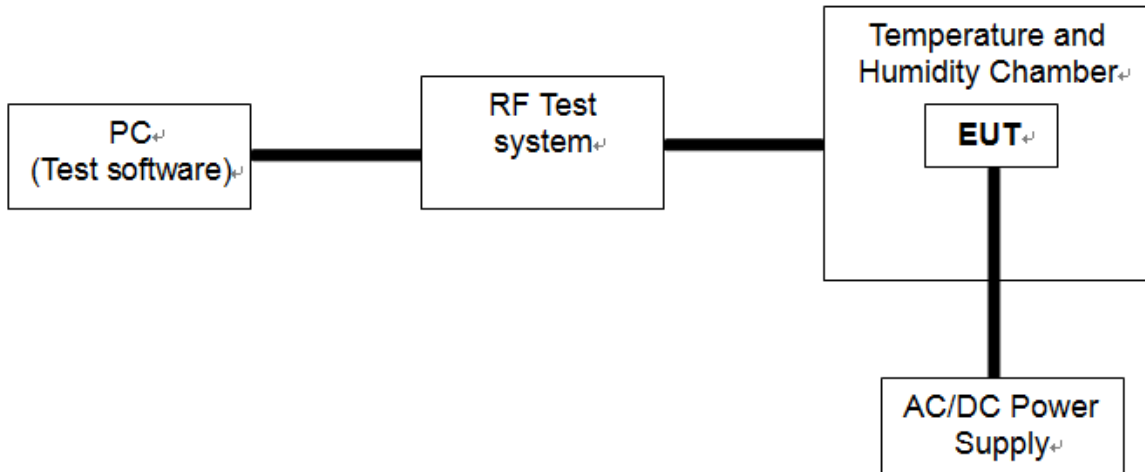
**1. Radiated Spurious Emission Test Setup**



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

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

**2. Conducted Test**





**3. SUMMARY OF THE REPORT**

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

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

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

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

**Table 2** EN Requirements Table

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

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

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

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

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

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



### D.1. RADIATED SPURIOUS EMISSIONS.

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
65.36	-66.73	3.91	-62.82	-36	-26.82	PASS
140.93	-76.37	6.95	-69.42	-36	-33.42	PASS
470.33	-70.9	9.27	-61.63	-36	-25.63	PASS
778.61	-59.12	9.75	-49.37	-36	-13.37	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)	
1732.08	-66.15	18.05	-48.10	-30	-18.10	PASS
2793.09	-55.14	15.75	-39.39	-30	-9.39	PASS
3265.21	-56.94	13.06	-43.88	-30	-13.88	PASS
4247.37	-58.01	12.52	-45.49	-30	-15.49	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)	
67.07	-78.57	3.91	-74.66	-36	-38.66	PASS
152.12	-66.62	6.95	-59.67	-36	-23.67	PASS
359.33	-62.68	9.27	-53.41	-36	-17.41	PASS
613.54	-75.78	9.75	-66.03	-36	-30.03	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)	
1045.10	-68.94	18.05	-50.89	-30	-20.89	PASS
2476.74	-54.83	15.75	-39.08	-30	-9.08	PASS
3760.09	-62.51	13.06	-49.45	-30	-19.45	PASS
7136.03	-54.13	12.52	-41.61	-30	-11.61	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)	
30.54	-60.69	3.91	-56.78	-36	-20.78	PASS
132.32	-70.93	6.95	-63.98	-36	-27.98	PASS
381.60	-78.03	9.27	-68.76	-36	-32.76	PASS
666.45	-59.98	9.75	-50.23	-36	-14.23	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)	
1038.02	-56.8	18.05	-38.75	-30	-8.75	PASS
2241.35	-69.71	15.75	-53.96	-30	-23.96	PASS
3138.08	-69.69	13.06	-56.63	-30	-26.63	PASS
11093.40	-55.69	12.52	-43.17	-30	-13.17	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)	
31.42	-63.49	3.91	-59.58	-36	-23.58	PASS
151.29	-62.33	6.95	-55.38	-36	-19.38	PASS
468.40	-72	9.27	-62.73	-36	-26.73	PASS
822.59	-71.76	9.75	-62.01	-36	-26.01	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)	
1621.40	-66.44	18.05	-48.39	-30	-18.39	PASS
2134.87	-52.96	15.75	-37.21	-30	-7.21	PASS
3682.75	-56.68	13.06	-43.62	-30	-13.62	PASS
5599.66	-50.61	12.52	-38.09	-30	-8.09	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)	
31.21	-74.33	3.91	-70.42	-36	-34.42	PASS
174.63	-71.94	6.95	-64.99	-36	-28.99	PASS
285.83	-76.47	9.27	-67.20	-36	-31.20	PASS
681.62	-78.57	9.75	-68.82	-36	-32.82	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)	
1958.38	-67.24	18.05	-49.19	-30	-19.19	PASS
2656.06	-60.96	15.75	-45.21	-30	-15.21	PASS
3769.00	-55.46	13.06	-42.40	-30	-12.40	PASS
7788.20	-58.74	12.52	-46.22	-30	-16.22	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)	
84.98	-64.12	3.91	-60.21	-36	-24.21	PASS
90.38	-63.71	6.95	-56.76	-36	-20.76	PASS
422.64	-77.61	9.27	-68.34	-36	-32.34	PASS
775.28	-77.04	9.75	-67.29	-36	-31.29	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)	
1630.31	-65.99	18.05	-47.94	-30	-17.94	PASS
2077.83	-51.93	15.75	-36.18	-30	-6.18	PASS
3421.76	-69.13	13.06	-56.07	-30	-26.07	PASS
4764.12	-59.35	12.52	-46.83	-30	-16.83	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)	
62.98	-76.24	3.91	-72.33	-36	-36.33	PASS
110.81	-66.56	6.95	-59.61	-36	-23.61	PASS
280.79	-64.35	9.27	-55.08	-36	-19.08	PASS
743.37	-79.15	9.75	-69.40	-36	-33.40	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)	
1999.60	-53.86	18.05	-35.81	-30	-5.81	PASS
2280.64	-66.68	15.75	-50.93	-30	-20.93	PASS
3573.41	-66.78	13.06	-53.72	-30	-23.72	PASS
5876.56	-65.4	12.52	-52.88	-30	-22.88	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)	
69.01	-76.53	3.91	-72.62	-36	-36.62	PASS
181.43	-68.5	6.95	-61.55	-36	-25.55	PASS
572.73	-61.38	9.27	-52.11	-36	-16.11	PASS
647.71	-60.58	9.75	-50.83	-36	-14.83	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)	
1882.77	-67.6	18.05	-49.55	-30	-19.55	PASS
2732.35	-64.07	15.75	-48.32	-30	-18.32	PASS
3714.91	-57.49	13.06	-44.43	-30	-14.43	PASS
4945.99	-58.29	12.52	-45.77	-30	-15.77	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)	
63.83	-61.13	2.35	-58.78	-36	-22.78	PASS
140.79	-64.39	1.38	-63.01	-36	-27.01	PASS
487.85	-54.72	5.45	-49.27	-36	-13.27	PASS
823.40	-56.39	1.45	-54.94	-36	-18.94	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)	
1119.93	-50.09	14.81	-35.28	-30	-5.28	PASS
2737.99	-66.07	15.91	-50.16	-30	-20.16	PASS
3555.33	-52.05	14.93	-37.12	-30	-7.12	PASS
6325.57	-54.44	16.55	-37.89	-30	-7.89	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)	
90.56	-65.71	5.93	-59.78	-36	-23.78	PASS
121.55	-62.14	9.25	-52.89	-36	-16.89	PASS
394.02	-51.98	4.35	-47.63	-36	-11.63	PASS
764.96	-51.69	8.47	-43.22	-36	-7.22	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)	
1666.55	-66.94	18.25	-48.69	-30	-18.69	PASS
2429.37	-66.27	18.87	-47.40	-30	-17.40	PASS
3571.99	-52.53	13.86	-38.67	-30	-8.67	PASS
5284.77	-50.73	10.24	-40.49	-30	-10.49	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)	
77.71	-53.33	6.38	-46.95	-36	-10.95	PASS
158.96	-65.93	8.65	-57.28	-36	-21.28	PASS
286.98	-49.05	1.51	-47.54	-36	-11.54	PASS
869.35	-64.33	9.03	-55.30	-36	-19.30	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)	
1820.48	-63.62	11.72	-51.90	-30	-21.90	PASS
2266.56	-64.02	15.95	-48.07	-30	-18.07	PASS
3800.78	-62.19	12.25	-49.94	-30	-19.94	PASS
6681.12	-61.53	15.98	-45.55	-30	-15.55	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)	
72.87	-62.79	1.69	-61.10	-36	-25.10	PASS
191.69	-57.71	3.80	-53.91	-36	-17.91	PASS
399.80	-59.76	3.93	-55.83	-36	-19.83	PASS
817.79	-63.16	8.89	-54.27	-36	-18.27	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)	
1826.77	-66.11	15.40	-50.71	-30	-20.71	PASS
2001.57	-62.08	14.23	-47.85	-30	-17.85	PASS
3217.56	-54.03	18.65	-35.38	-30	-5.38	PASS
6498.42	-60.98	16.16	-44.82	-30	-14.82	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)	
32.47	-73.68	3.91	-69.77	-36	-33.77	PASS
124.30	-77.55	6.95	-70.60	-36	-34.60	PASS
281.64	-60.80	9.27	-51.53	-36	-15.53	PASS
664.14	-74.95	9.75	-65.20	-36	-29.20	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)	
1228.98	-59.87	18.05	-41.82	-30	-11.82	PASS
2834.64	-56.75	15.75	-41.00	-30	-11.00	PASS
3513.51	-64.98	13.06	-51.92	-30	-21.92	PASS
9939.43	-53.24	12.52	-40.72	-30	-10.72	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)	
77.63	-66.60	3.91	-62.69	-36	-26.69	PASS
184.45	-62.24	6.95	-55.29	-36	-19.29	PASS
334.57	-70.60	9.27	-61.33	-36	-25.33	PASS
887.14	-62.77	9.75	-53.02	-36	-17.02	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)	
1757.45	-54.14	18.05	-36.09	-30	-6.09	PASS
2346.91	-54.86	15.75	-39.11	-30	-9.11	PASS
3586.32	-56.59	13.06	-43.53	-30	-13.53	PASS
5643.90	-62.1	12.52	-49.58	-30	-19.58	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)	
32.65	-78.86	3.91	-74.95	-36	-38.95	PASS
117.97	-66.51	6.95	-59.56	-36	-23.56	PASS
324.44	-62.85	9.27	-53.58	-36	-17.58	PASS
640.78	-69.27	9.75	-59.52	-36	-23.52	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)	
1971.64	-53.5	18.05	-35.45	-30	-5.45	PASS
2870.47	-62.41	15.75	-46.66	-30	-16.66	PASS
3070.66	-68.84	13.06	-55.78	-30	-25.78	PASS
9401.25	-59.71	12.52	-47.19	-30	-17.19	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)	
60.47	-71.38	3.91	-67.47	-36	-31.47	PASS
133.91	-59.77	6.95	-52.82	-36	-16.82	PASS
479.07	-68.14	9.27	-58.87	-36	-22.87	PASS
616.22	-61.36	9.75	-51.61	-36	-15.61	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)	
1702.28	-49.63	18.05	-31.58	-30	-1.58	PASS
2030.11	-58.5	15.75	-42.75	-30	-12.75	PASS
3186.78	-55.2	13.06	-42.14	-30	-12.14	PASS
8970.91	-50.7	12.52	-38.18	-30	-8.18	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)	
86.58	-60.93	3.91	-57.02	-36	-21.02	PASS
151.76	-72.93	6.95	-65.98	-36	-29.98	PASS
515.47	-75.03	9.27	-65.76	-36	-29.76	PASS
668.68	-73.75	9.75	-64.00	-36	-28.00	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)	
1516.55	-67.64	18.05	-49.59	-30	-19.59	PASS
2794.07	-69.53	15.75	-53.78	-30	-23.78	PASS
3885.96	-65.78	13.06	-52.72	-30	-22.72	PASS
6890.14	-68.76	12.52	-56.24	-30	-26.24	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)	
58.76	-74.35	3.91	-70.44	-36	-34.44	PASS
111.21	-67.00	6.95	-60.05	-36	-24.05	PASS
447.16	-62.68	9.27	-53.41	-36	-17.41	PASS
790.57	-62.52	9.75	-52.77	-36	-16.77	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)	
1424.44	-59.25	18.05	-41.20	-30	-11.20	PASS
2191.04	-67.37	15.75	-51.62	-30	-21.62	PASS
3441.21	-65.9	13.06	-52.84	-30	-22.84	PASS
10435.00	-64.97	12.52	-52.45	-30	-22.45	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)	
63.58	-60.40	3.91	-56.49	-36	-20.49	PASS
116.39	-66.34	6.95	-59.39	-36	-23.39	PASS
411.19	-71.68	9.27	-62.41	-36	-26.41	PASS
749.91	-68.34	9.75	-58.59	-36	-22.59	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)	
1580.97	-68.24	18.05	-50.19	-30	-20.19	PASS
2385.70	-51.17	15.75	-35.42	-30	-5.42	PASS
3484.32	-63.31	13.06	-50.25	-30	-20.25	PASS
5030.72	-53	12.52	-40.48	-30	-10.48	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)	
32.01	-61.09	3.91	-57.18	-36	-21.18	PASS
103.67	-73.60	6.95	-66.65	-36	-30.65	PASS
465.00	-61.90	9.27	-52.63	-36	-16.63	PASS
711.33	-73.99	9.75	-64.24	-36	-28.24	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)	
1848.69	-61.58	18.05	-43.53	-30	-13.53	PASS
2593.11	-51	15.75	-35.25	-30	-5.25	PASS
3413.78	-68.2	13.06	-55.14	-30	-25.14	PASS
11051.82	-54.28	12.52	-41.76	-30	-11.76	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)	
84.30	-73.75	3.91	-69.84	-36	-33.84	PASS
200.83	-74.51	6.95	-67.56	-36	-31.56	PASS
226.75	-61.45	9.27	-52.18	-36	-16.18	PASS
667.05	-63.67	9.75	-53.92	-36	-17.92	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)	
1364.39	-57.83	18.05	-39.78	-30	-9.78	PASS
2457.22	-68.52	15.75	-52.77	-30	-22.77	PASS
3374.03	-67.75	13.06	-54.69	-30	-24.69	PASS
5162.02	-57.73	12.52	-45.21	-30	-15.21	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)	
73.33	-75.17	3.91	-71.26	-36	-35.26	PASS
151.30	-75.69	6.95	-68.74	-36	-32.74	PASS
248.90	-76.48	9.27	-67.21	-36	-31.21	PASS
895.61	-75.21	9.75	-65.46	-36	-29.46	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)	
1902.43	-59.46	18.05	-41.41	-30	-11.41	PASS
2575.01	-58.95	15.75	-43.20	-30	-13.20	PASS
3438.90	-60.79	13.06	-47.73	-30	-17.73	PASS
11299.33	-52.22	12.52	-39.70	-30	-9.70	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)	
49.94	-63.76	3.91	-59.85	-36	-23.85	PASS
160.87	-68.69	6.95	-61.74	-36	-25.74	PASS
321.36	-64.48	9.27	-55.21	-36	-19.21	PASS
722.68	-70.73	9.75	-60.98	-36	-24.98	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)	
1706.44	-61.11	18.05	-43.06	-30	-13.06	PASS
2401.09	-69.36	15.75	-53.61	-30	-23.61	PASS
3826.27	-63.06	13.06	-50.00	-30	-20.00	PASS
10319.55	-58.59	12.52	-46.07	-30	-16.07	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
75.52	-77.99	3.91	-74.08	-36	-38.08	PASS
163.92	-61.01	6.95	-54.06	-36	-18.06	PASS
367.52	-60.73	9.27	-51.46	-36	-15.46	PASS
628.07	-63.93	9.75	-54.18	-36	-18.18	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)	
1048.71	-57.13	18.05	-39.08	-30	-9.08	PASS
2152.96	-55.19	15.75	-39.44	-30	-9.44	PASS
3136.23	-64.72	13.06	-51.66	-30	-21.66	PASS
7374.82	-55.73	12.52	-43.21	-30	-13.21	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)	
68.86	-67.92	3.91	-64.01	-36	-28.01	PASS
135.37	-70.33	6.95	-63.38	-36	-27.38	PASS
208.16	-66.36	9.27	-57.09	-36	-21.09	PASS
614.94	-70.24	9.75	-60.49	-36	-24.49	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)	
1808.90	-54.35	18.05	-36.30	-30	-6.30	PASS
2175.01	-56.31	15.75	-40.56	-30	-10.56	PASS
3282.36	-59.83	13.06	-46.77	-30	-16.77	PASS
8434.38	-51.06	12.52	-38.54	-30	-8.54	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
33.68	-67.69	3.91	-63.78	-36	-27.78	PASS
174.69	-65.83	6.95	-58.88	-36	-22.88	PASS
346.39	-64.21	9.27	-54.94	-36	-18.94	PASS
738.77	-65.97	9.75	-56.22	-36	-20.22	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)	
1079.98	-53.25	18.05	-35.20	-30	-5.20	PASS
2886.11	-49.42	15.75	-33.67	-30	-3.67	PASS
3198.31	-62.93	13.06	-49.87	-30	-19.87	PASS
10969.98	-58.42	12.52	-45.90	-30	-15.90	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)	
81.11	-73.43	3.91	-69.52	-36	-33.52	PASS
90.74	-65.70	6.95	-58.75	-36	-22.75	PASS
473.84	-76.88	9.27	-67.61	-36	-31.61	PASS
876.09	-63.85	9.75	-54.10	-36	-18.10	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)	
1056.63	-54.32	18.05	-36.27	-30	-6.27	PASS
2400.26	-49.03	15.75	-33.28	-30	-3.28	PASS
3357.36	-64.88	13.06	-51.82	-30	-21.82	PASS
10571.57	-61.84	12.52	-49.32	-30	-19.32	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)	
35.40	-76.65	3.91	-72.74	-36	-36.74	PASS
129.88	-62.07	6.95	-55.12	-36	-19.12	PASS
376.26	-62.48	9.27	-53.21	-36	-17.21	PASS
611.34	-79.74	9.75	-69.99	-36	-33.99	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)	
1927.66	-55.14	18.05	-37.09	-30	-7.09	PASS
2327.87	-61.7	15.75	-45.95	-30	-15.95	PASS
3095.94	-65.38	13.06	-52.32	-30	-22.32	PASS
7753.33	-52.63	12.52	-40.11	-30	-10.11	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)	
90.35	-59.77	3.91	-55.86	-36	-19.86	PASS
130.76	-68.51	6.95	-61.56	-36	-25.56	PASS
326.22	-62.37	9.27	-53.10	-36	-17.10	PASS
861.64	-73.14	9.75	-63.39	-36	-27.39	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)	
1998.23	-55.78	18.05	-37.73	-30	-7.73	PASS
2354.43	-59.14	15.75	-43.39	-30	-13.39	PASS
3517.42	-66.68	13.06	-53.62	-30	-23.62	PASS
8131.12	-51.6	12.52	-39.08	-30	-9.08	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)	
53.06	-62.47	3.91	-58.56	-36	-22.56	PASS
116.83	-63.92	6.95	-56.97	-36	-20.97	PASS
416.33	-69.87	9.27	-60.60	-36	-24.60	PASS
861.76	-76.17	9.75	-66.42	-36	-30.42	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)	
1419.01	-53.08	18.05	-35.03	-30	-5.03	PASS
2846.25	-66.44	15.75	-50.69	-30	-20.69	PASS
3597.81	-62.21	13.06	-49.15	-30	-19.15	PASS
5227.86	-54.77	12.52	-42.25	-30	-12.25	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)	
43.76	-55.86	3.91	-51.95	-36	-15.95	PASS
151.61	-58.45	6.95	-51.50	-36	-15.50	PASS
430.28	-49.76	9.27	-40.49	-36	-4.49	PASS
676.85	-58.55	9.75	-48.80	-36	-12.80	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)	
1990.79	-54.45	18.05	-36.40	-30	-6.40	PASS
2542.88	-57.07	15.75	-41.32	-30	-11.32	PASS
3624.21	-54.36	13.06	-41.30	-30	-11.30	PASS
8293.02	-58.46	12.52	-45.94	-30	-15.94	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)	
74.65	-57.42	3.91	-53.51	-36	-17.51	PASS
145.22	-53.67	6.95	-46.72	-36	-10.72	PASS
229.70	-57.70	9.27	-48.43	-36	-12.43	PASS
836.39	-58.43	9.75	-48.68	-36	-12.68	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)	
1437.30	-53.31	18.05	-35.26	-30	-5.26	PASS
2659.41	-50.35	15.75	-34.60	-30	-4.60	PASS
3683.92	-56.47	13.06	-43.41	-30	-13.41	PASS
10896.93	-56.64	12.52	-44.12	-30	-14.12	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
45.50	-58.23	3.91	-54.32	-36	-18.32	PASS
153.05	-53.37	6.95	-46.42	-36	-10.42	PASS
468.50	-56.38	9.27	-47.11	-36	-11.11	PASS
601.96	-51.22	9.75	-41.47	-36	-5.47	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)	
1992.37	-54.43	18.05	-36.38	-30	-6.38	PASS
2623.81	-58.51	15.75	-42.76	-30	-12.76	PASS
3970.36	-52.71	13.06	-39.65	-30	-9.65	PASS
8616.85	-56.30	12.52	-43.78	-30	-13.78	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)	
72.91	-54.87	3.91	-50.96	-36	-14.96	PASS
142.31	-50.66	6.95	-43.71	-36	-7.71	PASS
552.91	-55.29	9.27	-46.02	-36	-10.02	PASS
752.09	-54.60	9.75	-44.85	-36	-8.85	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1806.47	-55.29	18.05	-37.24	-30	-7.24	PASS
2161.36	-57.84	15.75	-42.09	-30	-12.09	PASS
3289.55	-50.48	13.06	-37.42	-30	-7.42	PASS
11415.23	-50.08	12.52	-37.56	-30	-7.56	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)	
90.23	-55.87	3.91	-51.96	-36	-15.96	PASS
195.09	-50.07	6.95	-43.12	-36	-7.12	PASS
518.78	-54.20	9.27	-44.93	-36	-8.93	PASS
732.50	-56.01	9.75	-46.26	-36	-10.26	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1310.94	-53.48	18.05	-35.43	-30	-5.43	PASS
2464.88	-59.19	15.75	-43.44	-30	-13.44	PASS
3591.22	-52.23	13.06	-39.17	-30	-9.17	PASS
5362.33	-59.70	12.52	-47.18	-30	-17.18	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)	
53.32	-59.13	3.91	-55.22	-36	-19.22	PASS
126.78	-55.41	6.95	-48.46	-36	-12.46	PASS
596.25	-50.78	9.27	-41.51	-36	-5.51	PASS
768.98	-50.04	9.75	-40.29	-36	-4.29	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)	
1651.49	-56.38	18.05	-38.33	-30	-8.33	PASS
2765.34	-53.86	15.75	-38.11	-30	-8.11	PASS
3023.45	-51.68	13.06	-38.62	-30	-8.62	PASS
11198.75	-51.93	12.52	-39.41	-30	-9.41	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)	
56.59	-70.62	3.91	-66.71	-36	-30.71	PASS
195.49	-74.89	6.95	-67.94	-36	-31.94	PASS
450.36	-69.25	9.27	-59.98	-36	-23.98	PASS
898.14	-69.71	9.75	-59.96	-36	-23.96	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)	
1317.84	-67.81	18.05	-49.76	-30	-19.76	PASS
2367.31	-66.39	15.75	-50.64	-30	-20.64	PASS
3916.91	-61.57	13.06	-48.51	-30	-18.51	PASS
9831.89	-56.34	12.52	-43.82	-30	-13.82	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)	
75.77	-65.14	3.91	-61.23	-36	-25.23	PASS
118.21	-64.47	6.95	-57.52	-36	-21.52	PASS
389.31	-59.53	9.27	-50.26	-36	-14.26	PASS
634.28	-79.72	9.75	-69.97	-36	-33.97	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)	
1860.17	-58.1	18.05	-40.05	-30	-10.05	PASS
2224.73	-68.88	15.75	-53.13	-30	-23.13	PASS
3022.30	-59.66	13.06	-46.60	-30	-16.60	PASS
11982.65	-63.83	12.52	-51.31	-30	-21.31	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)	
77.58	-62.61	3.91	-58.70	-36	-22.70	PASS
129.69	-63.52	6.95	-56.57	-36	-20.57	PASS
316.47	-67.63	9.27	-58.36	-36	-22.36	PASS
861.63	-73.18	9.75	-63.43	-36	-27.43	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)	
1821.89	-67.29	18.05	-49.24	-30	-19.24	PASS
2227.45	-52.94	15.75	-37.19	-30	-7.19	PASS
3717.13	-61.73	13.06	-48.67	-30	-18.67	PASS
9554.42	-52.03	12.52	-39.51	-30	-9.51	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)	
66.41	-67.62	3.91	-63.71	-36	-27.71	PASS
102.23	-79.40	6.95	-72.45	-36	-36.45	PASS
429.15	-60.09	9.27	-50.82	-36	-14.82	PASS
654.52	-63.00	9.75	-53.25	-36	-17.25	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)	
1463.90	-50.94	18.05	-32.89	-30	-2.89	PASS
2962.27	-59.84	15.75	-44.09	-30	-14.09	PASS
3699.00	-67.14	13.06	-54.08	-30	-24.08	PASS
11886.19	-52.56	12.52	-40.04	-30	-10.04	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)	
67.18	-71.08	3.91	-67.17	-36	-31.17	PASS
92.94	-72.29	6.95	-65.34	-36	-29.34	PASS
548.74	-72.46	9.27	-63.19	-36	-27.19	PASS
789.23	-59.63	9.75	-49.88	-36	-13.88	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)	
1528.43	-55.58	18.05	-37.53	-30	-7.53	PASS
2703.76	-58.21	15.75	-42.46	-30	-12.46	PASS
3495.52	-56.59	13.06	-43.53	-30	-13.53	PASS
10660.30	-58.25	12.52	-45.73	-30	-15.73	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
68.26	-59.74	3.91	-55.83	-36	-19.83	PASS
100.02	-62.23	6.95	-55.28	-36	-19.28	PASS
572.57	-63.46	9.27	-54.19	-36	-18.19	PASS
760.99	-63.65	9.75	-53.90	-36	-17.90	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)	
1926.74	-58.81	18.05	-40.76	-30	-10.76	PASS
2187.02	-63.83	15.75	-48.08	-30	-18.08	PASS
3216.49	-64.89	13.06	-51.83	-30	-21.83	PASS
5485.49	-61.24	12.52	-48.72	-30	-18.72	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)	
32.28	-75.85	3.91	-71.94	-36	-35.94	PASS
154.09	-61.73	6.95	-54.78	-36	-18.78	PASS
554.85	-79.86	9.27	-70.59	-36	-34.59	PASS
861.97	-79.67	9.75	-69.92	-36	-33.92	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)	
1305.08	-69.77	18.05	-51.72	-30	-21.72	PASS
2292.29	-52.8	15.75	-37.05	-30	-7.05	PASS
3331.40	-51.47	13.06	-38.41	-30	-8.41	PASS
9403.16	-64.02	12.52	-51.50	-30	-21.50	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)	
68.19	-75.48	3.91	-71.57	-36	-35.57	PASS
166.50	-68.50	6.95	-61.55	-36	-25.55	PASS
487.61	-67.34	9.27	-58.07	-36	-22.07	PASS
650.29	-69.64	9.75	-59.89	-36	-23.89	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)	
1872.41	-55.93	18.05	-37.88	-30	-7.88	PASS
2337.34	-53.52	15.75	-37.77	-30	-7.77	PASS
3834.79	-49.58	13.06	-36.52	-30	-6.52	PASS
6258.94	-49.44	12.52	-36.92	-30	-6.92	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)	
38.31	-77.20	3.91	-73.29	-36	-37.29	PASS
138.73	-59.86	6.95	-52.91	-36	-16.91	PASS
221.04	-77.99	9.27	-68.72	-36	-32.72	PASS
770.82	-71.48	9.75	-61.73	-36	-25.73	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)	
1819.99	-51.72	18.05	-33.67	-30	-3.67	PASS
2616.21	-61.95	15.75	-46.20	-30	-16.20	PASS
3988.79	-59.49	13.06	-46.43	-30	-16.43	PASS
8988.53	-49.36	12.52	-36.84	-30	-6.84	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)	
86.70	-64.67	3.91	-60.76	-36	-24.76	PASS
187.15	-76.19	6.95	-69.24	-36	-33.24	PASS
436.14	-78.43	9.27	-69.16	-36	-33.16	PASS
707.87	-78.16	9.75	-68.41	-36	-32.41	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)	
1166.27	-56.97	18.05	-38.92	-30	-8.92	PASS
2974.58	-55.78	15.75	-40.03	-30	-10.03	PASS
3052.53	-51.9	13.06	-38.84	-30	-8.84	PASS
10003.37	-52.7	12.52	-40.18	-30	-10.18	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)	
56.77	-72.13	3.91	-68.22	-36	-32.22	PASS
105.50	-78.01	6.95	-71.06	-36	-35.06	PASS
337.53	-59.63	9.27	-50.36	-36	-14.36	PASS
693.98	-79.54	9.75	-69.79	-36	-33.79	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)	
1533.63	-54.43	18.05	-36.38	-30	-6.38	PASS
2223.00	-50.96	15.75	-35.21	-30	-5.21	PASS
3809.23	-64.17	13.06	-51.11	-30	-21.11	PASS
4097.92	-52.63	12.52	-40.11	-30	-10.11	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)	
82.36	-71.86	3.91	-67.95	-36	-31.95	PASS
192.28	-75.53	6.95	-68.58	-36	-32.58	PASS
316.72	-65.40	9.27	-56.13	-36	-20.13	PASS
816.36	-60.31	9.75	-50.56	-36	-14.56	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)	
1347.07	-57.56	18.05	-39.51	-30	-9.51	PASS
2406.17	-56.01	15.75	-40.26	-30	-10.26	PASS
3269.19	-52.35	13.06	-39.29	-30	-9.29	PASS
4835.52	-69.46	12.52	-56.94	-30	-26.94	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
72.11	-73.28	3.91	-69.37	-36	-33.37	PASS
179.51	-71.85	6.95	-64.90	-36	-28.90	PASS
255.05	-67.75	9.27	-58.48	-36	-22.48	PASS
633.02	-74.73	9.75	-64.98	-36	-28.98	PASS

Remark:

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

**Band 8 CH L 20M QPSK H 1-12.75G**

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1811.18	-61.76	18.05	-43.71	-30	-13.71	PASS
2651.06	-59.61	15.75	-43.86	-30	-13.86	PASS
3198.60	-52.35	13.06	-39.29	-30	-9.29	PASS
8077.33	-67.41	12.52	-54.89	-30	-24.89	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
72.09	-73.26	3.91	-69.35	-36	-33.35	PASS
109.93	-69.51	6.95	-62.56	-36	-26.56	PASS
271.81	-71.56	9.27	-62.29	-36	-26.29	PASS
632.88	-75.90	9.75	-66.15	-36	-30.15	PASS

Remark:

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

Band 8 CH L 20M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1487.93	-69.45	18.05	-51.40	-30	-21.40	PASS
2278.55	-56.14	15.75	-40.39	-30	-10.39	PASS
3090.71	-49.8	13.06	-36.74	-30	-6.74	PASS
4605.57	-54.64	12.52	-42.12	-30	-12.12	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
33.42	-65.23	3.91	-61.32	-36	-25.32	PASS
164.94	-77.33	6.95	-70.38	-36	-34.38	PASS
262.67	-70.57	9.27	-61.30	-36	-25.30	PASS
693.37	-78.52	9.75	-68.77	-36	-32.77	PASS

Remark:

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

Band 8 CH M 20M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1964.03	-51.66	18.05	-33.61	-30	-3.61	PASS
2468.72	-68.27	15.75	-52.52	-30	-22.52	PASS
3202.87	-52.96	13.06	-39.90	-30	-9.90	PASS
11936.49	-69.17	12.52	-56.65	-30	-26.65	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
53.02	-64.67	3.91	-60.76	-36	-24.76	PASS
118.21	-77.44	6.95	-70.49	-36	-34.49	PASS
396.54	-79.62	9.27	-70.35	-36	-34.35	PASS
608.33	-64.46	9.75	-54.71	-36	-18.71	PASS

Remark:

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

Band 8 CH M 20M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1798.38	-54.97	18.05	-36.92	-30	-6.92	PASS
2930.51	-58.64	15.75	-42.89	-30	-12.89	PASS
3673.21	-63.06	13.06	-50.00	-30	-20.00	PASS
8801.63	-68.98	12.52	-56.46	-30	-26.46	PASS

Remark:

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



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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
68.15	-73.01	3.91	-69.10	-36	-33.10	PASS
153.80	-62.59	6.95	-55.64	-36	-19.64	PASS
524.89	-65.78	9.27	-56.51	-36	-20.51	PASS
892.33	-69.73	9.75	-59.98	-36	-23.98	PASS

Remark:

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

**Band 8 CH H 20M QPSK H 1-12.75G**

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1184.84	-68.8	18.05	-50.75	-30	-20.75	PASS
2984.62	-50.99	15.75	-35.24	-30	-5.24	PASS
3246.93	-52.43	13.06	-39.37	-30	-9.37	PASS
5311.19	-67.63	12.52	-55.11	-30	-25.11	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
46.88	-64.44	3.91	-60.53	-36	-24.53	PASS
96.09	-60.45	6.95	-53.50	-36	-17.50	PASS
419.47	-75.49	9.27	-66.22	-36	-30.22	PASS
717.75	-70.12	9.75	-60.37	-36	-24.37	PASS

Remark:

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

Band 8 CH H 20M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1848.39	-49.92	18.05	-31.87	-30	-1.87	PASS
2077.91	-56.3	15.75	-40.55	-30	-10.55	PASS
3910.18	-51.17	13.06	-38.11	-30	-8.11	PASS
6023.19	-53.48	12.52	-40.96	-30	-10.96	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)	
61.88	-79.69	3.91	-75.78	-36	-39.78	PASS
92.81	-71.53	6.95	-64.58	-36	-28.58	PASS
467.31	-71.71	9.27	-62.44	-36	-26.44	PASS
823.81	-74.82	9.75	-65.07	-36	-29.07	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)	
1671.38	-53.76	18.05	-35.71	-30	-5.71	PASS
2669.89	-66.53	15.75	-50.78	-30	-20.78	PASS
3351.96	-58.69	13.06	-45.63	-30	-15.63	PASS
5871.25	-54.28	12.52	-41.76	-30	-11.76	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)	
31.09	-62.67	3.91	-58.76	-36	-22.76	PASS
141.94	-71.19	6.95	-64.24	-36	-28.24	PASS
565.98	-78.44	9.27	-69.17	-36	-33.17	PASS
795.63	-73.34	9.75	-63.59	-36	-27.59	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)	
1794.24	-56.95	18.05	-38.90	-30	-8.90	PASS
2741.13	-56.98	15.75	-41.23	-30	-11.23	PASS
3306.94	-63.02	13.06	-49.96	-30	-19.96	PASS
9770.47	-52.61	12.52	-40.09	-30	-10.09	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)	
79.87	-72.18	3.91	-68.27	-36	-32.27	PASS
91.99	-60.39	6.95	-53.44	-36	-17.44	PASS
257.64	-70.96	9.27	-61.69	-36	-25.69	PASS
694.03	-61.36	9.75	-51.61	-36	-15.61	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)	
1602.14	-69.96	18.05	-51.91	-30	-21.91	PASS
2454.33	-55.95	15.75	-40.20	-30	-10.20	PASS
3927.66	-54.91	13.06	-41.85	-30	-11.85	PASS
7517.46	-57.63	12.52	-45.11	-30	-15.11	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)	
83.25	-70.18	3.91	-66.27	-36	-30.27	PASS
175.72	-73.50	6.95	-66.55	-36	-30.55	PASS
253.59	-70.29	9.27	-61.02	-36	-25.02	PASS
875.49	-76.39	9.75	-66.64	-36	-30.64	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)	
1607.92	-50.64	18.05	-32.59	-30	-2.59	PASS
2487.34	-66.77	15.75	-51.02	-30	-21.02	PASS
3722.76	-65.58	13.06	-52.52	-30	-22.52	PASS
8666.13	-64.97	12.52	-52.45	-30	-22.45	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)	
57.47	-77.95	3.91	-74.04	-36	-38.04	PASS
148.99	-76.74	6.95	-69.79	-36	-33.79	PASS
353.99	-75.13	9.27	-65.86	-36	-29.86	PASS
652.25	-71.56	9.75	-61.81	-36	-25.81	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)	
1452.90	-49.05	18.05	-31.00	-30	-1.00	PASS
2954.21	-51.11	15.75	-35.36	-30	-5.36	PASS
3101.44	-69.12	13.06	-56.06	-30	-26.06	PASS
6190.23	-58.25	12.52	-45.73	-30	-15.73	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)	
56.83	-65.81	3.91	-61.90	-36	-25.90	PASS
119.34	-67.10	6.95	-60.15	-36	-24.15	PASS
548.25	-71.97	9.27	-62.70	-36	-26.70	PASS
764.63	-70.68	9.75	-60.93	-36	-24.93	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)	
1265.28	-60.66	18.05	-42.61	-30	-12.61	PASS
2221.34	-69.6	15.75	-53.85	-30	-23.85	PASS
3262.49	-68.76	13.06	-55.70	-30	-25.70	PASS
8670.37	-65.47	12.52	-52.95	-30	-22.95	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)	
76.63	-72.96	3.91	-69.05	-36	-33.05	PASS
196.47	-66.31	6.95	-59.36	-36	-23.36	PASS
244.13	-72.59	9.27	-63.32	-36	-27.32	PASS
724.08	-74.46	9.75	-64.71	-36	-28.71	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)	
1458.29	-54.23	18.05	-36.18	-30	-6.18	PASS
2267.40	-61.03	15.75	-45.28	-30	-15.28	PASS
3029.60	-62.33	13.06	-49.27	-30	-19.27	PASS
8676.07	-52.75	12.52	-40.23	-30	-10.23	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
46.09	-72.76	3.91	-68.85	-36	-32.85	PASS
168.80	-61.45	6.95	-54.50	-36	-18.50	PASS
426.78	-70.78	9.27	-61.51	-36	-25.51	PASS
866.20	-76.00	9.75	-66.25	-36	-30.25	PASS

Remark:

- 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)	
1194.58	-49.51	18.05	-31.46	-30	-1.46	PASS
2133.79	-64.04	15.75	-48.29	-30	-18.29	PASS
3395.60	-63.37	13.06	-50.31	-30	-20.31	PASS
9274.08	-69.58	12.52	-57.06	-30	-27.06	PASS

Remark:

- 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)	
67.38	-73.15	3.91	-69.24	-36	-33.24	PASS
96.68	-72.17	6.95	-65.22	-36	-29.22	PASS
541.93	-74.91	9.27	-65.64	-36	-29.64	PASS
678.85	-76.33	9.75	-66.58	-36	-30.58	PASS

Remark:

- 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)	
1289.05	-65.46	18.05	-47.41	-30	-17.41	PASS
2070.17	-60.83	15.75	-45.08	-30	-15.08	PASS
3263.19	-49.54	13.06	-36.48	-30	-6.48	PASS
9067.37	-58.35	12.52	-45.83	-30	-15.83	PASS

Remark:

- 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)	
78.32	-73.33	3.91	-69.42	-36	-33.42	PASS
121.07	-67.08	6.95	-60.13	-36	-24.13	PASS
447.15	-63.60	9.27	-54.33	-36	-18.33	PASS
879.46	-71.96	9.75	-62.21	-36	-26.21	PASS

Remark:

- 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)	
1922.44	-56.5	18.05	-38.45	-30	-8.45	PASS
2807.66	-62.87	15.75	-47.12	-30	-17.12	PASS
3485.74	-56.5	13.06	-43.44	-30	-13.44	PASS
8121.83	-53.37	12.52	-40.85	-30	-10.85	PASS

Remark:

- 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)	
47.58	-64.16	3.91	-60.25	-36	-24.25	PASS
198.10	-69.89	6.95	-62.94	-36	-26.94	PASS
212.24	-62.85	9.27	-53.58	-36	-17.58	PASS
730.69	-66.98	9.75	-57.23	-36	-21.23	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)	
1793.25	-57.18	18.05	-39.13	-30	-9.13	PASS
2968.90	-53.84	15.75	-38.09	-30	-8.09	PASS
3304.06	-54.9	13.06	-41.84	-30	-11.84	PASS
10831.15	-63.97	12.52	-51.45	-30	-21.45	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)	
71.24	-64.77	3.91	-60.86	-36	-24.86	PASS
145.24	-60.18	6.95	-53.23	-36	-17.23	PASS
365.22	-79.88	9.27	-70.61	-36	-34.61	PASS
703.13	-66.76	9.75	-57.01	-36	-21.01	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)	
1853.09	-51.74	18.05	-33.69	-30	-3.69	PASS
2105.06	-62.77	15.75	-47.02	-30	-17.02	PASS
3073.31	-61.89	13.06	-48.83	-30	-18.83	PASS
7412.80	-65.79	12.52	-53.27	-30	-23.27	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)	
61.48	-62.75	3.91	-58.84	-36	-22.84	PASS
112.58	-67.14	6.95	-60.19	-36	-24.19	PASS
429.10	-65.60	9.27	-56.33	-36	-20.33	PASS
792.09	-69.09	9.75	-59.34	-36	-23.34	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)	
1853.18	-58.45	18.05	-40.40	-30	-10.40	PASS
2039.90	-63.16	15.75	-47.41	-30	-17.41	PASS
3366.04	-49.53	13.06	-36.47	-30	-6.47	PASS
5402.85	-51.36	12.52	-38.84	-30	-8.84	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)	
38.40	-74.38	3.91	-70.47	-36	-34.47	PASS
113.58	-76.44	6.95	-69.49	-36	-33.49	PASS
566.14	-66.61	9.27	-57.34	-36	-21.34	PASS
870.18	-67.97	9.75	-58.22	-36	-22.22	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)	
1028.97	-56.04	18.05	-37.99	-30	-7.99	PASS
2642.60	-52.63	15.75	-36.88	-30	-6.88	PASS
3943.21	-55.26	13.06	-42.20	-30	-12.20	PASS
6471.89	-59.39	12.52	-46.87	-30	-16.87	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
32.65	-71.13	3.91	-67.22	-36	-31.22	PASS
116.86	-62.24	6.95	-55.29	-36	-19.29	PASS
428.68	-72.80	9.27	-63.53	-36	-27.53	PASS
694.52	-71.54	9.75	-61.79	-36	-25.79	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)	
1411.18	-52.42	18.05	-34.37	-30	-4.37	PASS
2189.05	-52.28	15.75	-36.53	-30	-6.53	PASS
3161.51	-69.36	13.06	-56.30	-30	-26.30	PASS
7310.90	-52.47	12.52	-39.95	-30	-9.95	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)	
70.28	-71.10	3.91	-67.19	-36	-31.19	PASS
189.98	-72.31	6.95	-65.36	-36	-29.36	PASS
285.64	-76.91	9.27	-67.64	-36	-31.64	PASS
629.90	-74.99	9.75	-65.24	-36	-29.24	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)	
1353.04	-51.44	18.05	-33.39	-30	-3.39	PASS
2512.70	-69.6	15.75	-53.85	-30	-23.85	PASS
3955.94	-60.63	13.06	-47.57	-30	-17.57	PASS
11491.41	-59.59	12.52	-47.07	-30	-17.07	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)	
76.78	-77.34	3.91	-73.43	-36	-37.43	PASS
147.38	-63.59	6.95	-56.64	-36	-20.64	PASS
558.21	-65.37	9.27	-56.10	-36	-20.10	PASS
844.89	-62.98	9.75	-53.23	-36	-17.23	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)	
1905.52	-56.59	18.05	-38.54	-30	-8.54	PASS
2449.36	-54.24	15.75	-38.49	-30	-8.49	PASS
3947.46	-59.8	13.06	-46.74	-30	-16.74	PASS
5672.51	-54.75	12.52	-42.23	-30	-12.23	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)	
48.23	-78.00	3.91	-74.09	-36	-38.09	PASS
130.19	-70.01	6.95	-63.06	-36	-27.06	PASS
445.82	-68.22	9.27	-58.95	-36	-22.95	PASS
899.17	-65.02	9.75	-55.27	-36	-19.27	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)	
1801.53	-50.35	18.05	-32.30	-30	-2.30	PASS
2936.64	-51.67	15.75	-35.92	-30	-5.92	PASS
3891.93	-60.39	13.06	-47.33	-30	-17.33	PASS
11768.60	-51.38	12.52	-38.86	-30	-8.86	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)	
38.77	-76.34	3.91	-72.43	-36	-36.43	PASS
158.73	-78.28	6.95	-71.33	-36	-35.33	PASS
201.56	-67.54	9.27	-58.27	-36	-22.27	PASS
886.43	-61.12	9.75	-51.37	-36	-15.37	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1783.68	-56.3	18.05	-38.25	-30	-8.25	PASS
2103.97	-68.68	15.75	-52.93	-30	-22.93	PASS
3104.65	-59.39	13.06	-46.33	-30	-16.33	PASS
9382.75	-51.7	12.52	-39.18	-30	-9.18	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)	
72.02	-65.28	3.91	-61.37	-36	-25.37	PASS
149.02	-65.22	6.95	-58.27	-36	-22.27	PASS
401.71	-78.69	9.27	-69.42	-36	-33.42	PASS
659.08	-77.85	9.75	-68.10	-36	-32.10	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)	
1077.37	-62.29	18.05	-44.24	-30	-14.24	PASS
2467.85	-49.88	15.75	-34.13	-30	-4.13	PASS
3267.39	-57.72	13.06	-44.66	-30	-14.66	PASS
11995.98	-62.76	12.52	-50.24	-30	-20.24	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)	
79.62	-76.72	3.91	-72.81	-36	-36.81	PASS
153.17	-76.24	6.95	-69.29	-36	-33.29	PASS
354.68	-76.50	9.27	-67.23	-36	-31.23	PASS
898.12	-75.22	9.75	-65.47	-36	-29.47	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)	
1034.64	-55.9	18.05	-37.85	-30	-7.85	PASS
2977.94	-50.3	15.75	-34.55	-30	-4.55	PASS
3895.86	-64.76	13.06	-51.70	-30	-21.70	PASS
8226.79	-56.99	12.52	-44.47	-30	-14.47	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)	
60.65	-65.54	3.91	-61.63	-36	-25.63	PASS
138.96	-59.19	6.95	-52.24	-36	-16.24	PASS
441.94	-74.19	9.27	-64.92	-36	-28.92	PASS
641.35	-76.21	9.75	-66.46	-36	-30.46	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)	
1221.39	-65.86	18.05	-47.81	-30	-17.81	PASS
2551.15	-52.17	15.75	-36.42	-30	-6.42	PASS
3948.31	-66.45	13.06	-53.39	-30	-23.39	PASS
11943.33	-49.32	12.52	-36.80	-30	-6.80	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)	
86.36	-75.81	3.91	-71.90	-36	-35.90	PASS
161.38	-61.67	6.95	-54.72	-36	-18.72	PASS
554.12	-68.56	9.27	-59.29	-36	-23.29	PASS
657.49	-76.92	9.75	-67.17	-36	-31.17	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)	
1776.51	-52.83	18.05	-34.78	-30	-4.78	PASS
2690.73	-59.32	15.75	-43.57	-30	-13.57	PASS
3968.04	-52.88	13.06	-39.82	-30	-9.82	PASS
9252.68	-60.12	12.52	-47.60	-30	-17.60	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)	
81.92	-79.11	3.91	-75.20	-36	-39.20	PASS
161.98	-59.21	6.95	-52.26	-36	-16.26	PASS
549.70	-74.71	9.27	-65.44	-36	-29.44	PASS
695.86	-74.84	9.75	-65.09	-36	-29.09	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)	
1097.25	-58.93	18.05	-40.88	-30	-10.88	PASS
2755.76	-59.39	15.75	-43.64	-30	-13.64	PASS
3981.42	-51.93	13.06	-38.87	-30	-8.87	PASS
5995.47	-65.71	12.52	-53.19	-30	-23.19	PASS

Remark:

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

Idle Mode

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
53.16	H	-88.19	8.07	-80.12	-57	-23.12	PASS
123.36	H	-86.37	7.62	-78.75	-57	-21.75	PASS
324.39	H	-83.69	5.62	-78.07	-57	-21.07	PASS
646.21	H	-75.51	8.80	-66.71	-57	-9.71	PASS
60.28	V	-79.38	2.77	-76.61	-57	-19.61	PASS
157.18	V	-85.46	7.04	-78.42	-57	-21.42	PASS
270.41	V	-84.18	5.42	-78.76	-57	-21.76	PASS
822.46	V	-73.11	4.44	-68.67	-57	-11.67	PASS

Remark:

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

Band 1 CH L 20M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1867.11	V	-74.39	8.92	-65.47	-47	-18.47	PASS
2159.16	V	-70.08	14.79	-55.29	-47	-8.29	PASS
3085.60	V	-64.01	11.97	-52.04	-47	-5.04	PASS
11452.33	V	-78.70	14.58	-64.12	-47	-17.12	PASS
1437.10	H	-70.31	11.13	-59.18	-47	-12.18	PASS
2447.59	H	-66.91	8.20	-58.71	-47	-11.71	PASS
3429.87	H	-79.08	11.93	-67.15	-47	-20.15	PASS
10379.07	H	-67.58	14.12	-53.46	-47	-6.46	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
80.56	H	-77.08	8.07	-69.01	-57	-12.01	PASS
184.55	H	-88.58	7.62	-80.96	-57	-23.96	PASS
350.44	H	-83.70	5.62	-78.08	-57	-21.08	PASS
763.57	H	-78.86	8.80	-70.06	-57	-13.06	PASS
77.92	V	-70.43	2.77	-67.66	-57	-10.66	PASS
193.75	V	-88.71	7.04	-81.67	-57	-24.67	PASS
359.96	V	-86.00	5.42	-80.58	-57	-23.58	PASS
678.77	V	-70.18	4.44	-65.74	-57	-8.74	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1521.99	V	-70.06	8.92	-61.14	-47	-14.14	PASS
2842.50	V	-64.09	14.79	-49.30	-47	-2.30	PASS
3993.88	V	-68.25	11.97	-56.28	-47	-9.28	PASS
6624.88	V	-73.58	14.58	-59.00	-47	-12.00	PASS
1144.31	H	-72.56	11.13	-61.43	-47	-14.43	PASS
2400.79	H	-75.29	8.20	-67.09	-47	-20.09	PASS
3335.73	H	-67.86	11.93	-55.93	-47	-8.93	PASS
5276.49	H	-64.69	14.12	-50.57	-47	-3.57	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
73.90	H	-84.91	8.07	-76.84	-57	-19.84	PASS
153.66	H	-76.00	7.62	-68.38	-57	-11.38	PASS
306.27	H	-77.48	5.62	-71.86	-57	-14.86	PASS
807.93	H	-87.42	8.80	-78.62	-57	-21.62	PASS
33.34	V	-79.84	2.77	-77.07	-57	-20.07	PASS
108.36	V	-73.50	7.04	-66.46	-57	-9.46	PASS
425.49	V	-75.69	5.42	-70.27	-57	-13.27	PASS
842.99	V	-69.97	4.44	-65.53	-57	-8.53	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1681.95	V	-79.08	8.92	-70.16	-47	-23.16	PASS
2142.35	V	-67.30	14.79	-52.51	-47	-5.51	PASS
3801.07	V	-78.09	11.97	-66.12	-47	-19.12	PASS
8872.92	V	-72.26	14.58	-57.68	-47	-10.68	PASS
1518.74	H	-79.41	11.13	-68.28	-47	-21.28	PASS
2203.48	H	-69.53	8.20	-61.33	-47	-14.33	PASS
3601.14	H	-79.88	11.93	-67.95	-47	-20.95	PASS
5415.15	H	-71.21	14.12	-57.09	-47	-10.09	PASS

Remark:

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

Note: The test band 1 for 5M and 20M have tested, the worst case is 20M, and the data have record.

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
31.75	H	-79.78	8.07	-71.71	-57	-14.71	PASS
104.19	H	-71.27	7.62	-63.65	-57	-6.65	PASS
486.93	H	-79.30	5.62	-73.68	-57	-16.68	PASS
671.54	H	-80.27	8.80	-71.47	-57	-14.47	PASS
39.86	V	-86.94	2.77	-84.17	-57	-27.17	PASS
192.65	V	-73.57	7.04	-66.53	-57	-9.53	PASS
468.62	V	-73.69	5.42	-68.27	-57	-11.27	PASS
846.85	V	-70.84	4.44	-66.40	-57	-9.40	PASS

Remark:

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

Band 3 CH L 20M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1086.01	V	-76.52	8.92	-67.60	-47	-20.60	PASS
2379.45	V	-65.12	14.79	-50.33	-47	-3.33	PASS
3853.81	V	-78.98	11.97	-67.01	-47	-20.01	PASS
4479.19	V	-71.69	14.58	-57.11	-47	-10.11	PASS
1101.22	H	-68.46	11.13	-57.33	-47	-10.33	PASS
2267.54	H	-78.90	8.20	-70.70	-47	-23.70	PASS
3778.26	H	-67.13	11.93	-55.20	-47	-8.20	PASS
6216.59	H	-78.71	14.12	-64.59	-47	-17.59	PASS

Remark:

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



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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
67.79	H	-83.88	8.07	-75.81	-57	-18.81	PASS
149.40	H	-89.27	7.62	-81.65	-57	-24.65	PASS
451.88	H	-78.40	5.62	-72.78	-57	-15.78	PASS
759.59	H	-83.55	8.80	-74.75	-57	-17.75	PASS
73.09	V	-79.85	2.77	-77.08	-57	-20.08	PASS
154.13	V	-80.46	7.04	-73.42	-57	-16.42	PASS
443.34	V	-76.61	5.42	-71.19	-57	-14.19	PASS
644.88	V	-70.57	4.44	-66.13	-57	-9.13	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1690.74	V	-72.48	8.92	-63.56	-47	-16.56	PASS
2775.69	V	-79.80	14.79	-65.01	-47	-18.01	PASS
3383.84	V	-71.84	11.97	-59.87	-47	-12.87	PASS
7097.16	V	-69.88	14.58	-55.30	-47	-8.30	PASS
1887.28	H	-77.42	11.13	-66.29	-47	-19.29	PASS
2174.62	H	-66.84	8.20	-58.64	-47	-11.64	PASS
3163.71	H	-70.63	11.93	-58.70	-47	-11.70	PASS
11027.83	H	-68.16	14.12	-54.04	-47	-7.04	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
60.70	H	-80.78	8.07	-72.71	-57	-15.71	PASS
172.22	H	-82.75	7.62	-75.13	-57	-18.13	PASS
594.40	H	-88.46	5.62	-82.84	-57	-25.84	PASS
702.87	H	-72.60	8.80	-63.80	-57	-6.80	PASS
35.98	V	-89.14	2.77	-86.37	-57	-29.37	PASS
159.36	V	-84.06	7.04	-77.02	-57	-20.02	PASS
477.54	V	-86.81	5.42	-81.39	-57	-24.39	PASS
756.11	V	-74.98	4.44	-70.54	-57	-13.54	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1294.70	V	-73.52	8.92	-64.60	-47	-17.60	PASS
2896.45	V	-71.52	14.79	-56.73	-47	-9.73	PASS
3438.62	V	-71.39	11.97	-59.42	-47	-12.42	PASS
4192.88	V	-74.08	14.58	-59.50	-47	-12.50	PASS
1957.50	H	-79.38	11.13	-68.25	-47	-21.25	PASS
2224.64	H	-64.55	8.20	-56.35	-47	-9.35	PASS
3127.57	H	-74.81	11.93	-62.88	-47	-15.88	PASS
4469.82	H	-68.80	14.12	-54.68	-47	-7.68	PASS

Remark:

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

Note: The test band 3 for 1.4M, 5M and 20M have tested, the worst case is 20M, and the data have record.

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
57.91	H	-75.51	8.07	-67.44	-57	-10.44	PASS
112.62	H	-77.37	7.62	-69.75	-57	-12.75	PASS
445.70	H	-70.50	5.62	-64.88	-57	-7.88	PASS
776.12	H	-78.77	8.80	-69.97	-57	-12.97	PASS
90.22	V	-77.41	2.77	-74.64	-57	-17.64	PASS
148.23	V	-74.78	7.04	-67.74	-57	-10.74	PASS
301.05	V	-78.76	5.42	-73.34	-57	-16.34	PASS
807.30	V	-76.23	4.44	-71.79	-57	-14.79	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1964.11	V	-64.94	8.92	-56.02	-47	-9.02	PASS
2310.06	V	-66.65	14.79	-51.86	-47	-4.86	PASS
3664.03	V	-66.58	11.97	-54.61	-47	-7.61	PASS
10361.54	V	-68.86	14.58	-54.28	-47	-7.28	PASS
1297.54	H	-64.86	11.13	-53.73	-47	-6.73	PASS
2378.30	H	-67.18	8.20	-58.98	-47	-11.98	PASS
3384.01	H	-68.94	11.93	-57.01	-47	-10.01	PASS
11808.13	H	-66.23	14.12	-52.11	-47	-5.11	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
50.11	H	-79.79	8.07	-71.72	-57	-14.72	PASS
155.49	H	-76.28	7.62	-68.66	-57	-11.66	PASS
509.55	H	-69.16	5.62	-63.54	-57	-6.54	PASS
611.81	H	-70.58	8.80	-61.78	-57	-4.78	PASS
83.02	V	-75.95	2.77	-73.18	-57	-16.18	PASS
107.82	V	-69.71	7.04	-62.67	-57	-5.67	PASS
390.78	V	-72.87	5.42	-67.45	-57	-10.45	PASS
789.73	V	-70.18	4.44	-65.74	-57	-8.74	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1390.26	V	-65.73	8.92	-56.81	-47	-9.81	PASS
2278.27	V	-67.03	14.79	-52.24	-47	-5.24	PASS
3361.49	V	-68.12	11.97	-56.15	-47	-9.15	PASS
9990.18	V	-67.90	14.58	-53.32	-47	-6.32	PASS
1683.82	H	-69.87	11.13	-58.74	-47	-11.74	PASS
2791.20	H	-68.36	8.20	-60.16	-47	-13.16	PASS
3212.01	H	-64.81	11.93	-52.88	-47	-5.88	PASS
4500.66	H	-64.32	14.12	-50.20	-47	-3.20	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
75.56	H	-75.22	8.07	-67.15	-57	-10.15	PASS
98.37	H	-69.89	7.62	-62.27	-57	-5.27	PASS
317.02	H	-73.54	5.62	-67.92	-57	-10.92	PASS
689.99	H	-78.69	8.80	-69.89	-57	-12.89	PASS
57.12	V	-79.95	2.77	-77.18	-57	-20.18	PASS
178.55	V	-73.26	7.04	-66.22	-57	-9.22	PASS
405.76	V	-75.18	5.42	-69.76	-57	-12.76	PASS
757.46	V	-74.39	4.44	-69.95	-57	-12.95	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1287.70	V	-67.59	8.92	-58.67	-47	-11.67	PASS
2475.18	V	-64.49	14.79	-49.70	-47	-2.70	PASS
3933.03	V	-65.94	11.97	-53.97	-47	-6.97	PASS
4148.11	V	-66.25	14.58	-51.67	-47	-4.67	PASS
1157.13	H	-67.86	11.13	-56.73	-47	-9.73	PASS
2207.85	H	-67.31	8.20	-59.11	-47	-12.11	PASS
3431.35	H	-68.00	11.93	-56.07	-47	-9.07	PASS
4814.84	H	-69.52	14.12	-55.40	-47	-8.40	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 10M QPSK 30M-1G**

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
49.82	H	-78.36	8.07	-70.29	-57	-13.29	PASS
179.73	H	-78.15	7.62	-70.53	-57	-13.53	PASS
311.44	H	-77.16	5.62	-71.54	-57	-14.54	PASS
845.00	H	-81.41	8.80	-72.61	-57	-15.61	PASS
88.02	V	-70.36	2.77	-67.59	-57	-10.59	PASS
140.01	V	-69.68	7.04	-62.64	-57	-5.64	PASS
533.14	V	-88.99	5.42	-83.57	-57	-26.57	PASS
887.07	V	-83.51	4.44	-79.07	-57	-22.07	PASS

Remark:

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

**Band 8 CH L 10M QPSK 1-12.75G**

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1284.94	V	-72.26	8.92	-63.34	-47	-16.34	PASS
2464.43	V	-64.34	14.79	-49.55	-47	-2.55	PASS
3610.11	V	-77.96	11.97	-65.99	-47	-18.99	PASS
6046.07	V	-78.00	14.58	-63.42	-47	-16.42	PASS
1279.91	H	-70.40	11.13	-59.27	-47	-12.27	PASS
2380.63	H	-72.42	8.20	-64.22	-47	-17.22	PASS
3997.88	H	-77.28	11.93	-65.35	-47	-18.35	PASS
5137.36	H	-69.03	14.12	-54.91	-47	-7.91	PASS

Remark:

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



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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
35.71	H	-74.31	8.07	-66.24	-57	-9.24	PASS
174.21	H	-86.99	7.62	-79.37	-57	-22.37	PASS
394.64	H	-76.45	5.62	-70.83	-57	-13.83	PASS
757.57	H	-71.68	8.80	-62.88	-57	-5.88	PASS
52.90	V	-69.15	2.77	-66.38	-57	-9.38	PASS
139.32	V	-88.44	7.04	-81.40	-57	-24.40	PASS
222.08	V	-79.00	5.42	-73.58	-57	-16.58	PASS
654.89	V	-84.03	4.44	-79.59	-57	-22.59	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1187.92	V	-67.86	8.92	-58.94	-47	-11.94	PASS
2028.93	V	-66.55	14.79	-51.76	-47	-4.76	PASS
3894.27	V	-67.60	11.97	-55.63	-47	-8.63	PASS
6729.93	V	-68.80	14.58	-54.22	-47	-7.22	PASS
1501.02	H	-73.10	11.13	-61.97	-47	-14.97	PASS
2917.79	H	-72.06	8.20	-63.86	-47	-16.86	PASS
3904.13	H	-69.48	11.93	-57.55	-47	-10.55	PASS
6174.26	H	-75.66	14.12	-61.54	-47	-14.54	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
78.36	H	-77.20	8.07	-69.13	-57	-12.13	PASS
152.63	H	-78.40	7.62	-70.78	-57	-13.78	PASS
397.67	H	-81.15	5.62	-75.53	-57	-18.53	PASS
674.55	H	-82.12	8.80	-73.32	-57	-16.32	PASS
89.79	V	-84.05	2.77	-81.28	-57	-24.28	PASS
180.91	V	-82.36	7.04	-75.32	-57	-18.32	PASS
227.06	V	-89.66	5.42	-84.24	-57	-27.24	PASS
852.70	V	-77.93	4.44	-73.49	-57	-16.49	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1087.86	V	-78.53	8.92	-69.61	-47	-22.61	PASS
2336.84	V	-76.21	14.79	-61.42	-47	-14.42	PASS
3296.25	V	-73.10	11.97	-61.13	-47	-14.13	PASS
11555.08	V	-65.61	14.58	-51.03	-47	-4.03	PASS
1727.66	H	-75.97	11.13	-64.84	-47	-17.84	PASS
2211.62	H	-78.42	8.20	-70.22	-47	-23.22	PASS
3920.37	H	-69.05	11.93	-57.12	-47	-10.12	PASS
8091.79	H	-75.37	14.12	-61.25	-47	-14.25	PASS

Remark:

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

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
61.48	H	-72.29	8.07	-64.22	-57	-7.22	PASS
123.32	H	-81.96	7.62	-74.34	-57	-17.34	PASS
580.30	H	-78.95	5.62	-73.33	-57	-16.33	PASS
855.72	H	-79.16	8.80	-70.36	-57	-13.36	PASS
73.16	V	-87.91	2.77	-85.14	-57	-28.14	PASS
123.72	V	-70.10	7.04	-63.06	-57	-6.06	PASS
424.52	V	-73.45	5.42	-68.03	-57	-11.03	PASS
758.88	V	-72.23	4.44	-67.79	-57	-10.79	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1960.57	V	-75.60	8.92	-66.68	-47	-19.68	PASS
2050.01	V	-71.38	14.79	-56.59	-47	-9.59	PASS
3109.77	V	-69.29	11.97	-57.32	-47	-10.32	PASS
4804.09	V	-64.64	14.58	-50.06	-47	-3.06	PASS
1125.08	H	-64.56	11.13	-53.43	-47	-6.43	PASS
2495.63	H	-75.45	8.20	-67.25	-47	-20.25	PASS
3059.76	H	-67.54	11.93	-55.61	-47	-8.61	PASS
6742.07	H	-71.95	14.12	-57.83	-47	-10.83	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
58.07	H	-81.92	8.07	-73.85	-57	-16.85	PASS
149.28	H	-79.90	7.62	-72.28	-57	-15.28	PASS
468.03	H	-86.42	5.62	-80.80	-57	-23.80	PASS
835.12	H	-89.90	8.80	-81.10	-57	-24.10	PASS
71.80	V	-73.30	2.77	-70.53	-57	-13.53	PASS
173.75	V	-75.93	7.04	-68.89	-57	-11.89	PASS
455.65	V	-73.01	5.42	-67.59	-57	-10.59	PASS
877.22	V	-88.96	4.44	-84.52	-57	-27.52	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1522.11	V	-70.30	8.92	-61.38	-47	-14.38	PASS
2797.50	V	-78.00	14.79	-63.21	-47	-16.21	PASS
3634.58	V	-75.01	11.97	-63.04	-47	-16.04	PASS
8788.08	V	-65.80	14.58	-51.22	-47	-4.22	PASS
1213.91	H	-70.21	11.13	-59.08	-47	-12.08	PASS
2858.09	H	-68.87	8.20	-60.67	-47	-13.67	PASS
3037.69	H	-79.86	11.93	-67.93	-47	-20.93	PASS
10788.66	H	-66.02	14.12	-51.90	-47	-4.90	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
30.13	H	-71.85	8.07	-63.78	-57	-6.78	PASS
173.37	H	-70.15	7.62	-62.53	-57	-5.53	PASS
408.90	H	-76.76	5.62	-71.14	-57	-14.14	PASS
703.83	H	-70.24	8.80	-61.44	-57	-4.44	PASS
43.13	V	-69.20	2.77	-66.43	-57	-9.43	PASS
161.86	V	-85.75	7.04	-78.71	-57	-21.71	PASS
383.03	V	-82.87	5.42	-77.45	-57	-20.45	PASS
840.16	V	-69.51	4.44	-65.07	-57	-8.07	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1825.62	V	-71.04	8.92	-62.12	-47	-15.12	PASS
2393.61	V	-70.41	14.79	-55.62	-47	-8.62	PASS
3762.85	V	-69.27	11.97	-57.30	-47	-10.30	PASS
11675.20	V	-65.97	14.58	-51.39	-47	-4.39	PASS
1275.55	H	-73.85	11.13	-62.72	-47	-15.72	PASS
2856.85	H	-70.38	8.20	-62.18	-47	-15.18	PASS
3204.39	H	-77.85	11.93	-65.92	-47	-18.92	PASS
9242.76	H	-77.33	14.12	-63.21	-47	-16.21	PASS

Remark:

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

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
90.56	H	-72.60	8.07	-64.53	-57	-7.53	PASS
101.75	H	-84.94	7.62	-77.32	-57	-20.32	PASS
419.48	H	-84.94	5.62	-79.32	-57	-22.32	PASS
739.81	H	-75.07	8.80	-66.27	-57	-9.27	PASS
68.66	V	-74.27	2.77	-71.50	-57	-14.50	PASS
132.87	V	-84.76	7.04	-77.72	-57	-20.72	PASS
367.55	V	-83.14	5.42	-77.72	-57	-20.72	PASS
874.37	V	-71.15	4.44	-66.71	-57	-9.71	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1477.22	V	-70.78	8.92	-61.86	-47	-14.86	PASS
2892.22	V	-65.90	14.79	-51.11	-47	-4.11	PASS
3201.67	V	-75.50	11.97	-63.53	-47	-16.53	PASS
8154.65	V	-65.99	14.58	-51.41	-47	-4.41	PASS
1326.25	H	-72.78	11.13	-61.65	-47	-14.65	PASS
2377.25	H	-66.50	8.20	-58.30	-47	-11.30	PASS
3433.96	H	-77.77	11.93	-65.84	-47	-18.84	PASS
8872.09	H	-67.03	14.12	-52.91	-47	-5.91	PASS

Remark:

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



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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
43.61	H	-85.33	8.07	-77.26	-57	-20.26	PASS
158.82	H	-87.56	7.62	-79.94	-57	-22.94	PASS
440.20	H	-84.23	5.62	-78.61	-57	-21.61	PASS
601.31	H	-87.22	8.80	-78.42	-57	-21.42	PASS
52.76	V	-83.54	2.77	-80.77	-57	-23.77	PASS
129.60	V	-74.49	7.04	-67.45	-57	-10.45	PASS
345.74	V	-79.97	5.42	-74.55	-57	-17.55	PASS
894.17	V	-80.19	4.44	-75.75	-57	-18.75	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1891.59	V	-70.08	8.92	-61.16	-47	-14.16	PASS
2150.78	V	-66.56	14.79	-51.77	-47	-4.77	PASS
3685.54	V	-75.12	11.97	-63.15	-47	-16.15	PASS
10287.99	V	-73.60	14.58	-59.02	-47	-12.02	PASS
1179.16	H	-75.15	11.13	-64.02	-47	-17.02	PASS
2068.98	H	-75.40	8.20	-67.20	-47	-20.20	PASS
3139.03	H	-71.71	11.93	-59.78	-47	-12.78	PASS
11773.21	H	-79.77	14.12	-65.65	-47	-18.65	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
80.06	H	-70.09	8.07	-62.02	-57	-5.02	PASS
92.73	H	-82.53	7.62	-74.91	-57	-17.91	PASS
269.26	H	-77.78	5.62	-72.16	-57	-15.16	PASS
709.84	H	-88.61	8.80	-79.81	-57	-22.81	PASS
90.39	V	-72.36	2.77	-69.59	-57	-12.59	PASS
168.07	V	-89.45	7.04	-82.41	-57	-25.41	PASS
252.92	V	-73.63	5.42	-68.21	-57	-11.21	PASS
664.00	V	-79.34	4.44	-74.90	-57	-17.90	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1287.96	V	-76.94	8.92	-68.02	-47	-21.02	PASS
2986.18	V	-64.58	14.79	-49.79	-47	-2.79	PASS
3869.40	V	-68.10	11.97	-56.13	-47	-9.13	PASS
9182.58	V	-64.84	14.58	-50.26	-47	-3.26	PASS
1572.79	H	-77.77	11.13	-66.64	-47	-19.64	PASS
2060.91	H	-78.85	8.20	-70.65	-47	-23.65	PASS
3017.25	H	-77.61	11.93	-65.68	-47	-18.68	PASS
8587.09	H	-67.31	14.12	-53.19	-47	-6.19	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	-47.9	-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.



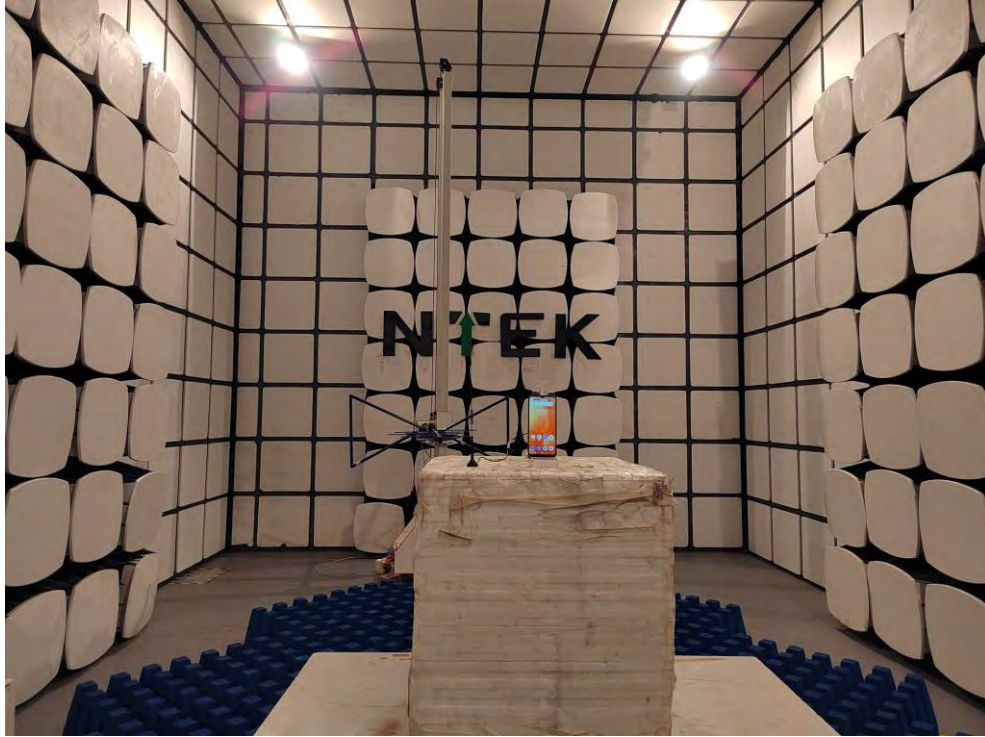
## **CONDUCTED TEST DATA**

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



## **PHOTOGRAPHS OF THE TEST SETUP**

**Radiated Spurious Emission Test**



END OF REPORT