



# **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 :** A50

**Family Model :** N/A

**Report No. :** STR211102001008E

### **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.  
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**TEST RESULT CERTIFICATION**

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

**Product description**

**Product name** ..... : Mobile Phone  
**Trademark** ..... : Blackview  
**Model Name** ..... : A50  
**Family Model** ..... : N/A

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

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

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**Date of Test** .....  
**Date (s) of performance of tests** ..... Nov 02. 2021 ~ Nov 27. 2021  
**Date of Issue** ..... Nov 27. 2021  
**Test Result** ..... **Pass**

**Testing Engineer** : Mukzi Lee  
 (Mukzi Lee)

**Authorized Signatory** : Alex  
 (Alex Li)





### 1.SUMMARY OF TEST RESULTS

Leading Reference Documents For Testing:

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

Specific Reference Documents For Testing:

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

## 1.1 TEST FACILITY

Shenzhen NTEK Testing Technology Co., Ltd.

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

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

CNAS Registration No.:L5516

## 1.2 MEASUREMENT UNCERTAINTY

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

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

## 2.GENERAL INFORMATION

### 2.1 GENERAL DESCRIPTION OF EUT

Equipment	Mobile Phone
Trade Mark	Blackview
Model Name	A50
Family Model:	N/A
Model Difference:	N/A
Frequency Bands:	E-UTRA FDD I, III, VII, VIII, XX, E-UTRA TDD XL
Frequency Bands:	FDD Band I: Uplink: 1920 MHz to 1980MHz Downlink: 2110 MHz to 2170 MHz FDD Band III: Uplink:1710 MHz to 1785 MHz Downlink: 1805 MHz to 1880 MHz FDD Band VII: Uplink: 2500 MHz to 2570 MHz Downlink: 2620 MHz to 2690 MHz FDD Band VIII: Uplink: 880MHz to 915 MHz Downlink: 925 MHz to 960 MHz FDD Band XX: Uplink: 832 MHz to 862 MHz Downlink: 791 MHz to 821 MHz TDD Band XL: Uplink & Downlink: 2300 MHz to 2400 MHz
Power Class:	E-UTRA :3
SIM CARD :	SIM 1 and SIM 2 is a chipset unit and tested as a single chipset. The SIM 1 is chosen for test.
Modulation Mode:	QPSK, 16QAM
Adapter	Model: HJ-0501000N2-EU Input: AC 100-240V~50/60Hz 0.15A Output: DC 5.0V 1.0A 5.0W
Battery	DC 3.87V, 4280mAh, 16.563Wh
Rating	DC 3.87V from battery or DC 5V from Adapter.
Antenna:	PIFA Antenna
Antenna Gain:	Band 1: 0.72dBi; Band 3: 0.31dBi; Band 7: 0.64dBi Band 8: -1.1dBi; Band 20: -1.3dBi; Band 40: 0.6dBi
Hardware Version	S654_V1
Software Version	A50_EEA_S654_V1.0

**2.2 LIST OF TEST EQUIPMENTS**

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Spectrum Analyzer	Agilent	E4407B	MY45108040	2021.04.27	2022.04.26	1 year
2	Test Receiver	R&S	ESPI7	101318	2021.04.27	2022.04.26	1 year
3	Bilog Antenna	TESEQ	CBL6111D	31216	2021.03.29	2022.03.28	1 year
4	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2020.05.11	2023.05.10	3 year
5	Spectrum Analyzer	Agilent	N9020A	MY46471732	2021.04.27	2022.04.26	1 year
6	Horn Antenna	EM	EM-AH-20180	2011071402	2021.03.29	2022.03.28	1 year
7	Horn Ant	Schwarzbeck	BBHA 9170	9170-181	2020.11.20 2021.11.07	2021.11.19 2022.11.06	1 year
8	Amplifier	EMC	EMC051835S E	980246	2021.07.01	2022.06.30	1 year
9	Loop Antenna	ARA	PLA-2030/B	1029	2021.04.27	2022.04.26	1 year
10	Temperature & Humidity Chamber	GIANT FORCE	GTH-056P	GF-94454-1	2021.07.01	2022.06.30	1 year
11	LTE Wireless Communications Test Set	R&S	CMW500	1100.008.02	2021.03.29	2022.03.28	1 year
12	Power Splitter	Mini-Circuits	ZN2PD-63-S+	SF025101428	2020.04..07	2023.04.06	3 year
13	Wireless Communication Test	Anritsu	MT8821C	6262192315	2020.11.20 2021.11.07	2021.11.19 2022.11.06	1 year
14	Power Meter	DARE	RPR3006W	15I00041SNO8 4	2021.07.01	2022.06.30	1 year
15	ESG VETCTOR SIGNAL GENERAROR	Agilent	E4438C	MY45093347	2021.04.27	2022.04.26	1 year
16	Spectrum Analyzer	R&S	FSV40	101417	2021.07.01	2022.06.30	1 year



**2.3 TEST ENVIRONMENT/CONDITIONS**

Normal Temperature (NT):	15 ... 35 °C		
Relative Humidity:	30 ... 75 %		
Air Pressure:	980 ... 1020 hPa		
Details of Power Supply:	DC 3.85V		
Extreme Temperature:	Low Temperature (LT)	=	-10°C
	High Temperature (HT)	=	35°C
Extreme Voltage of the EUT (Declared by manufacturer):	Normal Voltage (NV)	=	DC 3.87V
	Low Voltage (LV)	=	DC 3.4V
	High Voltage (HV)	=	DC 4.2V

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

**2.4 TEST MODE**

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

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

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

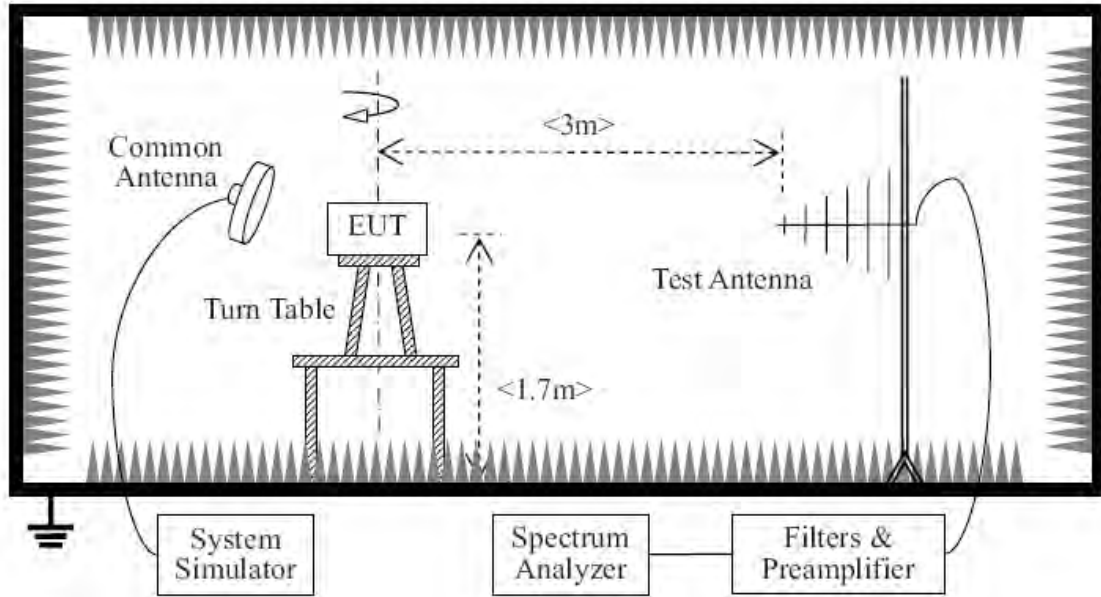
Table 2

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

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

**2.5 TEST SETUP**

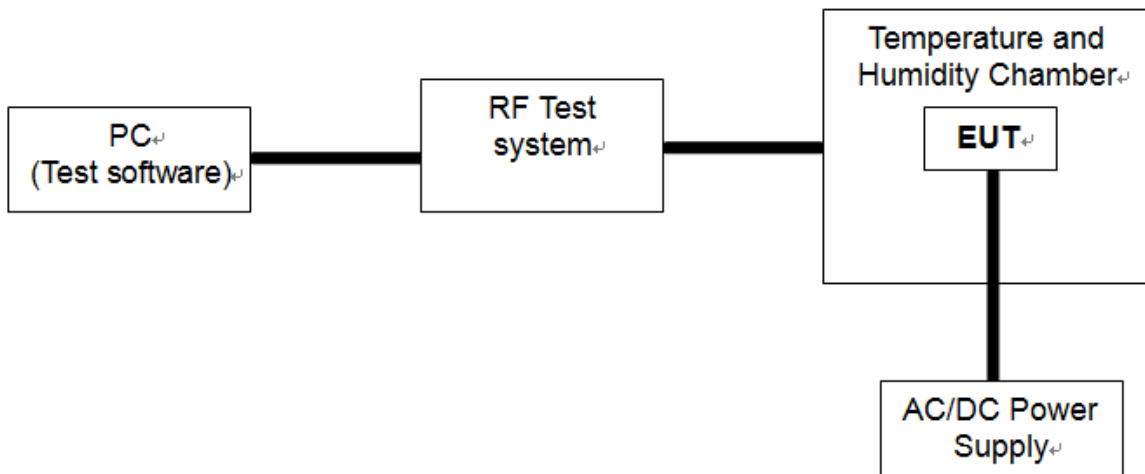
**1. Radiated Spurious Emission Test Setup**



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

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

**2. Conducted Test**



**3. SUMMARY OF THE REPORT**

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

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

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

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

**Table 2** EN Requirements Table

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

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



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

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

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

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

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

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

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
33.856	-53.80	7.45	-46.35	-36	-10.35	PASS
85.831	-54.34	1.93	-52.41	-36	-16.41	PASS
365.381	-57.05	9.76	-47.29	-36	-11.29	PASS
680.209	-55.19	5.54	-49.65	-36	-13.65	PASS

Remark:

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

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

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1112.684	-54.68	14.65	-40.03	-30	-10.03	PASS
3318.639	-61.40	10.94	-50.46	-30	-20.46	PASS
4993.547	-56.44	11.71	-44.73	-30	-14.73	PASS
8583.717	-57.24	15.02	-42.22	-30	-12.22	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)	
41.883	-53.46	6.69	-46.77	-36	-10.77	PASS
93.701	-53.49	1.47	-52.02	-36	-16.02	PASS
254.765	-51.57	5.81	-45.76	-36	-9.76	PASS
561.810	-52.21	8.58	-43.63	-36	-7.63	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)	
1301.041	-53.44	16.86	-36.58	-30	-6.58	PASS
2878.031	-59.12	11.29	-47.83	-30	-17.83	PASS
4578.112	-56.00	11.18	-44.82	-30	-14.82	PASS
9023.425	-56.24	17.70	-38.54	-30	-8.54	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)	
45.202	-57.29	8.61	-48.68	-36	-12.68	PASS
77.745	-59.48	5.81	-53.67	-36	-17.67	PASS
397.601	-55.49	6.99	-48.50	-36	-12.50	PASS
647.160	-57.89	3.13	-54.76	-36	-18.76	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)	
1129.872	-55.13	11.45	-43.68	-30	-13.68	PASS
2988.430	-54.31	15.83	-38.48	-30	-8.48	PASS
5578.450	-61.71	12.14	-49.57	-30	-19.57	PASS
8497.853	-61.44	11.67	-49.77	-30	-19.77	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)	
38.102	-58.39	8.59	-49.80	-36	-13.80	PASS
93.411	-56.62	9.91	-46.71	-36	-10.71	PASS
254.859	-59.72	9.17	-50.55	-36	-14.55	PASS
571.364	-56.33	3.47	-52.86	-36	-16.86	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)	
1563.804	-57.73	12.32	-45.41	-30	-15.41	PASS
3527.478	-56.98	16.86	-40.12	-30	-10.12	PASS
4382.244	-58.49	17.96	-40.53	-30	-10.53	PASS
8397.571	-61.37	12.27	-49.10	-30	-19.10	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)	
38.497	-50.80	8.39	-42.41	-36	-6.41	PASS
71.914	-57.59	8.06	-49.53	-36	-13.53	PASS
306.858	-54.94	2.88	-52.06	-36	-16.06	PASS
568.305	-52.44	4.50	-47.94	-36	-11.94	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)	
1605.331	-58.68	14.13	-44.55	-30	-14.55	PASS
4003.257	-62.74	14.58	-48.16	-30	-18.16	PASS
4962.765	-55.76	14.38	-41.38	-30	-11.38	PASS
8271.525	-57.76	10.03	-47.73	-30	-17.73	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)	
37.262	-57.07	9.42	-47.65	-36	-11.65	PASS
79.306	-50.53	5.60	-44.93	-36	-8.93	PASS
110.759	-55.59	8.40	-47.19	-36	-11.19	PASS
674.066	-59.42	7.28	-52.14	-36	-16.14	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)	
1178.130	-55.34	15.89	-39.45	-30	-9.45	PASS
2295.222	-53.54	17.61	-35.93	-30	-5.93	PASS
4388.502	-55.61	15.68	-39.93	-30	-9.93	PASS
7070.129	-60.97	17.64	-43.33	-30	-13.33	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)	
44.215	-54.16	4.16	-50.00	-36	-14.00	PASS
52.503	-52.61	5.95	-46.66	-36	-10.66	PASS
306.961	-55.19	9.37	-45.82	-36	-9.82	PASS
599.408	-51.76	4.63	-47.13	-36	-11.13	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)	
1315.392	-60.54	16.69	-43.85	-30	-13.85	PASS
2761.695	-58.91	12.04	-46.87	-30	-16.87	PASS
4386.787	-57.11	18.83	-38.28	-30	-8.28	PASS
6715.531	-56.28	12.05	-44.23	-30	-14.23	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)	
47.955	-55.03	3.88	-51.15	-36	-15.15	PASS
76.675	-53.78	2.04	-51.74	-36	-15.74	PASS
145.102	-56.20	6.34	-49.86	-36	-13.86	PASS
625.268	-54.03	5.41	-48.62	-36	-12.62	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)	
1239.147	-56.18	18.84	-37.34	-30	-7.34	PASS
4012.099	-56.51	16.01	-40.50	-30	-10.50	PASS
5831.816	-53.18	16.19	-36.99	-30	-6.99	PASS
8368.255	-59.19	15.70	-43.49	-30	-13.49	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)	
46.491	-58.50	6.00	-52.50	-36	-16.50	PASS
91.694	-58.42	2.63	-55.79	-36	-19.79	PASS
288.728	-59.45	7.32	-52.13	-36	-16.13	PASS
587.706	-57.50	8.27	-49.23	-36	-13.23	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)	
1483.807	-58.97	17.08	-41.89	-30	-11.89	PASS
3407.852	-61.44	14.17	-47.27	-30	-17.27	PASS
5727.493	-58.53	10.94	-47.59	-30	-17.59	PASS
6106.980	-55.01	15.26	-39.75	-30	-9.75	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
42.603	-50.98	6.63	-44.35	-36	-8.35	PASS
73.806	-56.47	1.99	-54.48	-36	-18.48	PASS
303.050	-58.62	9.92	-48.70	-36	-12.70	PASS
525.750	-55.53	8.37	-47.16	-36	-11.16	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)	
1172.826	-57.97	10.79	-47.18	-30	-17.18	PASS
2670.007	-58.77	18.68	-40.09	-30	-10.09	PASS
5579.572	-54.89	12.11	-42.78	-30	-12.78	PASS
6872.662	-56.36	15.37	-40.99	-30	-10.99	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
42.413	-57.23	7.61	-49.62	-36	-13.62	PASS
82.269	-56.61	6.95	-49.66	-36	-13.66	PASS
309.608	-58.58	5.68	-52.90	-36	-16.90	PASS
676.944	-54.98	9.64	-45.34	-36	-9.34	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)	
1613.983	-58.45	12.90	-45.55	-30	-15.55	PASS
2771.666	-54.86	10.21	-44.65	-30	-14.65	PASS
4262.734	-57.11	10.62	-46.49	-30	-16.49	PASS
6084.912	-60.34	12.01	-48.33	-30	-18.33	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)	
45.297	-55.08	3.24	-51.84	-36	-15.84	PASS
56.334	-51.05	4.32	-46.73	-36	-10.73	PASS
288.639	-52.97	3.12	-49.85	-36	-13.85	PASS
682.149	-55.79	6.96	-48.83	-36	-12.83	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)	
1422.120	-57.29	18.36	-38.93	-30	-8.93	PASS
3991.512	-62.14	17.20	-44.94	-30	-14.94	PASS
4138.118	-57.09	18.75	-38.34	-30	-8.34	PASS
9742.443	-57.63	13.01	-44.62	-30	-14.62	PASS

Remark:

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

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

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

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
45.369	-59.73	6.73	-53.00	-36	-17.00	PASS
71.712	-51.76	5.30	-46.46	-36	-10.46	PASS
220.334	-51.51	6.08	-45.43	-36	-9.43	PASS
554.225	-59.75	8.93	-50.82	-36	-14.82	PASS

Remark:

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

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

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1530.475	-55.22	16.95	-38.27	-30	-8.27	PASS
2756.792	-62.16	14.89	-47.27	-30	-17.27	PASS
4225.267	-55.18	10.20	-44.98	-30	-14.98	PASS
6627.218	-56.36	10.28	-46.08	-30	-16.08	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)	
41.382	-59.89	6.39	-53.50	-36	-17.50	PASS
67.853	-57.62	6.26	-51.36	-36	-15.36	PASS
238.957	-53.47	4.88	-48.59	-36	-12.59	PASS
607.976	-59.33	2.26	-57.07	-36	-21.07	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)	
1307.398	-55.75	18.14	-37.61	-30	-7.61	PASS
3884.890	-59.41	18.90	-40.51	-30	-10.51	PASS
4570.500	-60.60	12.13	-48.47	-30	-18.47	PASS
7298.312	-61.79	13.84	-47.95	-30	-17.95	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)	
40.518	-57.31	7.66	-49.65	-36	-13.65	PASS
54.375	-58.75	5.52	-53.23	-36	-17.23	PASS
101.384	-57.03	5.79	-51.24	-36	-15.24	PASS
556.491	-51.12	2.72	-48.40	-36	-12.40	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)	
1266.504	-58.68	14.76	-43.92	-30	-13.92	PASS
3566.162	-53.06	18.78	-34.28	-30	-4.28	PASS
5063.308	-62.70	11.60	-51.10	-30	-21.10	PASS
6154.009	-55.69	18.23	-37.46	-30	-7.46	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)	
44.329	-57.83	4.38	-53.45	-36	-17.45	PASS
67.305	-54.23	7.43	-46.80	-36	-10.80	PASS
320.530	-50.41	6.74	-43.67	-36	-7.67	PASS
682.223	-59.80	2.00	-57.80	-36	-21.80	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)	
1132.715	-57.73	10.79	-46.94	-30	-16.94	PASS
3126.605	-59.68	13.97	-45.71	-30	-15.71	PASS
4247.823	-61.22	16.53	-44.69	-30	-14.69	PASS
6158.327	-54.49	15.90	-38.59	-30	-8.59	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)	
44.457	-51.44	9.24	-42.20	-36	-6.20	PASS
94.746	-56.08	1.50	-54.58	-36	-18.58	PASS
336.661	-53.86	3.29	-50.57	-36	-14.57	PASS
647.386	-55.43	1.10	-54.33	-36	-18.33	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)	
1177.117	-59.28	16.41	-42.87	-30	-12.87	PASS
3030.082	-58.77	18.30	-40.47	-30	-10.47	PASS
4758.992	-60.53	17.56	-42.97	-30	-12.97	PASS
6582.385	-57.44	12.01	-45.43	-30	-15.43	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)	
40.917	-58.66	4.20	-54.46	-36	-18.46	PASS
64.705	-56.69	7.63	-49.06	-36	-13.06	PASS
296.562	-53.88	4.59	-49.29	-36	-13.29	PASS
665.403	-52.14	2.89	-49.25	-36	-13.25	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)	
1556.729	-56.57	15.54	-41.03	-30	-11.03	PASS
3984.214	-55.06	10.12	-44.94	-30	-14.94	PASS
5727.529	-56.90	15.86	-41.04	-30	-11.04	PASS
9644.141	-61.95	12.56	-49.39	-30	-19.39	PASS

Remark:

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

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

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

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
45.228	-55.15	8.14	-47.01	-36	-11.01	PASS
57.408	-57.99	1.83	-56.16	-36	-20.16	PASS
227.143	-59.34	5.73	-53.61	-36	-17.61	PASS
525.571	-54.72	9.68	-45.04	-36	-9.04	PASS

Remark:

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

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

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1403.691	-56.20	11.38	-44.82	-30	-14.82	PASS
3826.394	-62.16	14.51	-47.65	-30	-17.65	PASS
5625.811	-62.90	16.91	-45.99	-30	-15.99	PASS
7039.321	-62.94	12.27	-50.67	-30	-20.67	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)	
36.013	-55.93	3.08	-52.85	-36	-16.85	PASS
90.137	-50.68	3.40	-47.28	-36	-11.28	PASS
356.848	-50.05	7.78	-42.27	-36	-6.27	PASS
585.026	-54.17	9.41	-44.76	-36	-8.76	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)	
1346.127	-53.00	13.28	-39.72	-30	-9.72	PASS
3808.907	-58.37	10.43	-47.94	-30	-17.94	PASS
4530.749	-60.18	11.41	-48.77	-30	-18.77	PASS
7291.776	-53.37	12.81	-40.56	-30	-10.56	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)	
47.054	-53.64	7.48	-46.16	-36	-10.16	PASS
92.888	-52.48	6.45	-46.03	-36	-10.03	PASS
340.212	-53.35	1.03	-52.32	-36	-16.32	PASS
638.164	-59.54	9.53	-50.01	-36	-14.01	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)	
1648.777	-53.87	10.36	-43.51	-30	-13.51	PASS
3303.282	-61.07	14.37	-46.70	-30	-16.70	PASS
5087.135	-60.51	10.93	-49.58	-30	-19.58	PASS
8268.409	-54.37	14.14	-40.23	-30	-10.23	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)	
43.333	-53.11	9.89	-43.22	-36	-7.22	PASS
83.368	-53.40	9.07	-44.33	-36	-8.33	PASS
157.044	-58.16	5.46	-52.70	-36	-16.70	PASS
584.927	-52.26	1.20	-51.06	-36	-15.06	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)	
1492.003	-55.66	15.55	-40.11	-30	-10.11	PASS
3279.610	-54.17	10.29	-43.88	-30	-13.88	PASS
5495.101	-55.13	10.08	-45.05	-30	-15.05	PASS
6367.402	-55.94	17.36	-38.58	-30	-8.58	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)	
47.775	-59.80	3.95	-55.85	-36	-19.85	PASS
67.198	-52.44	1.20	-51.24	-36	-15.24	PASS
312.957	-50.31	5.05	-45.26	-36	-9.26	PASS
612.198	-57.58	2.71	-54.87	-36	-18.87	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)	
1471.776	-57.79	16.30	-41.49	-30	-11.49	PASS
3133.546	-55.00	13.48	-41.52	-30	-11.52	PASS
4135.268	-53.96	14.16	-39.80	-30	-9.80	PASS
9287.218	-57.10	11.25	-45.85	-30	-15.85	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)	
37.237	-55.66	5.56	-50.10	-36	-14.10	PASS
74.385	-58.77	7.92	-50.85	-36	-14.85	PASS
360.556	-54.69	6.97	-47.72	-36	-11.72	PASS
540.414	-54.84	5.49	-49.35	-36	-13.35	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)	
1510.247	-62.66	18.98	-43.68	-30	-13.68	PASS
4176.432	-55.04	11.80	-43.24	-30	-13.24	PASS
5924.263	-56.18	18.25	-37.93	-30	-7.93	PASS
8214.096	-55.55	10.91	-44.64	-30	-14.64	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)	
36.471	-52.68	6.79	-45.89	-36	-9.89	PASS
89.350	-59.18	5.75	-53.43	-36	-17.43	PASS
180.685	-53.86	7.08	-46.78	-36	-10.78	PASS
655.601	-54.75	7.85	-46.90	-36	-10.90	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)	
1558.011	-55.65	11.66	-43.99	-30	-13.99	PASS
3897.852	-55.63	14.77	-40.86	-30	-10.86	PASS
5769.815	-60.14	14.35	-45.79	-30	-15.79	PASS
6846.145	-61.98	11.97	-50.01	-30	-20.01	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)	
43.972	-58.78	8.69	-50.09	-36	-14.09	PASS
89.749	-50.74	7.56	-43.18	-36	-7.18	PASS
201.462	-58.28	3.73	-54.55	-36	-18.55	PASS
549.041	-53.39	3.43	-49.96	-36	-13.96	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)	
1122.033	-57.65	12.11	-45.54	-30	-15.54	PASS
2984.128	-62.85	16.42	-46.43	-30	-16.43	PASS
5118.540	-58.69	18.42	-40.27	-30	-10.27	PASS
6926.852	-58.15	10.20	-47.95	-30	-17.95	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)	
42.582	-50.31	1.18	-49.13	-36	-13.13	PASS
80.118	-58.76	9.59	-49.17	-36	-13.17	PASS
371.375	-55.80	3.23	-52.57	-36	-16.57	PASS
555.155	-55.49	8.88	-46.61	-36	-10.61	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)	
1372.593	-53.86	18.51	-35.35	-30	-5.35	PASS
2982.228	-57.20	11.56	-45.64	-30	-15.64	PASS
5635.244	-55.51	15.95	-39.56	-30	-9.56	PASS
8406.974	-53.08	10.47	-42.61	-30	-12.61	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)	
41.799	-58.08	1.90	-56.18	-36	-20.18	PASS
83.897	-50.31	4.09	-46.22	-36	-10.22	PASS
343.139	-53.15	1.64	-51.51	-36	-15.51	PASS
666.566	-57.49	8.02	-49.47	-36	-13.47	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)	
1194.903	-61.50	12.64	-48.86	-30	-18.86	PASS
3567.338	-62.30	11.20	-51.10	-30	-21.10	PASS
4614.497	-53.84	13.02	-40.82	-30	-10.82	PASS
8978.726	-54.37	14.46	-39.91	-30	-9.91	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)	
45.162	-55.00	8.54	-46.46	-36	-10.46	PASS
95.350	-55.58	4.84	-50.74	-36	-14.74	PASS
182.086	-58.84	2.11	-56.73	-36	-20.73	PASS
538.089	-53.34	4.83	-48.51	-36	-12.51	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)	
1362.296	-62.57	16.36	-46.21	-30	-16.21	PASS
3992.240	-60.76	10.61	-50.15	-30	-20.15	PASS
5337.663	-55.41	17.32	-38.09	-30	-8.09	PASS
8036.169	-60.85	12.83	-48.02	-30	-18.02	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)	
39.022	-55.01	5.32	-49.69	-36	-13.69	PASS
67.415	-58.89	8.19	-50.70	-36	-14.70	PASS
227.579	-53.50	7.93	-45.57	-36	-9.57	PASS
570.086	-50.24	4.39	-45.85	-36	-9.85	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)	
1213.431	-53.49	12.11	-41.38	-30	-11.38	PASS
3007.107	-54.68	13.90	-40.78	-30	-10.78	PASS
5705.972	-61.11	12.81	-48.30	-30	-18.30	PASS
6894.276	-54.92	14.16	-40.76	-30	-10.76	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)	
40.022	-58.92	1.47	-57.45	-36	-21.45	PASS
95.813	-55.66	6.60	-49.06	-36	-13.06	PASS
196.346	-50.45	8.98	-41.47	-36	-5.47	PASS
543.367	-57.09	5.37	-51.72	-36	-15.72	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)	
1203.434	-54.63	17.37	-37.26	-30	-7.26	PASS
3688.217	-54.00	10.73	-43.27	-30	-13.27	PASS
5366.846	-61.35	10.95	-50.40	-30	-20.40	PASS
9164.772	-61.05	13.06	-47.99	-30	-17.99	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)	
44.487	-57.23	9.23	-48.00	-36	-12.00	PASS
64.992	-54.34	3.13	-51.21	-36	-15.21	PASS
124.702	-56.48	3.72	-52.76	-36	-16.76	PASS
558.461	-59.61	8.63	-50.98	-36	-14.98	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)	
1583.101	-57.34	16.22	-41.12	-30	-11.12	PASS
2778.836	-57.79	12.18	-45.61	-30	-15.61	PASS
5363.182	-60.85	15.25	-45.60	-30	-15.60	PASS
7177.110	-62.10	12.87	-49.23	-30	-19.23	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
35.637	-58.50	4.51	-53.99	-36	-17.99	PASS
54.182	-54.19	2.96	-51.23	-36	-15.23	PASS
395.277	-52.85	8.61	-44.24	-36	-8.24	PASS
637.108	-52.82	5.09	-47.73	-36	-11.73	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)	
1439.118	-56.46	12.49	-43.97	-30	-13.97	PASS
3442.520	-62.33	15.80	-46.53	-30	-16.53	PASS
5857.160	-57.72	17.44	-40.28	-30	-10.28	PASS
8905.315	-53.66	14.89	-38.77	-30	-8.77	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
35.859	-51.34	8.11	-43.23	-36	-7.23	PASS
78.124	-58.07	4.68	-53.39	-36	-17.39	PASS
140.356	-50.17	4.11	-46.06	-36	-10.06	PASS
651.372	-57.87	5.28	-52.59	-36	-16.59	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1549.637	-58.66	11.17	-47.49	-30	-17.49	PASS
2956.712	-54.87	14.52	-40.35	-30	-10.35	PASS
4962.710	-56.89	17.81	-39.08	-30	-9.08	PASS
6049.831	-59.45	14.86	-44.59	-30	-14.59	PASS

Remark:

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

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
40.612	-55.56	2.40	-53.16	-36	-17.16	PASS
76.861	-56.96	4.48	-52.48	-36	-16.48	PASS
294.995	-58.58	1.24	-57.34	-36	-21.34	PASS
604.711	-56.26	8.41	-47.85	-36	-11.85	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)	
1636.542	-60.95	10.50	-50.45	-30	-20.45	PASS
2840.023	-58.27	15.20	-43.07	-30	-13.07	PASS
5290.204	-57.76	18.24	-39.52	-30	-9.52	PASS
9751.981	-59.25	12.82	-46.43	-30	-16.43	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)	
34.471	-52.85	7.44	-45.41	-36	-9.41	PASS
50.531	-59.00	2.55	-56.45	-36	-20.45	PASS
216.569	-50.95	1.09	-49.86	-36	-13.86	PASS
667.517	-58.98	4.75	-54.23	-36	-18.23	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1641.063	-62.53	16.75	-45.78	-30	-15.78	PASS
3611.948	-54.98	14.29	-40.69	-30	-10.69	PASS
4887.261	-61.81	16.52	-45.29	-30	-15.29	PASS
6667.035	-62.77	11.38	-51.39	-30	-21.39	PASS

Remark:

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

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
44.137	-55.29	5.65	-49.64	-36	-13.64	PASS
79.539	-51.57	1.97	-49.60	-36	-13.60	PASS
129.498	-54.89	9.97	-44.92	-36	-8.92	PASS
668.499	-55.21	6.67	-48.54	-36	-12.54	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)	
1572.994	-53.95	16.08	-37.87	-30	-7.87	PASS
2542.650	-53.74	17.30	-36.44	-30	-6.44	PASS
4067.844	-56.66	17.16	-39.50	-30	-9.50	PASS
8294.480	-61.94	15.31	-46.63	-30	-16.63	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)	
36.191	-54.21	7.94	-46.27	-36	-10.27	PASS
65.725	-53.44	9.01	-44.43	-36	-8.43	PASS
316.367	-53.14	6.62	-46.52	-36	-10.52	PASS
569.704	-54.71	4.34	-50.37	-36	-14.37	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)	
1222.960	-58.02	14.19	-43.83	-30	-13.83	PASS
3752.895	-60.08	11.17	-48.91	-30	-18.91	PASS
5713.311	-54.01	15.94	-38.07	-30	-8.07	PASS
6320.063	-55.32	11.10	-44.22	-30	-14.22	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)	
46.542	-55.95	6.34	-49.61	-36	-13.61	PASS
84.944	-53.37	4.43	-48.94	-36	-12.94	PASS
163.867	-50.22	6.55	-43.67	-36	-7.67	PASS
548.777	-50.25	4.53	-45.72	-36	-9.72	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)	
1365.231	-58.73	16.92	-41.81	-30	-11.81	PASS
2374.409	-59.77	10.50	-49.27	-30	-19.27	PASS
4159.415	-62.83	10.50	-52.33	-30	-22.33	PASS
6148.417	-55.30	15.09	-40.21	-30	-10.21	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)	
35.137	-59.52	9.86	-49.66	-36	-13.66	PASS
96.559	-51.03	7.13	-43.90	-36	-7.90	PASS
270.363	-54.58	7.71	-46.87	-36	-10.87	PASS
597.387	-53.26	1.56	-51.70	-36	-15.70	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)	
1225.129	-62.26	12.98	-49.28	-30	-19.28	PASS
3262.164	-60.77	11.93	-48.84	-30	-18.84	PASS
4889.706	-56.64	15.67	-40.97	-30	-10.97	PASS
8791.691	-55.19	16.39	-38.80	-30	-8.80	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)	
36.014	-58.19	5.69	-52.50	-36	-16.50	PASS
71.321	-50.73	5.15	-45.58	-36	-9.58	PASS
302.932	-53.75	6.30	-47.45	-36	-11.45	PASS
683.682	-57.83	9.90	-47.93	-36	-11.93	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)	
1619.468	-55.04	10.97	-44.07	-30	-14.07	PASS
3696.843	-57.23	17.43	-39.80	-30	-9.80	PASS
5607.401	-55.42	11.18	-44.24	-30	-14.24	PASS
9665.197	-58.92	18.67	-40.25	-30	-10.25	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
41.186	-50.43	9.27	-41.16	-36	-5.16	PASS
88.481	-53.06	4.67	-48.39	-36	-12.39	PASS
337.904	-56.45	5.67	-50.78	-36	-14.78	PASS
569.504	-58.08	9.65	-48.43	-36	-12.43	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)	
1188.389	-61.71	14.93	-46.78	-30	-16.78	PASS
2296.887	-56.45	11.06	-45.39	-30	-15.39	PASS
4790.044	-57.42	18.06	-39.36	-30	-9.36	PASS
7552.041	-62.05	12.32	-49.73	-30	-19.73	PASS

Remark:

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

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

Band 8 CH L 1.4M QPSK H 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
47.765	-52.04	8.32	-43.72	-36	-7.72	PASS
79.517	-53.52	3.75	-49.77	-36	-13.77	PASS
394.223	-57.89	6.84	-51.05	-36	-15.05	PASS
617.030	-57.91	4.30	-53.61	-36	-17.61	PASS

Remark:

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

Band 8 CH L 1.4M QPSK H 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1400.100	-62.12	18.27	-43.85	-30	-13.85	PASS
3056.062	-61.00	17.78	-43.22	-30	-13.22	PASS
5054.510	-53.50	12.98	-40.52	-30	-10.52	PASS
8737.823	-60.31	16.38	-43.93	-30	-13.93	PASS

Remark:

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

Band 8 CH L 1.4M QPSK V 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
45.929	-51.68	8.15	-43.53	-36	-7.53	PASS
86.646	-59.11	4.29	-54.82	-36	-18.82	PASS
260.523	-56.77	8.37	-48.40	-36	-12.40	PASS
525.565	-51.53	4.41	-47.12	-36	-11.12	PASS

Remark:

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

Band 8 CH L 1.4M QPSK V 1-12.75G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1425.462	-56.47	18.81	-37.66	-30	-7.66	PASS
3401.496	-55.92	18.32	-37.60	-30	-7.60	PASS
5762.590	-59.60	18.24	-41.36	-30	-11.36	PASS
8277.914	-55.83	18.21	-37.62	-30	-7.62	PASS

Remark:

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

Band 8 CH M 1.4M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
35.029	-51.69	7.58	-44.11	-36	-8.11	PASS
73.809	-54.88	2.61	-52.27	-36	-16.27	PASS
179.333	-59.92	9.84	-50.08	-36	-14.08	PASS
691.174	-53.05	9.07	-43.98	-36	-7.98	PASS

Remark:

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

Band 8 CH M 1.4M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1335.033	-54.15	18.58	-35.57	-30	-5.57	PASS
3398.753	-62.30	13.82	-48.48	-30	-18.48	PASS
4756.452	-62.07	10.13	-51.94	-30	-21.94	PASS
7198.231	-58.65	10.50	-48.15	-30	-18.15	PASS

Remark:

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



Band 8 CH M 1.4M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
42.927	-57.93	5.79	-52.14	-36	-16.14	PASS
59.885	-54.96	1.90	-53.06	-36	-17.06	PASS
376.187	-50.55	6.92	-43.63	-36	-7.63	PASS
571.164	-54.63	2.02	-52.61	-36	-16.61	PASS

Remark:

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

Band 8 CH M 1.4M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1191.439	-58.89	15.40	-43.49	-30	-13.49	PASS
3480.064	-61.09	13.87	-47.22	-30	-17.22	PASS
4861.762	-58.13	16.86	-41.27	-30	-11.27	PASS
7246.395	-54.63	12.49	-42.14	-30	-12.14	PASS

Remark:

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

Band 8 CH H 1.4M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
33.270	-54.17	7.25	-46.92	-36	-10.92	PASS
68.873	-50.74	7.98	-42.76	-36	-6.76	PASS
115.297	-57.92	9.22	-48.70	-36	-12.70	PASS
500.180	-52.28	1.68	-50.60	-36	-14.60	PASS

Remark:

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

Band 8 CH H 1.4M QPSK H 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1281.253	-56.45	14.39	-42.06	-30	-12.06	PASS
3939.731	-58.18	14.63	-43.55	-30	-13.55	PASS
5044.904	-55.38	12.21	-43.17	-30	-13.17	PASS
6471.519	-57.73	15.66	-42.07	-30	-12.07	PASS

Remark:

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

Band 8 CH H 1.4M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
43.055	-50.44	9.59	-40.85	-36	-4.85	PASS
91.847	-54.17	8.86	-45.31	-36	-9.31	PASS
338.602	-50.81	4.13	-46.68	-36	-10.68	PASS
570.589	-50.18	6.73	-43.45	-36	-7.45	PASS

Remark:

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

Band 8 CH H 1.4M QPSK V 1-12.75G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1458.018	-61.56	16.76	-44.80	-30	-14.80	PASS
4034.828	-56.28	12.30	-43.98	-30	-13.98	PASS
4665.752	-62.33	12.29	-50.04	-30	-20.04	PASS
7445.008	-54.59	13.96	-40.63	-30	-10.63	PASS

Remark:

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

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
45.367	-59.13	6.87	-52.26	-36	-16.26	PASS
58.821	-56.91	8.29	-48.62	-36	-12.62	PASS
364.934	-58.21	3.53	-54.68	-36	-18.68	PASS
587.780	-56.87	4.79	-52.08	-36	-16.08	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)	
1458.558	-56.75	16.73	-40.02	-30	-10.02	PASS
3805.483	-61.74	13.25	-48.49	-30	-18.49	PASS
5872.339	-57.88	15.99	-41.89	-30	-11.89	PASS
8689.764	-62.75	16.83	-45.92	-30	-15.92	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)	
43.649	-59.73	9.56	-50.17	-36	-14.17	PASS
75.164	-58.08	1.60	-56.48	-36	-20.48	PASS
372.916	-53.78	8.15	-45.63	-36	-9.63	PASS
610.869	-55.48	5.06	-50.42	-36	-14.42	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)	
1515.066	-61.78	12.85	-48.93	-30	-18.93	PASS
3545.430	-61.68	17.53	-44.15	-30	-14.15	PASS
4048.553	-54.43	15.67	-38.76	-30	-8.76	PASS
8333.784	-59.72	16.78	-42.94	-30	-12.94	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)	
38.709	-54.65	8.29	-46.36	-36	-10.36	PASS
75.210	-55.21	1.52	-53.69	-36	-17.69	PASS
141.497	-56.14	4.98	-51.16	-36	-15.16	PASS
517.584	-52.07	3.01	-49.06	-36	-13.06	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)	
1390.776	-62.79	14.19	-48.60	-30	-18.60	PASS
3091.344	-55.98	12.22	-43.76	-30	-13.76	PASS
5704.114	-59.87	16.47	-43.40	-30	-13.40	PASS
6199.866	-61.44	17.29	-44.15	-30	-14.15	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
46.091	-57.49	3.22	-54.27	-36	-18.27	PASS
69.861	-54.33	5.19	-49.14	-36	-13.14	PASS
163.176	-56.22	9.72	-46.50	-36	-10.50	PASS
601.596	-55.48	1.53	-53.95	-36	-17.95	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)	
1136.854	-59.71	15.52	-44.19	-30	-14.19	PASS
3937.202	-62.80	15.68	-47.12	-30	-17.12	PASS
4468.430	-56.26	13.56	-42.70	-30	-12.70	PASS
8485.005	-56.71	16.63	-40.08	-30	-10.08	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)	
34.982	-52.78	5.88	-46.90	-36	-10.90	PASS
78.946	-50.08	2.75	-47.33	-36	-11.33	PASS
219.852	-52.35	6.96	-45.39	-36	-9.39	PASS
560.817	-53.93	5.47	-48.46	-36	-12.46	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)	
1161.062	-62.17	11.31	-50.86	-30	-20.86	PASS
2300.719	-56.07	18.12	-37.95	-30	-7.95	PASS
4728.844	-60.99	18.58	-42.41	-30	-12.41	PASS
8067.652	-54.26	18.62	-35.64	-30	-5.64	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)	
34.014	-52.32	4.33	-47.99	-36	-11.99	PASS
52.250	-51.82	2.00	-49.82	-36	-13.82	PASS
143.658	-53.50	9.81	-43.69	-36	-7.69	PASS
683.767	-55.25	9.62	-45.63	-36	-9.63	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)	
1129.557	-62.36	17.64	-44.72	-30	-14.72	PASS
4031.279	-61.73	10.39	-51.34	-30	-21.34	PASS
4509.860	-53.54	11.56	-41.98	-30	-11.98	PASS
8480.747	-55.50	12.29	-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 8 CH H 10M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
35.386	-50.23	8.42	-41.81	-36	-5.81	PASS
98.885	-51.82	1.57	-50.25	-36	-14.25	PASS
176.818	-57.28	2.92	-54.36	-36	-18.36	PASS
677.006	-58.13	9.02	-49.11	-36	-13.11	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1291.366	-57.89	12.51	-45.38	-30	-15.38	PASS
3844.155	-60.69	12.79	-47.90	-30	-17.90	PASS
4575.407	-56.42	11.33	-45.09	-30	-15.09	PASS
8266.970	-53.75	15.91	-37.84	-30	-7.84	PASS

Remark:

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

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
33.654	-56.52	8.66	-47.86	-36	-11.86	PASS
91.677	-56.18	7.84	-48.34	-36	-12.34	PASS
188.411	-59.64	3.17	-56.47	-36	-20.47	PASS
559.144	-52.31	3.18	-49.13	-36	-13.13	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1328.973	-60.11	17.37	-42.74	-30	-12.74	PASS
2641.557	-61.51	16.71	-44.80	-30	-14.80	PASS
4295.087	-57.68	13.75	-43.93	-30	-13.93	PASS
6394.989	-53.98	10.19	-43.79	-30	-13.79	PASS

Remark:

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

Band 8 CH L 10M QPSK V 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
37.131	-55.57	5.58	-49.99	-36	-13.99	PASS
89.326	-58.04	7.54	-50.50	-36	-14.50	PASS
248.292	-50.03	5.86	-44.17	-36	-8.17	PASS
632.332	-55.49	5.81	-49.68	-36	-13.68	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1487.281	-59.77	14.85	-44.92	-30	-14.92	PASS
2596.467	-61.28	16.18	-45.10	-30	-15.10	PASS
5523.237	-53.85	17.96	-35.89	-30	-5.89	PASS
8886.022	-59.08	11.58	-47.50	-30	-17.50	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
46.139	-50.86	3.55	-47.31	-36	-11.31	PASS
51.518	-58.14	6.68	-51.46	-36	-15.46	PASS
379.036	-56.97	8.57	-48.40	-36	-12.40	PASS
630.488	-57.63	5.17	-52.46	-36	-16.46	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1299.234	-57.92	15.55	-42.37	-30	-12.37	PASS
3914.985	-56.04	13.36	-42.68	-30	-12.68	PASS
5374.005	-53.53	13.43	-40.10	-30	-10.10	PASS
7408.065	-54.14	14.22	-39.92	-30	-9.92	PASS

Remark:

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

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

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
45.134	-59.72	2.80	-56.92	-36	-20.92	PASS
52.404	-53.55	6.91	-46.64	-36	-10.64	PASS
308.716	-54.51	5.61	-48.90	-36	-12.90	PASS
559.207	-57.58	2.41	-55.17	-36	-19.17	PASS

Remark:

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

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

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1499.049	-61.57	12.60	-48.97	-30	-18.97	PASS
3781.914	-58.16	10.40	-47.76	-30	-17.76	PASS
5321.878	-61.30	14.82	-46.48	-30	-16.48	PASS
7820.102	-53.56	18.95	-34.61	-30	-4.61	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
46.751	-58.93	1.41	-57.52	-36	-21.52	PASS
52.117	-55.00	1.29	-53.71	-36	-17.71	PASS
302.154	-56.37	3.65	-52.72	-36	-16.72	PASS
553.578	-55.12	5.27	-49.85	-36	-13.85	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1537.637	-59.34	18.07	-41.27	-30	-11.27	PASS
4064.406	-61.71	18.52	-43.19	-30	-13.19	PASS
5049.198	-58.52	14.70	-43.82	-30	-13.82	PASS
7309.428	-53.07	13.72	-39.35	-30	-9.35	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)	
47.137	-51.24	3.14	-48.10	-36	-12.10	PASS
96.618	-59.50	3.69	-55.81	-36	-19.81	PASS
220.655	-59.18	5.26	-53.92	-36	-17.92	PASS
519.826	-53.24	3.75	-49.49	-36	-13.49	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)	
1333.704	-60.64	11.03	-49.61	-30	-19.61	PASS
3447.486	-53.11	13.42	-39.69	-30	-9.69	PASS
4874.763	-53.12	18.14	-34.98	-30	-4.98	PASS
9008.692	-62.92	14.30	-48.62	-30	-18.62	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)	
34.436	-52.64	1.02	-51.62	-36	-15.62	PASS
78.090	-56.55	5.10	-51.45	-36	-15.45	PASS
178.472	-57.83	6.41	-51.42	-36	-15.42	PASS
589.879	-59.95	4.70	-55.25	-36	-19.25	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)	
1313.749	-55.72	12.95	-42.77	-30	-12.77	PASS
3720.214	-53.53	17.37	-36.16	-30	-6.16	PASS
5254.071	-58.77	15.45	-43.32	-30	-13.32	PASS
9560.611	-58.96	10.80	-48.16	-30	-18.16	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)	
37.380	-58.31	1.55	-56.76	-36	-20.76	PASS
94.226	-59.66	1.11	-58.55	-36	-22.55	PASS
272.758	-53.07	6.41	-46.66	-36	-10.66	PASS
565.410	-57.20	6.33	-50.87	-36	-14.87	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)	
1395.720	-57.80	13.44	-44.36	-30	-14.36	PASS
3912.087	-59.67	13.83	-45.84	-30	-15.84	PASS
4659.510	-58.60	18.76	-39.84	-30	-9.84	PASS
6643.731	-62.34	15.03	-47.31	-30	-17.31	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)	
45.266	-56.92	7.81	-49.11	-36	-13.11	PASS
91.739	-55.28	3.74	-51.54	-36	-15.54	PASS
273.040	-56.02	5.63	-50.39	-36	-14.39	PASS
687.587	-58.48	8.63	-49.85	-36	-13.85	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)	
1185.764	-61.94	11.40	-50.54	-30	-20.54	PASS
2589.824	-61.22	15.27	-45.95	-30	-15.95	PASS
4665.129	-60.71	12.01	-48.70	-30	-18.70	PASS
6572.524	-62.07	18.70	-43.37	-30	-13.37	PASS

Remark:

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

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
33.454	-56.45	8.84	-47.61	-36	-11.61	PASS
74.028	-54.47	5.24	-49.23	-36	-13.23	PASS
214.035	-58.68	3.26	-55.42	-36	-19.42	PASS
615.852	-56.68	4.00	-52.68	-36	-16.68	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)	
1508.887	-61.17	16.34	-44.83	-30	-14.83	PASS
2855.878	-61.27	13.57	-47.70	-30	-17.70	PASS
5760.205	-56.57	17.21	-39.36	-30	-9.36	PASS
7796.440	-60.20	15.01	-45.19	-30	-15.19	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)	
45.423	-58.57	1.68	-56.89	-36	-20.89	PASS
79.796	-56.65	2.36	-54.29	-36	-18.29	PASS
113.775	-51.91	9.20	-42.71	-36	-6.71	PASS
583.107	-55.45	9.71	-45.74	-36	-9.74	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)	
1406.741	-61.80	12.73	-49.07	-30	-19.07	PASS
3816.532	-57.04	11.01	-46.03	-30	-16.03	PASS
4005.102	-61.25	16.78	-44.47	-30	-14.47	PASS
6663.431	-59.95	15.89	-44.06	-30	-14.06	PASS

Remark:

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

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
46.076	-59.03	6.10	-52.93	-36	-16.93	PASS
58.790	-53.21	2.73	-50.48	-36	-14.48	PASS
221.791	-57.48	2.81	-54.67	-36	-18.67	PASS
565.992	-57.59	2.51	-55.08	-36	-19.08	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)	
1388.406	-59.50	10.81	-48.69	-30	-18.69	PASS
2625.875	-56.90	17.82	-39.08	-30	-9.08	PASS
5726.185	-53.50	11.21	-42.29	-30	-12.29	PASS
6885.412	-55.95	17.90	-38.05	-30	-8.05	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)	
39.891	-57.40	1.80	-55.60	-36	-19.60	PASS
91.270	-55.07	2.75	-52.32	-36	-16.32	PASS
231.420	-59.39	2.29	-57.10	-36	-21.10	PASS
552.048	-57.21	5.28	-51.93	-36	-15.93	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1522.626	-60.47	13.43	-47.04	-30	-17.04	PASS
3401.151	-53.27	11.24	-42.03	-30	-12.03	PASS
4368.427	-58.29	13.68	-44.61	-30	-14.61	PASS
7036.067	-62.28	10.08	-52.20	-30	-22.20	PASS

Remark:

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

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
41.434	-57.99	1.12	-56.87	-36	-20.87	PASS
81.363	-52.53	4.52	-48.01	-36	-12.01	PASS
228.456	-59.12	3.07	-56.05	-36	-20.05	PASS
577.304	-54.89	2.20	-52.69	-36	-16.69	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1125.735	-62.18	13.42	-48.76	-30	-18.76	PASS
2232.039	-58.37	15.02	-43.35	-30	-13.35	PASS
5819.593	-58.78	16.44	-42.34	-30	-12.34	PASS
8389.630	-58.11	17.01	-41.10	-30	-11.10	PASS

Remark:

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



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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
33.745	-53.87	5.62	-48.25	-36	-12.25	PASS
62.842	-54.75	9.84	-44.91	-36	-8.91	PASS
226.955	-53.85	5.83	-48.02	-36	-12.02	PASS
605.999	-59.37	5.16	-54.21	-36	-18.21	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1576.070	-60.45	16.02	-44.43	-30	-14.43	PASS
4026.399	-53.30	17.64	-35.66	-30	-5.66	PASS
4064.295	-62.11	12.02	-50.09	-30	-20.09	PASS
9611.180	-61.59	11.30	-50.29	-30	-20.29	PASS

Remark:

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

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
44.687	-51.50	9.56	-41.94	-36	-5.94	PASS
81.765	-50.05	9.62	-40.43	-36	-4.43	PASS
366.747	-57.56	8.87	-48.69	-36	-12.69	PASS
612.426	-51.45	6.62	-44.83	-36	-8.83	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1644.740	-56.84	10.68	-46.16	-30	-16.16	PASS
3112.481	-56.87	13.77	-43.10	-30	-13.10	PASS
5145.651	-60.48	10.62	-49.86	-30	-19.86	PASS
6027.744	-60.63	13.01	-47.62	-30	-17.62	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)	
37.787	-54.37	8.10	-46.27	-36	-10.27	PASS
51.062	-53.76	1.44	-52.32	-36	-16.32	PASS
372.333	-59.74	8.14	-51.60	-36	-15.60	PASS
631.764	-51.46	2.06	-49.40	-36	-13.40	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1314.588	-61.03	10.37	-50.66	-30	-20.66	PASS
4004.749	-60.80	17.96	-42.84	-30	-12.84	PASS
5468.763	-54.15	14.18	-39.97	-30	-9.97	PASS
7115.308	-58.18	12.95	-45.23	-30	-15.23	PASS

Remark:

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

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

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

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
41.118	-58.41	1.16	-57.25	-36	-21.25	PASS
81.390	-53.55	5.05	-48.50	-36	-12.50	PASS
109.986	-51.77	3.51	-48.26	-36	-12.26	PASS
646.537	-55.77	2.01	-53.76	-36	-17.76	PASS

Remark:

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

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

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1553.067	-54.94	16.35	-38.59	-30	-8.59	PASS
2711.639	-57.73	17.00	-40.73	-30	-10.73	PASS
5304.603	-54.34	17.20	-37.14	-30	-7.14	PASS
7571.061	-55.53	15.80	-39.73	-30	-9.73	PASS

Remark:

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

Band 40 CH L 5M QPSK V 30M-1G

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
38.395	-53.22	4.56	-48.66	-36	-12.66	PASS
58.577	-55.73	9.51	-46.22	-36	-10.22	PASS
228.186	-51.02	5.10	-45.92	-36	-9.92	PASS
595.481	-55.40	3.61	-51.79	-36	-15.79	PASS

Remark:

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

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

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1213.766	-57.48	17.77	-39.71	-30	-9.71	PASS
4021.357	-61.87	12.60	-49.27	-30	-19.27	PASS
4864.156	-55.34	15.53	-39.81	-30	-9.81	PASS
7908.347	-59.54	10.19	-49.35	-30	-19.35	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)	
44.197	-54.38	3.30	-51.08	-36	-15.08	PASS
91.009	-57.10	6.02	-51.08	-36	-15.08	PASS
191.139	-51.21	9.89	-41.32	-36	-5.32	PASS
521.162	-59.83	2.05	-57.78	-36	-21.78	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)	
1119.740	-55.52	11.71	-43.81	-30	-13.81	PASS
2626.249	-60.71	11.43	-49.28	-30	-19.28	PASS
4742.539	-59.71	13.51	-46.20	-30	-16.20	PASS
6601.358	-54.02	12.09	-41.93	-30	-11.93	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)	
41.946	-58.36	4.46	-53.90	-36	-17.90	PASS
65.571	-56.92	3.34	-53.58	-36	-17.58	PASS
304.077	-53.79	1.32	-52.47	-36	-16.47	PASS
558.363	-55.08	1.98	-53.10	-36	-17.10	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)	
1394.587	-56.40	17.55	-38.85	-30	-8.85	PASS
2409.081	-60.40	18.60	-41.80	-30	-11.80	PASS
4014.960	-58.69	13.09	-45.60	-30	-15.60	PASS
8541.681	-54.22	12.24	-41.98	-30	-11.98	PASS

Remark:

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

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
44.731	-57.19	5.96	-51.23	-36	-15.23	PASS
67.132	-58.30	6.48	-51.82	-36	-15.82	PASS
103.710	-56.85	6.36	-50.49	-36	-14.49	PASS
598.299	-59.36	8.42	-50.94	-36	-14.94	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)	
1477.225	-61.48	15.62	-45.86	-30	-15.86	PASS
3958.307	-58.92	16.14	-42.78	-30	-12.78	PASS
4924.594	-55.42	15.40	-40.02	-30	-10.02	PASS
8419.534	-57.57	11.09	-46.48	-30	-16.48	PASS

Remark:

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



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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
33.384	-57.60	9.21	-48.39	-36	-12.39	PASS
62.601	-57.25	8.01	-49.24	-36	-13.24	PASS
112.721	-50.88	3.41	-47.47	-36	-11.47	PASS
591.240	-54.32	6.32	-48.00	-36	-12.00	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)	
1256.903	-53.92	18.57	-35.35	-30	-5.35	PASS
4042.445	-59.67	16.10	-43.57	-30	-13.57	PASS
5952.647	-58.73	12.08	-46.65	-30	-16.65	PASS
7618.786	-53.22	11.65	-41.57	-30	-11.57	PASS

Remark:

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

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
46.628	-53.49	6.42	-47.07	-36	-11.07	PASS
61.629	-51.07	9.07	-42.00	-36	-6.00	PASS
376.708	-51.84	8.88	-42.96	-36	-6.96	PASS
570.210	-50.87	3.34	-47.53	-36	-11.53	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)	
1331.458	-60.94	18.82	-42.12	-30	-12.12	PASS
4164.651	-58.20	12.13	-46.07	-30	-16.07	PASS
5741.006	-58.70	18.15	-40.55	-30	-10.55	PASS
7980.090	-55.79	12.36	-43.43	-30	-13.43	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)	
34.257	-55.39	1.44	-53.95	-36	-17.95	PASS
67.107	-53.41	1.75	-51.66	-36	-15.66	PASS
103.244	-52.84	3.67	-49.17	-36	-13.17	PASS
554.386	-55.11	3.99	-51.12	-36	-15.12	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)	
1255.983	-55.34	16.55	-38.79	-30	-8.79	PASS
2487.747	-56.84	13.65	-43.19	-30	-13.19	PASS
5160.745	-62.64	14.89	-47.75	-30	-17.75	PASS
7959.568	-61.14	14.88	-46.26	-30	-16.26	PASS

Remark:

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

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
44.089	-55.46	5.99	-49.47	-36	-13.47	PASS
58.765	-52.06	1.24	-50.82	-36	-14.82	PASS
289.813	-50.27	2.29	-47.98	-36	-11.98	PASS
550.059	-58.35	8.38	-49.97	-36	-13.97	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)	
1159.172	-60.89	11.91	-48.98	-30	-18.98	PASS
3872.492	-55.38	16.91	-38.47	-30	-8.47	PASS
4666.479	-54.85	13.07	-41.78	-30	-11.78	PASS
7303.012	-56.65	10.51	-46.14	-30	-16.14	PASS

Remark:

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

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

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
39.226	-56.54	5.91	-50.63	-36	-14.63	PASS
99.499	-51.24	8.42	-42.82	-36	-6.82	PASS
292.744	-52.52	2.05	-50.47	-36	-14.47	PASS
665.578	-54.91	7.20	-47.71	-36	-11.71	PASS

Remark:

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

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

Frequency (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
1353.043	-53.63	13.42	-40.21	-30	-10.21	PASS
3571.065	-62.42	11.36	-51.06	-30	-21.06	PASS
5865.935	-58.45	11.94	-46.51	-30	-16.51	PASS
7618.958	-54.60	17.04	-37.56	-30	-7.56	PASS

Remark:

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

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
34.010	-54.98	7.98	-47.00	-36	-11.00	PASS
98.760	-52.67	7.31	-45.36	-36	-9.36	PASS
311.031	-59.28	5.38	-53.90	-36	-17.90	PASS
650.018	-53.76	2.49	-51.27	-36	-15.27	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1256.519	-62.33	12.61	-49.72	-30	-19.72	PASS
3178.515	-59.85	13.62	-46.23	-30	-16.23	PASS
4259.639	-61.45	14.75	-46.70	-30	-16.70	PASS
9153.902	-55.34	13.00	-42.34	-30	-12.34	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)	
36.844	-52.22	1.67	-50.55	-36	-14.55	PASS
85.724	-56.54	2.77	-53.77	-36	-17.77	PASS
317.864	-52.22	8.98	-43.24	-36	-7.24	PASS
635.767	-53.02	8.37	-44.65	-36	-8.65	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1508.579	-60.40	11.12	-49.28	-30	-19.28	PASS
3215.781	-59.84	16.21	-43.63	-30	-13.63	PASS
5435.594	-53.49	11.40	-42.09	-30	-12.09	PASS
7719.002	-56.44	10.18	-46.26	-30	-16.26	PASS

Remark:

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

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

**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)	
34.977	H	-74.96	5.67	-69.29	-57	-12.29	PASS
57.640	H	-75.09	9.02	-66.07	-57	-9.07	PASS
185.710	H	-75.05	6.89	-68.16	-57	-11.16	PASS
606.867	H	-81.64	6.72	-74.92	-57	-17.92	PASS
47.905	V	-79.38	6.42	-72.96	-57	-15.96	PASS
60.334	V	-74.29	4.36	-69.93	-57	-12.93	PASS
355.909	V	-79.73	4.89	-74.84	-57	-17.84	PASS
630.348	V	-74.10	6.56	-67.54	-57	-10.54	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)	
1328.139	V	-77.89	13.10	-64.79	-47	-17.79	PASS
2508.702	V	-80.67	12.49	-68.18	-47	-21.18	PASS
4660.953	V	-74.89	16.53	-58.36	-47	-11.36	PASS
8901.668	V	-76.56	18.74	-57.82	-47	-10.82	PASS
1560.864	H	-74.99	10.84	-64.15	-47	-17.15	PASS
2619.007	H	-79.35	15.42	-63.93	-47	-16.93	PASS
4469.837	H	-78.13	10.71	-67.42	-47	-20.42	PASS
9282.117	H	-80.29	17.80	-62.49	-47	-15.49	PASS

Remark:

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



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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
38.955	H	-74.02	1.25	-72.77	-57	-15.77	PASS
67.957	H	-74.03	2.20	-71.83	-57	-14.83	PASS
261.805	H	-79.90	1.36	-78.54	-57	-21.54	PASS
555.955	H	-75.48	6.07	-69.41	-57	-12.41	PASS
37.675	V	-77.79	2.91	-74.88	-57	-17.88	PASS
69.095	V	-79.05	6.06	-72.99	-57	-15.99	PASS
188.719	V	-76.86	7.89	-68.97	-57	-11.97	PASS
691.418	V	-72.26	5.82	-66.44	-57	-9.44	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)	
1282.587	V	-77.15	16.07	-61.08	-47	-14.08	PASS
2848.169	V	-78.52	14.67	-63.85	-47	-16.85	PASS
5065.218	V	-78.49	15.18	-63.31	-47	-16.31	PASS
7261.080	V	-79.79	12.52	-67.27	-47	-20.27	PASS
1451.602	H	-74.73	17.99	-56.74	-47	-9.74	PASS
3675.732	H	-75.00	17.53	-57.47	-47	-10.47	PASS
4973.228	H	-78.04	16.67	-61.37	-47	-14.37	PASS
7204.534	H	-72.78	11.92	-60.86	-47	-13.86	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)	
34.502	H	-75.81	3.47	-72.34	-57	-15.34	PASS
71.256	H	-81.84	2.49	-79.35	-57	-22.35	PASS
386.549	H	-75.81	9.55	-66.26	-57	-9.26	PASS
662.830	H	-79.64	5.97	-73.67	-57	-16.67	PASS
43.324	V	-78.21	1.53	-76.68	-57	-19.68	PASS
87.554	V	-81.97	9.81	-72.16	-57	-15.16	PASS
258.531	V	-75.54	6.83	-68.71	-57	-11.71	PASS
541.208	V	-74.01	3.89	-70.12	-57	-13.12	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)	
1259.492	V	-75.46	13.93	-61.53	-47	-14.53	PASS
3309.731	V	-74.24	18.61	-55.63	-47	-8.63	PASS
4740.185	V	-72.30	18.40	-53.90	-47	-6.90	PASS
7977.249	V	-73.64	16.85	-56.79	-47	-9.79	PASS
1338.525	H	-74.77	14.23	-60.54	-47	-13.54	PASS
2270.123	H	-75.06	11.64	-63.42	-47	-16.42	PASS
5131.897	H	-80.95	17.19	-63.76	-47	-16.76	PASS
6057.725	H	-81.05	13.47	-67.58	-47	-20.58	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)	
39.091	H	-78.46	4.70	-73.76	-57	-16.76	PASS
70.943	H	-72.83	9.29	-63.54	-57	-6.54	PASS
178.344	H	-73.93	7.69	-66.24	-57	-9.24	PASS
607.893	H	-72.09	3.95	-68.14	-57	-11.14	PASS
36.347	V	-78.22	1.83	-76.39	-57	-19.39	PASS
84.240	V	-78.34	6.46	-71.88	-57	-14.88	PASS
115.436	V	-80.56	4.60	-75.96	-57	-18.96	PASS
631.729	V	-79.86	5.67	-74.19	-57	-17.19	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)	
1385.191	V	-80.69	17.53	-63.16	-47	-16.16	PASS
3715.936	V	-72.06	15.06	-57.00	-47	-10.00	PASS
4955.806	V	-79.79	12.81	-66.98	-47	-19.98	PASS
8594.668	V	-77.02	16.78	-60.24	-47	-13.24	PASS
1500.567	H	-76.84	11.22	-65.62	-47	-18.62	PASS
2992.822	H	-76.05	10.66	-65.39	-47	-18.39	PASS
4085.392	H	-80.40	12.40	-68.00	-47	-21.00	PASS
8444.226	H	-80.40	14.75	-65.65	-47	-18.65	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)	
34.549	H	-76.07	7.49	-68.58	-57	-11.58	PASS
90.809	H	-76.31	5.84	-70.47	-57	-13.47	PASS
171.450	H	-74.37	4.64	-69.73	-57	-12.73	PASS
543.884	H	-79.73	1.98	-77.75	-57	-20.75	PASS
36.274	V	-76.71	5.14	-71.57	-57	-14.57	PASS
68.142	V	-75.20	3.09	-72.11	-57	-15.11	PASS
194.490	V	-74.41	6.99	-67.42	-57	-10.42	PASS
558.879	V	-75.40	7.66	-67.74	-57	-10.74	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)	
1192.452	V	-74.77	11.21	-63.56	-47	-16.56	PASS
4104.010	V	-74.09	14.70	-59.39	-47	-12.39	PASS
4238.157	V	-77.76	11.15	-66.61	-47	-19.61	PASS
7907.395	V	-74.94	14.73	-60.21	-47	-13.21	PASS
1509.261	H	-77.34	14.33	-63.01	-47	-16.01	PASS
2514.332	H	-81.95	11.32	-70.63	-47	-23.63	PASS
5043.915	H	-81.50	10.44	-71.06	-47	-24.06	PASS
8731.637	H	-80.38	18.50	-61.88	-47	-14.88	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
41.494	H	-78.39	8.61	-69.78	-57	-12.78	PASS
79.995	H	-72.87	6.24	-66.63	-57	-9.63	PASS
100.867	H	-74.51	8.42	-66.09	-57	-9.09	PASS
613.744	H	-74.18	4.75	-69.43	-57	-12.43	PASS
44.199	V	-76.38	1.35	-75.03	-57	-18.03	PASS
92.380	V	-77.16	3.68	-73.48	-57	-16.48	PASS
347.506	V	-81.54	9.17	-72.37	-57	-15.37	PASS
662.840	V	-76.98	8.53	-68.45	-57	-11.45	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)	
1643.607	V	-79.67	17.87	-61.80	-47	-14.80	PASS
2518.236	V	-79.23	16.60	-62.63	-47	-15.63	PASS
4386.171	V	-81.08	15.53	-65.55	-47	-18.55	PASS
6175.788	V	-78.22	10.38	-67.84	-47	-20.84	PASS
1276.556	H	-72.45	15.31	-57.14	-47	-10.14	PASS
3072.910	H	-73.94	14.87	-59.07	-47	-12.07	PASS
4352.687	H	-73.92	10.54	-63.38	-47	-16.38	PASS
7778.551	H	-72.73	16.30	-56.43	-47	-9.43	PASS

Remark:

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

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
34.085	H	-76.84	2.85	-73.99	-57	-16.99	PASS
62.607	H	-78.91	3.85	-75.06	-57	-18.06	PASS
222.475	H	-78.49	9.24	-69.25	-57	-12.25	PASS
502.334	H	-75.96	4.60	-71.36	-57	-14.36	PASS
37.273	V	-77.21	4.58	-72.63	-57	-15.63	PASS
91.301	V	-77.74	2.65	-75.09	-57	-18.09	PASS
105.923	V	-78.25	9.70	-68.55	-57	-11.55	PASS
630.753	V	-79.42	2.17	-77.25	-57	-20.25	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)	
1477.813	V	-75.47	18.68	-56.79	-47	-9.79	PASS
3408.732	V	-72.03	11.57	-60.46	-47	-13.46	PASS
4273.524	V	-73.17	18.22	-54.95	-47	-7.95	PASS
7144.597	V	-74.71	14.53	-60.18	-47	-13.18	PASS
1164.273	H	-75.83	10.29	-65.54	-47	-18.54	PASS
2235.220	H	-79.89	14.69	-65.20	-47	-18.20	PASS
5317.961	H	-80.72	12.14	-68.58	-47	-21.58	PASS
9332.756	H	-74.57	13.18	-61.39	-47	-14.39	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)	
34.005	H	-72.75	2.33	-70.42	-57	-13.42	PASS
78.328	H	-79.72	5.25	-74.47	-57	-17.47	PASS
339.899	H	-80.04	5.65	-74.39	-57	-17.39	PASS
556.281	H	-74.49	6.28	-68.21	-57	-11.21	PASS
34.717	V	-75.76	5.07	-70.69	-57	-13.69	PASS
85.015	V	-77.75	1.84	-75.91	-57	-18.91	PASS
194.041	V	-72.02	9.60	-62.42	-57	-5.42	PASS
549.810	V	-76.57	2.51	-74.06	-57	-17.06	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)	
1216.943	V	-78.96	11.06	-67.90	-47	-20.90	PASS
2256.977	V	-75.78	16.62	-59.16	-47	-12.16	PASS
4570.096	V	-79.08	10.66	-68.42	-47	-21.42	PASS
6363.396	V	-76.03	10.25	-65.78	-47	-18.78	PASS
1644.191	H	-75.63	11.43	-64.20	-47	-17.20	PASS
2670.352	H	-76.41	10.73	-65.68	-47	-18.68	PASS
4870.990	H	-74.15	16.53	-57.62	-47	-10.62	PASS
7496.420	H	-80.85	18.63	-62.22	-47	-15.22	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)	
46.707	H	-79.08	1.46	-77.62	-57	-20.62	PASS
98.827	H	-80.37	9.36	-71.01	-57	-14.01	PASS
167.957	H	-80.42	3.45	-76.97	-57	-19.97	PASS
571.548	H	-75.42	7.76	-67.66	-57	-10.66	PASS
46.217	V	-72.89	3.00	-69.89	-57	-12.89	PASS
65.077	V	-73.14	6.50	-66.64	-57	-9.64	PASS
385.527	V	-77.87	3.93	-73.94	-57	-16.94	PASS
653.579	V	-75.82	7.09	-68.73	-57	-11.73	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)	
1361.172	V	-75.43	10.55	-64.88	-47	-17.88	PASS
3791.877	V	-78.50	17.54	-60.96	-47	-13.96	PASS
4759.911	V	-75.23	13.63	-61.60	-47	-14.60	PASS
8936.757	V	-79.50	13.29	-66.21	-47	-19.21	PASS
1183.045	H	-81.41	13.28	-68.13	-47	-21.13	PASS
3858.584	H	-76.73	15.58	-61.15	-47	-14.15	PASS
5034.208	H	-75.44	16.27	-59.17	-47	-12.17	PASS
8797.543	H	-81.41	11.96	-69.45	-47	-22.45	PASS

Remark:

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

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



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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
44.395	H	-76.63	5.76	-70.87	-57	-13.87	PASS
95.486	H	-76.52	6.84	-69.68	-57	-12.68	PASS
110.229	H	-79.37	2.62	-76.75	-57	-19.75	PASS
652.148	H	-77.07	9.89	-67.18	-57	-10.18	PASS
39.571	V	-72.12	3.59	-68.53	-57	-11.53	PASS
63.630	V	-72.25	4.98	-67.27	-57	-10.27	PASS
316.703	V	-73.83	8.92	-64.91	-57	-7.91	PASS
611.448	V	-72.67	4.23	-68.44	-57	-11.44	PASS

Remark:

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

Band 8 CH L 20M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1496.328	V	-74.77	11.03	-63.74	-47	-16.74	PASS
3689.389	V	-78.07	10.12	-67.95	-47	-20.95	PASS
4049.711	V	-81.87	10.36	-71.51	-47	-24.51	PASS
8795.021	V	-76.03	16.21	-59.82	-47	-12.82	PASS
1137.833	H	-76.74	11.57	-65.17	-47	-18.17	PASS
3692.649	H	-74.95	11.82	-63.13	-47	-16.13	PASS
5473.432	H	-75.45	12.19	-63.26	-47	-16.26	PASS
9088.955	H	-80.25	15.16	-65.09	-47	-18.09	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
42.268	H	-76.63	4.39	-72.24	-57	-15.24	PASS
95.974	H	-79.76	4.90	-74.86	-57	-17.86	PASS
312.995	H	-72.18	9.92	-62.26	-57	-5.26	PASS
696.734	H	-80.26	3.76	-76.50	-57	-19.50	PASS
46.006	V	-74.97	8.81	-66.16	-57	-9.16	PASS
63.392	V	-81.37	3.62	-77.75	-57	-20.75	PASS
274.962	V	-75.80	2.08	-73.72	-57	-16.72	PASS
513.823	V	-78.35	8.36	-69.99	-57	-12.99	PASS

Remark:

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

Band 8 CH M 20M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1117.929	V	-80.83	15.65	-65.18	-47	-18.18	PASS
3794.297	V	-81.31	18.37	-62.94	-47	-15.94	PASS
5920.878	V	-77.62	18.21	-59.41	-47	-12.41	PASS
9733.371	V	-77.84	17.47	-60.37	-47	-13.37	PASS
1157.633	H	-81.04	11.02	-70.02	-47	-23.02	PASS
3981.486	H	-75.04	11.78	-63.26	-47	-16.26	PASS
4332.046	H	-81.46	11.15	-70.31	-47	-23.31	PASS
8876.895	H	-76.36	15.95	-60.41	-47	-13.41	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
41.849	H	-73.11	6.60	-66.51	-57	-9.51	PASS
77.692	H	-72.65	8.72	-63.93	-57	-6.93	PASS
112.404	H	-76.40	9.80	-66.60	-57	-9.60	PASS
557.678	H	-76.50	3.27	-73.23	-57	-16.23	PASS
45.364	V	-75.65	8.35	-67.30	-57	-10.30	PASS
67.952	V	-77.78	2.28	-75.50	-57	-18.50	PASS
114.246	V	-78.23	4.00	-74.23	-57	-17.23	PASS
524.068	V	-77.04	9.42	-67.62	-57	-10.62	PASS

Remark:

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

Band 8 CH H 20M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1348.616	V	-81.19	15.95	-65.24	-47	-18.24	PASS
3076.784	V	-80.79	15.12	-65.67	-47	-18.67	PASS
5787.446	V	-76.19	16.71	-59.48	-47	-12.48	PASS
9395.853	V	-76.92	15.55	-61.37	-47	-14.37	PASS
1555.635	H	-74.31	12.06	-62.25	-47	-15.25	PASS
4049.901	H	-72.86	14.44	-58.42	-47	-11.42	PASS
4809.290	H	-81.46	11.11	-70.35	-47	-23.35	PASS
6338.880	H	-79.66	14.65	-65.01	-47	-18.01	PASS

Remark:

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

Note: The test band 8 for 1.4M, 5M and 10M have tested, the worst case is 20M, and the data have record.

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
44.990	H	-75.89	3.35	-72.54	-57	-15.54	PASS
56.428	H	-79.78	7.97	-71.81	-57	-14.81	PASS
265.022	H	-73.22	3.51	-69.71	-57	-12.71	PASS
622.948	H	-77.43	2.79	-74.64	-57	-17.64	PASS
38.156	V	-72.13	5.73	-66.40	-57	-9.40	PASS
83.264	V	-79.05	7.26	-71.79	-57	-14.79	PASS
136.719	V	-80.49	9.68	-70.81	-57	-13.81	PASS
654.337	V	-77.68	3.02	-74.66	-57	-17.66	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)	
1216.002	V	-79.73	12.57	-67.16	-47	-20.16	PASS
2837.172	V	-78.31	13.43	-64.88	-47	-17.88	PASS
4337.304	V	-76.66	13.46	-63.20	-47	-16.20	PASS
7886.972	V	-81.79	15.39	-66.40	-47	-19.40	PASS
1127.237	H	-80.84	15.47	-65.37	-47	-18.37	PASS
3401.887	H	-77.75	11.13	-66.62	-47	-19.62	PASS
4347.983	H	-81.86	18.75	-63.11	-47	-16.11	PASS
7628.301	H	-72.95	11.15	-61.80	-47	-14.80	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)	
39.712	H	-78.79	5.66	-73.13	-57	-16.13	PASS
85.595	H	-73.26	7.27	-65.99	-57	-8.99	PASS
281.547	H	-78.29	2.65	-75.64	-57	-18.64	PASS
671.574	H	-74.17	1.35	-72.82	-57	-15.82	PASS
42.336	V	-81.66	1.30	-80.36	-57	-23.36	PASS
88.178	V	-79.63	5.77	-73.86	-57	-16.86	PASS
263.263	V	-78.77	2.65	-76.12	-57	-19.12	PASS
503.454	V	-75.97	9.96	-66.01	-57	-9.01	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)	
1471.896	V	-73.64	11.86	-61.78	-47	-14.78	PASS
3555.589	V	-72.69	15.88	-56.81	-47	-9.81	PASS
5476.277	V	-76.60	14.05	-62.55	-47	-15.55	PASS
8758.338	V	-80.71	12.51	-68.20	-47	-21.20	PASS
1253.269	H	-81.36	16.52	-64.84	-47	-17.84	PASS
4141.202	H	-77.88	10.57	-67.31	-47	-20.31	PASS
5937.440	H	-74.50	15.26	-59.24	-47	-12.24	PASS
7901.556	H	-81.52	11.10	-70.42	-47	-23.42	PASS

Remark:

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

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
44.635	H	-80.10	7.67	-72.43	-57	-15.43	PASS
95.304	H	-74.52	4.28	-70.24	-57	-13.24	PASS
184.191	H	-76.02	3.00	-73.02	-57	-16.02	PASS
544.175	H	-79.58	6.30	-73.28	-57	-16.28	PASS
42.534	V	-75.59	7.92	-67.67	-57	-10.67	PASS
74.555	V	-81.94	3.19	-78.75	-57	-21.75	PASS
296.272	V	-75.07	6.45	-68.62	-57	-11.62	PASS
620.102	V	-81.16	9.51	-71.65	-57	-14.65	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)	
1434.241	V	-75.02	12.48	-62.54	-47	-15.54	PASS
4000.369	V	-73.37	16.41	-56.96	-47	-9.96	PASS
4261.447	V	-77.21	14.53	-62.68	-47	-15.68	PASS
8365.629	V	-81.30	10.50	-70.80	-47	-23.80	PASS
1548.019	H	-75.08	15.76	-59.32	-47	-12.32	PASS
3057.742	H	-72.70	16.97	-55.73	-47	-8.73	PASS
5389.394	H	-74.78	11.33	-63.45	-47	-16.45	PASS
8222.244	H	-74.11	10.89	-63.22	-47	-16.22	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)	
34.337	H	-73.34	2.01	-71.33	-57	-14.33	PASS
58.526	H	-80.79	2.73	-78.06	-57	-21.06	PASS
175.383	H	-76.77	5.95	-70.82	-57	-13.82	PASS
598.165	H	-72.09	5.04	-67.05	-57	-10.05	PASS
43.916	V	-79.40	7.12	-72.28	-57	-15.28	PASS
67.520	V	-78.86	8.34	-70.52	-57	-13.52	PASS
307.239	V	-80.76	3.33	-77.43	-57	-20.43	PASS
644.882	V	-76.57	3.31	-73.26	-57	-16.26	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)	
1115.101	V	-77.39	17.44	-59.95	-47	-12.95	PASS
3574.742	V	-78.82	11.95	-66.87	-47	-19.87	PASS
4044.596	V	-77.13	11.60	-65.53	-47	-18.53	PASS
8373.993	V	-77.53	17.09	-60.44	-47	-13.44	PASS
1277.774	H	-79.24	17.26	-61.98	-47	-14.98	PASS
3147.749	H	-76.05	16.68	-59.37	-47	-12.37	PASS
4505.665	H	-77.97	17.08	-60.89	-47	-13.89	PASS
9712.914	H	-81.16	18.49	-62.67	-47	-15.67	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)	
46.554	H	-73.59	6.89	-66.70	-57	-9.70	PASS
54.376	H	-80.87	6.19	-74.68	-57	-17.68	PASS
232.642	H	-77.79	8.84	-68.95	-57	-11.95	PASS
632.210	H	-72.71	6.09	-66.62	-57	-9.62	PASS
47.334	V	-77.54	7.01	-70.53	-57	-13.53	PASS
64.556	V	-72.24	1.26	-70.98	-57	-13.98	PASS
330.683	V	-73.23	7.74	-65.49	-57	-8.49	PASS
552.208	V	-75.00	7.35	-67.65	-57	-10.65	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)	
1371.503	V	-78.77	18.63	-60.14	-47	-13.14	PASS
3032.711	V	-73.55	12.49	-61.06	-47	-14.06	PASS
5402.615	V	-75.46	10.66	-64.80	-47	-17.80	PASS
7876.088	V	-72.31	14.43	-57.88	-47	-10.88	PASS
1290.015	H	-78.64	11.25	-67.39	-47	-20.39	PASS
3956.021	H	-81.11	12.60	-68.51	-47	-21.51	PASS
4576.733	H	-77.62	18.54	-59.08	-47	-12.08	PASS
7870.970	H	-72.53	18.94	-53.59	-47	-6.59	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)	
41.634	H	-72.32	2.97	-69.35	-57	-12.35	PASS
80.121	H	-81.87	7.86	-74.01	-57	-17.01	PASS
286.175	H	-79.26	3.86	-75.40	-57	-18.40	PASS
622.557	H	-72.66	8.03	-64.63	-57	-7.63	PASS
36.865	V	-79.92	4.91	-75.01	-57	-18.01	PASS
55.997	V	-74.41	3.84	-70.57	-57	-13.57	PASS
209.908	V	-75.16	1.90	-73.26	-57	-16.26	PASS
594.900	V	-79.17	3.16	-76.01	-57	-19.01	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)	
1220.976	V	-81.26	15.65	-65.61	-47	-18.61	PASS
2542.867	V	-77.33	10.43	-66.90	-47	-19.90	PASS
4651.714	V	-81.95	12.16	-69.79	-47	-22.79	PASS
8730.335	V	-81.61	14.18	-67.43	-47	-20.43	PASS
1255.076	H	-77.64	18.73	-58.91	-47	-11.91	PASS
3844.476	H	-73.20	10.03	-63.17	-47	-16.17	PASS
4006.234	H	-81.37	16.40	-64.97	-47	-17.97	PASS
6941.891	H	-81.28	10.82	-70.46	-47	-23.46	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	-45.86	-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
$I_{or}/I_{oc}$	-1	dB
$I_{oc}$	-60	dBm/3,84 MHz
$\frac{DPCCH_{Ec}}{I_{or}}$	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

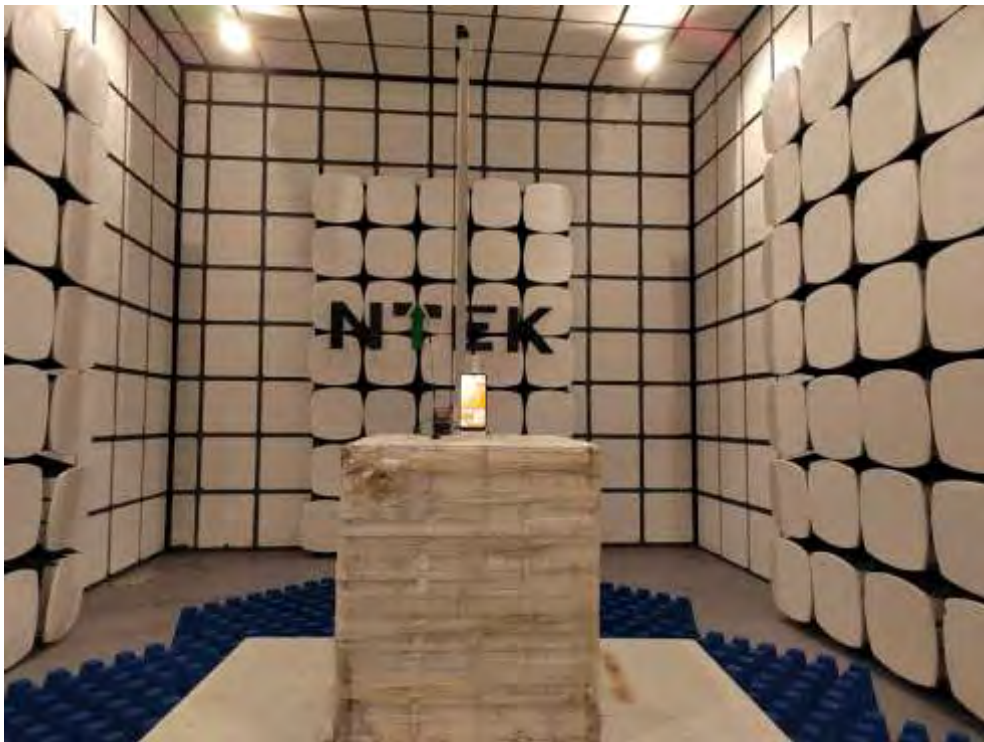
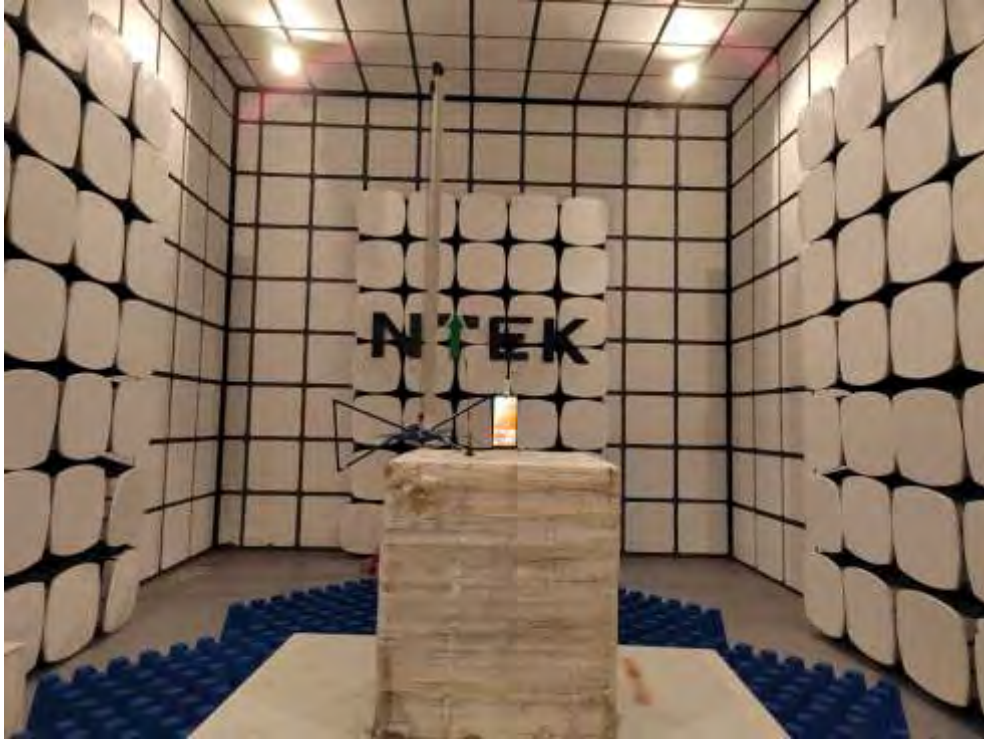
Test Result: Pass.

## **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