



RADIO TEST REPORT

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

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

Product : Smartphone

Trade Mark : CUBOT

Model Name : KINGKONG 6

Family Model : N/A

Report No. : S22031104003007

Prepared for

Shenzhen Huafurui Technology Co., Ltd

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

Applicant's name : Shenzhen Huafului Technology Co., Ltd
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Manufacturer's Name : Shenzhen Huafului Technology Co., Ltd
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Product description

Product name : Smartphone
Trademark : CUBOT
Model Name : KINGKONG 6
Family Model : N/A

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

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

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Date of Test

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

Date of Issue Mar 16. 2022

Test Result **Pass**

Testing Engineer :



(Allen Liu)

Authorized Signatory :



(Alex Li)

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Revision History

Report No.	Version	Description	Issued Date
S22031104003007	Rev.01	Initial issue of report	Mar 16. 2022

1.SUMMARY OF TEST RESULTS

Leading Reference Documents For Testing:

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

Specific Reference Documents For Testing:

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

1.1 TEST FACILITY

Shenzhen NTEK Testing Technology Co., Ltd.

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

CNAS Registration No.:L5516

1.2 MEASUREMENT UNCERTAINTY

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

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

2.GENERAL INFORMATION**2.1 GENERAL DESCRIPTION OF EUT**

Equipment	Smartphone
Trade Mark	CUBOT
Model Name	KINGKONG 6
Family Model:	N/A
Model Difference:	N/A
Frequency Bands:	E-UTRA FDD I, III, VII, VIII, XX
Frequency Bands:	<p>FDD Band I: Uplink: 1920 MHz to 1980MHz Downlink: 2110 MHz to 2170 MHz</p> <p>FDD Band III: Uplink:1710 MHz to 1785 MHz Downlink: 1805 MHz to 1880 MHz</p> <p>FDD Band VII: Uplink: 2500 MHz to 2570 MHz Downlink: 2620 MHz to 2690 MHz</p> <p>FDD Band VIII: Uplink: 880MHz to 915 MHz Downlink: 925 MHz to 960 MHz</p> <p>FDD Band XX: Uplink: 832 MHz to 862 MHz</p>
Power Class:	E-UTRA :3
SIM CARD :	SIM 1 and SIM 2 is a chipset unit and tested as a single chipset. The SIM 1 is chosen for test.
Modulation Mode:	QPSK, 16QAM
Adapter	Model: HJ-0502000W2-EU Input: 100-240V~50/60Hz, 0.3A Output: 5.0V---2.0A
Battery	DC 3.85V
Rating	DC 3.85V from battery or DC 5V from Adapter.
Antenna:	PIFA Antenna
Antenna Gain:	Band 1: 1.72dBi; Band 3: 1.58dBi; Band 7: 1.41dBi Band 8: 1.23dBi; Band 20: 1.05dBi;
Hardware Version	LT983_MB_V3.0
Software Version	CUBOT_KINGKONG 6_B091C_V01

2.2 LIST OF TEST EQUIPMENTS

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

2.3 TEST ENVIRONMENT/CONDITIONS

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

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

2.4 TEST MODE

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

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

LTE FDD Band XX mode	5MHz	QPSK/ 16QAM	Ch 24175
			Ch 24300
			Ch 24425
	10MHz	QPSK/ 16QAM	Ch 24200
			Ch 24300
			Ch 24400
	20MHz	QPSK/ 16QAM	Ch 24250
			Ch 24300
			Ch 24350

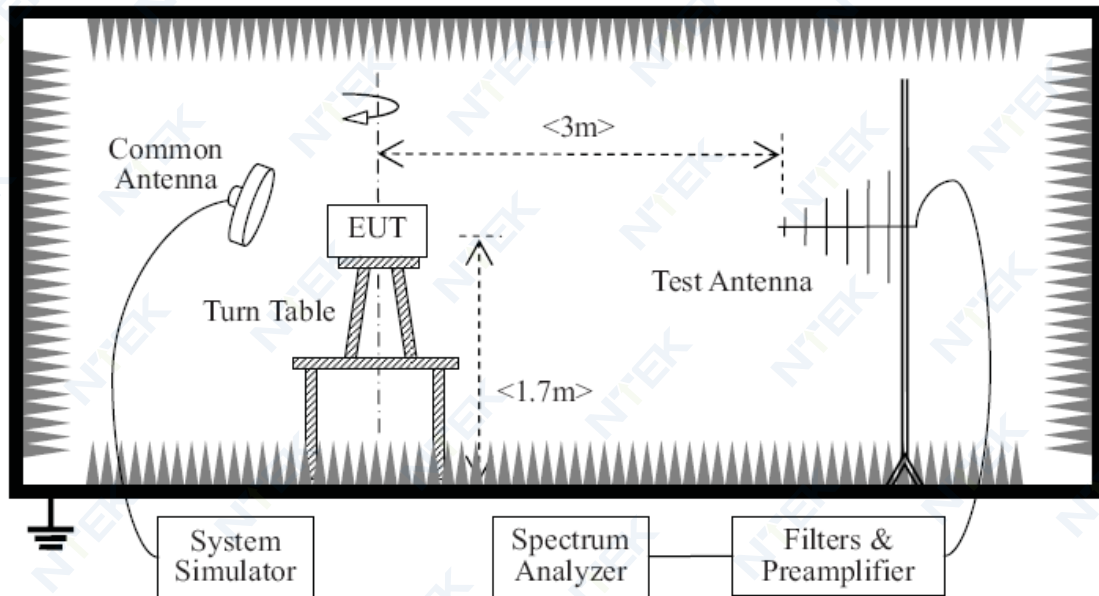
Table 2

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

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

2.5 TEST SETUP

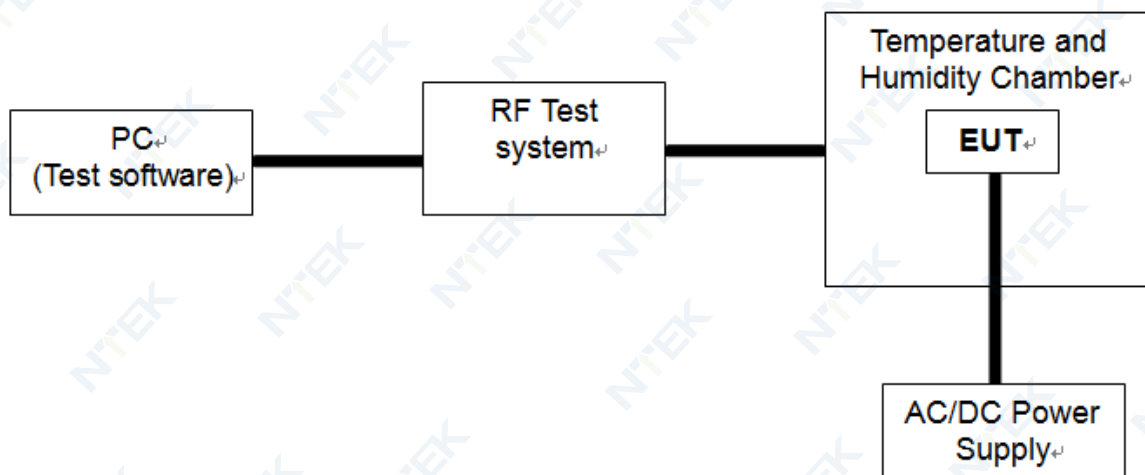
1. Radiated Spurious Emission Test Setup



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

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

2. Conducted Test



3. SUMMARY OF THE REPORT

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

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

Table 1 EN Requirements Table (Ref. 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			

Table 2 EN Requirements Table

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

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

Testcase in ETSI EN 301908-13	Testcase in 3GPP TS 36.521	Description	Condition	Test Band			Test Data
					Sample	Result	
4.2.11	6.6.2.3	Transmitter Adjacent Channel Leakage Power Ratio	NT / NV	FDD Band I	A01	PASS	Appendix A - LTE - Normal
			LT / LV	FDD Band III	A01	PASS	Appendix B - LTE - Extreme
			LT / HV	FDD Band VII	A01	PASS	Appendix B - LTE - Extreme
			HT / LV	FDD Band VIII	A01	PASS	Appendix B - LTE - Extreme
			HT / HV	FDD Band XX	A01	PASS	Appendix B - LTE - Extreme
4.2.7	7.6.1	Receiver Blocking Characteristics (In band)	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	PASS	Appendix A - LTE - Normal
4.2.7	7.6.2	Receiver Blocking Characteristics (Out band)	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	PASS	Appendix C - LTE - Blocking
4.2.7	7.6.3	Receiver Blocking Characteristics (Narrow band)	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	PASS	Appendix C - LTE - Blocking
4.2.8	7.7	Receiver Spurious Response	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	N/A	N/A _(Note 1)
4.2.9	7.8	Receiver Intermodulation Characteristics	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	PASS	Appendix A - LTE - Normal
4.2.10	7.9	Receiver Spurious Emissions	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	PASS	Appendix A - LTE - Normal

4.2.12	7.3	Receiver Reference Sensitivity Level	NTC	FDD Band I FDD Band III FDD Band VII FDD Band VIII FDD Band XX	A01	PASS	Appendix A - LTE - Normal
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Note 1: Receiver Spurious Response is just for the out-of-band blocking limit is not met.

APPENDIX D——TEST DATA FOR SPURIOUS EMISSIONS

D.1. RADIATED SPURIOUS EMISSIONS.

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
55.84	-72.94	3.91	-69.03	-36	-33.03	PASS
152.68	-74.54	6.95	-67.59	-36	-31.59	PASS
547.10	-60.69	9.27	-51.42	-36	-15.42	PASS
766.93	-71.54	9.75	-61.79	-36	-25.79	PASS
Remark: 1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit						

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1313.30	-61.89	18.05	-43.84	-30	-13.84	PASS
2648.79	-65.01	15.75	-49.26	-30	-19.26	PASS
3137.12	-55.43	13.06	-42.37	-30	-12.37	PASS
7519.79	-63.86	12.52	-51.34	-30	-21.34	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)	
41.77	-76.22	3.91	-72.31	-36	-36.31	PASS
164.22	-67.1	6.95	-60.15	-36	-24.15	PASS
582.91	-69.52	9.27	-60.25	-36	-24.25	PASS
805.17	-64.9	9.75	-55.15	-36	-19.15	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)	
1709.09	-60.56	18.05	-42.51	-30	-12.51	PASS
2740.13	-54.11	15.75	-38.36	-30	-8.36	PASS
3118.65	-67.03	13.06	-53.97	-30	-23.97	PASS
9467.47	-54.83	12.52	-42.31	-30	-12.31	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)	
47.84	-66.78	3.91	-62.87	-36	-26.87	PASS
133.70	-64.35	6.95	-57.40	-36	-21.40	PASS
237.77	-60.74	9.27	-51.47	-36	-15.47	PASS
737.73	-76.14	9.75	-66.39	-36	-30.39	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)	
1494.35	-57	18.05	-38.95	-30	-8.95	PASS
2229.84	-53.63	15.75	-37.88	-30	-7.88	PASS
3329.78	-61.81	13.06	-48.75	-30	-18.75	PASS
10982.46	-64.32	12.52	-51.80	-30	-21.80	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)	
52.59	-68.05	3.91	-64.14	-36	-28.14	PASS
100.60	-66.42	6.95	-59.47	-36	-23.47	PASS
278.44	-72.1	9.27	-62.83	-36	-26.83	PASS
780.95	-65.7	9.75	-55.95	-36	-19.95	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)	
1585.35	-63.67	18.05	-45.62	-30	-15.62	PASS
2387.75	-51.73	15.75	-35.98	-30	-5.98	PASS
3196.88	-54.73	13.06	-41.67	-30	-11.67	PASS
5084.46	-58.15	12.52	-45.63	-30	-15.63	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)	
85.52	-70.65	3.91	-66.74	-36	-30.74	PASS
152.35	-65.31	6.95	-58.36	-36	-22.36	PASS
503.55	-79.54	9.27	-70.27	-36	-34.27	PASS
797.71	-60.68	9.75	-50.93	-36	-14.93	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)	
1243.66	-54.29	18.05	-36.24	-30	-6.24	PASS
2249.12	-64.55	15.75	-48.80	-30	-18.80	PASS
3024.13	-58.87	13.06	-45.81	-30	-15.81	PASS
6612.70	-52.52	12.52	-40.00	-30	-10.00	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)	
57.85	-61.05	3.91	-57.14	-36	-21.14	PASS
173.14	-72.94	6.95	-65.99	-36	-29.99	PASS
368.94	-73.24	9.27	-63.97	-36	-27.97	PASS
647.50	-64.34	9.75	-54.59	-36	-18.59	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)	
1967.23	-58.9	18.05	-40.85	-30	-10.85	PASS
2471.82	-49.74	15.75	-33.99	-30	-3.99	PASS
3293.44	-69.27	13.06	-56.21	-30	-26.21	PASS
9419.89	-68.62	12.52	-56.10	-30	-26.10	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)	
59.30	-66.53	3.91	-62.62	-36	-26.62	PASS
137.57	-68.75	6.95	-61.80	-36	-25.80	PASS
367.01	-62.5	9.27	-53.23	-36	-17.23	PASS
607.70	-62.95	9.75	-53.20	-36	-17.20	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)	
1360.03	-61.57	18.05	-43.52	-30	-13.52	PASS
2963.12	-50.5	15.75	-34.75	-30	-4.75	PASS
3815.59	-56.58	13.06	-43.52	-30	-13.52	PASS
4207.94	-53.5	12.52	-40.98	-30	-10.98	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)	
76.41	-62.62	3.91	-58.71	-36	-22.71	PASS
136.39	-75.64	6.95	-68.69	-36	-32.69	PASS
268.05	-75.21	9.27	-65.94	-36	-29.94	PASS
686.76	-75.26	9.75	-65.51	-36	-29.51	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)	
1879.90	-50.05	18.05	-32.00	-30	-2.00	PASS
2605.75	-60.88	15.75	-45.13	-30	-15.13	PASS
3384.91	-58.16	13.06	-45.10	-30	-15.10	PASS
11906.50	-68.72	12.52	-56.20	-30	-26.20	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)	
67.54	-59.84	2.35	-57.49	-36	-21.49	PASS
141.02	-57.92	1.38	-56.54	-36	-20.54	PASS
389.61	-62.65	5.45	-57.20	-36	-21.20	PASS
728.77	-52.65	1.45	-51.20	-36	-15.20	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)	
1582.63	-66.28	14.81	-51.47	-30	-21.47	PASS
2360.44	-58.07	15.91	-42.16	-30	-12.16	PASS
3934.67	-68.98	14.93	-54.05	-30	-24.05	PASS
11214.05	-64.21	16.55	-47.66	-30	-17.66	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)	
72.30	-56.96	5.93	-51.03	-36	-15.03	PASS
138.56	-66.80	9.25	-57.55	-36	-21.55	PASS
583.33	-63.47	4.35	-59.12	-36	-23.12	PASS
680.08	-50.63	8.47	-42.16	-36	-6.16	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)	
1967.96	-51.54	18.25	-33.29	-30	-3.29	PASS
2829.38	-61.09	18.87	-42.22	-30	-12.22	PASS
3154.26	-66.18	13.86	-52.32	-30	-22.32	PASS
11737.66	-56.36	10.24	-46.12	-30	-16.12	PASS
Remark: 1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit						

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
46.79	-64.86	6.38	-58.48	-36	-22.48	PASS
142.90	-69.14	8.65	-60.49	-36	-24.49	PASS
364.17	-60.58	1.51	-59.07	-36	-23.07	PASS
805.58	-49.89	9.03	-40.86	-36	-4.86	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)	
1236.30	-51.66	11.72	-39.94	-30	-9.94	PASS
2806.97	-63.15	15.95	-47.20	-30	-17.20	PASS
3753.59	-54.15	12.25	-41.90	-30	-11.90	PASS
4065.12	-67.18	15.98	-51.20	-30	-21.20	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)	
61.46	-55.55	1.69	-53.86	-36	-17.86	PASS
104.04	-61.20	3.80	-57.40	-36	-21.40	PASS
532.74	-68.02	3.93	-64.09	-36	-28.09	PASS
651.05	-62.55	8.89	-53.66	-36	-17.66	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)	
1699.08	-60.01	15.40	-44.61	-30	-14.61	PASS
2576.83	-49.19	14.23	-34.96	-30	-4.96	PASS
3404.37	-55.80	18.65	-37.15	-30	-7.15	PASS
9112.38	-62.21	16.16	-46.05	-30	-16.05	PASS
Remark: 1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit						

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
74.01	-77.33	3.91	-73.42	-36	-37.42	PASS
127.78	-68.69	6.95	-61.74	-36	-25.74	PASS
438.38	-75.04	9.27	-65.77	-36	-29.77	PASS
785.06	-59.69	9.75	-49.94	-36	-13.94	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1776.18	-66.59	18.05	-48.54	-30	-18.54	PASS
2413.28	-51.07	15.75	-35.32	-30	-5.32	PASS
3922.32	-61.96	13.06	-48.90	-30	-18.90	PASS
11038.04	-52.57	12.52	-40.05	-30	-10.05	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)	
30.99	-63.92	3.91	-60.01	-36	-24.01	PASS
112.56	-70.01	6.95	-63.06	-36	-27.06	PASS
282.89	-72.67	9.27	-63.40	-36	-27.40	PASS
796.50	-76.46	9.75	-66.71	-36	-30.71	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)	
1168.93	-67.54	18.05	-49.49	-30	-19.49	PASS
2393.35	-52.1	15.75	-36.35	-30	-6.35	PASS
3407.83	-57.82	13.06	-44.76	-30	-14.76	PASS
10914.69	-55.57	12.52	-43.05	-30	-13.05	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)	
83.85	-67.29	3.91	-63.38	-36	-27.38	PASS
137.21	-70.03	6.95	-63.08	-36	-27.08	PASS
555.44	-68.18	9.27	-58.91	-36	-22.91	PASS
707.64	-71.07	9.75	-61.32	-36	-25.32	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)	
1789.47	-52.15	18.05	-34.10	-30	-4.10	PASS
2759.40	-67.68	15.75	-51.93	-30	-21.93	PASS
3603.23	-63.99	13.06	-50.93	-30	-20.93	PASS
10795.29	-69.46	12.52	-56.94	-30	-26.94	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)	
45.07	-63.24	3.91	-59.33	-36	-23.33	PASS
92.72	-69.97	6.95	-63.02	-36	-27.02	PASS
412.25	-67.53	9.27	-58.26	-36	-22.26	PASS
899.91	-59.22	9.75	-49.47	-36	-13.47	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)	
1396.86	-54.12	18.05	-36.07	-30	-6.07	PASS
2870.26	-55.23	15.75	-39.48	-30	-9.48	PASS
3908.67	-55.06	13.06	-42.00	-30	-12.00	PASS
9584.08	-50.29	12.52	-37.77	-30	-7.77	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)	
35.34	-68.73	3.91	-64.82	-36	-28.82	PASS
115.98	-61.46	6.95	-54.51	-36	-18.51	PASS
463.12	-64.72	9.27	-55.45	-36	-19.45	PASS
674.55	-63.01	9.75	-53.26	-36	-17.26	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)	
1443.90	-59.46	18.05	-41.41	-30	-11.41	PASS
2332.74	-63.46	15.75	-47.71	-30	-17.71	PASS
3931.77	-49.45	13.06	-36.39	-30	-6.39	PASS
5581.43	-54.66	12.52	-42.14	-30	-12.14	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)	
67.73	-70.02	3.91	-66.11	-36	-30.11	PASS
116.44	-77.69	6.95	-70.74	-36	-34.74	PASS
441.44	-66.76	9.27	-57.49	-36	-21.49	PASS
863.54	-76.58	9.75	-66.83	-36	-30.83	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)	
1294.72	-68.28	18.05	-50.23	-30	-20.23	PASS
2058.90	-53.7	15.75	-37.95	-30	-7.95	PASS
3542.39	-68.43	13.06	-55.37	-30	-25.37	PASS
6812.48	-62.43	12.52	-49.91	-30	-19.91	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
81.00	-79.19	3.91	-75.28	-36	-39.28	PASS
122.51	-75.63	6.95	-68.68	-36	-32.68	PASS
344.26	-63.26	9.27	-53.99	-36	-17.99	PASS
741.78	-75.34	9.75	-65.59	-36	-29.59	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1864.58	-59.16	18.05	-41.11	-30	-11.11	PASS
2412.39	-50.95	15.75	-35.20	-30	-5.20	PASS
3642.12	-64.67	13.06	-51.61	-30	-21.61	PASS
6626.77	-65.23	12.52	-52.71	-30	-22.71	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)	
35.14	-74.31	3.91	-70.40	-36	-34.40	PASS
123.20	-72.12	6.95	-65.17	-36	-29.17	PASS
476.19	-61.96	9.27	-52.69	-36	-16.69	PASS
651.89	-62.94	9.75	-53.19	-36	-17.19	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1714.56	-55.41	18.05	-37.36	-30	-7.36	PASS
2458.10	-66.67	15.75	-50.92	-30	-20.92	PASS
3646.05	-62.24	13.06	-49.18	-30	-19.18	PASS
8530.91	-56.78	12.52	-44.26	-30	-14.26	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)	
69.66	-60.28	3.91	-56.37	-36	-20.37	PASS
158.43	-72.33	6.95	-65.38	-36	-29.38	PASS
462.19	-60.02	9.27	-50.75	-36	-14.75	PASS
634.88	-79.43	9.75	-69.68	-36	-33.68	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)	
1215.44	-63.02	18.05	-44.97	-30	-14.97	PASS
2900.45	-62.56	15.75	-46.81	-30	-16.81	PASS
3156.56	-65.9	13.06	-52.84	-30	-22.84	PASS
5483.24	-64.36	12.52	-51.84	-30	-21.84	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
73.60	-68.37	3.91	-64.46	-36	-28.46	PASS
106.66	-72.22	6.95	-65.27	-36	-29.27	PASS
484.42	-78.32	9.27	-69.05	-36	-33.05	PASS
796.63	-76.79	9.75	-67.04	-36	-31.04	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)	
1123.08	-64.43	18.05	-46.38	-30	-16.38	PASS
2949.47	-58.36	15.75	-42.61	-30	-12.61	PASS
3183.17	-59.48	13.06	-46.42	-30	-16.42	PASS
10717.25	-62.27	12.52	-49.75	-30	-19.75	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)	
68.74	-67.92	3.91	-64.01	-36	-28.01	PASS
148.32	-62.13	6.95	-55.18	-36	-19.18	PASS
202.22	-66.89	9.27	-57.62	-36	-21.62	PASS
879.22	-63.01	9.75	-53.26	-36	-17.26	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)	
1475.83	-68.03	18.05	-49.98	-30	-19.98	PASS
2104.74	-57.77	15.75	-42.02	-30	-12.02	PASS
3078.35	-51.86	13.06	-38.80	-30	-8.80	PASS
8856.44	-52.03	12.52	-39.51	-30	-9.51	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)	
50.07	-70.57	3.91	-66.66	-36	-30.66	PASS
149.06	-72.88	6.95	-65.93	-36	-29.93	PASS
547.58	-76.34	9.27	-67.07	-36	-31.07	PASS
755.28	-75.27	9.75	-65.52	-36	-29.52	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)	
1265.64	-56.65	18.05	-38.60	-30	-8.60	PASS
2220.77	-66.85	15.75	-51.10	-30	-21.10	PASS
3201.76	-65.42	13.06	-52.36	-30	-22.36	PASS
7433.98	-66.08	12.52	-53.56	-30	-23.56	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 3 CH L 20M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
83.19	-72.33	3.91	-68.42	-36	-32.42	PASS
114.79	-78.53	6.95	-71.58	-36	-35.58	PASS
446.15	-77.87	9.27	-68.60	-36	-32.60	PASS
704.55	-77.58	9.75	-67.83	-36	-31.83	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)	
1296.78	-60.64	18.05	-42.59	-30	-12.59	PASS
2640.59	-49.87	15.75	-34.12	-30	-4.12	PASS
3145.44	-54.83	13.06	-41.77	-30	-11.77	PASS
8570.63	-57.9	12.52	-45.38	-30	-15.38	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)	
38.36	-71.06	3.91	-67.15	-36	-31.15	PASS
92.19	-64.82	6.95	-57.87	-36	-21.87	PASS
287.81	-67.34	9.27	-58.07	-36	-22.07	PASS
699.74	-78.24	9.75	-68.49	-36	-32.49	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)	
1736.73	-50.58	18.05	-32.53	-30	-2.53	PASS
2084.45	-56.35	15.75	-40.60	-30	-10.60	PASS
3191.62	-55.24	13.06	-42.18	-30	-12.18	PASS
4416.21	-69.91	12.52	-57.39	-30	-27.39	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)	
86.72	-77.36	3.91	-73.45	-36	-37.45	PASS
125.83	-70.93	6.95	-63.98	-36	-27.98	PASS
411.30	-77.59	9.27	-68.32	-36	-32.32	PASS
654.41	-74.30	9.75	-64.55	-36	-28.55	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)	
1832.09	-61.6	18.05	-43.55	-30	-13.55	PASS
2565.87	-69.77	15.75	-54.02	-30	-24.02	PASS
3231.11	-60.17	13.06	-47.11	-30	-17.11	PASS
11413.06	-69.01	12.52	-56.49	-30	-26.49	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)	
31.08	-76.57	3.91	-72.66	-36	-36.66	PASS
130.81	-75.81	6.95	-68.86	-36	-32.86	PASS
469.83	-76.25	9.27	-66.98	-36	-30.98	PASS
601.03	-62.59	9.75	-52.84	-36	-16.84	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)	
1961.78	-65.1	18.05	-47.05	-30	-17.05	PASS
2026.78	-64.36	15.75	-48.61	-30	-18.61	PASS
3949.51	-63.78	13.06	-50.72	-30	-20.72	PASS
9213.81	-53.55	12.52	-41.03	-30	-11.03	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)	
50.76	-77.40	3.91	-73.49	-36	-37.49	PASS
139.88	-75.14	6.95	-68.19	-36	-32.19	PASS
560.81	-76.08	9.27	-66.81	-36	-30.81	PASS
779.92	-60.64	9.75	-50.89	-36	-14.89	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)	
1996.23	-52.22	18.05	-34.17	-30	-4.17	PASS
2251.32	-60.86	15.75	-45.11	-30	-15.11	PASS
3521.92	-66.97	13.06	-53.91	-30	-23.91	PASS
4081.43	-52.51	12.52	-39.99	-30	-9.99	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)	
41.96	-61.63	3.91	-57.72	-36	-21.72	PASS
130.57	-78.45	6.95	-71.50	-36	-35.50	PASS
514.33	-66.92	9.27	-57.65	-36	-21.65	PASS
631.44	-65.65	9.75	-55.90	-36	-19.90	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)	
1437.31	-65.35	18.05	-47.30	-30	-17.30	PASS
2420.50	-54.12	15.75	-38.37	-30	-8.37	PASS
3176.54	-65.35	13.06	-52.29	-30	-22.29	PASS
6830.44	-51.11	12.52	-38.59	-30	-8.59	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)	
56.67	-55.31	3.91	-51.40	-36	-15.40	PASS
148.22	-53.07	6.95	-46.12	-36	-10.12	PASS
560.45	-59.01	9.27	-49.74	-36	-13.74	PASS
672.93	-50.82	9.75	-41.07	-36	-5.07	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)	
1183.94	-53.78	18.05	-35.73	-30	-5.73	PASS
2636.17	-56.61	15.75	-40.86	-30	-10.86	PASS
3792.47	-49.66	13.06	-36.60	-30	-6.60	PASS
9064.46	-58.26	12.52	-45.74	-30	-15.74	PASS
Remark: 1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit						

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
62.04	-51.86	3.91	-47.95	-36	-11.95	PASS
93.48	-55.79	6.95	-48.84	-36	-12.84	PASS
374.02	-56.02	9.27	-46.75	-36	-10.75	PASS
638.23	-55.03	9.75	-45.28	-36	-9.28	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)	
1607.40	-50.23	18.05	-32.18	-30	-2.18	PASS
2319.33	-58.51	15.75	-42.76	-30	-12.76	PASS
3197.71	-59.24	13.06	-46.18	-30	-16.18	PASS
4208.36	-53.10	12.52	-40.58	-30	-10.58	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)	
83.33	-59.69	3.91	-55.78	-36	-19.78	PASS
127.77	-57.25	6.95	-50.30	-36	-14.30	PASS
386.12	-52.16	9.27	-42.89	-36	-6.89	PASS
753.11	-56.37	9.75	-46.62	-36	-10.62	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)	
1153.12	-50.53	18.05	-32.48	-30	-2.48	PASS
2207.78	-57.01	15.75	-41.26	-30	-11.26	PASS
3789.33	-59.56	13.06	-46.50	-30	-16.50	PASS
4455.38	-49.04	12.52	-36.52	-30	-6.52	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)	
38.41	-54.75	3.91	-50.84	-36	-14.84	PASS
122.01	-49.45	6.95	-42.50	-36	-6.50	PASS
498.39	-56.07	9.27	-46.80	-36	-10.80	PASS
657.43	-54.23	9.75	-44.48	-36	-8.48	PASS
Remark: 1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit						

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1308.44	-50.23	18.05	-32.18	-30	-2.18	PASS
2642.56	-58.95	15.75	-43.20	-30	-13.20	PASS
3967.13	-59.35	13.06	-46.29	-30	-16.29	PASS
4550.98	-55.62	12.52	-43.10	-30	-13.10	PASS
Remark: 1. Emission Level= Meter Reading + Factor, Margin= Emission Level- Limit						

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
59.07	-59.08	3.91	-55.17	-36	-19.17	PASS
173.03	-56.81	6.95	-49.86	-36	-13.86	PASS
360.28	-52.06	9.27	-42.79	-36	-6.79	PASS
783.54	-53.33	9.75	-43.58	-36	-7.58	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)	
1333.71	-57.80	18.05	-39.75	-30	-9.75	PASS
2394.56	-56.96	15.75	-41.21	-30	-11.21	PASS
3406.40	-57.40	13.06	-44.34	-30	-14.34	PASS
9169.96	-49.02	12.52	-36.50	-30	-6.50	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)	
31.06	-55.82	3.91	-51.91	-36	-15.91	PASS
134.12	-49.01	6.95	-42.06	-36	-6.06	PASS
297.14	-56.82	9.27	-47.55	-36	-11.55	PASS
823.22	-51.43	9.75	-41.68	-36	-5.68	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1375.62	-52.92	18.05	-34.87	-30	-4.87	PASS
2907.32	-53.91	15.75	-38.16	-30	-8.16	PASS
3912.32	-52.85	13.06	-39.79	-30	-9.79	PASS
11401.69	-49.95	12.52	-37.43	-30	-7.43	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
46.30	-62.07	3.91	-58.16	-36	-22.16	PASS
102.08	-60.72	6.95	-53.77	-36	-17.77	PASS
322.83	-79.06	9.27	-69.79	-36	-33.79	PASS
768.96	-79.24	9.75	-69.49	-36	-33.49	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)	
1717.67	-68.76	18.05	-50.71	-30	-20.71	PASS
2759.58	-58.65	15.75	-42.90	-30	-12.90	PASS
3218.46	-55.49	13.06	-42.43	-30	-12.43	PASS
10708.17	-63.59	12.52	-51.07	-30	-21.07	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)	
53.10	-76.23	3.91	-72.32	-36	-36.32	PASS
110.32	-61.83	6.95	-54.88	-36	-18.88	PASS
295.90	-77.99	9.27	-68.72	-36	-32.72	PASS
741.77	-59.50	9.75	-49.75	-36	-13.75	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)	
1822.90	-49.85	18.05	-31.80	-30	-1.80	PASS
2992.10	-55.79	15.75	-40.04	-30	-10.04	PASS
3623.19	-50.57	13.06	-37.51	-30	-7.51	PASS
5539.41	-54.47	12.52	-41.95	-30	-11.95	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)	
51.53	-74.88	3.91	-70.97	-36	-34.97	PASS
152.17	-72.07	6.95	-65.12	-36	-29.12	PASS
282.06	-72.42	9.27	-63.15	-36	-27.15	PASS
888.16	-75.81	9.75	-66.06	-36	-30.06	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)	
1883.66	-49.91	18.05	-31.86	-30	-1.86	PASS
2013.89	-51.43	15.75	-35.68	-30	-5.68	PASS
3000.18	-66.91	13.06	-53.85	-30	-23.85	PASS
7054.80	-66.1	12.52	-53.58	-30	-23.58	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)	
61.61	-62.37	3.91	-58.46	-36	-22.46	PASS
155.93	-60.88	6.95	-53.93	-36	-17.93	PASS
283.55	-70.06	9.27	-60.79	-36	-24.79	PASS
622.73	-76.31	9.75	-66.56	-36	-30.56	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)	
1119.81	-69.86	18.05	-51.81	-30	-21.81	PASS
2812.26	-55.3	15.75	-39.55	-30	-9.55	PASS
3542.85	-55.31	13.06	-42.25	-30	-12.25	PASS
4596.19	-49.65	12.52	-37.13	-30	-7.13	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)	
51.40	-67.74	3.91	-63.83	-36	-27.83	PASS
170.05	-62.94	6.95	-55.99	-36	-19.99	PASS
592.25	-63.13	9.27	-53.86	-36	-17.86	PASS
687.24	-77.30	9.75	-67.55	-36	-31.55	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)	
1398.92	-49.52	18.05	-31.47	-30	-1.47	PASS
2781.28	-67.22	15.75	-51.47	-30	-21.47	PASS
3179.08	-49.96	13.06	-36.90	-30	-6.90	PASS
11416.92	-50.84	12.52	-38.32	-30	-8.32	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)	
53.73	-70.14	3.91	-66.23	-36	-30.23	PASS
196.73	-60.89	6.95	-53.94	-36	-17.94	PASS
544.68	-64.47	9.27	-55.20	-36	-19.20	PASS
720.98	-74.67	9.75	-64.92	-36	-28.92	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)	
1962.02	-69.73	18.05	-51.68	-30	-21.68	PASS
2894.56	-67.71	15.75	-51.96	-30	-21.96	PASS
3033.72	-57.43	13.06	-44.37	-30	-14.37	PASS
4895.69	-52.56	12.52	-40.04	-30	-10.04	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
85.19	-68.55	3.91	-64.64	-36	-28.64	PASS
185.37	-73.35	6.95	-66.40	-36	-30.40	PASS
443.28	-74.30	9.27	-65.03	-36	-29.03	PASS
795.68	-79.99	9.75	-70.24	-36	-34.24	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)	
1096.54	-69.76	18.05	-51.71	-30	-21.71	PASS
2009.59	-61.48	15.75	-45.73	-30	-15.73	PASS
3572.12	-66.12	13.06	-53.06	-30	-23.06	PASS
11148.79	-58.93	12.52	-46.41	-30	-16.41	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)	
65.43	-62.71	3.91	-58.80	-36	-22.80	PASS
112.32	-76.80	6.95	-69.85	-36	-33.85	PASS
600.25	-79.08	9.27	-69.81	-36	-33.81	PASS
702.69	-62.86	9.75	-53.11	-36	-17.11	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)	
1558.78	-66.26	18.05	-48.21	-30	-18.21	PASS
2641.23	-50.47	15.75	-34.72	-30	-4.72	PASS
3506.55	-50.87	13.06	-37.81	-30	-7.81	PASS
8634.11	-61.28	12.52	-48.76	-30	-18.76	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
76.59	-70.31	3.91	-66.40	-36	-30.40	PASS
124.41	-67.63	6.95	-60.68	-36	-24.68	PASS
365.88	-73.91	9.27	-64.64	-36	-28.64	PASS
645.45	-77.38	9.75	-67.63	-36	-31.63	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)	
1473.20	-50.44	18.05	-32.39	-30	-2.39	PASS
2543.49	-64.21	15.75	-48.46	-30	-18.46	PASS
3442.66	-56.68	13.06	-43.62	-30	-13.62	PASS
11586.65	-60.9	12.52	-48.38	-30	-18.38	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)	
51.38	-66.94	3.91	-63.03	-36	-27.03	PASS
92.58	-70.12	6.95	-63.17	-36	-27.17	PASS
220.64	-74.10	9.27	-64.83	-36	-28.83	PASS
639.46	-64.81	9.75	-55.06	-36	-19.06	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)	
1049.24	-56.02	18.05	-37.97	-30	-7.97	PASS
2920.04	-59.24	15.75	-43.49	-30	-13.49	PASS
3938.25	-51.68	13.06	-38.62	-30	-8.62	PASS
6845.15	-58.31	12.52	-45.79	-30	-15.79	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)	
87.44	-75.82	3.91	-71.91	-36	-35.91	PASS
200.31	-69.09	6.95	-62.14	-36	-26.14	PASS
351.70	-68.79	9.27	-59.52	-36	-23.52	PASS
690.13	-74.09	9.75	-64.34	-36	-28.34	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)	
1618.62	-60.03	18.05	-41.98	-30	-11.98	PASS
2699.17	-65.45	15.75	-49.70	-30	-19.70	PASS
3042.11	-64.69	13.06	-51.63	-30	-21.63	PASS
11673.82	-69.57	12.52	-57.05	-30	-27.05	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)	
56.25	-64.79	3.91	-60.88	-36	-24.88	PASS
172.22	-73.18	6.95	-66.23	-36	-30.23	PASS
375.93	-70.11	9.27	-60.84	-36	-24.84	PASS
783.02	-61.43	9.75	-51.68	-36	-15.68	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)	
1620.03	-68	18.05	-49.95	-30	-19.95	PASS
2852.56	-56.57	15.75	-40.82	-30	-10.82	PASS
3459.60	-69.01	13.06	-55.95	-30	-25.95	PASS
8420.57	-57.8	12.52	-45.28	-30	-15.28	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
80.30	-68.59	3.91	-64.68	-36	-28.68	PASS
184.09	-67.55	6.95	-60.60	-36	-24.60	PASS
551.64	-61.04	9.27	-51.77	-36	-15.77	PASS
841.17	-70.37	9.75	-60.62	-36	-24.62	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1658.06	-62.03	18.05	-43.98	-30	-13.98	PASS
2753.09	-60.88	15.75	-45.13	-30	-15.13	PASS
3169.12	-68.01	13.06	-54.95	-30	-24.95	PASS
4017.88	-63.76	12.52	-51.24	-30	-21.24	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)	
67.88	-74.45	3.91	-70.54	-36	-34.54	PASS
134.67	-79.58	6.95	-72.63	-36	-36.63	PASS
232.68	-70.66	9.27	-61.39	-36	-25.39	PASS
700.44	-67.85	9.75	-58.10	-36	-22.10	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)	
1052.57	-50.32	18.05	-32.27	-30	-2.27	PASS
2206.49	-60.5	15.75	-44.75	-30	-14.75	PASS
3805.02	-59.36	13.06	-46.30	-30	-16.30	PASS
8986.02	-53.7	12.52	-41.18	-30	-11.18	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)	
54.93	-79.43	3.91	-75.52	-36	-39.52	PASS
147.18	-71.80	6.95	-64.85	-36	-28.85	PASS
544.49	-70.81	9.27	-61.54	-36	-25.54	PASS
690.88	-78.25	9.75	-68.50	-36	-32.50	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)	
1949.82	-52.2	18.05	-34.15	-30	-4.15	PASS
2243.27	-64.26	15.75	-48.51	-30	-18.51	PASS
3260.73	-67.38	13.06	-54.32	-30	-24.32	PASS
11592.43	-60.29	12.52	-47.77	-30	-17.77	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
48.16	-60.02	3.91	-56.11	-36	-20.11	PASS
150.24	-67.15	6.95	-60.20	-36	-24.20	PASS
283.72	-64.85	9.27	-55.58	-36	-19.58	PASS
751.92	-67.42	9.75	-57.67	-36	-21.67	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1181.15	-57.17	18.05	-39.12	-30	-9.12	PASS
2306.03	-57.06	15.75	-41.31	-30	-11.31	PASS
3544.75	-59.37	13.06	-46.31	-30	-16.31	PASS
11260.61	-59.9	12.52	-47.38	-30	-17.38	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)	
49.36	-59.68	3.91	-55.77	-36	-19.77	PASS
170.14	-68.38	6.95	-61.43	-36	-25.43	PASS
302.99	-74.97	9.27	-65.70	-36	-29.70	PASS
885.32	-63.42	9.75	-53.67	-36	-17.67	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)	
1530.24	-60.76	18.05	-42.71	-30	-12.71	PASS
2480.99	-49.73	15.75	-33.98	-30	-3.98	PASS
3739.06	-56.87	13.06	-43.81	-30	-13.81	PASS
8034.10	-60.9	12.52	-48.38	-30	-18.38	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
38.29	-64.59	3.91	-60.68	-36	-24.68	PASS
155.47	-71.35	6.95	-64.40	-36	-28.40	PASS
598.76	-78.91	9.27	-69.64	-36	-33.64	PASS
715.22	-69.66	9.75	-59.91	-36	-23.91	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)	
1296.63	-64.8	18.05	-46.75	-30	-16.75	PASS
2585.69	-49.16	15.75	-33.41	-30	-3.41	PASS
3182.99	-59.17	13.06	-46.11	-30	-16.11	PASS
5766.50	-54.24	12.52	-41.72	-30	-11.72	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)	
51.00	-74.49	3.91	-70.58	-36	-34.58	PASS
127.63	-68.05	6.95	-61.10	-36	-25.10	PASS
374.01	-76.13	9.27	-66.86	-36	-30.86	PASS
880.25	-66.34	9.75	-56.59	-36	-20.59	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)	
1951.23	-69.8	18.05	-51.75	-30	-21.75	PASS
2424.23	-62.19	15.75	-46.44	-30	-16.44	PASS
3923.45	-60.88	13.06	-47.82	-30	-17.82	PASS
7996.34	-52.61	12.52	-40.09	-30	-10.09	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)	
40.61	-75.47	3.91	-71.56	-36	-35.56	PASS
102.79	-73.36	6.95	-66.41	-36	-30.41	PASS
522.93	-75.53	9.27	-66.26	-36	-30.26	PASS
705.49	-75.19	9.75	-65.44	-36	-29.44	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)	
1969.39	-67.64	18.05	-49.59	-30	-19.59	PASS
2533.98	-63.16	15.75	-47.41	-30	-17.41	PASS
3509.91	-56.84	13.06	-43.78	-30	-13.78	PASS
5933.76	-54.49	12.52	-41.97	-30	-11.97	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
54.98	-71.14	3.91	-67.23	-36	-31.23	PASS
194.64	-74.01	6.95	-67.06	-36	-31.06	PASS
293.06	-66.43	9.27	-57.16	-36	-21.16	PASS
811.82	-61.17	9.75	-51.42	-36	-15.42	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)	
1522.72	-67.98	18.05	-49.93	-30	-19.93	PASS
2394.27	-68.03	15.75	-52.28	-30	-22.28	PASS
3079.48	-55.96	13.06	-42.90	-30	-12.90	PASS
9982.57	-69.74	12.52	-57.22	-30	-27.22	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)	
60.01	-74.23	3.91	-70.32	-36	-34.32	PASS
196.28	-76.67	6.95	-69.72	-36	-33.72	PASS
479.82	-74.29	9.27	-65.02	-36	-29.02	PASS
869.62	-73.40	9.75	-63.65	-36	-27.65	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)	
1764.93	-66.8	18.05	-48.75	-30	-18.75	PASS
2448.71	-53.68	15.75	-37.93	-30	-7.93	PASS
3572.33	-66.94	13.06	-53.88	-30	-23.88	PASS
10681.79	-62.49	12.52	-49.97	-30	-19.97	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
78.76	-69.47	3.91	-65.56	-36	-29.56	PASS
139.51	-65.18	6.95	-58.23	-36	-22.23	PASS
439.49	-75.67	9.27	-66.40	-36	-30.40	PASS
663.41	-60.96	9.75	-51.21	-36	-15.21	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)	
1254.35	-65.24	18.05	-47.19	-30	-17.19	PASS
2772.97	-65.83	15.75	-50.08	-30	-20.08	PASS
3500.85	-63.3	13.06	-50.24	-30	-20.24	PASS
10626.59	-61.72	12.52	-49.20	-30	-19.20	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
41.26	-67.00	3.91	-63.09	-36	-27.09	PASS
135.64	-67.85	6.95	-60.90	-36	-24.90	PASS
412.03	-74.23	9.27	-64.96	-36	-28.96	PASS
855.03	-73.92	9.75	-64.17	-36	-28.17	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)	
1868.72	-57.09	18.05	-39.04	-30	-9.04	PASS
2372.96	-50.48	15.75	-34.73	-30	-4.73	PASS
3433.37	-62.1	13.06	-49.04	-30	-19.04	PASS
10086.93	-62.74	12.52	-50.22	-30	-20.22	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
84.61	-60.57	3.91	-56.66	-36	-20.66	PASS
128.67	-62.52	6.95	-55.57	-36	-19.57	PASS
519.11	-78.73	9.27	-69.46	-36	-33.46	PASS
799.06	-71.85	9.75	-62.10	-36	-26.10	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)	
1600.37	-58.89	18.05	-40.84	-30	-10.84	PASS
2473.34	-69.53	15.75	-53.78	-30	-23.78	PASS
3818.35	-50.13	13.06	-37.07	-30	-7.07	PASS
10364.58	-51.44	12.52	-38.92	-30	-8.92	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)	
86.91	-76.59	3.91	-72.68	-36	-36.68	PASS
151.77	-60.19	6.95	-53.24	-36	-17.24	PASS
429.66	-63.10	9.27	-53.83	-36	-17.83	PASS
832.50	-63.84	9.75	-54.09	-36	-18.09	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)	
1305.01	-58.48	18.05	-40.43	-30	-10.43	PASS
2929.97	-63.62	15.75	-47.87	-30	-17.87	PASS
3083.78	-67.29	13.06	-54.23	-30	-24.23	PASS
6826.11	-51.85	12.52	-39.33	-30	-9.33	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
50.75	-77.85	3.91	-73.94	-36	-37.94	PASS
197.41	-69.56	6.95	-62.61	-36	-26.61	PASS
570.75	-75.62	9.27	-66.35	-36	-30.35	PASS
760.05	-76.81	9.75	-67.06	-36	-31.06	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)	
1752.47	-57.65	18.05	-39.60	-30	-9.60	PASS
2219.66	-69.8	15.75	-54.05	-30	-24.05	PASS
3382.91	-54.45	13.06	-41.39	-30	-11.39	PASS
7944.11	-54.84	12.52	-42.32	-30	-12.32	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
76.74	-70.18	3.91	-66.27	-36	-30.27	PASS
167.55	-59.21	6.95	-52.26	-36	-16.26	PASS
440.86	-61.53	9.27	-52.26	-36	-16.26	PASS
827.22	-68.25	9.75	-58.50	-36	-22.50	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)	
1961.23	-50.65	18.05	-32.60	-30	-2.60	PASS
2312.37	-57.63	15.75	-41.88	-30	-11.88	PASS
3775.32	-67.86	13.06	-54.80	-30	-24.80	PASS
5284.15	-63.11	12.52	-50.59	-30	-20.59	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
82.77	-68.97	3.91	-65.06	-36	-29.06	PASS
134.58	-70.53	6.95	-63.58	-36	-27.58	PASS
299.58	-75.86	9.27	-66.59	-36	-30.59	PASS
685.98	-67.96	9.75	-58.21	-36	-22.21	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1219.65	-53.76	18.05	-35.71	-30	-5.71	PASS
2411.71	-67.71	15.75	-51.96	-30	-21.96	PASS
3453.06	-63.37	13.06	-50.31	-30	-20.31	PASS
11433.11	-51.03	12.52	-38.51	-30	-8.51	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)	
54.09	-68.27	3.91	-64.36	-36	-28.36	PASS
110.77	-70.76	6.95	-63.81	-36	-27.81	PASS
428.21	-61.44	9.27	-52.17	-36	-16.17	PASS
676.86	-70.10	9.75	-60.35	-36	-24.35	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1438.63	-51.05	18.05	-33.00	-30	-3.00	PASS
2786.36	-66.84	15.75	-51.09	-30	-21.09	PASS
3126.18	-61.6	13.06	-48.54	-30	-18.54	PASS
6067.63	-67.62	12.52	-55.10	-30	-25.10	PASS

Remark:

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

Idle Mode

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

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
71.52	H	-69.92	8.07	-61.85	-57	-4.85	PASS
125.90	H	-86.86	7.62	-79.24	-57	-22.24	PASS
466.22	H	-89.10	5.62	-83.48	-57	-26.48	PASS
863.26	H	-74.20	8.80	-65.40	-57	-8.40	PASS
81.68	V	-87.79	2.77	-85.02	-57	-28.02	PASS
125.99	V	-70.49	7.04	-63.45	-57	-6.45	PASS
286.28	V	-69.71	5.42	-64.29	-57	-7.29	PASS
795.08	V	-86.67	4.44	-82.23	-57	-25.23	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)	
1477.32	V	-68.12	8.92	-59.20	-47	-12.20	PASS
2794.50	V	-71.65	14.79	-56.86	-47	-9.86	PASS
3137.09	V	-71.69	11.97	-59.72	-47	-12.72	PASS
10384.33	V	-75.11	14.58	-60.53	-47	-13.53	PASS
1399.19	H	-67.39	11.13	-56.26	-47	-9.26	PASS
2871.15	H	-78.51	8.20	-70.31	-47	-23.31	PASS
3177.72	H	-75.64	11.93	-63.71	-47	-16.71	PASS
11388.54	H	-68.10	14.12	-53.98	-47	-6.98	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)	
47.44	H	-70.86	8.07	-62.79	-57	-5.79	PASS
119.80	H	-73.95	7.62	-66.33	-57	-9.33	PASS
209.93	H	-87.64	5.62	-82.02	-57	-25.02	PASS
684.44	H	-71.96	8.80	-63.16	-57	-6.16	PASS
33.99	V	-78.41	2.77	-75.64	-57	-18.64	PASS
174.60	V	-80.73	7.04	-73.69	-57	-16.69	PASS
259.15	V	-78.66	5.42	-73.24	-57	-16.24	PASS
899.06	V	-75.74	4.44	-71.30	-57	-14.30	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)	
1985.05	V	-72.18	8.92	-63.26	-47	-16.26	PASS
2860.54	V	-64.33	14.79	-49.54	-47	-2.54	PASS
3469.89	V	-64.10	11.97	-52.13	-47	-5.13	PASS
9081.27	V	-75.08	14.58	-60.50	-47	-13.50	PASS
1602.81	H	-78.50	11.13	-67.37	-47	-20.37	PASS
2762.96	H	-77.52	8.20	-69.32	-47	-22.32	PASS
3487.00	H	-73.36	11.93	-61.43	-47	-14.43	PASS
11496.51	H	-68.44	14.12	-54.32	-47	-7.32	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)	
88.91	H	-81.32	8.07	-73.25	-57	-16.25	PASS
128.00	H	-82.81	7.62	-75.19	-57	-18.19	PASS
562.25	H	-70.67	5.62	-65.05	-57	-8.05	PASS
619.82	H	-73.51	8.80	-64.71	-57	-7.71	PASS
77.81	V	-83.84	2.77	-81.07	-57	-24.07	PASS
141.23	V	-76.04	7.04	-69.00	-57	-12.00	PASS
506.54	V	-77.72	5.42	-72.30	-57	-15.30	PASS
863.45	V	-82.42	4.44	-77.98	-57	-20.98	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)	
1631.55	V	-69.85	8.92	-60.93	-47	-13.93	PASS
2225.61	V	-64.51	14.79	-49.72	-47	-2.72	PASS
3435.19	V	-69.08	11.97	-57.11	-47	-10.11	PASS
9970.31	V	-69.64	14.58	-55.06	-47	-8.06	PASS
1744.92	H	-70.06	11.13	-58.93	-47	-11.93	PASS
2904.47	H	-65.13	8.20	-56.93	-47	-9.93	PASS
3651.85	H	-75.32	11.93	-63.39	-47	-16.39	PASS
9592.40	H	-71.92	14.12	-57.80	-47	-10.80	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)	
41.20	H	-86.19	8.07	-78.12	-57	-21.12	PASS
143.74	H	-74.27	7.62	-66.65	-57	-9.65	PASS
504.11	H	-82.83	5.62	-77.21	-57	-20.21	PASS
865.39	H	-88.94	8.80	-80.14	-57	-23.14	PASS
38.53	V	-76.15	2.77	-73.38	-57	-16.38	PASS
125.48	V	-73.08	7.04	-66.04	-57	-9.04	PASS
415.20	V	-80.29	5.42	-74.87	-57	-17.87	PASS
830.51	V	-78.05	4.44	-73.61	-57	-16.61	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)	
1046.39	V	-76.81	8.92	-67.89	-47	-20.89	PASS
2161.96	V	-73.61	14.79	-58.82	-47	-11.82	PASS
3161.16	V	-75.18	11.97	-63.21	-47	-16.21	PASS
4234.02	V	-77.93	14.58	-63.35	-47	-16.35	PASS
1598.28	H	-64.92	11.13	-53.79	-47	-6.79	PASS
2931.44	H	-64.74	8.20	-56.54	-47	-9.54	PASS
3127.56	H	-66.31	11.93	-54.38	-47	-7.38	PASS
7883.94	H	-74.90	14.12	-60.78	-47	-13.78	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)	
75.76	H	-81.49	8.07	-73.42	-57	-16.42	PASS
192.42	H	-82.64	7.62	-75.02	-57	-18.02	PASS
365.45	H	-82.15	5.62	-76.53	-57	-19.53	PASS
624.84	H	-87.45	8.80	-78.65	-57	-21.65	PASS
59.02	V	-85.25	2.77	-82.48	-57	-25.48	PASS
151.83	V	-70.84	7.04	-63.80	-57	-6.80	PASS
375.98	V	-69.68	5.42	-64.26	-57	-7.26	PASS
721.55	V	-86.72	4.44	-82.28	-57	-25.28	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)	
1956.14	V	-75.22	8.92	-66.30	-47	-19.30	PASS
2764.19	V	-65.21	14.79	-50.42	-47	-3.42	PASS
3074.78	V	-73.81	11.97	-61.84	-47	-14.84	PASS
8201.23	V	-71.45	14.58	-56.87	-47	-9.87	PASS
1399.22	H	-75.93	11.13	-64.80	-47	-17.80	PASS
2226.15	H	-66.27	8.20	-58.07	-47	-11.07	PASS
3629.30	H	-79.96	11.93	-68.03	-47	-21.03	PASS
7232.49	H	-71.24	14.12	-57.12	-47	-10.12	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)	
83.38	H	-79.49	8.07	-71.42	-57	-14.42	PASS
102.35	H	-81.22	7.62	-73.60	-57	-16.60	PASS
542.70	H	-73.32	5.62	-67.70	-57	-10.70	PASS
886.37	H	-79.59	8.80	-70.79	-57	-13.79	PASS
48.11	V	-85.17	2.77	-82.40	-57	-25.40	PASS
106.12	V	-80.39	7.04	-73.35	-57	-16.35	PASS
551.08	V	-78.57	5.42	-73.15	-57	-16.15	PASS
742.13	V	-76.99	4.44	-72.55	-57	-15.55	PASS

Remark:

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

Band 3 CH H 20M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1874.78	V	-79.13	8.92	-70.21	-47	-23.21	PASS
2091.85	V	-66.79	14.79	-52.00	-47	-5.00	PASS
3472.90	V	-73.15	11.97	-61.18	-47	-14.18	PASS
11018.92	V	-75.34	14.58	-60.76	-47	-13.76	PASS
1214.97	H	-67.95	11.13	-56.82	-47	-9.82	PASS
2624.24	H	-73.20	8.20	-65.00	-47	-18.00	PASS
3598.04	H	-74.69	11.93	-62.76	-47	-15.76	PASS
9111.28	H	-78.17	14.12	-64.05	-47	-17.05	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)	
31.06	H	-76.39	8.07	-68.32	-57	-11.32	PASS
166.30	H	-71.03	7.62	-63.41	-57	-6.41	PASS
301.93	H	-73.83	5.62	-68.21	-57	-11.21	PASS
752.84	H	-72.79	8.80	-63.99	-57	-6.99	PASS
90.01	V	-73.13	2.77	-70.36	-57	-13.36	PASS
121.86	V	-74.58	7.04	-67.54	-57	-10.54	PASS
570.44	V	-73.23	5.42	-67.81	-57	-10.81	PASS
878.48	V	-69.87	4.44	-65.43	-57	-8.43	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)	
1089.02	V	-68.94	8.92	-60.02	-47	-13.02	PASS
2597.62	V	-67.69	14.79	-52.90	-47	-5.90	PASS
3925.21	V	-68.43	11.97	-56.46	-47	-9.46	PASS
8815.87	V	-66.51	14.58	-51.93	-47	-4.93	PASS
1642.08	H	-64.54	11.13	-53.41	-47	-6.41	PASS
2283.81	H	-64.79	8.20	-56.59	-47	-9.59	PASS
3773.86	H	-67.69	11.93	-55.76	-47	-8.76	PASS
7900.73	H	-68.47	14.12	-54.35	-47	-7.35	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)	
30.29	H	-79.23	8.07	-71.16	-57	-14.16	PASS
99.17	H	-71.01	7.62	-63.39	-57	-6.39	PASS
481.19	H	-76.82	5.62	-71.20	-57	-14.20	PASS
795.48	H	-77.89	8.80	-69.09	-57	-12.09	PASS
82.68	V	-69.07	2.77	-66.30	-57	-9.30	PASS
127.54	V	-78.89	7.04	-71.85	-57	-14.85	PASS
236.65	V	-77.88	5.42	-72.46	-57	-15.46	PASS
684.03	V	-69.00	4.44	-64.56	-57	-7.56	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)	
1486.68	V	-66.38	8.92	-57.46	-47	-10.46	PASS
2051.11	V	-65.83	14.79	-51.04	-47	-4.04	PASS
3596.88	V	-64.41	11.97	-52.44	-47	-5.44	PASS
7192.41	V	-64.45	14.58	-49.87	-47	-2.87	PASS
1677.20	H	-68.21	11.13	-57.08	-47	-10.08	PASS
2853.26	H	-69.15	8.20	-60.95	-47	-13.95	PASS
3833.61	H	-64.79	11.93	-52.86	-47	-5.86	PASS
7085.75	H	-68.79	14.12	-54.67	-47	-7.67	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)	
34.99	H	-79.96	8.07	-71.89	-57	-14.89	PASS
119.45	H	-70.73	7.62	-63.11	-57	-6.11	PASS
418.21	H	-79.19	5.62	-73.57	-57	-16.57	PASS
778.45	H	-73.51	8.80	-64.71	-57	-7.71	PASS
50.36	V	-72.59	2.77	-69.82	-57	-12.82	PASS
191.34	V	-72.34	7.04	-65.30	-57	-8.30	PASS
551.01	V	-73.88	5.42	-68.46	-57	-11.46	PASS
814.06	V	-73.59	4.44	-69.15	-57	-12.15	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)	
1765.15	V	-68.70	8.92	-59.78	-47	-12.78	PASS
2125.83	V	-68.10	14.79	-53.31	-47	-6.31	PASS
3844.65	V	-64.19	11.97	-52.22	-47	-5.22	PASS
7258.35	V	-66.26	14.58	-51.68	-47	-4.68	PASS
1630.22	H	-68.28	11.13	-57.15	-47	-10.15	PASS
2358.59	H	-69.73	8.20	-61.53	-47	-14.53	PASS
3420.47	H	-67.04	11.93	-55.11	-47	-8.11	PASS
10221.89	H	-68.12	14.12	-54.00	-47	-7.00	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)	
85.31	H	-69.24	8.07	-61.17	-57	-4.17	PASS
96.75	H	-83.07	7.62	-75.45	-57	-18.45	PASS
241.34	H	-70.91	5.62	-65.29	-57	-8.29	PASS
700.67	H	-72.32	8.80	-63.52	-57	-6.52	PASS
76.05	V	-78.45	2.77	-75.68	-57	-18.68	PASS
185.49	V	-69.74	7.04	-62.70	-57	-5.70	PASS
579.74	V	-79.81	5.42	-74.39	-57	-17.39	PASS
761.05	V	-77.97	4.44	-73.53	-57	-16.53	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)	
1287.58	V	-78.30	8.92	-69.38	-47	-22.38	PASS
2039.08	V	-65.81	14.79	-51.02	-47	-4.02	PASS
3396.98	V	-71.05	11.97	-59.08	-47	-12.08	PASS
10505.88	V	-65.63	14.58	-51.05	-47	-4.05	PASS
1142.20	H	-73.85	11.13	-62.72	-47	-15.72	PASS
2036.24	H	-70.15	8.20	-61.95	-47	-14.95	PASS
3827.80	H	-79.01	11.93	-67.08	-47	-20.08	PASS
6802.79	H	-73.57	14.12	-59.45	-47	-12.45	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)	
42.79	H	-87.98	8.07	-79.91	-57	-22.91	PASS
145.21	H	-78.60	7.62	-70.98	-57	-13.98	PASS
488.14	H	-87.59	5.62	-81.97	-57	-24.97	PASS
651.23	H	-79.87	8.80	-71.07	-57	-14.07	PASS
38.69	V	-85.80	2.77	-83.03	-57	-26.03	PASS
158.98	V	-73.85	7.04	-66.81	-57	-9.81	PASS
274.17	V	-82.81	5.42	-77.39	-57	-20.39	PASS
834.12	V	-84.56	4.44	-80.12	-57	-23.12	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)	
1799.19	V	-67.60	8.92	-58.68	-47	-11.68	PASS
2012.96	V	-77.76	14.79	-62.97	-47	-15.97	PASS
3954.06	V	-78.76	11.97	-66.79	-47	-19.79	PASS
9396.54	V	-66.45	14.58	-51.87	-47	-4.87	PASS
1580.51	H	-74.66	11.13	-63.53	-47	-16.53	PASS
2821.10	H	-75.94	8.20	-67.74	-47	-20.74	PASS
3547.07	H	-75.80	11.93	-63.87	-47	-16.87	PASS
4075.37	H	-79.73	14.12	-65.61	-47	-18.61	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)	
65.99	H	-69.52	8.07	-61.45	-57	-4.45	PASS
103.95	H	-83.58	7.62	-75.96	-57	-18.96	PASS
395.39	H	-73.33	5.62	-67.71	-57	-10.71	PASS
660.23	H	-88.11	8.80	-79.31	-57	-22.31	PASS
72.70	V	-69.91	2.77	-67.14	-57	-10.14	PASS
171.39	V	-77.29	7.04	-70.25	-57	-13.25	PASS
270.84	V	-70.42	5.42	-65.00	-57	-8.00	PASS
775.83	V	-86.96	4.44	-82.52	-57	-25.52	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)	
1382.86	V	-78.43	8.92	-69.51	-47	-22.51	PASS
2688.80	V	-73.05	14.79	-58.26	-47	-11.26	PASS
3661.76	V	-78.77	11.97	-66.80	-47	-19.80	PASS
5677.94	V	-74.17	14.58	-59.59	-47	-12.59	PASS
1864.23	H	-75.82	11.13	-64.69	-47	-17.69	PASS
2119.82	H	-78.78	8.20	-70.58	-47	-23.58	PASS
3201.29	H	-66.99	11.93	-55.06	-47	-8.06	PASS
9618.02	H	-66.07	14.12	-51.95	-47	-4.95	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)	
43.53	H	-81.45	8.07	-73.38	-57	-16.38	PASS
195.55	H	-88.78	7.62	-81.16	-57	-24.16	PASS

520.90	H	-82.47	5.62	-76.85	-57	-19.85	PASS
752.13	H	-78.00	8.80	-69.20	-57	-12.20	PASS
67.37	V	-76.81	2.77	-74.04	-57	-17.04	PASS
105.96	V	-71.99	7.04	-64.95	-57	-7.95	PASS
222.05	V	-84.05	5.42	-78.63	-57	-21.63	PASS
823.93	V	-69.11	4.44	-64.67	-57	-7.67	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)	
1586.77	V	-78.77	8.92	-69.85	-47	-22.85	PASS
2698.18	V	-76.56	14.79	-61.77	-47	-14.77	PASS
3870.90	V	-68.41	11.97	-56.44	-47	-9.44	PASS
7442.13	V	-66.64	14.58	-52.06	-47	-5.06	PASS
1211.64	H	-69.11	11.13	-57.98	-47	-10.98	PASS
2964.87	H	-75.28	8.20	-67.08	-47	-20.08	PASS
3827.82	H	-77.28	11.93	-65.35	-47	-18.35	PASS
10915.30	H	-75.91	14.12	-61.79	-47	-14.79	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)	
80.18	H	-69.43	8.07	-61.36	-57	-4.36	PASS
145.79	H	-78.73	7.62	-71.11	-57	-14.11	PASS
414.36	H	-72.19	5.62	-66.57	-57	-9.57	PASS
791.69	H	-79.83	8.80	-71.03	-57	-14.03	PASS
78.90	V	-87.57	2.77	-84.80	-57	-27.80	PASS
102.99	V	-78.96	7.04	-71.92	-57	-14.92	PASS
210.74	V	-76.10	5.42	-70.68	-57	-13.68	PASS
879.80	V	-83.10	4.44	-78.66	-57	-21.66	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)	
1455.89	V	-76.35	8.92	-67.43	-47	-20.43	PASS
2471.16	V	-74.45	14.79	-59.66	-47	-12.66	PASS
3082.94	V	-64.29	11.97	-52.32	-47	-5.32	PASS
6711.97	V	-76.13	14.58	-61.55	-47	-14.55	PASS
1138.51	H	-74.88	11.13	-63.75	-47	-16.75	PASS
2154.25	H	-77.44	8.20	-69.24	-47	-22.24	PASS
3993.19	H	-74.66	11.93	-62.73	-47	-15.73	PASS
8385.36	H	-76.76	14.12	-62.64	-47	-15.64	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)	
41.10	H	-80.85	8.07	-72.78	-57	-15.78	PASS
177.07	H	-80.49	7.62	-72.87	-57	-15.87	PASS
326.13	H	-75.09	5.62	-69.47	-57	-12.47	PASS
782.96	H	-80.38	8.80	-71.58	-57	-14.58	PASS
39.41	V	-88.47	2.77	-85.70	-57	-28.70	PASS
95.12	V	-70.01	7.04	-62.97	-57	-5.97	PASS
360.42	V	-80.62	5.42	-75.20	-57	-18.20	PASS
701.47	V	-81.86	4.44	-77.42	-57	-20.42	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)	
1636.91	V	-73.06	8.92	-64.14	-47	-17.14	PASS
2921.91	V	-66.91	14.79	-52.12	-47	-5.12	PASS
3691.72	V	-75.07	11.97	-63.10	-47	-16.10	PASS
8374.09	V	-77.56	14.58	-62.98	-47	-15.98	PASS
1758.16	H	-78.49	11.13	-67.36	-47	-20.36	PASS
2973.25	H	-74.60	8.20	-66.40	-47	-19.40	PASS
3131.43	H	-66.58	11.93	-54.65	-47	-7.65	PASS
6818.70	H	-67.09	14.12	-52.97	-47	-5.97	PASS

Remark:

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

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

D.2. CONTROL AND MONITORING FUNCTIONS (UE)

Definition & Limits

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

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

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

Limits:

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

Test method

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

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

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

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

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

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

Test Data

Test Condition	Monitoring band	Max Measured Power(dBm)	Limit(dBm)	Result
Normal	The whole band range	-44.58	-30	Pass

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

Definition

The UE shall monitor the DPCCH quality in order to detect a loss of the signal on Layer 1.

The threshold Q_{out} specifies at what DPCCH quality levels the UE shall shut its power off.

The threshold is not defined explicitly, but is defined by the conditions under which the UE shall shut its transmitter off, as stated in this clause.

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

Limits

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

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

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

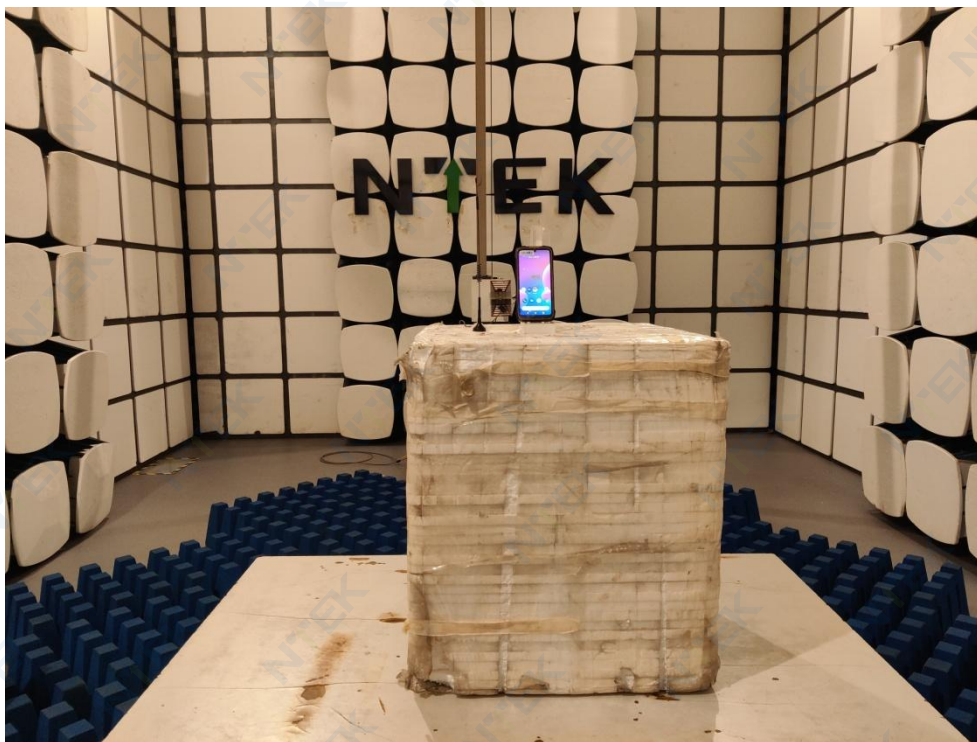
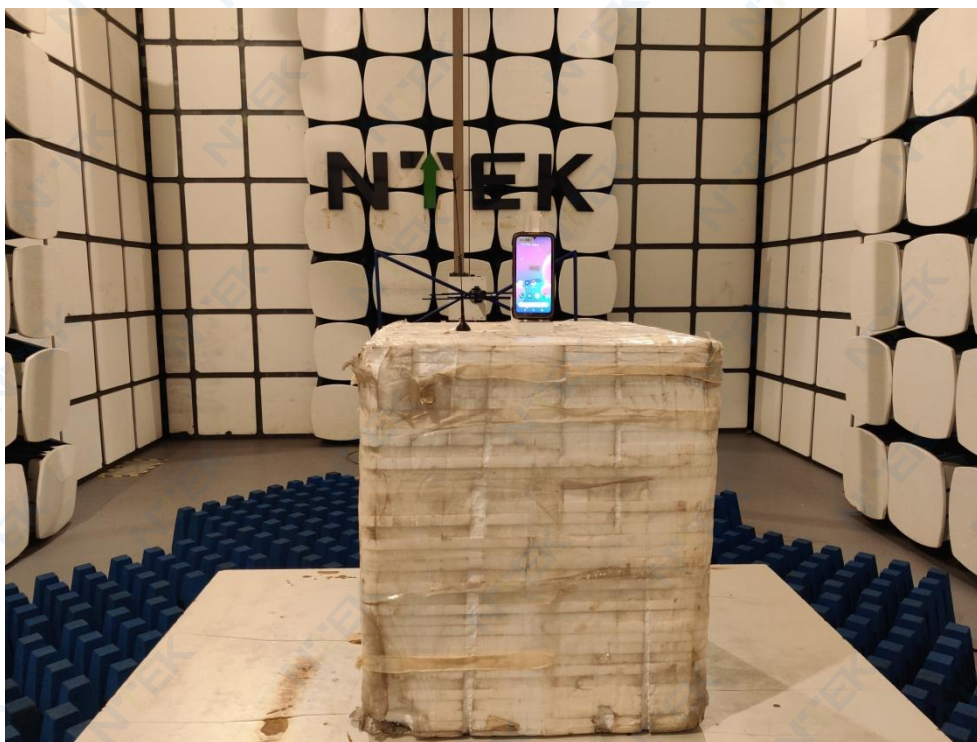
Test Result: Pass.

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