



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 5

Family Model : N/A

Report No. : S21042201103006

Prepared for

Shenzhen Huafurui Technology Co., Ltd.

Unit 1401 & 1402, 14/F, Jinqi Zhigu Mansion (No. 4 Building of Chongwen Garden), Crossing of the Liuxian Street and Tangling Road, Taoyuan Street, Nanshan District, Shenzhen, P.R. China

Prepared by

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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.
Address : Unit 1401 & 1402, 14/F, Jinqi Zhigu Mansion (No. 4 Building of Chongwen Garden), Crossing of the Liuxian Street and Tangling Road, Taoyuan Street, Nanshan District, Shenzhen, P.R. China

Product description

Product name : Smartphone
Trademark : CUBOT
Model Name : KINGKONG 5
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 Apr 22, 2021 ~May 19, 2021

Date of Issue..... May 19, 2021

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

Testing Engineer : Cheng Jiawen
 (Cheng Jiawen)

Technical Manager : Jason Chen
 (Jason Chen)

Authorized Signatory : Alex
 (Alex Li)

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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	$\pm 2\%$

2.2 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	2020.05.11 2021.04.27	2021.05.10 2022.04.26	1 year
2	Test Receiver	R&S	ESPI7	101318	2020.05.11 2021.04.27	2021.05.10 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	2020.05.11 2021.04.27	2021.05.10 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	2021.11.19	1 year
8	Amplifier	EMC	EMC051835S E	980246	2020.07.13	2021.07.12	1 year
9	Loop Antenna	ARA	PLA-2030/B	1029	2020.05.11 2021.04.27	2021.05.10 2022.04.26	1 year
10	Temperature & Humidity Chamber	GIANT FORCE	GTH-056P	GF-94454-1	2020.07.13	2021.07.12	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	2020.11.10	2021.11.09	1 year
14	Power Meter	DARE	RPR3006W	15I00041SNO8 4	2020.07.13	2021.07.12	1 year
15	ESG VETCTOR SIGNAL GENERAROR	Agilent	E4438C	MY45093347	2020.05.11 2021.04.27	2021.05.10 2022.04.26	1 year
16	Spectrum Analyzer	R&S	FSV40	101417	2020.08.07	2021.08.06	1 year

2.3 TEST ENVIRONMENT/CONDITIONS

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

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

2.4 TEST MODE

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

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

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

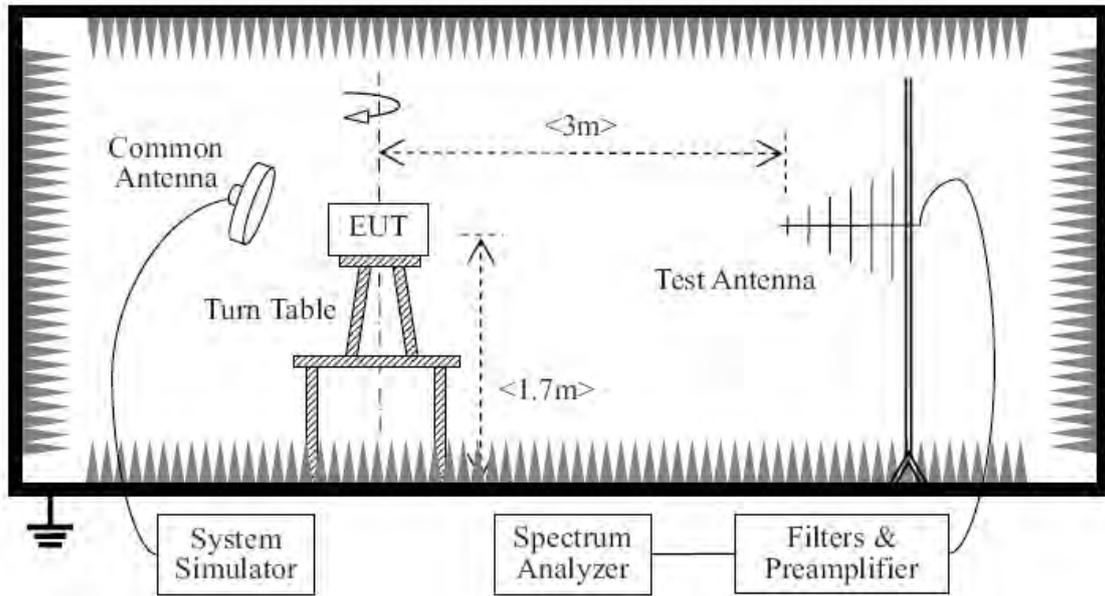
Table 2

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

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

2.5 TEST SETUP

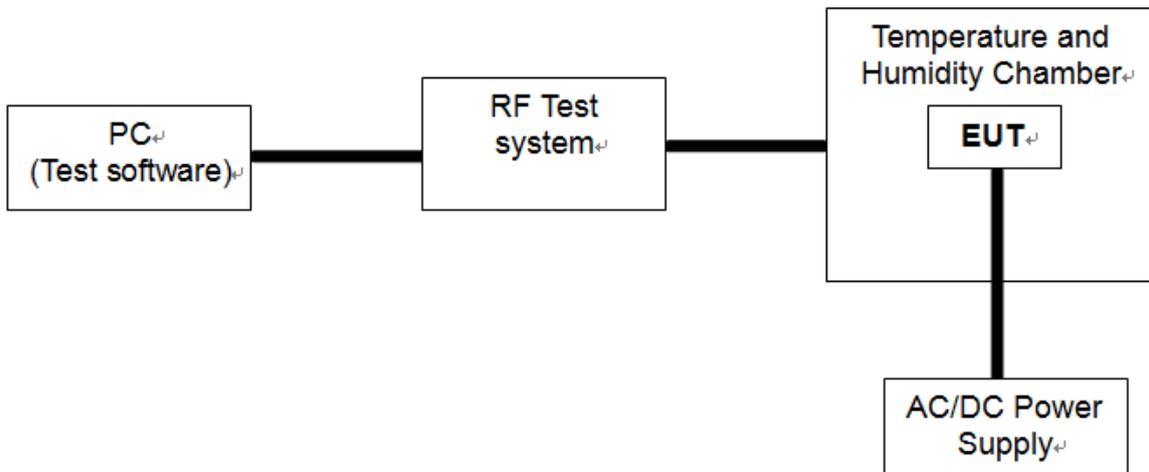
1. Radiated Spurious Emission Test Setup



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

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

2. Conducted Test



3. SUMMARY OF THE REPORT

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

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

Table 1 EN Requirements Table (Ref. 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 (MHz)	Meter Reading (dBm)	Factor (dB)	Emission Level (dBm)	Limits (dBm)	Margin (dB)	Remark
47.305	-53.40	4.26	-49.14	-36	-13.14	
76.052	-54.99	2.68	-52.31	-36	-16.31	PASS
164.881	-53.23	2.43	-50.80	-36	-14.80	PASS
660.508	-52.00	9.04	-42.96	-36	-6.96	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
1192.319	-58.86	14.23	-44.63	-30	-14.63	
2277.934	-62.54	14.52	-48.02	-30	-18.02	PASS
4188.179	-53.26	12.35	-40.91	-30	-10.91	PASS
6654.147	-55.91	14.26	-41.65	-30	-11.65	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)	
46.291	-56.96	5.90	-51.06	-36	-15.06	PASS
53.772	-59.77	1.79	-57.98	-36	-21.98	PASS
189.798	-52.32	5.88	-46.44	-36	-10.44	PASS
582.910	-55.09	2.50	-52.59	-36	-16.59	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)	
1177.544	-59.49	15.52	-43.97	-30	-13.97	PASS
3252.904	-55.99	14.97	-41.02	-30	-11.02	PASS
4283.493	-53.95	12.09	-41.86	-30	-11.86	PASS
8592.519	-54.76	12.60	-42.16	-30	-12.16	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)	
38.265	-51.03	9.10	-41.93	-36	-5.93	PASS
82.500	-53.28	8.64	-44.64	-36	-8.64	PASS
269.051	-59.55	5.37	-54.18	-36	-18.18	PASS
663.178	-57.41	8.13	-49.28	-36	-13.28	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)	
1410.845	-61.43	14.42	-47.01	-30	-17.01	PASS
2480.647	-56.44	16.94	-39.50	-30	-9.50	PASS
5124.518	-57.93	16.79	-41.14	-30	-11.14	PASS
7979.460	-56.27	17.97	-38.30	-30	-8.30	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)	
38.042	-54.09	3.15	-50.94	-36	-14.94	PASS
68.176	-50.09	3.42	-46.67	-36	-10.67	PASS
230.087	-55.58	7.76	-47.82	-36	-11.82	PASS
685.190	-56.97	3.59	-53.38	-36	-17.38	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)	
1439.824	-57.77	16.67	-41.10	-30	-11.10	PASS
2846.435	-60.64	13.73	-46.91	-30	-16.91	PASS
5602.200	-56.00	13.83	-42.17	-30	-12.17	PASS
8970.494	-61.85	16.10	-45.75	-30	-15.75	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)	
36.214	-52.17	1.77	-50.40	-36	-14.40	PASS
99.369	-54.91	9.08	-45.83	-36	-9.83	PASS
352.517	-50.75	3.84	-46.91	-36	-10.91	PASS
684.620	-51.39	4.52	-46.87	-36	-10.87	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)	
1448.015	-57.63	13.87	-43.76	-30	-13.76	PASS
2888.846	-61.05	14.43	-46.62	-30	-16.62	PASS
4090.116	-58.57	16.16	-42.41	-30	-12.41	PASS
7105.537	-59.00	10.55	-48.45	-30	-18.45	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)	
35.267	-55.41	8.66	-46.75	-36	-10.75	PASS
67.610	-59.62	4.18	-55.44	-36	-19.44	PASS
163.974	-54.03	6.59	-47.44	-36	-11.44	PASS
507.305	-57.89	7.36	-50.53	-36	-14.53	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)	
1237.196	-60.90	10.76	-50.14	-30	-20.14	PASS
3274.903	-62.06	11.25	-50.81	-30	-20.81	PASS
5868.748	-55.62	15.78	-39.84	-30	-9.84	PASS
9573.333	-60.60	18.20	-42.40	-30	-12.40	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)	
43.174	-54.47	8.75	-45.72	-36	-9.72	PASS
84.052	-55.77	9.79	-45.98	-36	-9.98	PASS
360.973	-59.26	2.79	-56.47	-36	-20.47	PASS
523.744	-55.76	5.06	-50.70	-36	-14.70	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)	
1482.458	-61.60	11.18	-50.42	-30	-20.42	PASS
4001.960	-59.95	16.21	-43.74	-30	-13.74	PASS
4966.273	-56.82	17.19	-39.63	-30	-9.63	PASS
7557.157	-55.04	15.75	-39.29	-30	-9.29	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)	
35.113	-56.93	2.11	-54.82	-36	-18.82	PASS
74.630	-55.29	9.98	-45.31	-36	-9.31	PASS
241.057	-58.69	5.00	-53.69	-36	-17.69	PASS
572.517	-57.36	9.18	-48.18	-36	-12.18	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)	
1624.934	-58.65	16.38	-42.27	-30	-12.27	PASS
3560.815	-61.20	11.36	-49.84	-30	-19.84	PASS
5395.223	-62.81	16.41	-46.40	-30	-16.40	PASS
8809.796	-58.38	16.32	-42.06	-30	-12.06	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)	
47.370	-57.91	6.59	-51.32	-36	-15.32	PASS
59.254	-56.00	8.85	-47.15	-36	-11.15	PASS
175.128	-54.04	5.84	-48.20	-36	-12.20	PASS
682.608	-57.10	7.85	-49.25	-36	-13.25	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)	
1596.483	-62.05	13.91	-48.14	-30	-18.14	PASS
2491.139	-58.02	17.55	-40.47	-30	-10.47	PASS
4550.965	-55.78	14.34	-41.44	-30	-11.44	PASS
7999.002	-55.35	13.69	-41.66	-30	-11.66	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)	
36.715	-52.76	7.51	-45.25	-36	-9.25	PASS
73.677	-55.16	9.08	-46.08	-36	-10.08	PASS
124.915	-54.38	3.02	-51.36	-36	-15.36	PASS
510.660	-51.58	5.63	-45.95	-36	-9.95	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)	
1354.529	-59.34	10.14	-49.20	-30	-19.20	PASS
2327.808	-58.11	18.62	-39.49	-30	-9.49	PASS
5556.886	-58.78	10.85	-47.93	-30	-17.93	PASS
6004.252	-56.25	17.45	-38.80	-30	-8.80	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
39.971	-59.28	2.86	-56.42	-36	-20.42	PASS
79.642	-53.11	5.15	-47.96	-36	-11.96	PASS
158.557	-57.12	1.44	-55.68	-36	-19.68	PASS
560.813	-50.05	9.36	-40.69	-36	-4.69	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)	
1368.629	-62.40	11.33	-51.07	-30	-21.07	PASS
2241.053	-59.97	14.85	-45.12	-30	-15.12	PASS
5593.880	-58.95	11.05	-47.90	-30	-17.90	PASS
8782.407	-54.25	15.48	-38.77	-30	-8.77	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)	
41.041	-55.73	7.46	-48.27	-36	-12.27	PASS
73.240	-59.12	8.18	-50.94	-36	-14.94	PASS
288.604	-55.53	3.16	-52.37	-36	-16.37	PASS
574.890	-53.77	4.80	-48.97	-36	-12.97	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)	
1140.482	-56.46	15.49	-40.97	-30	-10.97	PASS
3259.753	-60.91	13.83	-47.08	-30	-17.08	PASS
5530.965	-56.07	11.07	-45.00	-30	-15.00	PASS
9630.859	-62.16	18.22	-43.94	-30	-13.94	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	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
38.147	-52.64	4.67	-47.97	-36	-11.97	PASS
84.627	-56.33	4.08	-52.25	-36	-16.25	PASS
281.651	-51.04	6.59	-44.45	-36	-8.45	PASS
668.305	-51.30	1.84	-49.46	-36	-13.46	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)	
1301.679	-60.38	12.44	-47.94	-30	-17.94	PASS
3877.734	-59.36	16.07	-43.29	-30	-13.29	PASS
4328.262	-58.22	10.39	-47.83	-30	-17.83	PASS
7994.774	-62.68	15.21	-47.47	-30	-17.47	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)	
40.680	-59.55	1.18	-58.37	-36	-22.37	PASS
56.481	-59.84	9.28	-50.56	-36	-14.56	PASS
102.613	-54.09	6.28	-47.81	-36	-11.81	PASS
569.398	-54.45	1.73	-52.72	-36	-16.72	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)	
1227.093	-54.10	14.78	-39.32	-30	-9.32	PASS
3561.026	-62.96	10.15	-52.81	-30	-22.81	PASS
5312.156	-60.06	11.79	-48.27	-30	-18.27	PASS
6810.157	-61.53	17.31	-44.22	-30	-14.22	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)	
38.069	-54.26	1.11	-53.15	-36	-17.15	PASS
95.655	-53.11	8.72	-44.39	-36	-8.39	PASS
315.434	-59.64	9.55	-50.09	-36	-14.09	PASS
667.496	-54.36	8.42	-45.94	-36	-9.94	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)	
1586.297	-55.64	18.59	-37.05	-30	-7.05	PASS
3507.846	-62.69	14.92	-47.77	-30	-17.77	PASS
5563.360	-56.58	13.59	-42.99	-30	-12.99	PASS
7291.938	-56.81	16.74	-40.07	-30	-10.07	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)	
40.074	-51.54	5.15	-46.39	-36	-10.39	PASS
92.857	-58.06	1.23	-56.83	-36	-20.83	PASS
332.445	-57.40	3.77	-53.63	-36	-17.63	PASS
691.022	-52.88	8.64	-44.24	-36	-8.24	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)	
1441.640	-59.48	13.19	-46.29	-30	-16.29	PASS
3027.157	-56.40	14.91	-41.49	-30	-11.49	PASS
4628.005	-62.64	13.77	-48.87	-30	-18.87	PASS
6707.382	-56.40	10.72	-45.68	-30	-15.68	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)	
42.146	-55.15	8.39	-46.76	-36	-10.76	PASS
72.360	-50.19	9.20	-40.99	-36	-4.99	PASS
262.582	-57.62	2.67	-54.95	-36	-18.95	PASS
604.202	-58.18	9.52	-48.66	-36	-12.66	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)	
1416.663	-60.03	14.09	-45.94	-30	-15.94	PASS
3668.801	-55.91	12.66	-43.25	-30	-13.25	PASS
4835.235	-55.09	17.05	-38.04	-30	-8.04	PASS
7688.337	-60.61	11.03	-49.58	-30	-19.58	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)	
43.013	-56.93	7.08	-49.85	-36	-13.85	PASS
83.401	-58.85	7.10	-51.75	-36	-15.75	PASS
329.956	-57.14	9.97	-47.17	-36	-11.17	PASS
632.364	-53.85	5.92	-47.93	-36	-11.93	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)	
1192.185	-53.32	13.89	-39.43	-30	-9.43	PASS
2752.931	-59.45	14.56	-44.89	-30	-14.89	PASS
5547.451	-53.03	18.21	-34.82	-30	-4.82	PASS
9767.201	-53.04	12.91	-40.13	-30	-10.13	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	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
45.806	-51.77	1.64	-50.13	-36	-14.13	PASS
53.294	-50.35	8.51	-41.84	-36	-5.84	PASS
289.776	-54.01	9.59	-44.42	-36	-8.42	PASS
600.068	-52.63	4.30	-48.33	-36	-12.33	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)	
1396.249	-59.95	17.48	-42.47	-30	-12.47	PASS
2566.452	-61.33	16.24	-45.09	-30	-15.09	PASS
4272.269	-55.27	16.23	-39.04	-30	-9.04	PASS
7079.026	-59.29	10.94	-48.35	-30	-18.35	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)	
36.069	-51.50	7.44	-44.06	-36	-8.06	PASS
77.607	-58.27	3.01	-55.26	-36	-19.26	PASS
281.821	-55.92	4.55	-51.37	-36	-15.37	PASS
665.930	-56.58	1.17	-55.41	-36	-19.41	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)	
1637.008	-54.15	12.69	-41.46	-30	-11.46	PASS
3068.695	-62.09	18.33	-43.76	-30	-13.76	PASS
5496.555	-54.40	14.96	-39.44	-30	-9.44	PASS
8844.701	-56.03	14.74	-41.29	-30	-11.29	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)	
43.256	-55.93	7.90	-48.03	-36	-12.03	PASS
95.765	-59.57	3.29	-56.28	-36	-20.28	PASS
313.551	-59.90	9.59	-50.31	-36	-14.31	PASS
666.069	-55.75	4.44	-51.31	-36	-15.31	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)	
1454.598	-61.25	12.83	-48.42	-30	-18.42	PASS
2712.790	-53.50	14.77	-38.73	-30	-8.73	PASS
4035.471	-59.62	13.46	-46.16	-30	-16.16	PASS
7036.878	-56.11	17.28	-38.83	-30	-8.83	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)	
47.742	-59.27	6.28	-52.99	-36	-16.99	PASS
93.638	-50.94	7.01	-43.93	-36	-7.93	PASS
242.327	-54.53	5.85	-48.68	-36	-12.68	PASS
508.265	-50.70	7.70	-43.00	-36	-7.00	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)	
1179.856	-61.84	10.96	-50.88	-30	-20.88	PASS
3798.507	-58.50	17.47	-41.03	-30	-11.03	PASS
5408.799	-54.32	10.72	-43.60	-30	-13.60	PASS
8532.257	-62.07	15.23	-46.84	-30	-16.84	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)	
41.923	-56.37	6.87	-49.50	-36	-13.50	PASS
86.429	-50.46	5.53	-44.93	-36	-8.93	PASS
240.059	-51.19	2.45	-48.74	-36	-12.74	PASS
673.150	-54.25	3.36	-50.89	-36	-14.89	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)	
1401.448	-57.48	17.57	-39.91	-30	-9.91	PASS
2992.886	-56.64	18.00	-38.64	-30	-8.64	PASS
4161.673	-58.43	10.30	-48.13	-30	-18.13	PASS
7363.960	-62.56	11.03	-51.53	-30	-21.53	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)	
35.408	-51.25	1.19	-50.06	-36	-14.06	PASS
66.374	-57.90	2.24	-55.66	-36	-19.66	PASS
288.043	-52.11	4.92	-47.19	-36	-11.19	PASS
504.205	-51.07	6.85	-44.22	-36	-8.22	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)	
1211.557	-53.61	18.26	-35.35	-30	-5.35	PASS
3033.487	-53.19	14.76	-38.43	-30	-8.43	PASS
5495.341	-58.73	18.32	-40.41	-30	-10.41	PASS
7395.468	-59.15	12.55	-46.60	-30	-16.60	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)	
41.110	-50.91	4.16	-46.75	-36	-10.75	PASS
81.211	-53.42	1.72	-51.70	-36	-15.70	PASS
255.348	-53.25	7.57	-45.68	-36	-9.68	PASS
611.200	-53.66	8.65	-45.01	-36	-9.01	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)	
1564.993	-62.96	10.30	-52.66	-30	-22.66	PASS
3957.410	-54.87	13.84	-41.03	-30	-11.03	PASS
4306.698	-57.27	16.38	-40.89	-30	-10.89	PASS
7443.470	-57.67	16.94	-40.73	-30	-10.73	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)	
39.699	-51.25	8.39	-42.86	-36	-6.86	PASS
87.171	-51.32	3.46	-47.86	-36	-11.86	PASS
104.003	-54.84	6.11	-48.73	-36	-12.73	PASS
625.548	-54.01	7.27	-46.74	-36	-10.74	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)	
1528.126	-57.84	12.04	-45.80	-30	-15.80	PASS
3695.252	-59.53	12.80	-46.73	-30	-16.73	PASS
5528.197	-57.42	15.59	-41.83	-30	-11.83	PASS
6193.338	-57.88	14.39	-43.49	-30	-13.49	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)	
38.142	-54.31	1.80	-52.51	-36	-16.51	PASS
64.950	-55.63	7.83	-47.80	-36	-11.80	PASS
116.662	-56.23	2.24	-53.99	-36	-17.99	PASS
616.197	-56.45	1.05	-55.40	-36	-19.40	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)	
1346.311	-58.46	17.39	-41.07	-30	-11.07	PASS
2250.342	-53.64	17.51	-36.13	-30	-6.13	PASS
5584.046	-56.08	17.92	-38.16	-30	-8.16	PASS
7148.411	-55.06	17.46	-37.60	-30	-7.60	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)	
39.755	-55.25	2.39	-52.86	-36	-16.86	PASS
91.630	-53.53	7.70	-45.83	-36	-9.83	PASS
178.549	-58.96	3.13	-55.83	-36	-19.83	PASS
592.047	-51.17	8.41	-42.76	-36	-6.76	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)	
1142.473	-56.70	11.22	-45.48	-30	-15.48	PASS
3479.816	-62.70	13.16	-49.54	-30	-19.54	PASS
4424.576	-59.61	13.70	-45.91	-30	-15.91	PASS
9339.409	-56.55	11.71	-44.84	-30	-14.84	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)	
41.144	-53.68	8.08	-45.60	-36	-9.60	PASS
91.927	-52.43	5.65	-46.78	-36	-10.78	PASS
191.728	-58.58	3.17	-55.41	-36	-19.41	PASS
591.347	-54.12	9.95	-44.17	-36	-8.17	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)	
1585.751	-61.24	18.93	-42.31	-30	-12.31	PASS
2529.659	-58.74	10.67	-48.07	-30	-18.07	PASS
4612.145	-54.47	16.61	-37.86	-30	-7.86	PASS
6838.013	-53.60	15.15	-38.45	-30	-8.45	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)	
45.200	-50.03	8.82	-41.21	-36	-5.21	PASS
66.600	-53.02	3.22	-49.80	-36	-13.80	PASS
305.238	-58.32	3.02	-55.30	-36	-19.30	PASS
529.859	-53.72	8.82	-44.90	-36	-8.90	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)	
1218.125	-58.44	13.95	-44.49	-30	-14.49	PASS
3866.623	-53.22	12.68	-40.54	-30	-10.54	PASS
5943.075	-60.14	10.43	-49.71	-30	-19.71	PASS
7859.032	-60.55	11.86	-48.69	-30	-18.69	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 5M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
35.842	-58.76	9.84	-48.92	-36	-12.92	PASS
84.004	-53.68	4.63	-49.05	-36	-13.05	PASS
378.518	-58.40	8.51	-49.89	-36	-13.89	PASS
665.040	-52.84	3.76	-49.08	-36	-13.08	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)	
1359.019	-54.32	11.37	-42.95	-30	-12.95	PASS
2317.707	-61.85	17.10	-44.75	-30	-14.75	PASS
4139.501	-57.12	13.56	-43.56	-30	-13.56	PASS
8068.491	-54.71	18.44	-36.27	-30	-6.27	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)	
40.271	-59.29	3.76	-55.53	-36	-19.53	PASS
82.891	-57.52	6.20	-51.32	-36	-15.32	PASS
376.670	-59.92	4.27	-55.65	-36	-19.65	PASS
518.566	-56.85	1.85	-55.00	-36	-19.00	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)	
1141.798	-54.76	17.51	-37.25	-30	-7.25	PASS
3471.571	-55.04	14.60	-40.44	-30	-10.44	PASS
4948.323	-56.89	17.89	-39.00	-30	-9.00	PASS
9718.314	-55.05	15.34	-39.71	-30	-9.71	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)	
33.919	-50.21	7.47	-42.74	-36	-6.74	PASS
59.253	-54.21	9.51	-44.70	-36	-8.70	PASS
150.177	-52.44	4.86	-47.58	-36	-11.58	PASS
581.817	-55.27	8.83	-46.44	-36	-10.44	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)	
1315.471	-55.01	10.39	-44.62	-30	-14.62	PASS
3127.861	-54.36	11.87	-42.49	-30	-12.49	PASS
5852.851	-53.62	14.36	-39.26	-30	-9.26	PASS
9354.863	-55.06	12.61	-42.45	-30	-12.45	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)	
46.422	-52.54	3.69	-48.85	-36	-12.85	PASS
73.602	-58.02	7.21	-50.81	-36	-14.81	PASS
192.031	-56.76	9.74	-47.02	-36	-11.02	PASS
609.124	-56.40	8.00	-48.40	-36	-12.40	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)	
1275.966	-57.63	14.96	-42.67	-30	-12.67	PASS
2699.581	-56.44	18.66	-37.78	-30	-7.78	PASS
4500.983	-54.44	17.21	-37.23	-30	-7.23	PASS
6446.141	-61.51	17.57	-43.94	-30	-13.94	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)	
38.235	-58.62	4.33	-54.29	-36	-18.29	PASS
68.596	-53.56	2.25	-51.31	-36	-15.31	PASS
101.899	-51.26	2.82	-48.44	-36	-12.44	PASS
525.429	-54.17	9.88	-44.29	-36	-8.29	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)	
1614.380	-55.27	10.35	-44.92	-30	-14.92	PASS
3100.099	-62.71	11.17	-51.54	-30	-21.54	PASS
5643.796	-58.03	15.37	-42.66	-30	-12.66	PASS
8147.625	-59.31	18.12	-41.19	-30	-11.19	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)	
39.736	-54.47	5.98	-48.49	-36	-12.49	PASS
76.010	-54.44	5.02	-49.42	-36	-13.42	PASS
363.467	-56.90	4.85	-52.05	-36	-16.05	PASS
696.308	-59.56	1.83	-57.73	-36	-21.73	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)	
1536.752	-57.06	12.54	-44.52	-30	-14.52	PASS
2367.605	-58.85	15.13	-43.72	-30	-13.72	PASS
5637.157	-61.83	11.69	-50.14	-30	-20.14	PASS
8041.048	-55.06	16.93	-38.13	-30	-8.13	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)	
40.634	-56.90	2.52	-54.38	-36	-18.38	PASS
68.821	-55.50	4.36	-51.14	-36	-15.14	PASS
383.038	-50.88	1.44	-49.44	-36	-13.44	PASS
541.217	-55.39	4.88	-50.51	-36	-14.51	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)	
1194.617	-53.92	13.15	-40.77	-30	-10.77	PASS
2782.767	-53.80	10.30	-43.50	-30	-13.50	PASS
4258.651	-55.26	14.69	-40.57	-30	-10.57	PASS
6730.380	-55.30	11.80	-43.50	-30	-13.50	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)	
36.331	-57.76	4.84	-52.92	-36	-16.92	PASS
53.713	-52.26	6.02	-46.24	-36	-10.24	PASS
327.178	-50.79	3.06	-47.73	-36	-11.73	PASS
538.203	-54.63	9.46	-45.17	-36	-9.17	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)	
1486.183	-60.40	11.24	-49.16	-30	-19.16	PASS
2333.771	-55.82	10.13	-45.69	-30	-15.69	PASS
4453.277	-58.72	16.09	-42.63	-30	-12.63	PASS
6200.749	-55.03	15.58	-39.45	-30	-9.45	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)	
46.697	-59.67	7.07	-52.60	-36	-16.60	PASS
56.263	-54.99	6.60	-48.39	-36	-12.39	PASS
105.594	-54.36	9.29	-45.07	-36	-9.07	PASS
694.971	-58.13	3.07	-55.06	-36	-19.06	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)	
1391.976	-57.89	10.89	-47.00	-30	-17.00	PASS
3982.703	-53.39	18.66	-34.73	-30	-4.73	PASS
5250.509	-59.28	11.80	-47.48	-30	-17.48	PASS
6590.781	-55.21	17.42	-37.79	-30	-7.79	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
45.417	-50.04	5.01	-45.03	-36	-9.03	PASS
88.247	-55.44	4.65	-50.79	-36	-14.79	PASS
371.329	-54.75	8.82	-45.93	-36	-9.93	PASS
527.898	-53.75	1.12	-52.63	-36	-16.63	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)	
1457.942	-59.52	13.09	-46.43	-30	-16.43	PASS
2556.976	-60.54	13.23	-47.31	-30	-17.31	PASS
4332.298	-60.87	17.70	-43.17	-30	-13.17	PASS
6808.016	-56.42	16.66	-39.76	-30	-9.76	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)	
42.626	-52.79	8.77	-44.02	-36	-8.02	PASS
84.787	-51.27	7.93	-43.34	-36	-7.34	PASS
389.027	-59.39	9.68	-49.71	-36	-13.71	PASS
508.834	-56.69	7.64	-49.05	-36	-13.05	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)	
1338.613	-55.57	11.68	-43.89	-30	-13.89	PASS
3525.836	-62.22	13.67	-48.55	-30	-18.55	PASS
4953.565	-61.24	15.27	-45.97	-30	-15.97	PASS
6296.001	-54.62	16.40	-38.22	-30	-8.22	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)	
43.780	-53.25	5.76	-47.49	-36	-11.49	PASS
83.987	-52.86	4.00	-48.86	-36	-12.86	PASS
146.761	-51.09	6.05	-45.04	-36	-9.04	PASS
530.646	-57.37	9.85	-47.52	-36	-11.52	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)	
1230.916	-58.50	14.51	-43.99	-30	-13.99	PASS
3043.239	-57.04	14.17	-42.87	-30	-12.87	PASS
4234.274	-56.24	12.07	-44.17	-30	-14.17	PASS
6937.251	-61.79	18.22	-43.57	-30	-13.57	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 8 CH L 1.4M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
34.359	-51.88	4.63	-47.25	-36	-11.25	PASS
63.573	-55.29	6.69	-48.60	-36	-12.60	PASS
292.011	-57.94	8.99	-48.95	-36	-12.95	PASS
507.320	-53.40	4.27	-49.13	-36	-13.13	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1501.031	-61.45	18.79	-42.66	-30	-12.66	PASS
2698.041	-55.87	12.96	-42.91	-30	-12.91	PASS
5918.470	-58.53	13.63	-44.90	-30	-14.90	PASS
9305.486	-57.22	15.08	-42.14	-30	-12.14	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
43.952	-52.92	9.16	-43.76	-36	-7.76	PASS
86.179	-56.76	8.20	-48.56	-36	-12.56	PASS
364.660	-50.68	6.00	-44.68	-36	-8.68	PASS
582.932	-51.21	6.71	-44.50	-36	-8.50	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1306.007	-56.27	16.25	-40.02	-30	-10.02	PASS
3445.449	-59.20	18.59	-40.61	-30	-10.61	PASS
4457.882	-60.93	12.53	-48.40	-30	-18.40	PASS
9321.808	-55.47	10.50	-44.97	-30	-14.97	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)	
33.031	-51.96	8.19	-43.77	-36	-7.77	PASS
93.524	-52.13	4.76	-47.37	-36	-11.37	PASS
237.593	-51.72	6.54	-45.18	-36	-9.18	PASS
578.051	-56.29	1.65	-54.64	-36	-18.64	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)	
1514.045	-58.45	16.61	-41.84	-30	-11.84	PASS
3072.516	-59.49	14.81	-44.68	-30	-14.68	PASS
4448.316	-58.87	11.53	-47.34	-30	-17.34	PASS
9288.170	-56.16	13.41	-42.75	-30	-12.75	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)	
34.072	-59.75	4.75	-55.00	-36	-19.00	PASS
84.657	-59.71	4.49	-55.22	-36	-19.22	PASS
354.237	-51.54	8.97	-42.57	-36	-6.57	PASS
537.704	-52.29	5.16	-47.13	-36	-11.13	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)	
1306.533	-53.91	12.49	-41.42	-30	-11.42	PASS
3139.601	-61.48	13.65	-47.83	-30	-17.83	PASS
5096.745	-57.91	12.20	-45.71	-30	-15.71	PASS
6842.823	-53.13	14.50	-38.63	-30	-8.63	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)	
35.187	-58.89	9.07	-49.82	-36	-13.82	PASS
60.267	-51.15	2.37	-48.78	-36	-12.78	PASS
251.442	-50.65	1.08	-49.57	-36	-13.57	PASS
585.643	-55.43	7.98	-47.45	-36	-11.45	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)	
1551.670	-56.77	14.06	-42.71	-30	-12.71	PASS
2589.298	-56.63	13.54	-43.09	-30	-13.09	PASS
4057.528	-62.42	17.41	-45.01	-30	-15.01	PASS
6972.642	-54.02	18.15	-35.87	-30	-5.87	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)	
35.641	-59.81	2.99	-56.82	-36	-20.82	PASS
90.883	-53.48	9.32	-44.16	-36	-8.16	PASS
313.953	-50.29	2.97	-47.32	-36	-11.32	PASS
586.362	-58.77	9.36	-49.41	-36	-13.41	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)	
1436.598	-62.72	12.36	-50.36	-30	-20.36	PASS
4005.485	-61.70	17.89	-43.81	-30	-13.81	PASS
4239.612	-57.03	17.09	-39.94	-30	-9.94	PASS
6836.613	-59.01	16.72	-42.29	-30	-12.29	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 8 CH L 5M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
40.574	-57.53	8.19	-49.34	-36	-13.34	PASS
78.914	-59.76	1.02	-58.74	-36	-22.74	PASS
142.218	-53.06	6.99	-46.07	-36	-10.07	PASS
625.824	-54.24	6.75	-47.49	-36	-11.49	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)	
1427.846	-57.15	10.28	-46.87	-30	-16.87	PASS
3808.976	-58.92	12.03	-46.89	-30	-16.89	PASS
5876.143	-60.37	18.14	-42.23	-30	-12.23	PASS
7117.058	-57.69	15.34	-42.35	-30	-12.35	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)	
43.875	-51.11	3.45	-47.66	-36	-11.66	PASS
50.887	-54.62	5.91	-48.71	-36	-12.71	PASS
338.906	-51.73	6.95	-44.78	-36	-8.78	PASS
569.680	-56.41	6.89	-49.52	-36	-13.52	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)	
1204.817	-57.87	12.78	-45.09	-30	-15.09	PASS
3951.812	-61.80	17.47	-44.33	-30	-14.33	PASS
4220.330	-56.00	12.40	-43.60	-30	-13.60	PASS
9424.062	-56.12	11.77	-44.35	-30	-14.35	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)	
44.536	-50.49	7.17	-43.32	-36	-7.32	PASS
57.956	-55.73	6.04	-49.69	-36	-13.69	PASS
214.745	-59.06	1.83	-57.23	-36	-21.23	PASS
627.247	-57.01	9.14	-47.87	-36	-11.87	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)	
1341.741	-54.15	13.25	-40.90	-30	-10.90	PASS
4121.749	-57.91	11.31	-46.60	-30	-16.60	PASS
5371.550	-60.30	10.59	-49.71	-30	-19.71	PASS
9771.688	-62.01	12.55	-49.46	-30	-19.46	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)	
45.409	-54.95	8.35	-46.60	-36	-10.60	PASS
51.726	-57.72	7.07	-50.65	-36	-14.65	PASS
158.219	-59.56	5.64	-53.92	-36	-17.92	PASS
512.409	-59.95	5.03	-54.92	-36	-18.92	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)	
1314.836	-60.07	11.15	-48.92	-30	-18.92	PASS
2223.195	-61.60	10.80	-50.80	-30	-20.80	PASS
4330.467	-59.96	13.61	-46.35	-30	-16.35	PASS
7733.254	-55.71	16.44	-39.27	-30	-9.27	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)	
47.025	-59.49	5.32	-54.17	-36	-18.17	PASS
72.916	-53.09	5.33	-47.76	-36	-11.76	PASS
308.709	-54.26	2.69	-51.57	-36	-15.57	PASS
536.133	-50.23	8.83	-41.40	-36	-5.40	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)	
1579.401	-59.55	14.30	-45.25	-30	-15.25	PASS
2324.933	-62.49	10.09	-52.40	-30	-22.40	PASS
4550.651	-57.04	17.71	-39.33	-30	-9.33	PASS
6213.526	-57.98	17.20	-40.78	-30	-10.78	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)	
37.442	-52.93	5.97	-46.96	-36	-10.96	PASS
62.467	-53.96	4.06	-49.90	-36	-13.90	PASS
153.763	-53.99	5.01	-48.98	-36	-12.98	PASS
670.499	-50.26	2.18	-48.08	-36	-12.08	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)	
1531.623	-58.07	15.69	-42.38	-30	-12.38	PASS
3509.134	-60.66	15.73	-44.93	-30	-14.93	PASS
5374.995	-55.82	13.61	-42.21	-30	-12.21	PASS
9284.892	-60.84	11.61	-49.23	-30	-19.23	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 8 CH L 10M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
39.462	-58.23	6.18	-52.05	-36	-16.05	PASS
52.978	-50.69	2.11	-48.58	-36	-12.58	PASS
197.992	-51.88	3.53	-48.35	-36	-12.35	PASS
599.559	-56.83	1.13	-55.70	-36	-19.70	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)	
1412.367	-58.56	10.29	-48.27	-30	-18.27	PASS
4028.360	-60.93	16.33	-44.60	-30	-14.60	PASS
5766.623	-55.07	16.37	-38.70	-30	-8.70	PASS
8131.684	-56.71	13.24	-43.47	-30	-13.47	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)	
35.315	-53.67	5.94	-47.73	-36	-11.73	PASS
60.672	-55.37	4.17	-51.20	-36	-15.20	PASS
142.719	-57.71	2.52	-55.19	-36	-19.19	PASS
637.260	-59.18	9.09	-50.09	-36	-14.09	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)	
1521.512	-57.45	12.16	-45.29	-30	-15.29	PASS
2623.757	-57.84	18.33	-39.51	-30	-9.51	PASS
5299.510	-54.49	16.54	-37.95	-30	-7.95	PASS
7788.205	-60.73	12.92	-47.81	-30	-17.81	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)	
45.514	-52.87	4.36	-48.51	-36	-12.51	PASS
69.611	-53.22	1.57	-51.65	-36	-15.65	PASS
274.757	-53.95	8.15	-45.80	-36	-9.80	PASS
655.015	-55.86	8.02	-47.84	-36	-11.84	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)	
1185.740	-58.21	15.20	-43.01	-30	-13.01	PASS
3081.708	-59.18	14.09	-45.09	-30	-15.09	PASS
5300.110	-53.77	18.18	-35.59	-30	-5.59	PASS
8117.319	-59.04	13.53	-45.51	-30	-15.51	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)	
40.202	-55.56	6.67	-48.89	-36	-12.89	PASS
97.922	-53.07	4.68	-48.39	-36	-12.39	PASS
111.463	-51.72	3.94	-47.78	-36	-11.78	PASS
622.768	-55.77	6.89	-48.88	-36	-12.88	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)	
1518.253	-62.24	12.02	-50.22	-30	-20.22	PASS
4065.549	-59.80	13.71	-46.09	-30	-16.09	PASS
5186.616	-53.19	12.49	-40.70	-30	-10.70	PASS
6547.087	-58.34	11.29	-47.05	-30	-17.05	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)	
41.643	-59.81	9.09	-50.72	-36	-14.72	PASS
80.731	-52.04	6.82	-45.22	-36	-9.22	PASS
362.185	-58.64	5.99	-52.65	-36	-16.65	PASS
569.113	-59.88	6.87	-53.01	-36	-17.01	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)	
1178.675	-55.99	16.27	-39.72	-30	-9.72	PASS
3073.817	-53.82	17.27	-36.55	-30	-6.55	PASS
4021.834	-61.95	17.44	-44.51	-30	-14.51	PASS
9672.751	-57.22	15.87	-41.35	-30	-11.35	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)	
44.501	-58.98	1.86	-57.12	-36	-21.12	PASS
97.572	-53.00	2.00	-51.00	-36	-15.00	PASS
348.787	-55.50	9.59	-45.91	-36	-9.91	PASS
546.963	-54.55	2.84	-51.71	-36	-15.71	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)	
1513.731	-61.05	18.84	-42.21	-30	-12.21	PASS
2927.772	-59.02	15.68	-43.34	-30	-13.34	PASS
4753.794	-61.31	11.71	-49.60	-30	-19.60	PASS
7894.498	-53.69	13.04	-40.65	-30	-10.65	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 5M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
46.260	-51.57	5.17	-46.40	-36	-10.40	PASS
91.358	-59.67	5.31	-54.36	-36	-18.36	PASS
127.271	-54.61	9.95	-44.66	-36	-8.66	PASS
528.425	-51.33	9.29	-42.04	-36	-6.04	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)	
1648.647	-54.86	17.30	-37.56	-30	-7.56	PASS
3573.804	-62.83	10.05	-52.78	-30	-22.78	PASS
5019.022	-55.54	18.56	-36.98	-30	-6.98	PASS
8477.506	-58.66	17.85	-40.81	-30	-10.81	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)	
46.887	-54.36	8.18	-46.18	-36	-10.18	PASS
84.726	-59.85	6.59	-53.26	-36	-17.26	PASS
383.380	-59.02	2.92	-56.10	-36	-20.10	PASS
519.105	-53.18	6.55	-46.63	-36	-10.63	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)	
1612.344	-54.26	15.56	-38.70	-30	-8.70	PASS
3533.092	-56.26	17.71	-38.55	-30	-8.55	PASS
4097.541	-53.47	10.38	-43.09	-30	-13.09	PASS
6596.674	-61.86	12.97	-48.89	-30	-18.89	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)	
40.816	-59.11	8.17	-50.94	-36	-14.94	PASS
94.117	-50.30	8.90	-41.40	-36	-5.40	PASS
154.051	-52.58	5.90	-46.68	-36	-10.68	PASS
667.873	-58.45	1.78	-56.67	-36	-20.67	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)	
1551.980	-58.35	16.96	-41.39	-30	-11.39	PASS
3243.184	-55.20	18.92	-36.28	-30	-6.28	PASS
4086.572	-54.67	13.19	-41.48	-30	-11.48	PASS
8419.735	-59.97	16.93	-43.04	-30	-13.04	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)	
43.564	-50.04	9.50	-40.54	-36	-4.54	PASS
80.030	-58.44	4.16	-54.28	-36	-18.28	PASS
275.065	-54.10	7.17	-46.93	-36	-10.93	PASS
550.748	-52.56	6.47	-46.09	-36	-10.09	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)	
1428.965	-53.79	13.82	-39.97	-30	-9.97	PASS
3705.333	-62.22	11.20	-51.02	-30	-21.02	PASS
5701.082	-62.84	15.55	-47.29	-30	-17.29	PASS
7053.804	-53.53	10.43	-43.10	-30	-13.10	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)	
41.282	-52.26	1.73	-50.53	-36	-14.53	PASS
53.773	-58.30	3.23	-55.07	-36	-19.07	PASS
269.716	-56.39	4.72	-51.67	-36	-15.67	PASS
523.941	-57.74	3.01	-54.73	-36	-18.73	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)	
1280.002	-62.62	15.56	-47.06	-30	-17.06	PASS
3439.214	-54.89	16.58	-38.31	-30	-8.31	PASS
4590.539	-59.63	16.69	-42.94	-30	-12.94	PASS
6681.601	-53.21	18.01	-35.20	-30	-5.20	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)	
44.043	-55.72	6.11	-49.61	-36	-13.61	PASS
96.127	-54.72	2.71	-52.01	-36	-16.01	PASS
177.046	-58.29	3.88	-54.41	-36	-18.41	PASS
655.443	-55.14	9.96	-45.18	-36	-9.18	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)	
1376.840	-58.95	17.72	-41.23	-30	-11.23	PASS
3638.713	-60.54	18.51	-42.03	-30	-12.03	PASS
5337.253	-53.68	16.52	-37.16	-30	-7.16	PASS
8960.289	-58.27	13.72	-44.55	-30	-14.55	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)	
33.187	-55.87	8.25	-47.62	-36	-11.62	PASS
51.992	-51.25	3.68	-47.57	-36	-11.57	PASS
356.809	-51.62	3.01	-48.61	-36	-12.61	PASS
553.670	-59.24	4.07	-55.17	-36	-19.17	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)	
1627.141	-60.16	13.78	-46.38	-30	-16.38	PASS
3319.251	-55.79	16.82	-38.97	-30	-8.97	PASS
5434.083	-54.03	18.75	-35.28	-30	-5.28	PASS
7758.553	-57.31	18.87	-38.44	-30	-8.44	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)	
40.754	-57.98	6.28	-51.70	-36	-15.70	PASS
89.375	-55.06	8.55	-46.51	-36	-10.51	PASS
140.865	-54.22	2.43	-51.79	-36	-15.79	PASS
534.480	-50.71	10.00	-40.71	-36	-4.71	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)	
1592.442	-56.12	17.02	-39.10	-30	-9.10	PASS
2353.345	-60.98	15.05	-45.93	-30	-15.93	PASS
5833.906	-60.35	18.81	-41.54	-30	-11.54	PASS
7112.245	-56.97	16.56	-40.41	-30	-10.41	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)	
34.881	-52.41	4.12	-48.29	-36	-12.29	PASS
94.979	-53.54	9.40	-44.14	-36	-8.14	PASS
288.209	-56.25	2.51	-53.74	-36	-17.74	PASS
645.473	-52.05	8.97	-43.08	-36	-7.08	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1547.794	-60.52	13.43	-47.09	-30	-17.09	PASS
2662.961	-57.74	13.29	-44.45	-30	-14.45	PASS
4852.299	-61.63	13.22	-48.41	-30	-18.41	PASS
8636.909	-60.87	16.99	-43.88	-30	-13.88	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)	
45.839	-54.44	2.55	-51.89	-36	-15.89	PASS
66.958	-59.30	5.13	-54.17	-36	-18.17	PASS
362.000	-52.43	8.33	-44.10	-36	-8.10	PASS
636.466	-59.85	6.43	-53.42	-36	-17.42	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)	
1268.585	-55.40	11.21	-44.19	-30	-14.19	PASS
3856.971	-62.22	17.63	-44.59	-30	-14.59	PASS
4894.276	-56.68	15.07	-41.61	-30	-11.61	PASS
7883.165	-59.03	16.88	-42.15	-30	-12.15	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)	
36.673	-57.43	4.74	-52.69	-36	-16.69	PASS
76.077	-54.27	1.72	-52.55	-36	-16.55	PASS
257.384	-51.91	1.16	-50.75	-36	-14.75	PASS
688.005	-51.23	1.89	-49.34	-36	-13.34	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)	
1298.287	-56.93	14.67	-42.26	-30	-12.26	PASS
2680.962	-58.01	12.87	-45.14	-30	-15.14	PASS
4820.115	-60.31	11.35	-48.96	-30	-18.96	PASS
6143.314	-61.42	17.70	-43.72	-30	-13.72	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)	
34.536	-55.26	2.25	-53.01	-36	-17.01	PASS
50.846	-58.28	9.50	-48.78	-36	-12.78	PASS
323.770	-55.36	1.48	-53.88	-36	-17.88	PASS
643.513	-56.08	3.49	-52.59	-36	-16.59	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)	
1297.863	-61.54	18.47	-43.07	-30	-13.07	PASS
3885.160	-58.08	14.97	-43.11	-30	-13.11	PASS
5005.589	-59.42	18.25	-41.17	-30	-11.17	PASS
9580.080	-56.40	14.29	-42.11	-30	-12.11	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)	
47.967	H	-74.45	3.84	-70.61	-57	-13.61	PASS
99.230	H	-77.42	5.47	-71.95	-57	-14.95	PASS
272.807	H	-79.18	5.51	-73.67	-57	-16.67	PASS
638.748	H	-79.61	2.67	-76.94	-57	-19.94	PASS
37.026	V	-77.50	2.08	-75.42	-57	-18.42	PASS
66.374	V	-81.31	8.01	-73.30	-57	-16.30	PASS
380.952	V	-74.69	1.43	-73.26	-57	-16.26	PASS
586.985	V	-74.57	1.85	-72.72	-57	-15.72	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)	
1225.173	V	-73.68	14.98	-58.70	-47	-11.70	PASS
2763.319	V	-78.61	13.17	-65.44	-47	-18.44	PASS
5154.831	V	-77.46	12.97	-64.49	-47	-17.49	PASS
6962.711	V	-79.41	15.10	-64.31	-47	-17.31	PASS
1649.090	H	-81.46	12.24	-69.22	-47	-22.22	PASS
3662.969	H	-72.82	16.15	-56.67	-47	-9.67	PASS
5873.766	H	-78.26	18.93	-59.33	-47	-12.33	PASS
9178.948	H	-80.44	17.64	-62.80	-47	-15.80	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)	
47.396	H	-79.65	4.75	-74.90	-57	-17.90	PASS
93.229	H	-81.57	1.35	-80.22	-57	-23.22	PASS
205.926	H	-79.66	7.43	-72.23	-57	-15.23	PASS
609.542	H	-72.62	8.39	-64.23	-57	-7.23	PASS
46.758	V	-81.86	5.85	-76.01	-57	-19.01	PASS
65.441	V	-76.64	8.25	-68.39	-57	-11.39	PASS
321.503	V	-73.24	7.29	-65.95	-57	-8.95	PASS
604.312	V	-81.14	6.43	-74.71	-57	-17.71	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)	
1620.105	V	-75.36	15.66	-59.70	-47	-12.70	PASS
3660.529	V	-76.58	16.06	-60.52	-47	-13.52	PASS
5042.985	V	-81.49	13.38	-68.11	-47	-21.11	PASS
7952.505	V	-76.57	15.19	-61.38	-47	-14.38	PASS
1181.532	H	-81.17	10.70	-70.47	-47	-23.47	PASS
3466.604	H	-72.62	10.08	-62.54	-47	-15.54	PASS
4375.384	H	-73.11	18.54	-54.57	-47	-7.57	PASS
9259.363	H	-77.27	12.99	-64.28	-47	-17.28	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)	
35.983	H	-80.68	5.06	-75.62	-57	-18.62	PASS
50.781	H	-75.73	2.85	-72.88	-57	-15.88	PASS
337.716	H	-75.28	5.93	-69.35	-57	-12.35	PASS
665.906	H	-78.58	6.03	-72.55	-57	-15.55	PASS
44.361	V	-75.53	6.37	-69.16	-57	-12.16	PASS
74.164	V	-77.19	8.48	-68.71	-57	-11.71	PASS
361.263	V	-80.84	5.29	-75.55	-57	-18.55	PASS
624.019	V	-72.12	6.24	-65.88	-57	-8.88	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)	
1167.510	V	-81.12	12.91	-68.21	-47	-21.21	PASS
3038.905	V	-76.14	16.67	-59.47	-47	-12.47	PASS
4663.921	V	-74.90	10.97	-63.93	-47	-16.93	PASS
8168.712	V	-75.36	15.73	-59.63	-47	-12.63	PASS
1146.134	H	-80.11	13.97	-66.14	-47	-19.14	PASS
3236.386	H	-77.67	15.01	-62.66	-47	-15.66	PASS
4958.536	H	-77.22	15.58	-61.64	-47	-14.64	PASS
6327.120	H	-77.18	18.78	-58.40	-47	-11.40	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)	
47.777	H	-80.15	8.71	-71.44	-57	-14.44	PASS
77.518	H	-78.88	6.73	-72.15	-57	-15.15	PASS
155.736	H	-78.18	2.77	-75.41	-57	-18.41	PASS
573.242	H	-78.78	7.60	-71.18	-57	-14.18	PASS
36.374	V	-73.49	9.20	-64.29	-57	-7.29	PASS
72.156	V	-77.50	1.38	-76.12	-57	-19.12	PASS
226.562	V	-74.05	4.22	-69.83	-57	-12.83	PASS
685.907	V	-80.00	5.35	-74.65	-57	-17.65	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)	
1517.136	V	-76.74	14.64	-62.10	-47	-15.10	PASS
3853.284	V	-79.36	15.58	-63.78	-47	-16.78	PASS
4305.350	V	-75.48	15.82	-59.66	-47	-12.66	PASS
6599.822	V	-80.09	18.09	-62.00	-47	-15.00	PASS
1472.860	H	-72.10	16.82	-55.28	-47	-8.28	PASS
3257.560	H	-72.86	18.85	-54.01	-47	-7.01	PASS
4745.436	H	-79.92	12.26	-67.66	-47	-20.66	PASS
7355.818	H	-72.02	10.89	-61.13	-47	-14.13	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)	
37.051	H	-81.77	7.99	-73.78	-57	-16.78	PASS
82.963	H	-76.27	9.15	-67.12	-57	-10.12	PASS
267.579	H	-81.64	1.44	-80.20	-57	-23.20	PASS
622.799	H	-76.95	8.60	-68.35	-57	-11.35	PASS
34.047	V	-74.14	4.72	-69.42	-57	-12.42	PASS
93.736	V	-75.39	3.00	-72.39	-57	-15.39	PASS
264.485	V	-80.03	8.81	-71.22	-57	-14.22	PASS
540.632	V	-75.13	1.23	-73.90	-57	-16.90	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)	
1528.279	V	-77.59	16.95	-60.64	-47	-13.64	PASS
3349.817	V	-79.15	15.78	-63.37	-47	-16.37	PASS
5626.839	V	-76.91	12.43	-64.48	-47	-17.48	PASS
6635.562	V	-77.38	11.33	-66.05	-47	-19.05	PASS
1256.807	H	-75.15	12.96	-62.19	-47	-15.19	PASS
4041.476	H	-73.33	12.68	-60.65	-47	-13.65	PASS
4355.836	H	-81.70	11.62	-70.08	-47	-23.08	PASS
9202.771	H	-81.87	12.77	-69.10	-47	-22.10	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)	
36.634	H	-73.20	1.97	-71.23	-57	-14.23	PASS
74.791	H	-79.58	3.52	-76.06	-57	-19.06	PASS
308.985	H	-74.70	8.08	-66.62	-57	-9.62	PASS
691.884	H	-80.11	2.12	-77.99	-57	-20.99	PASS
41.678	V	-77.15	8.22	-68.93	-57	-11.93	PASS
94.286	V	-74.98	7.15	-67.83	-57	-10.83	PASS
353.779	V	-75.67	8.41	-67.26	-57	-10.26	PASS
632.853	V	-75.11	7.00	-68.11	-57	-11.11	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)	
1406.784	V	-78.81	14.18	-64.63	-47	-17.63	PASS
2570.224	V	-80.66	16.73	-63.93	-47	-16.93	PASS
5903.205	V	-72.28	18.61	-53.67	-47	-6.67	PASS
7446.706	V	-74.26	14.34	-59.92	-47	-12.92	PASS
1522.605	H	-76.64	16.09	-60.55	-47	-13.55	PASS
2673.750	H	-73.72	14.75	-58.97	-47	-11.97	PASS
4084.613	H	-72.75	12.52	-60.23	-47	-13.23	PASS
6430.363	H	-72.77	10.00	-62.77	-47	-15.77	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)	
47.211	H	-81.63	9.55	-72.08	-57	-15.08	PASS
50.941	H	-80.53	3.75	-76.78	-57	-19.78	PASS
311.656	H	-80.75	6.01	-74.74	-57	-17.74	PASS
561.761	H	-79.99	7.59	-72.40	-57	-15.40	PASS
42.440	V	-81.06	6.09	-74.97	-57	-17.97	PASS
86.121	V	-73.94	9.21	-64.73	-57	-7.73	PASS
177.783	V	-73.24	2.98	-70.26	-57	-13.26	PASS
533.375	V	-72.34	8.97	-63.37	-57	-6.37	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)	
1317.581	V	-74.00	17.96	-56.04	-47	-9.04	PASS
3035.810	V	-77.51	16.39	-61.12	-47	-14.12	PASS
4341.325	V	-77.30	10.13	-67.17	-47	-20.17	PASS
8460.300	V	-77.64	12.19	-65.45	-47	-18.45	PASS
1419.050	H	-79.45	10.42	-69.03	-47	-22.03	PASS
2453.414	H	-76.30	10.53	-65.77	-47	-18.77	PASS
5148.554	H	-76.21	16.59	-59.62	-47	-12.62	PASS
7715.292	H	-75.15	15.59	-59.56	-47	-12.56	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)	
42.219	H	-75.92	2.32	-73.60	-57	-16.60	PASS
59.225	H	-74.16	7.14	-67.02	-57	-10.02	PASS
157.186	H	-74.11	2.70	-71.41	-57	-14.41	PASS
696.566	H	-73.36	7.49	-65.87	-57	-8.87	PASS
43.170	V	-73.18	6.55	-66.63	-57	-9.63	PASS
63.995	V	-79.08	4.60	-74.48	-57	-17.48	PASS
238.036	V	-75.58	7.54	-68.04	-57	-11.04	PASS
556.823	V	-76.79	1.60	-75.19	-57	-18.19	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)	
1187.117	V	-81.65	14.87	-66.78	-47	-19.78	PASS
2419.753	V	-81.32	17.61	-63.71	-47	-16.71	PASS
5808.024	V	-79.47	13.99	-65.48	-47	-18.48	PASS
6336.216	V	-79.20	10.21	-68.99	-47	-21.99	PASS
1117.559	H	-81.55	12.78	-68.77	-47	-21.77	PASS
4133.288	H	-77.91	13.38	-64.53	-47	-17.53	PASS
5084.136	H	-74.66	11.51	-63.15	-47	-16.15	PASS
9365.626	H	-75.03	11.96	-63.07	-47	-16.07	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)	
41.010	H	-80.74	8.49	-72.25	-57	-15.25	PASS
50.648	H	-79.22	3.39	-75.83	-57	-18.83	PASS
122.453	H	-72.82	2.98	-69.84	-57	-12.84	PASS
687.368	H	-81.49	1.44	-80.05	-57	-23.05	PASS
42.744	V	-74.87	6.12	-68.75	-57	-11.75	PASS
69.752	V	-77.92	6.20	-71.72	-57	-14.72	PASS
250.786	V	-77.26	2.58	-74.68	-57	-17.68	PASS
552.985	V	-73.75	8.81	-64.94	-57	-7.94	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)	
1361.112	V	-79.22	15.90	-63.32	-47	-16.32	PASS
3553.379	V	-72.04	13.39	-58.65	-47	-11.65	PASS
4496.592	V	-81.95	11.64	-70.31	-47	-23.31	PASS
7465.700	V	-78.03	16.43	-61.60	-47	-14.60	PASS
1263.249	H	-81.69	11.23	-70.46	-47	-23.46	PASS
3525.424	H	-76.26	15.84	-60.42	-47	-13.42	PASS
5270.631	H	-73.65	18.32	-55.33	-47	-8.33	PASS
8510.994	H	-74.77	14.34	-60.43	-47	-13.43	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)	
39.194	H	-81.61	9.05	-72.56	-57	-15.56	PASS
50.720	H	-81.34	6.38	-74.96	-57	-17.96	PASS
328.324	H	-72.10	2.79	-69.31	-57	-12.31	PASS
574.938	H	-79.97	9.56	-70.41	-57	-13.41	PASS
43.778	V	-72.46	9.27	-63.19	-57	-6.19	PASS
55.046	V	-72.67	9.40	-63.27	-57	-6.27	PASS
278.699	V	-73.25	4.90	-68.35	-57	-11.35	PASS
627.863	V	-75.46	3.72	-71.74	-57	-14.74	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)	
1338.077	V	-78.83	14.75	-64.08	-47	-17.08	PASS
2746.944	V	-73.36	12.95	-60.41	-47	-13.41	PASS
4154.299	V	-73.90	11.92	-61.98	-47	-14.98	PASS
8965.486	V	-78.25	10.92	-67.33	-47	-20.33	PASS
1147.813	H	-78.78	14.52	-64.26	-47	-17.26	PASS
2398.064	H	-80.29	13.55	-66.74	-47	-19.74	PASS
4841.398	H	-80.29	18.85	-61.44	-47	-14.44	PASS
9497.253	H	-76.62	16.06	-60.56	-47	-13.56	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)	
42.917	H	-76.67	6.82	-69.85	-57	-12.85	PASS
57.269	H	-73.94	9.19	-64.75	-57	-7.75	PASS
141.364	H	-78.69	8.78	-69.91	-57	-12.91	PASS
648.245	H	-80.78	3.44	-77.34	-57	-20.34	PASS
44.947	V	-78.58	8.31	-70.27	-57	-13.27	PASS
74.571	V	-72.82	2.61	-70.21	-57	-13.21	PASS
119.563	V	-77.53	2.63	-74.90	-57	-17.90	PASS
535.967	V	-79.55	3.64	-75.91	-57	-18.91	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)	
1270.991	V	-74.79	14.79	-60.00	-47	-13.00	PASS
3419.927	V	-81.87	10.79	-71.08	-47	-24.08	PASS
4639.301	V	-81.28	12.23	-69.05	-47	-22.05	PASS
9635.846	V	-75.80	18.94	-56.86	-47	-9.86	PASS
1445.799	H	-73.98	16.64	-57.34	-47	-10.34	PASS
2627.727	H	-77.24	10.73	-66.51	-47	-19.51	PASS
4880.713	H	-78.35	15.46	-62.89	-47	-15.89	PASS
8876.812	H	-74.10	10.32	-63.78	-47	-16.78	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)	
35.659	H	-80.16	2.71	-77.45	-57	-20.45	PASS
71.127	H	-73.73	6.88	-66.85	-57	-9.85	PASS
213.336	H	-79.10	7.21	-71.89	-57	-14.89	PASS
587.831	H	-74.59	3.71	-70.88	-57	-13.88	PASS
46.816	V	-73.33	5.62	-67.71	-57	-10.71	PASS
82.433	V	-76.67	2.94	-73.73	-57	-16.73	PASS
316.480	V	-79.04	8.04	-71.00	-57	-14.00	PASS
512.890	V	-78.65	1.14	-77.51	-57	-20.51	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)	
1326.951	V	-75.50	18.10	-57.40	-47	-10.40	PASS
2658.847	V	-77.36	14.49	-62.87	-47	-15.87	PASS
5064.704	V	-74.78	12.52	-62.26	-47	-15.26	PASS
6697.668	V	-80.07	10.62	-69.45	-47	-22.45	PASS
1630.930	H	-80.56	14.24	-66.32	-47	-19.32	PASS
3596.159	H	-81.22	17.71	-63.51	-47	-16.51	PASS
5929.439	H	-77.18	14.34	-62.84	-47	-15.84	PASS
6330.919	H	-73.31	14.64	-58.67	-47	-11.67	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)	
46.159	H	-72.92	3.96	-68.96	-57	-11.96	PASS
60.038	H	-81.01	7.53	-73.48	-57	-16.48	PASS
389.223	H	-80.56	2.00	-78.56	-57	-21.56	PASS
628.058	H	-75.79	4.87	-70.92	-57	-13.92	PASS
47.864	V	-72.03	8.37	-63.66	-57	-6.66	PASS
58.901	V	-78.92	3.97	-74.95	-57	-17.95	PASS
198.597	V	-79.35	7.36	-71.99	-57	-14.99	PASS
683.862	V	-74.69	7.41	-67.28	-57	-10.28	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)	
1334.075	V	-73.99	16.54	-57.45	-47	-10.45	PASS
3846.624	V	-73.79	17.05	-56.74	-47	-9.74	PASS
4675.289	V	-74.33	11.03	-63.30	-47	-16.30	PASS
7873.210	V	-77.85	16.81	-61.04	-47	-14.04	PASS
1617.592	H	-77.03	10.84	-66.19	-47	-19.19	PASS
2397.798	H	-79.45	14.15	-65.30	-47	-18.30	PASS
4884.795	H	-76.84	14.42	-62.42	-47	-15.42	PASS
9059.803	H	-72.33	12.77	-59.56	-47	-12.56	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)	
43.611	H	-79.05	8.77	-70.28	-57	-13.28	PASS
77.733	H	-79.97	5.93	-74.04	-57	-17.04	PASS
286.292	H	-76.57	7.98	-68.59	-57	-11.59	PASS
530.202	H	-75.80	9.86	-65.94	-57	-8.94	PASS
38.411	V	-75.43	6.80	-68.63	-57	-11.63	PASS
51.364	V	-75.12	5.05	-70.07	-57	-13.07	PASS
136.411	V	-75.90	6.74	-69.16	-57	-12.16	PASS
511.648	V	-74.67	3.36	-71.31	-57	-14.31	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)	
1445.669	V	-75.18	13.36	-61.82	-47	-14.82	PASS
3349.205	V	-79.94	15.68	-64.26	-47	-17.26	PASS
4795.683	V	-77.33	12.90	-64.43	-47	-17.43	PASS
8705.463	V	-72.67	10.87	-61.80	-47	-14.80	PASS
1285.580	H	-74.32	18.54	-55.78	-47	-8.78	PASS
3151.087	H	-80.14	13.05	-67.09	-47	-20.09	PASS
4143.737	H	-75.91	15.25	-60.66	-47	-13.66	PASS
7695.340	H	-80.58	12.22	-68.36	-47	-21.36	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)	
40.191	H	-72.47	1.13	-71.34	-57	-14.34	PASS
70.705	H	-77.32	4.13	-73.19	-57	-16.19	PASS
142.229	H	-80.39	8.85	-71.54	-57	-14.54	PASS
633.067	H	-74.55	1.92	-72.63	-57	-15.63	PASS
47.604	V	-77.33	3.73	-73.60	-57	-16.60	PASS
94.601	V	-75.66	1.01	-74.65	-57	-17.65	PASS
321.747	V	-76.51	4.79	-71.72	-57	-14.72	PASS
540.643	V	-73.39	6.02	-67.37	-57	-10.37	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)	
1527.159	V	-80.52	10.14	-70.38	-47	-23.38	PASS
2884.803	V	-76.06	16.26	-59.80	-47	-12.80	PASS
4761.008	V	-72.54	10.23	-62.31	-47	-15.31	PASS
7479.618	V	-72.18	17.46	-54.72	-47	-7.72	PASS
1360.002	H	-72.24	18.14	-54.10	-47	-7.10	PASS
3392.552	H	-74.30	10.28	-64.02	-47	-17.02	PASS
5377.419	H	-75.41	14.76	-60.65	-47	-13.65	PASS
9762.496	H	-72.05	11.09	-60.96	-47	-13.96	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	-47.9	-30	Pass

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

Definition

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

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

Limits

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

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

Parameter	Value	Unit
\hat{I}_{or}/I_{oc}	-1	dB
I_{oc}	-60	dBm/3,84 MHz
$\frac{DPDCH_{Ec}}{I_{or}}$	See figure 4.2.11.2-1: Before point A: <ul style="list-style-type: none"> -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

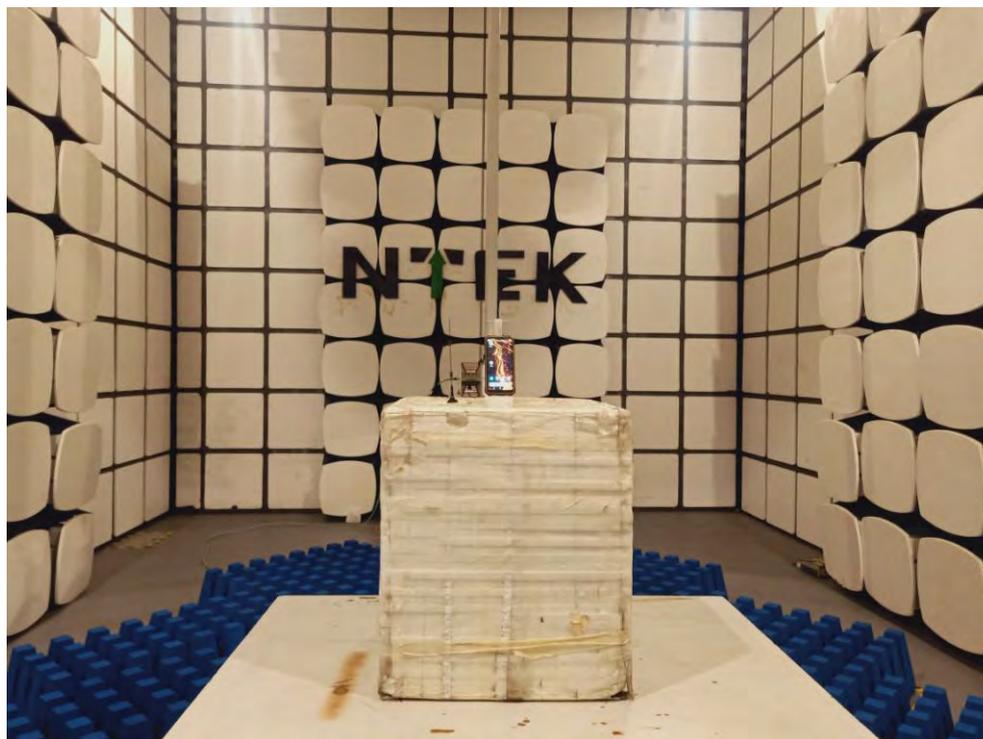
Test Result: Pass.

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