



RADIO TEST REPORT

ETSI EN 301 908-1 V15.1.1 (2021-09)

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

Product : Flip phone

Trade Mark : HAMTOD

Model Name : T8

Family Model : T10, T6, T9, T3, T2, T1

Report No. : S24071705602004

Prepared for

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TEST RESULT CERTIFICATION

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Product description

Product name : Flip phone
Trademark : HAMTOD
Model Name : T8
Family Model : T10, T6, T9, T3, T2, T1
Standards : ETSI EN 301 908-1 V15.1.1 (2021-09)
ETSI EN 301 908-13 V13.2.1 (2022-02)

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

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Test Sample Number S240717056002

Date of Test

Date (s) of performance of tests Jul.17, 2024 ~ Aug. 21, 2024

Date of Issue..... Aug. 21, 2024

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

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Revision History

Report No.	Version	Description	Issued Date
S24071705602004	Rev.01	Initial issue of report	Aug. 21, 2024

1.SUMMARY OF TEST RESULTS

Leading Reference Documents For Testing:

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

Specific Reference Documents For Testing:

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

1.1 TEST FACILITY

Shenzhen NTEK Testing Technology Co., Ltd.

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

CNAS Registration No.:L5516

1.2 MEASUREMENT UNCERTAINTY

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

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

2.GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Flip phone
Trade Mark	HAMTOD
Model Name	T8
Family Model:	T10, T6, T9, T3, T2, T1
Model Difference:	All the model are the same circuit and RF module, except the appearance
Frequency Bands:	E-UTRA FDD I, III, VII, VIII, XX
Frequency Bands:	FDD Band I: Uplink: 1920 MHz to 1980MHz Downlink: 2110 MHz to 2170 MHz FDD Band III: Uplink:1710 MHz to 1785 MHz Downlink: 1805 MHz to 1880 MHz FDD Band VII: Uplink: 2500 MHz to 2570 MHz Downlink: 2620 MHz to 2690 MHz FDD Band VIII: Uplink: 880MHz to 915 MHz Downlink: 925 MHz to 960 MHz FDD Band XX: Uplink: 832 MHz to 862 MHz Downlink: 791 MHz to 821 MHz
Power Class:	E-UTRA :3
SIM Card:	SIM 1 and SIM 2 is a chipset unit and tested as a single chipset. The SIM 1 is chosen for test.
Modulation Mode:	QPSK, 16QAM
Adapter	Model:G006A0501000C Input: 100-240V~50/60Hz 0.3A Output: 5.0V---1.0A 5.0W
Battery	DC 3.8V, 1500mAh, 5.7Wh
Rating	DC 3.8V from battery or DC 5V from Adapter.
Antenna:	PIFA Antenna
Antenna Gain:	Band1:-2.2 dBi; Band3:1 dBi; Band7:-1.4 dBi; Band8:-1.8 dBi; Band20:-1.4 dBi;
Hardware Version	L500_BM_V1.0
Software Version	L500B_HY_T8_EU_V04

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	E4440A	MY41000130	2024.04.26	2025.04.25	1 year
2	Test Receiver	R&S	ESPI7	101318	2024.04.26	2025.04.25	1 year
3	Bilog Antenna	TESEQ	CBL6111D	31216	2024.05.12	2025.05.11	1 year
4	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2024.04.26	2027.04.25	3 year
5	Spectrum Analyzer	Agilent	N9020A	MY46471732	2024.04.26	2025.04.25	1 year
6	Horn Antenna	EM	EM-AH-20180	2011071402	2024.05.12	2027.05.11	3 year
7	Horn Ant	Schwarzbeck	BBHA 9170	9170-181	2024.05.12	2027.05.11	3 year
8	Amplifier	EMC	EMC051835SE	980246	2024.04.25	2025.04.24	1 year
9	Loop Antenna	ARA	PLA-2030/B	1029	2024.04.26	2025.04.25	1 year
10	Temperature & Humidity Chamber	GIANT FORCE	GTH-056P	GF-94454-1	2024.04.26	2025.04.25	1 year
11	LTE Wireless Communications Test Set	R&S	CMW500	1100.008.02	2024.04.26	2025.04.25	1 year
12	Power Splitter	Mini-Circuits	ZN2PD-63-S+	SF025101428	2024.04.26	2027.04.25	3 year
13	Wireless Communication Test	Anritsu	MT8821C	6262192315	2024.04.25	2025.04.24	1 year
14	Power Meter	DARE	RPR3006W	15I00041SNO84	2024.04.25	2025.04.24	1 year
15	ESG VETCTOR SIGNAL GENERAROR	Agilent	E4438C	MY45093347	2024.04.25	2025.04.24	1 year
16	Spectrum Analyzer	R&S	FSV40	101417	2024.04.25	2025.04.24	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 3.8V
	Low Voltage (LV)	=	DC 3.23V
	High Voltage (HV)	=	DC 4.37V

Note: The High Voltage DC 4.37V and Low Voltage DC 3.23V 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

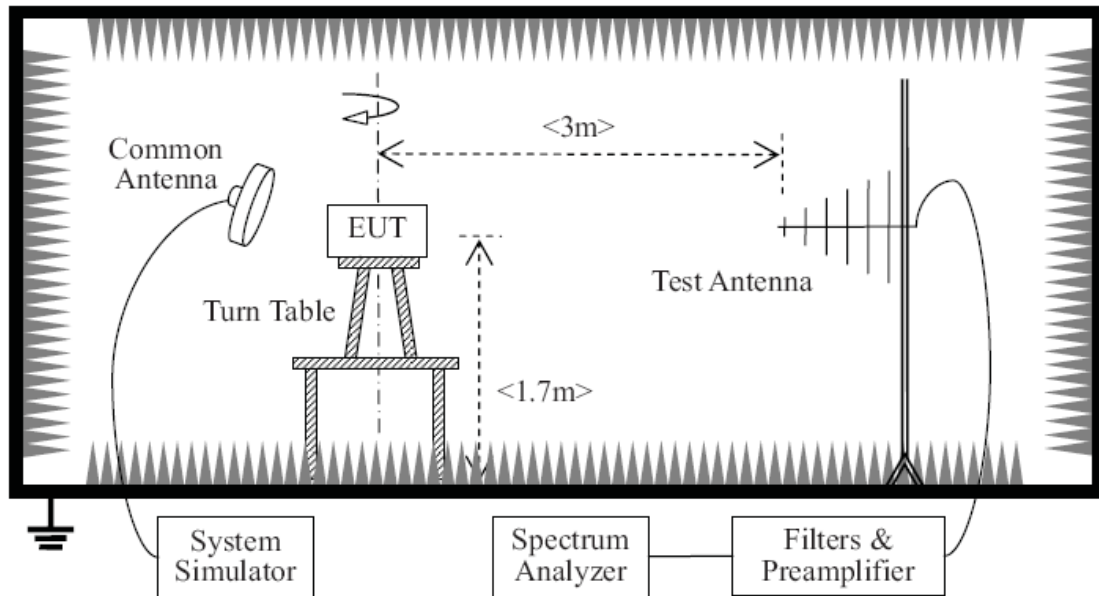
Table 2

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)	3MHz,5MHz,20 MHz
ETSI EN 301908-13 4.2.2	Transmitter Maximum Output Power	3MHz,5MHz,20 MHz
ETSI EN 301908-13 4.2.3	Transmitter Spectrum Emission Mask	3MHz,5MHz,10MHz,20 MHz
ETSI EN 301908-13 4.2.4	Transmitter Spurious Emissions	3MHz,5MHz,20 MHz
ETSI EN 301908-13 4.2.5	Transmitter Minimum Output Power	3MHz,5MHz,20 MHz
ETSI EN 301908-13 4.2.6	Receiver Adjacent Channel Selectivity (ACS)	3MHz,5MHz,20 MHz
ETSI EN 301908-13 4.2.7	Receiver Blocking Characteristics	3MHz,5MHz,20 MHz
ETSI EN 301908-13 4.2.8	Receiver Spurious Response	3MHz,5MHz,20 MHz
ETSI EN 301908-13 4.2.9	Receiver Intermodulation Characteristics	3MHz,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	3MHz,5MHz,10MHz,20 MHz
ETSI EN 301908-13 4.2.12	Receiver Reference Sensitivity Level	3MHz,5MHz,20 MHz

2.5 TEST SETUP

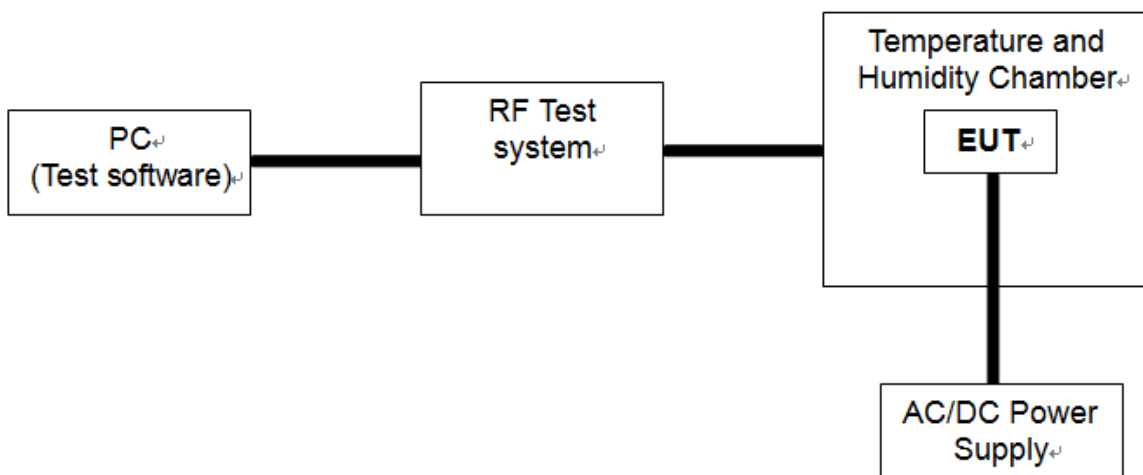
1. Radiated Spurious Emission Test Setup



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
4.2.13		Receiver Total Radiated Sensitivity (TRS)	NTC	N/A	N/A	N/A	N/A(NOTE2)
4.2.14		Total Radiated Power (TRP)	NTC	N/A	N/A	N/A	N/A(NOTE2)

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

2: The TRS and TRP requirement applies to handheld phones/DUTs that are wider than or equal to 56 mm. The wider of this DUT is 54mm.

APPENDIX D——TEST DATA FOR SPURIOUS EMISSIONS

D.1. RADIATED SPURIOUS EMISSIONS.

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
30.89	-77.98	3.91	-74.07	-36	-38.07	PASS
99.54	-62.86	6.95	-55.91	-36	-19.91	PASS
365.11	-72.13	9.27	-62.86	-36	-26.86	PASS
607.04	-59.23	9.75	-49.48	-36	-13.48	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1951.14	-62.11	18.05	-44.06	-30	-14.06	PASS
2161.45	-51.05	15.75	-35.30	-30	-5.30	PASS
3005.30	-55.15	13.06	-42.09	-30	-12.09	PASS
7725.84	-53.13	12.52	-40.61	-30	-10.61	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)	
58.07	-67.66	3.91	-63.75	-36	-27.75	PASS
109.07	-78.55	6.95	-71.60	-36	-35.60	PASS
386.22	-79.64	9.27	-70.37	-36	-34.37	PASS
892.71	-64.92	9.75	-55.17	-36	-19.17	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)	
1963.81	-64.19	18.05	-46.14	-30	-16.14	PASS
2423.43	-49.66	15.75	-33.91	-30	-3.91	PASS
3540.85	-61.64	13.06	-48.58	-30	-18.58	PASS
8040.23	-55.82	12.52	-43.30	-30	-13.30	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)	
73.01	-70.17	3.91	-66.26	-36	-30.26	PASS
173.99	-68.88	6.95	-61.93	-36	-25.93	PASS
387.14	-60.43	9.27	-51.16	-36	-15.16	PASS
896.28	-60.27	9.75	-50.52	-36	-14.52	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)	
1510.19	-67.48	18.05	-49.43	-30	-19.43	PASS
2396.51	-49.42	15.75	-33.67	-30	-3.67	PASS
3627.38	-53.09	13.06	-40.03	-30	-10.03	PASS
5470.92	-68.71	12.52	-56.19	-30	-26.19	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)	
76.93	-78.19	3.91	-74.28	-36	-38.28	PASS
98.78	-78.95	6.95	-72.00	-36	-36.00	PASS
272.97	-62.58	9.27	-53.31	-36	-17.31	PASS
879.06	-74.22	9.75	-64.47	-36	-28.47	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)	
1638.20	-58.35	18.05	-40.30	-30	-10.30	PASS
2563.14	-56.78	15.75	-41.03	-30	-11.03	PASS
3699.21	-58.48	13.06	-45.42	-30	-15.42	PASS
11957.07	-68.46	12.52	-55.94	-30	-25.94	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)	
77.11	-71.24	3.91	-67.33	-36	-31.33	PASS
139.99	-62.57	6.95	-55.62	-36	-19.62	PASS
318.34	-71.73	9.27	-62.46	-36	-26.46	PASS
653.91	-64.12	9.75	-54.37	-36	-18.37	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)	
1549.87	-60.64	18.05	-42.59	-30	-12.59	PASS
2691.12	-66.28	15.75	-50.53	-30	-20.53	PASS
3510.41	-65.67	13.06	-52.61	-30	-22.61	PASS
7953.98	-55.49	12.52	-42.97	-30	-12.97	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)	
54.21	-62.75	3.91	-58.84	-36	-22.84	PASS
142.60	-61.56	6.95	-54.61	-36	-18.61	PASS
277.84	-74.35	9.27	-65.08	-36	-29.08	PASS
851.80	-62.59	9.75	-52.84	-36	-16.84	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)	
1400.27	-67.16	18.05	-49.11	-30	-19.11	PASS
2917.70	-57.58	15.75	-41.83	-30	-11.83	PASS
3489.80	-66.18	13.06	-53.12	-30	-23.12	PASS
5049.65	-61.78	12.52	-49.26	-30	-19.26	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)	
66.98	-73.11	3.91	-69.20	-36	-33.20	PASS
100.12	-77.67	6.95	-70.72	-36	-34.72	PASS
558.57	-60.79	9.27	-51.52	-36	-15.52	PASS
708.74	-59.42	9.75	-49.67	-36	-13.67	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)	
1206.32	-56.69	18.05	-38.64	-30	-8.64	PASS
2012.80	-65.87	15.75	-50.12	-30	-20.12	PASS
3261.55	-65.43	13.06	-52.37	-30	-22.37	PASS
6281.44	-58.77	12.52	-46.25	-30	-16.25	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)	
36.14	-61.15	3.91	-57.24	-36	-21.24	PASS
90.15	-73.2	6.95	-66.25	-36	-30.25	PASS
209.96	-75.39	9.27	-66.12	-36	-30.12	PASS
643.83	-68.95	9.75	-59.20	-36	-23.20	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)	
1421.58	-49.17	18.05	-31.12	-30	-1.12	PASS
2734.61	-65.76	15.75	-50.01	-30	-20.01	PASS
3199.94	-58.18	13.06	-45.12	-30	-15.12	PASS
7025.91	-64.54	12.52	-52.02	-30	-22.02	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)	
58.76	-60.87	2.35	-58.52	-36	-22.52	PASS
118.12	-55.50	1.38	-54.12	-36	-18.12	PASS
488.55	-49.63	5.45	-44.18	-36	-8.18	PASS
803.08	-63.74	1.45	-62.29	-36	-26.29	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)	
1417.67	-57.98	14.81	-43.17	-30	-13.17	PASS
2039.17	-66.95	15.91	-51.04	-30	-21.04	PASS
3871.83	-53.25	14.93	-38.32	-30	-8.32	PASS
10050.48	-54.31	16.55	-37.76	-30	-7.76	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)	
69.14	-58.58	5.93	-52.65	-36	-16.65	PASS
175.40	-64.65	9.25	-55.40	-36	-19.40	PASS
248.80	-56.31	4.35	-51.96	-36	-15.96	PASS
708.66	-65.24	8.47	-56.77	-36	-20.77	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)	
1368.96	-64.05	18.25	-45.80	-30	-15.80	PASS
2276.92	-66.53	18.87	-47.66	-30	-17.66	PASS
3620.23	-51.43	13.86	-37.57	-30	-7.57	PASS
8465.11	-67.43	10.24	-57.19	-30	-27.19	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)	
32.85	-58.80	6.38	-52.42	-36	-16.42	PASS
116.66	-49.60	8.65	-40.95	-36	-4.95	PASS
300.38	-57.98	1.51	-56.47	-36	-20.47	PASS
663.86	-61.87	9.03	-52.84	-36	-16.84	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)	
1415.14	-54.62	11.72	-42.90	-30	-12.90	PASS
2189.56	-57.38	15.95	-41.43	-30	-11.43	PASS
3511.42	-64.62	12.25	-52.37	-30	-22.37	PASS
11701.32	-52.30	15.98	-36.32	-30	-6.32	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)	
65.10	-51.68	1.69	-49.99	-36	-13.99	PASS
149.83	-68.51	3.80	-64.71	-36	-28.71	PASS
219.99	-66.58	3.93	-62.65	-36	-26.65	PASS
649.81	-56.98	8.89	-48.09	-36	-12.09	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)	
1409.30	-58.86	15.40	-43.46	-30	-13.46	PASS
2546.55	-50.99	14.23	-36.76	-30	-6.76	PASS
3893.68	-64.53	18.65	-45.88	-30	-15.88	PASS
10079.64	-65.78	16.16	-49.62	-30	-19.62	PASS

Remark:

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

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
61.79	-65.33	3.91	-61.42	-36	-25.42	PASS
169.10	-76.77	6.95	-69.82	-36	-33.82	PASS
209.71	-78.73	9.27	-69.46	-36	-33.46	PASS
674.80	-68.90	9.75	-59.15	-36	-23.15	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)	
1374.54	-53.95	18.05	-35.90	-30	-5.90	PASS
2354.30	-64.42	15.75	-48.67	-30	-18.67	PASS
3724.13	-60.26	13.06	-47.20	-30	-17.20	PASS
6245.39	-58.84	12.52	-46.32	-30	-16.32	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)	
43.73	-62.03	3.91	-58.12	-36	-22.12	PASS
165.03	-78.75	6.95	-71.80	-36	-35.80	PASS
228.56	-65.69	9.27	-56.42	-36	-20.42	PASS
613.39	-77.72	9.75	-67.97	-36	-31.97	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)	
1817.92	-69.26	18.05	-51.21	-30	-21.21	PASS
3000.65	-55.96	15.75	-40.21	-30	-10.21	PASS
3931.80	-57.05	13.06	-43.99	-30	-13.99	PASS
9754.70	-61.28	12.52	-48.76	-30	-18.76	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)	
89.31	-65.14	3.91	-61.23	-36	-25.23	PASS
121.86	-64.38	6.95	-57.43	-36	-21.43	PASS
416.18	-78.40	9.27	-69.13	-36	-33.13	PASS
898.36	-67.62	9.75	-57.87	-36	-21.87	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)	
1780.24	-49.74	18.05	-31.69	-30	-1.69	PASS
2754.84	-68.78	15.75	-53.03	-30	-23.03	PASS
3585.17	-62.28	13.06	-49.22	-30	-19.22	PASS
8109.80	-50.47	12.52	-37.95	-30	-7.95	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)	
53.09	-61.96	3.91	-58.05	-36	-22.05	PASS
137.44	-67.64	6.95	-60.69	-36	-24.69	PASS
558.61	-62.79	9.27	-53.52	-36	-17.52	PASS
600.30	-70.10	9.75	-60.35	-36	-24.35	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)	
1041.05	-69.28	18.05	-51.23	-30	-21.23	PASS
2871.21	-58.06	15.75	-42.31	-30	-12.31	PASS
3935.66	-65.8	13.06	-52.74	-30	-22.74	PASS
10763.81	-69.53	12.52	-57.01	-30	-27.01	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)	
81.28	-76.21	3.91	-72.30	-36	-36.30	PASS
190.99	-75.81	6.95	-68.86	-36	-32.86	PASS
536.39	-73.43	9.27	-64.16	-36	-28.16	PASS
601.88	-61.03	9.75	-51.28	-36	-15.28	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)	
1268.48	-66.73	18.05	-48.68	-30	-18.68	PASS
2622.45	-59.03	15.75	-43.28	-30	-13.28	PASS
3290.35	-49.8	13.06	-36.74	-30	-6.74	PASS
7016.61	-66.93	12.52	-54.41	-30	-24.41	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)	
50.00	-78.27	3.91	-74.36	-36	-38.36	PASS
194.18	-71.96	6.95	-65.01	-36	-29.01	PASS
389.92	-73.70	9.27	-64.43	-36	-28.43	PASS
900.63	-70.35	9.75	-60.60	-36	-24.60	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)	
1928.99	-63.1	18.05	-45.05	-30	-15.05	PASS
2769.62	-68.15	15.75	-52.40	-30	-22.40	PASS
3782.97	-56.42	13.06	-43.36	-30	-13.36	PASS
8925.98	-61.6	12.52	-49.08	-30	-19.08	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)	
38.30	-65.42	3.91	-61.51	-36	-25.51	PASS
138.54	-66.40	6.95	-59.45	-36	-23.45	PASS
325.44	-78.96	9.27	-69.69	-36	-33.69	PASS
735.44	-70.55	9.75	-60.80	-36	-24.80	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)	
1056.77	-52.09	18.05	-34.04	-30	-4.04	PASS
2887.15	-69.18	15.75	-53.43	-30	-23.43	PASS
3695.57	-54.87	13.06	-41.81	-30	-11.81	PASS
5707.90	-58.43	12.52	-45.91	-30	-15.91	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)	
54.47	-74.82	3.91	-70.91	-36	-34.91	PASS
94.83	-79.00	6.95	-72.05	-36	-36.05	PASS
223.55	-63.69	9.27	-54.42	-36	-18.42	PASS
634.22	-66.62	9.75	-56.87	-36	-20.87	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)	
1793.19	-55.83	18.05	-37.78	-30	-7.78	PASS
2545.40	-64.25	15.75	-48.50	-30	-18.50	PASS
3398.31	-51.12	13.06	-38.06	-30	-8.06	PASS
8756.62	-57.41	12.52	-44.89	-30	-14.89	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)	
46.63	-77.90	3.91	-73.99	-36	-37.99	PASS
152.89	-72.72	6.95	-65.77	-36	-29.77	PASS
410.22	-72.44	9.27	-63.17	-36	-27.17	PASS
754.56	-71.68	9.75	-61.93	-36	-25.93	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)	
1511.50	-57.49	18.05	-39.44	-30	-9.44	PASS
2262.79	-61.6	15.75	-45.85	-30	-15.85	PASS
3191.63	-63.95	13.06	-50.89	-30	-20.89	PASS
7656.72	-64.4	12.52	-51.88	-30	-21.88	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)	
85.01	-67.37	3.91	-63.46	-36	-27.46	PASS
151.86	-69.05	6.95	-62.10	-36	-26.10	PASS
545.10	-78.46	9.27	-69.19	-36	-33.19	PASS
735.08	-65.32	9.75	-55.57	-36	-19.57	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)	
1667.15	-64.6	18.05	-46.55	-30	-16.55	PASS
2720.25	-57.33	15.75	-41.58	-30	-11.58	PASS
3760.33	-52.77	13.06	-39.71	-30	-9.71	PASS
6924.82	-59.16	12.52	-46.64	-30	-16.64	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)	
80.76	-71.38	3.91	-67.47	-36	-31.47	PASS
153.31	-64.48	6.95	-57.53	-36	-21.53	PASS
223.71	-75.79	9.27	-66.52	-36	-30.52	PASS
752.94	-78.86	9.75	-69.11	-36	-33.11	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)	
1751.62	-64.63	18.05	-46.58	-30	-16.58	PASS
2700.81	-63.48	15.75	-47.73	-30	-17.73	PASS
3526.31	-49.43	13.06	-36.37	-30	-6.37	PASS
10844.50	-55.24	12.52	-42.72	-30	-12.72	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)	
64.54	-60.68	3.91	-56.77	-36	-20.77	PASS
177.74	-62.29	6.95	-55.34	-36	-19.34	PASS
378.97	-61.68	9.27	-52.41	-36	-16.41	PASS
620.05	-73.54	9.75	-63.79	-36	-27.79	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)	
1935.21	-59.94	18.05	-41.89	-30	-11.89	PASS
2500.57	-54.03	15.75	-38.28	-30	-8.28	PASS
3686.21	-69.24	13.06	-56.18	-30	-26.18	PASS
10802.17	-65.68	12.52	-53.16	-30	-23.16	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)	
80.79	-76.38	3.91	-72.47	-36	-36.47	PASS
179.89	-68.61	6.95	-61.66	-36	-25.66	PASS
394.99	-67.16	9.27	-57.89	-36	-21.89	PASS
801.41	-73.72	9.75	-63.97	-36	-27.97	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)	
1366.39	-65.06	18.05	-47.01	-30	-17.01	PASS
2827.39	-58.78	15.75	-43.03	-30	-13.03	PASS
3288.17	-51.37	13.06	-38.31	-30	-8.31	PASS
6668.98	-62.73	12.52	-50.21	-30	-20.21	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)	
89.63	-61.63	3.91	-57.72	-36	-21.72	PASS
127.10	-69.11	6.95	-62.16	-36	-26.16	PASS
280.37	-78.25	9.27	-68.98	-36	-32.98	PASS
846.57	-72.10	9.75	-62.35	-36	-26.35	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)	
1546.27	-64.44	18.05	-46.39	-30	-16.39	PASS
2403.97	-64.69	15.75	-48.94	-30	-18.94	PASS
3857.19	-60.99	13.06	-47.93	-30	-17.93	PASS
9082.52	-53.77	12.52	-41.25	-30	-11.25	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)	
57.20	-66.88	3.91	-62.97	-36	-26.97	PASS
188.76	-63.08	6.95	-56.13	-36	-20.13	PASS
400.37	-67.62	9.27	-58.35	-36	-22.35	PASS
843.79	-78.49	9.75	-68.74	-36	-32.74	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)	
1039.42	-68.73	18.05	-50.68	-30	-20.68	PASS
2877.58	-51.29	15.75	-35.54	-30	-5.54	PASS
3376.74	-62.85	13.06	-49.79	-30	-19.79	PASS
11766.04	-61.71	12.52	-49.19	-30	-19.19	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)	
64.29	-68.63	3.91	-64.72	-36	-28.72	PASS
174.48	-59.29	6.95	-52.34	-36	-16.34	PASS
370.28	-76.57	9.27	-67.30	-36	-31.30	PASS
804.54	-75.38	9.75	-65.63	-36	-29.63	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)	
1795.65	-55.64	18.05	-37.59	-30	-7.59	PASS
2190.82	-55.05	15.75	-39.30	-30	-9.30	PASS
3875.60	-62.85	13.06	-49.79	-30	-19.79	PASS
5486.08	-63.91	12.52	-51.39	-30	-21.39	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)	
58.20	-65.44	3.91	-61.53	-36	-25.53	PASS
199.44	-62.80	6.95	-55.85	-36	-19.85	PASS
573.24	-69.68	9.27	-60.41	-36	-24.41	PASS
878.63	-66.13	9.75	-56.38	-36	-20.38	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)	
1888.06	-59.31	18.05	-41.26	-30	-11.26	PASS
2950.52	-69	15.75	-53.25	-30	-23.25	PASS
3349.13	-58.59	13.06	-45.53	-30	-15.53	PASS
11911.94	-59.72	12.52	-47.20	-30	-17.20	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)	
35.60	-71.97	3.91	-68.06	-36	-32.06	PASS
128.69	-71.06	6.95	-64.11	-36	-28.11	PASS
453.97	-65.28	9.27	-56.01	-36	-20.01	PASS
750.75	-73.98	9.75	-64.23	-36	-28.23	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)	
1131.27	-67.36	18.05	-49.31	-30	-19.31	PASS
2170.37	-57.42	15.75	-41.67	-30	-11.67	PASS
3070.43	-57.5	13.06	-44.44	-30	-14.44	PASS
6552.33	-69.97	12.52	-57.45	-30	-27.45	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
36.36	-54.47	3.91	-50.56	-36	-14.56	PASS
109.59	-59.86	6.95	-52.91	-36	-16.91	PASS
443.08	-57.69	9.27	-48.42	-36	-12.42	PASS
619.68	-54.73	9.75	-44.98	-36	-8.98	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)	
1960.62	-59.34	18.05	-41.29	-30	-11.29	PASS
2308.89	-53.80	15.75	-38.05	-30	-8.05	PASS
3172.25	-52.92	13.06	-39.86	-30	-9.86	PASS
8084.04	-50.33	12.52	-37.81	-30	-7.81	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)	
49.95	-58.10	3.91	-54.19	-36	-18.19	PASS
197.26	-54.70	6.95	-47.75	-36	-11.75	PASS
429.69	-55.61	9.27	-46.34	-36	-10.34	PASS
628.86	-56.47	9.75	-46.72	-36	-10.72	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)	
1387.91	-56.53	18.05	-38.48	-30	-8.48	PASS
2360.86	-49.32	15.75	-33.57	-30	-3.57	PASS
3461.39	-49.64	13.06	-36.58	-30	-6.58	PASS
7353.13	-58.93	12.52	-46.41	-30	-16.41	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)	
68.98	-57.48	3.91	-53.57	-36	-17.57	PASS
96.65	-51.37	6.95	-44.42	-36	-8.42	PASS
585.36	-56.81	9.27	-47.54	-36	-11.54	PASS
661.72	-54.19	9.75	-44.44	-36	-8.44	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)	
1248.33	-59.60	18.05	-41.55	-30	-11.55	PASS
2586.13	-57.10	15.75	-41.35	-30	-11.35	PASS
3384.30	-52.97	13.06	-39.91	-30	-9.91	PASS
7916.47	-59.71	12.52	-47.19	-30	-17.19	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)	
77.31	-55.52	3.91	-51.61	-36	-15.61	PASS
145.56	-57.96	6.95	-51.01	-36	-15.01	PASS
373.34	-50.21	9.27	-40.94	-36	-4.94	PASS
654.30	-49.76	9.75	-40.01	-36	-4.01	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)	
1835.33	-49.98	18.05	-31.93	-30	-1.93	PASS
2028.72	-55.67	15.75	-39.92	-30	-9.92	PASS
3566.76	-58.52	13.06	-45.46	-30	-15.46	PASS
10192.19	-53.93	12.52	-41.41	-30	-11.41	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 7 CH H 5M QPSK H 30M-1G

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
45.25	-59.49	3.91	-55.58	-36	-19.58	PASS
130.93	-56.89	6.95	-49.94	-36	-13.94	PASS
381.51	-49.28	9.27	-40.01	-36	-4.01	PASS
862.67	-55.44	9.75	-45.69	-36	-9.69	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1555.43	-58.61	18.05	-40.56	-30	-10.56	PASS
2732.16	-50.02	15.75	-34.27	-30	-4.27	PASS
3480.87	-49.92	13.06	-36.86	-30	-6.86	PASS
7835.11	-57.38	12.52	-44.86	-30	-14.86	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)	
69.85	-54.40	3.91	-50.49	-36	-14.49	PASS
90.57	-59.44	6.95	-52.49	-36	-16.49	PASS
478.61	-49.71	9.27	-40.44	-36	-4.44	PASS
890.45	-52.65	9.75	-42.90	-36	-6.90	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)	
1109.70	-57.48	18.05	-39.43	-30	-9.43	PASS
2520.41	-57.02	15.75	-41.27	-30	-11.27	PASS
3657.15	-56.58	13.06	-43.52	-30	-13.52	PASS
6126.53	-51.90	12.52	-39.38	-30	-9.38	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)	
90.94	-69.15	3.91	-65.24	-36	-29.24	PASS
155.31	-70.90	6.95	-63.95	-36	-27.95	PASS
456.23	-71.60	9.27	-62.33	-36	-26.33	PASS
792.18	-59.50	9.75	-49.75	-36	-13.75	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
1199.25	-51.98	18.05	-33.93	-30	-3.93	PASS
2122.60	-66.57	15.75	-50.82	-30	-20.82	PASS
3477.48	-68.96	13.06	-55.90	-30	-25.90	PASS
8043.51	-68.96	12.52	-56.44	-30	-26.44	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)	
57.77	-64.72	3.91	-60.81	-36	-24.81	PASS
190.70	-72.66	6.95	-65.71	-36	-29.71	PASS
417.98	-76.49	9.27	-67.22	-36	-31.22	PASS
846.33	-66.40	9.75	-56.65	-36	-20.65	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)	
1543.97	-55.53	18.05	-37.48	-30	-7.48	PASS
2117.29	-63.58	15.75	-47.83	-30	-17.83	PASS
3575.00	-68.84	13.06	-55.78	-30	-25.78	PASS
5754.33	-68.71	12.52	-56.19	-30	-26.19	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)	
48.26	-71.43	3.91	-67.52	-36	-31.52	PASS
187.90	-70.10	6.95	-63.15	-36	-27.15	PASS
214.37	-73.25	9.27	-63.98	-36	-27.98	PASS
763.12	-70.15	9.75	-60.40	-36	-24.40	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)	
1652.59	-49.57	18.05	-31.52	-30	-1.52	PASS
2146.78	-66.83	15.75	-51.08	-30	-21.08	PASS
3852.36	-61.44	13.06	-48.38	-30	-18.38	PASS
5397.25	-65.55	12.52	-53.03	-30	-23.03	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)	
73.65	-76.61	3.91	-72.70	-36	-36.70	PASS
128.88	-71.88	6.95	-64.93	-36	-28.93	PASS
587.54	-69.95	9.27	-60.68	-36	-24.68	PASS
859.33	-67.66	9.75	-57.91	-36	-21.91	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)	
1876.70	-54.14	18.05	-36.09	-30	-6.09	PASS
2533.68	-50.84	15.75	-35.09	-30	-5.09	PASS
3541.20	-60	13.06	-46.94	-30	-16.94	PASS
4374.91	-49.22	12.52	-36.70	-30	-6.70	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)	
81.54	-59.95	3.91	-56.04	-36	-20.04	PASS
188.18	-78.83	6.95	-71.88	-36	-35.88	PASS
519.86	-72.67	9.27	-63.40	-36	-27.40	PASS
740.21	-63.76	9.75	-54.01	-36	-18.01	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)	
1115.73	-67.84	18.05	-49.79	-30	-19.79	PASS
2051.93	-50.25	15.75	-34.50	-30	-4.50	PASS
3165.82	-64.32	13.06	-51.26	-30	-21.26	PASS
4655.81	-52.8	12.52	-40.28	-30	-10.28	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)	
75.67	-62.85	3.91	-58.94	-36	-22.94	PASS
98.39	-73.75	6.95	-66.80	-36	-30.80	PASS
470.15	-78.19	9.27	-68.92	-36	-32.92	PASS
634.70	-71.96	9.75	-62.21	-36	-26.21	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)	
1887.18	-58.71	18.05	-40.66	-30	-10.66	PASS
2310.38	-60.2	15.75	-44.45	-30	-14.45	PASS
3532.37	-50.7	13.06	-37.64	-30	-7.64	PASS
7398.68	-65.02	12.52	-52.50	-30	-22.50	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)	
66.71	-77.45	3.91	-73.54	-36	-37.54	PASS
159.49	-65.48	6.95	-58.53	-36	-22.53	PASS
293.99	-65.30	9.27	-56.03	-36	-20.03	PASS
760.39	-73.03	9.75	-63.28	-36	-27.28	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)	
1530.43	-67.9	18.05	-49.85	-30	-19.85	PASS
2573.65	-69.8	15.75	-54.05	-30	-24.05	PASS
3525.49	-56.26	13.06	-43.20	-30	-13.20	PASS
10140.71	-69.76	12.52	-57.24	-30	-27.24	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)	
79.39	-61.48	3.91	-57.57	-36	-21.57	PASS
91.64	-79.75	6.95	-72.80	-36	-36.80	PASS
252.63	-61.49	9.27	-52.22	-36	-16.22	PASS
641.62	-68.89	9.75	-59.14	-36	-23.14	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)	
1495.80	-67.74	18.05	-49.69	-30	-19.69	PASS
2454.23	-49.87	15.75	-34.12	-30	-4.12	PASS
3739.31	-54.86	13.06	-41.80	-30	-11.80	PASS
6544.37	-64.93	12.52	-52.41	-30	-22.41	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)	
78.81	-71.03	3.91	-67.12	-36	-31.12	PASS
126.89	-59.83	6.95	-52.88	-36	-16.88	PASS
367.35	-67.91	9.27	-58.64	-36	-22.64	PASS
862.84	-69.69	9.75	-59.94	-36	-23.94	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)	
1415.81	-50.22	18.05	-32.17	-30	-2.17	PASS
2732.36	-57.03	15.75	-41.28	-30	-11.28	PASS
3688.12	-65.87	13.06	-52.81	-30	-22.81	PASS
10983.99	-61.87	12.52	-49.35	-30	-19.35	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)	
85.52	-68.01	3.91	-64.10	-36	-28.10	PASS
110.70	-74.46	6.95	-67.51	-36	-31.51	PASS
439.86	-65.95	9.27	-56.68	-36	-20.68	PASS
614.61	-59.99	9.75	-50.24	-36	-14.24	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)	
1061.44	-59.07	18.05	-41.02	-30	-11.02	PASS
2442.36	-69.56	15.75	-53.81	-30	-23.81	PASS
3057.13	-54.86	13.06	-41.80	-30	-11.80	PASS
9926.68	-62.57	12.52	-50.05	-30	-20.05	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)	
48.31	-74.48	3.91	-70.57	-36	-34.57	PASS
94.81	-69.13	6.95	-62.18	-36	-26.18	PASS
463.08	-61.68	9.27	-52.41	-36	-16.41	PASS
827.33	-78.75	9.75	-69.00	-36	-33.00	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)	
1478.08	-65.42	18.05	-47.37	-30	-17.37	PASS
2372.18	-57.33	15.75	-41.58	-30	-11.58	PASS
3991.85	-59.33	13.06	-46.27	-30	-16.27	PASS
4066.70	-60.46	12.52	-47.94	-30	-17.94	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)	
90.19	-62.24	3.91	-58.33	-36	-22.33	PASS
159.65	-64.80	6.95	-57.85	-36	-21.85	PASS
366.57	-72.24	9.27	-62.97	-36	-26.97	PASS
816.08	-70.29	9.75	-60.54	-36	-24.54	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)	
1325.38	-66.48	18.05	-48.43	-30	-18.43	PASS
2930.71	-63.44	15.75	-47.69	-30	-17.69	PASS
3464.25	-57.78	13.06	-44.72	-30	-14.72	PASS
11631.80	-68.8	12.52	-56.28	-30	-26.28	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)	
90.31	-62.54	3.91	-58.63	-36	-22.63	PASS
155.68	-76.63	6.95	-69.68	-36	-33.68	PASS
412.70	-75.92	9.27	-66.65	-36	-30.65	PASS
858.42	-76.08	9.75	-66.33	-36	-30.33	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)	
1582.45	-51.51	18.05	-33.46	-30	-3.46	PASS
2767.11	-62.13	15.75	-46.38	-30	-16.38	PASS
3676.05	-50.72	13.06	-37.66	-30	-7.66	PASS
5645.72	-52.21	12.52	-39.69	-30	-9.69	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)	
44.01	-74.76	3.91	-70.85	-36	-34.85	PASS
198.45	-60.93	6.95	-53.98	-36	-17.98	PASS
360.07	-62.77	9.27	-53.50	-36	-17.50	PASS
797.13	-60.74	9.75	-50.99	-36	-14.99	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)	
1974.94	-55.25	18.05	-37.20	-30	-7.20	PASS
2776.60	-58.3	15.75	-42.55	-30	-12.55	PASS
3581.12	-64.05	13.06	-50.99	-30	-20.99	PASS
11538.43	-58.35	12.52	-45.83	-30	-15.83	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)	
38.53	-64.34	3.91	-60.43	-36	-24.43	PASS
127.82	-65.80	6.95	-58.85	-36	-22.85	PASS
426.36	-74.19	9.27	-64.92	-36	-28.92	PASS
713.88	-64.17	9.75	-54.42	-36	-18.42	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)	
1879.80	-52.61	18.05	-34.56	-30	-4.56	PASS
2738.27	-67.38	15.75	-51.63	-30	-21.63	PASS
3090.07	-49.49	13.06	-36.43	-30	-6.43	PASS
10067.79	-61.33	12.52	-48.81	-30	-18.81	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)	
56.85	-60.06	3.91	-56.15	-36	-20.15	PASS
146.66	-60.49	6.95	-53.54	-36	-17.54	PASS
500.20	-65.96	9.27	-56.69	-36	-20.69	PASS
657.16	-62.23	9.75	-52.48	-36	-16.48	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)	
1267.41	-61.37	18.05	-43.32	-30	-13.32	PASS
2630.31	-69.02	15.75	-53.27	-30	-23.27	PASS
3981.42	-59.56	13.06	-46.50	-30	-16.50	PASS
6420.54	-60.79	12.52	-48.27	-30	-18.27	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)	
34.02	-74.76	3.91	-70.85	-36	-34.85	PASS
97.95	-79.94	6.95	-72.99	-36	-36.99	PASS
294.33	-60.89	9.27	-51.62	-36	-15.62	PASS
774.75	-59.02	9.75	-49.27	-36	-13.27	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)	
1440.71	-64.62	18.05	-46.57	-30	-16.57	PASS
2531.41	-67.31	15.75	-51.56	-30	-21.56	PASS
3843.51	-56.73	13.06	-43.67	-30	-13.67	PASS
4615.29	-50.24	12.52	-37.72	-30	-7.72	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)	
48.32	-67.56	3.91	-63.65	-36	-27.65	PASS
136.98	-59.47	6.95	-52.52	-36	-16.52	PASS
583.75	-61.53	9.27	-52.26	-36	-16.26	PASS
766.53	-68.96	9.75	-59.21	-36	-23.21	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)	
1127.61	-56.72	18.05	-38.67	-30	-8.67	PASS
2803.66	-49.64	15.75	-33.89	-30	-3.89	PASS
3550.53	-53.99	13.06	-40.93	-30	-10.93	PASS
11054.07	-59.72	12.52	-47.20	-30	-17.20	PASS

Remark:

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

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
52.28	-59.88	3.91	-55.97	-36	-19.97	PASS
179.59	-68.32	6.95	-61.37	-36	-25.37	PASS
473.02	-62.51	9.27	-53.24	-36	-17.24	PASS
716.15	-68.41	9.75	-58.66	-36	-22.66	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)	
1814.97	-69.87	18.05	-51.82	-30	-21.82	PASS
2408.84	-58.65	15.75	-42.90	-30	-12.90	PASS
3347.45	-51.66	13.06	-38.60	-30	-8.60	PASS
7133.35	-57.25	12.52	-44.73	-30	-14.73	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)	
84.53	-74.70	3.91	-70.79	-36	-34.79	PASS
147.93	-76.34	6.95	-69.39	-36	-33.39	PASS
450.55	-61.44	9.27	-52.17	-36	-16.17	PASS
698.16	-63.67	9.75	-53.92	-36	-17.92	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)	
1178.90	-57.97	18.05	-39.92	-30	-9.92	PASS
2197.43	-50.84	15.75	-35.09	-30	-5.09	PASS
3845.99	-54.01	13.06	-40.95	-30	-10.95	PASS
6761.46	-55.12	12.52	-42.60	-30	-12.60	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
54.39	-61.85	3.91	-57.94	-36	-21.94	PASS
140.25	-78.55	6.95	-71.60	-36	-35.60	PASS
251.45	-69.23	9.27	-59.96	-36	-23.96	PASS
640.16	-63.64	9.75	-53.89	-36	-17.89	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)	
1872.97	-53.78	18.05	-35.73	-30	-5.73	PASS
2642.73	-67.22	15.75	-51.47	-30	-21.47	PASS
3509.04	-50.89	13.06	-37.83	-30	-7.83	PASS
7413.12	-57.64	12.52	-45.12	-30	-15.12	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)	
44.25	-59.80	3.91	-55.89	-36	-19.89	PASS
199.46	-74.40	6.95	-67.45	-36	-31.45	PASS
245.47	-59.04	9.27	-49.77	-36	-13.77	PASS
667.47	-63.99	9.75	-54.24	-36	-18.24	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)	
1756.10	-60.49	18.05	-42.44	-30	-12.44	PASS
2520.60	-69.24	15.75	-53.49	-30	-23.49	PASS
3808.36	-61.61	13.06	-48.55	-30	-18.55	PASS
6937.19	-53.66	12.52	-41.14	-30	-11.14	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
30.91	-64.27	3.91	-60.36	-36	-24.36	PASS
134.68	-65.02	6.95	-58.07	-36	-22.07	PASS
346.13	-78.23	9.27	-68.96	-36	-32.96	PASS
728.59	-64.37	9.75	-54.62	-36	-18.62	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)	
1524.49	-55.79	18.05	-37.74	-30	-7.74	PASS
2874.39	-51.92	15.75	-36.17	-30	-6.17	PASS
3935.34	-62.94	13.06	-49.88	-30	-19.88	PASS
9114.18	-56.18	12.52	-43.66	-30	-13.66	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)	
80.39	-74.80	3.91	-70.89	-36	-34.89	PASS
116.31	-76.41	6.95	-69.46	-36	-33.46	PASS
249.10	-74.50	9.27	-65.23	-36	-29.23	PASS
757.04	-72.41	9.75	-62.66	-36	-26.66	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)	
1264.49	-60.79	18.05	-42.74	-30	-12.74	PASS
2542.87	-61.63	15.75	-45.88	-30	-15.88	PASS
3509.54	-49.45	13.06	-36.39	-30	-6.39	PASS
11538.64	-59.89	12.52	-47.37	-30	-17.37	PASS

Remark:

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

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
63.17	-62.29	3.91	-58.38	-36	-22.38	PASS
154.58	-74.95	6.95	-68.00	-36	-32.00	PASS
405.17	-74.67	9.27	-65.40	-36	-29.40	PASS
765.04	-75.30	9.75	-65.55	-36	-29.55	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)	
1674.21	-68.86	18.05	-50.81	-30	-20.81	PASS
2870.66	-54.78	15.75	-39.03	-30	-9.03	PASS
3220.93	-52.89	13.06	-39.83	-30	-9.83	PASS
7635.54	-62.64	12.52	-50.12	-30	-20.12	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)	
67.42	-67.15	3.91	-63.24	-36	-27.24	PASS
101.77	-63.09	6.95	-56.14	-36	-20.14	PASS
256.39	-65.48	9.27	-56.21	-36	-20.21	PASS
610.85	-64.46	9.75	-54.71	-36	-18.71	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)	
1926.88	-59.27	18.05	-41.22	-30	-11.22	PASS
2829.90	-68.32	15.75	-52.57	-30	-22.57	PASS
3540.27	-51.63	13.06	-38.57	-30	-8.57	PASS
11922.86	-56.41	12.52	-43.89	-30	-13.89	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
48.38	-70.12	3.91	-66.21	-36	-30.21	PASS
117.60	-65.94	6.95	-58.99	-36	-22.99	PASS
228.41	-71.43	9.27	-62.16	-36	-26.16	PASS
641.41	-73.94	9.75	-64.19	-36	-28.19	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)	
1234.77	-52.92	18.05	-34.87	-30	-4.87	PASS
2732.99	-52.85	15.75	-37.10	-30	-7.10	PASS
3105.07	-66.71	13.06	-53.65	-30	-23.65	PASS
5551.87	-55.3	12.52	-42.78	-30	-12.78	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)	
81.95	-59.68	3.91	-55.77	-36	-19.77	PASS
192.15	-69.16	6.95	-62.21	-36	-26.21	PASS
270.77	-67.17	9.27	-57.90	-36	-21.90	PASS
863.60	-76.97	9.75	-67.22	-36	-31.22	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)	
1329.79	-61.68	18.05	-43.63	-30	-13.63	PASS
2948.45	-69.81	15.75	-54.06	-30	-24.06	PASS
3915.84	-69.34	13.06	-56.28	-30	-26.28	PASS
10406.22	-50.07	12.52	-37.55	-30	-7.55	PASS

Remark:

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

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

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	
61.29	-78.54	3.91	-74.63	-36	-38.63	PASS
101.78	-78.78	6.95	-71.83	-36	-35.83	PASS
425.19	-59.83	9.27	-50.56	-36	-14.56	PASS
802.17	-59.42	9.75	-49.67	-36	-13.67	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)	
1780.65	-51.67	18.05	-33.62	-30	-3.62	PASS
2419.63	-64.4	15.75	-48.65	-30	-18.65	PASS
3595.59	-54.92	13.06	-41.86	-30	-11.86	PASS
4335.61	-53.6	12.52	-41.08	-30	-11.08	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)	
31.73	-61.35	3.91	-57.44	-36	-21.44	PASS
195.57	-69.20	6.95	-62.25	-36	-26.25	PASS
525.45	-70.75	9.27	-61.48	-36	-25.48	PASS
817.54	-67.81	9.75	-58.06	-36	-22.06	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)	
1398.03	-64.93	18.05	-46.88	-30	-16.88	PASS
2572.70	-64.53	15.75	-48.78	-30	-18.78	PASS
3343.15	-65.27	13.06	-52.21	-30	-22.21	PASS
7486.38	-53.98	12.52	-41.46	-30	-11.46	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)	
84.49	H	-85.97	8.07	-77.90	-57	-20.90	PASS
96.86	H	-80.69	7.62	-73.07	-57	-16.07	PASS
579.84	H	-72.15	5.62	-66.53	-57	-9.53	PASS
663.13	H	-80.17	8.80	-71.37	-57	-14.37	PASS
76.89	V	-78.94	2.77	-76.17	-57	-19.17	PASS
145.95	V	-81.28	7.04	-74.24	-57	-17.24	PASS
377.82	V	-75.73	5.42	-70.31	-57	-13.31	PASS
679.52	V	-71.19	4.44	-66.75	-57	-9.75	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)	
1285.54	V	-69.23	8.92	-60.31	-47	-13.31	PASS
2497.15	V	-74.88	14.79	-60.09	-47	-13.09	PASS
3757.13	V	-69.75	11.97	-57.78	-47	-10.78	PASS
5198.42	V	-75.33	14.58	-60.75	-47	-13.75	PASS
1299.14	H	-66.28	11.13	-55.15	-47	-8.15	PASS
2384.74	H	-68.50	8.20	-60.30	-47	-13.30	PASS
3427.07	H	-73.14	11.93	-61.21	-47	-14.21	PASS
10910.11	H	-68.94	14.12	-54.82	-47	-7.82	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)	
33.84	H	-79.26	8.07	-71.19	-57	-14.19	PASS
197.32	H	-79.47	7.62	-71.85	-57	-14.85	PASS
482.42	H	-77.77	5.62	-72.15	-57	-15.15	PASS
671.45	H	-80.75	8.80	-71.95	-57	-14.95	PASS
73.73	V	-74.28	2.77	-71.51	-57	-14.51	PASS
127.06	V	-87.80	7.04	-80.76	-57	-23.76	PASS
463.21	V	-85.19	5.42	-79.77	-57	-22.77	PASS
889.27	V	-88.10	4.44	-83.66	-57	-26.66	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)	
1534.59	V	-69.34	8.92	-60.42	-47	-13.42	PASS
2932.97	V	-73.42	14.79	-58.63	-47	-11.63	PASS
3313.04	V	-74.88	11.97	-62.91	-47	-15.91	PASS
5261.61	V	-70.10	14.58	-55.52	-47	-8.52	PASS
1008.44	H	-78.48	11.13	-67.35	-47	-20.35	PASS
2283.93	H	-76.05	8.20	-67.85	-47	-20.85	PASS
3070.65	H	-67.88	11.93	-55.95	-47	-8.95	PASS
8855.53	H	-67.43	14.12	-53.31	-47	-6.31	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)	
47.18	H	-82.46	8.07	-74.39	-57	-17.39	PASS
93.08	H	-75.79	7.62	-68.17	-57	-11.17	PASS
495.13	H	-76.07	5.62	-70.45	-57	-13.45	PASS
766.61	H	-69.75	8.80	-60.95	-57	-3.95	PASS
51.36	V	-81.25	2.77	-78.48	-57	-21.48	PASS
159.22	V	-76.68	7.04	-69.64	-57	-12.64	PASS
288.56	V	-78.19	5.42	-72.77	-57	-15.77	PASS
777.34	V	-69.39	4.44	-64.95	-57	-7.95	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)	
1532.74	V	-78.38	8.92	-69.46	-47	-22.46	PASS
2518.62	V	-64.60	14.79	-49.81	-47	-2.81	PASS
3850.34	V	-70.08	11.97	-58.11	-47	-11.11	PASS
7255.89	V	-76.90	14.58	-62.32	-47	-15.32	PASS
1711.64	H	-64.47	11.13	-53.34	-47	-6.34	PASS
2112.81	H	-70.08	8.20	-61.88	-47	-14.88	PASS
3127.93	H	-70.50	11.93	-58.57	-47	-11.57	PASS
4806.55	H	-65.45	14.12	-51.33	-47	-4.33	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)	
65.65	H	-88.76	8.07	-80.69	-57	-23.69	PASS
193.53	H	-89.40	7.62	-81.78	-57	-24.78	PASS
218.04	H	-79.64	5.62	-74.02	-57	-17.02	PASS
677.65	H	-70.76	8.80	-61.96	-57	-4.96	PASS
81.51	V	-76.26	2.77	-73.49	-57	-16.49	PASS
190.66	V	-80.72	7.04	-73.68	-57	-16.68	PASS
207.70	V	-76.08	5.42	-70.66	-57	-13.66	PASS
691.35	V	-71.36	4.44	-66.92	-57	-9.92	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)	
1213.54	V	-70.38	8.92	-61.46	-47	-14.46	PASS
2102.28	V	-71.71	14.79	-56.92	-47	-9.92	PASS
3104.66	V	-70.53	11.97	-58.56	-47	-11.56	PASS
6071.23	V	-76.30	14.58	-61.72	-47	-14.72	PASS
1648.02	H	-69.58	11.13	-58.45	-47	-11.45	PASS
2920.54	H	-72.35	8.20	-64.15	-47	-17.15	PASS
3923.91	H	-72.81	11.93	-60.88	-47	-13.88	PASS
5735.99	H	-72.73	14.12	-58.61	-47	-11.61	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)	
48.31	H	-87.80	8.07	-79.73	-57	-22.73	PASS
95.37	H	-71.97	7.62	-64.35	-57	-7.35	PASS
370.36	H	-84.81	5.62	-79.19	-57	-22.19	PASS
732.96	H	-84.40	8.80	-75.60	-57	-18.60	PASS
31.32	V	-88.40	2.77	-85.63	-57	-28.63	PASS
123.73	V	-86.14	7.04	-79.10	-57	-22.10	PASS
470.59	V	-75.59	5.42	-70.17	-57	-13.17	PASS
678.75	V	-69.11	4.44	-64.67	-57	-7.67	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)	
1943.28	V	-77.35	8.92	-68.43	-47	-21.43	PASS
2451.86	V	-68.09	14.79	-53.30	-47	-6.30	PASS
3175.91	V	-76.67	11.97	-64.70	-47	-17.70	PASS
6239.99	V	-68.71	14.58	-54.13	-47	-7.13	PASS
1952.80	H	-74.86	11.13	-63.73	-47	-16.73	PASS
2347.59	H	-67.87	8.20	-59.67	-47	-12.67	PASS
3526.32	H	-73.55	11.93	-61.62	-47	-14.62	PASS
5099.92	H	-77.13	14.12	-63.01	-47	-16.01	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)	
87.04	H	-83.38	8.07	-75.31	-57	-18.31	PASS
93.81	H	-87.69	7.62	-80.07	-57	-23.07	PASS
522.64	H	-82.41	5.62	-76.79	-57	-19.79	PASS
721.99	H	-73.33	8.80	-64.53	-57	-7.53	PASS
54.88	V	-78.06	2.77	-75.29	-57	-18.29	PASS
180.91	V	-85.04	7.04	-78.00	-57	-21.00	PASS
552.77	V	-88.82	5.42	-83.40	-57	-26.40	PASS
804.81	V	-87.61	4.44	-83.17	-57	-26.17	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)	
1304.11	V	-76.65	8.92	-67.73	-47	-20.73	PASS
2754.31	V	-72.49	14.79	-57.70	-47	-10.70	PASS
3925.16	V	-77.31	11.97	-65.34	-47	-18.34	PASS
6179.50	V	-72.10	14.58	-57.52	-47	-10.52	PASS
1983.38	H	-65.87	11.13	-54.74	-47	-7.74	PASS
2503.85	H	-76.35	8.20	-68.15	-47	-21.15	PASS
3531.69	H	-74.09	11.93	-62.16	-47	-15.16	PASS
7371.87	H	-68.44	14.12	-54.32	-47	-7.32	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)	
74.49	H	-73.87	8.07	-65.80	-57	-8.80	PASS
100.39	H	-79.97	7.62	-72.35	-57	-15.35	PASS
240.15	H	-77.29	5.62	-71.67	-57	-14.67	PASS
712.94	H	-74.84	8.80	-66.04	-57	-9.04	PASS
53.83	V	-79.18	2.77	-76.41	-57	-19.41	PASS
101.25	V	-73.47	7.04	-66.43	-57	-9.43	PASS
234.31	V	-75.48	5.42	-70.06	-57	-13.06	PASS
784.44	V	-72.00	4.44	-67.56	-57	-10.56	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)	
1287.19	V	-66.61	8.92	-57.69	-47	-10.69	PASS
2211.44	V	-64.84	14.79	-50.05	-47	-3.05	PASS
3157.80	V	-69.06	11.97	-57.09	-47	-10.09	PASS
11616.45	V	-65.80	14.58	-51.22	-47	-4.22	PASS
1452.45	H	-65.98	11.13	-54.85	-47	-7.85	PASS
2232.79	H	-68.61	8.20	-60.41	-47	-13.41	PASS
3017.68	H	-68.79	11.93	-56.86	-47	-9.86	PASS
9799.39	H	-68.56	14.12	-54.44	-47	-7.44	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)	
72.31	H	-70.86	8.07	-62.79	-57	-5.79	PASS
197.53	H	-79.57	7.62	-71.95	-57	-14.95	PASS
417.92	H	-74.71	5.62	-69.09	-57	-12.09	PASS
603.61	H	-74.82	8.80	-66.02	-57	-9.02	PASS
89.37	V	-77.52	2.77	-74.75	-57	-17.75	PASS
128.11	V	-73.79	7.04	-66.75	-57	-9.75	PASS
525.99	V	-79.12	5.42	-73.70	-57	-16.70	PASS
846.93	V	-73.41	4.44	-68.97	-57	-11.97	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)	
1114.66	V	-65.06	8.92	-56.14	-47	-9.14	PASS
2504.33	V	-65.97	14.79	-51.18	-47	-4.18	PASS
3951.25	V	-65.56	11.97	-53.59	-47	-6.59	PASS
4979.29	V	-66.14	14.58	-51.56	-47	-4.56	PASS
1346.15	H	-69.30	11.13	-58.17	-47	-11.17	PASS
2665.35	H	-65.55	8.20	-57.35	-47	-10.35	PASS
3219.51	H	-67.39	11.93	-55.46	-47	-8.46	PASS
11095.71	H	-69.28	14.12	-55.16	-47	-8.16	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)	
66.10	H	-76.18	8.07	-68.11	-57	-11.11	PASS
172.64	H	-79.25	7.62	-71.63	-57	-14.63	PASS
255.73	H	-75.00	5.62	-69.38	-57	-12.38	PASS
600.16	H	-75.82	8.80	-67.02	-57	-10.02	PASS
55.58	V	-69.30	2.77	-66.53	-57	-9.53	PASS
177.99	V	-73.35	7.04	-66.31	-57	-9.31	PASS
493.56	V	-76.54	5.42	-71.12	-57	-14.12	PASS
819.80	V	-75.21	4.44	-70.77	-57	-13.77	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)	
1390.32	V	-65.22	8.92	-56.30	-47	-9.30	PASS
2822.87	V	-66.57	14.79	-51.78	-47	-4.78	PASS
3878.31	V	-66.39	11.97	-54.42	-47	-7.42	PASS
5322.51	V	-68.61	14.58	-54.03	-47	-7.03	PASS
1392.69	H	-65.69	11.13	-54.56	-47	-7.56	PASS
2427.82	H	-66.90	8.20	-58.70	-47	-11.70	PASS
3017.35	H	-65.28	11.93	-53.35	-47	-6.35	PASS
10252.37	H	-68.96	14.12	-54.84	-47	-7.84	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)	
78.01	H	-75.19	8.07	-67.12	-57	-10.12	PASS
194.88	H	-71.09	7.62	-63.47	-57	-6.47	PASS
270.61	H	-86.79	5.62	-81.17	-57	-24.17	PASS
758.88	H	-84.43	8.80	-75.63	-57	-18.63	PASS
53.98	V	-76.67	2.77	-73.90	-57	-16.90	PASS
199.52	V	-80.60	7.04	-73.56	-57	-16.56	PASS
565.69	V	-84.57	5.42	-79.15	-57	-22.15	PASS
714.73	V	-79.89	4.44	-75.45	-57	-18.45	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)	
1858.92	V	-76.50	8.92	-67.58	-47	-20.58	PASS
2412.07	V	-65.37	14.79	-50.58	-47	-3.58	PASS
3836.12	V	-70.97	11.97	-59.00	-47	-12.00	PASS
5534.40	V	-72.10	14.58	-57.52	-47	-10.52	PASS
1081.66	H	-66.90	11.13	-55.77	-47	-8.77	PASS
2978.27	H	-72.80	8.20	-64.60	-47	-17.60	PASS
3223.94	H	-64.91	11.93	-52.98	-47	-5.98	PASS
10949.39	H	-77.76	14.12	-63.64	-47	-16.64	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)	
32.56	H	-72.31	8.07	-64.24	-57	-7.24	PASS
173.23	H	-76.06	7.62	-68.44	-57	-11.44	PASS
403.66	H	-78.67	5.62	-73.05	-57	-16.05	PASS
647.65	H	-75.37	8.80	-66.57	-57	-9.57	PASS
37.83	V	-69.25	2.77	-66.48	-57	-9.48	PASS
97.49	V	-72.06	7.04	-65.02	-57	-8.02	PASS
369.76	V	-76.17	5.42	-70.75	-57	-13.75	PASS
708.08	V	-71.01	4.44	-66.57	-57	-9.57	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)	
1964.96	V	-69.79	8.92	-60.87	-47	-13.87	PASS
2489.90	V	-71.42	14.79	-56.63	-47	-9.63	PASS
3036.28	V	-64.65	11.97	-52.68	-47	-5.68	PASS
6832.00	V	-79.72	14.58	-65.14	-47	-18.14	PASS
1226.60	H	-78.63	11.13	-67.50	-47	-20.50	PASS
2101.48	H	-69.15	8.20	-60.95	-47	-13.95	PASS
3642.31	H	-72.56	11.93	-60.63	-47	-13.63	PASS
8861.59	H	-65.76	14.12	-51.64	-47	-4.64	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)	
75.92	H	-71.27	8.07	-63.20	-57	-6.20	PASS
128.89	H	-83.88	7.62	-76.26	-57	-19.26	PASS
383.79	H	-74.40	5.62	-68.78	-57	-11.78	PASS
605.66	H	-74.53	8.80	-65.73	-57	-8.73	PASS
61.79	V	-81.61	2.77	-78.84	-57	-21.84	PASS
143.27	V	-70.01	7.04	-62.97	-57	-5.97	PASS
261.79	V	-88.36	5.42	-82.94	-57	-25.94	PASS
888.07	V	-79.06	4.44	-74.62	-57	-17.62	PASS

Remark:

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

Band 8 CH H 20M QPSK 1-12.75G

Frequency	Polarity	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(MHz)	H/V	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1614.65	V	-68.76	8.92	-59.84	-47	-12.84	PASS
2797.84	V	-78.15	14.79	-63.36	-47	-16.36	PASS
3221.09	V	-65.72	11.97	-53.75	-47	-6.75	PASS
8837.76	V	-69.31	14.58	-54.73	-47	-7.73	PASS
1297.32	H	-69.00	11.13	-57.87	-47	-10.87	PASS
2039.70	H	-70.73	8.20	-62.53	-47	-15.53	PASS
3670.30	H	-78.02	11.93	-66.09	-47	-19.09	PASS
9250.66	H	-67.90	14.12	-53.78	-47	-6.78	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)	
82.79	H	-69.42	8.07	-61.35	-57	-4.35	PASS
160.55	H	-76.83	7.62	-69.21	-57	-12.21	PASS
281.35	H	-84.65	5.62	-79.03	-57	-22.03	PASS
606.61	H	-80.49	8.80	-71.69	-57	-14.69	PASS
68.95	V	-69.57	2.77	-66.80	-57	-9.80	PASS
103.35	V	-82.49	7.04	-75.45	-57	-18.45	PASS
491.62	V	-72.11	5.42	-66.69	-57	-9.69	PASS
762.60	V	-70.97	4.44	-66.53	-57	-9.53	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)	
1433.05	V	-71.65	8.92	-62.73	-47	-15.73	PASS
2717.08	V	-72.16	14.79	-57.37	-47	-10.37	PASS
3591.23	V	-77.74	11.97	-65.77	-47	-18.77	PASS
4518.01	V	-69.58	14.58	-55.00	-47	-8.00	PASS
1965.10	H	-78.17	11.13	-67.04	-47	-20.04	PASS
2669.26	H	-73.36	8.20	-65.16	-47	-18.16	PASS
3627.54	H	-72.56	11.93	-60.63	-47	-13.63	PASS
7749.00	H	-72.73	14.12	-58.61	-47	-11.61	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)	
72.62	H	-82.52	8.07	-74.45	-57	-17.45	PASS
191.05	H	-88.96	7.62	-81.34	-57	-24.34	PASS
388.46	H	-79.45	5.62	-73.83	-57	-16.83	PASS
770.37	H	-80.16	8.80	-71.36	-57	-14.36	PASS
58.85	V	-82.26	2.77	-79.49	-57	-22.49	PASS
151.53	V	-82.78	7.04	-75.74	-57	-18.74	PASS
478.98	V	-70.32	5.42	-64.90	-57	-7.90	PASS
816.95	V	-81.26	4.44	-76.82	-57	-19.82	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)	
1254.09	V	-79.77	8.92	-70.85	-47	-23.85	PASS
2592.62	V	-66.69	14.79	-51.90	-47	-4.90	PASS
3493.41	V	-72.74	11.97	-60.77	-47	-13.77	PASS
9144.00	V	-73.09	14.58	-58.51	-47	-11.51	PASS
1622.93	H	-66.86	11.13	-55.73	-47	-8.73	PASS
2308.61	H	-77.46	8.20	-69.26	-47	-22.26	PASS
3740.52	H	-75.40	11.93	-63.47	-47	-16.47	PASS
8508.00	H	-67.70	14.12	-53.58	-47	-6.58	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)	
40.71	H	-73.23	8.07	-65.16	-57	-8.16	PASS
164.13	H	-89.69	7.62	-82.07	-57	-25.07	PASS
311.25	H	-77.02	5.62	-71.40	-57	-14.40	PASS
878.61	H	-78.69	8.80	-69.89	-57	-12.89	PASS
80.53	V	-76.19	2.77	-73.42	-57	-16.42	PASS
96.11	V	-81.47	7.04	-74.43	-57	-17.43	PASS
323.46	V	-75.34	5.42	-69.92	-57	-12.92	PASS
663.70	V	-89.31	4.44	-84.87	-57	-27.87	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)	
1644.49	V	-75.03	8.92	-66.11	-47	-19.11	PASS
2191.34	V	-67.65	14.79	-52.86	-47	-5.86	PASS
3650.35	V	-78.50	11.97	-66.53	-47	-19.53	PASS
5063.48	V	-69.88	14.58	-55.30	-47	-8.30	PASS
1857.52	H	-71.21	11.13	-60.08	-47	-13.08	PASS
2158.29	H	-66.06	8.20	-57.86	-47	-10.86	PASS
3320.00	H	-75.22	11.93	-63.29	-47	-16.29	PASS
5718.63	H	-66.02	14.12	-51.90	-47	-4.90	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 μ s 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	-43.63	-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 $DPCCH_E_c/I_{or}$ 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
$\frac{DPDCH_E_c}{I_{or}}$	See figure 4.2.11.2-1: Before point A: -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
$\frac{DPCCH_E_c}{I_{or}}$	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 $DPCCH_E_c/I_{or}$ 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