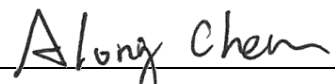


FCC Co-Location Test Report

FCC ID : SQG-PINNACLE1
Equipment : LTE Modem
Model No. : Pinnacle 100
Brand Name : Laird Connectivity
Applicant : Laird Connectivity, Inc.
Address : W66N220 Commerce Court, Cedarburg,
Wisconsin 53012, USA
Standard : 47 CFR FCC Part 15.247
47 CFR FCC Part 15.407
47 CFR FCC Part 22 Subpart H
47 CFR FCC Part 24 Subpart E
47 CFR FCC Part 27
Received Date : Apr. 16, 2019
Tested Date : May 04 ~ May 29, 2020

We, International Certification Corp., would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It may be duplicated completely for legal use with the approval of the applicant. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:


Along Chen / Assistant Manager

Approved by:

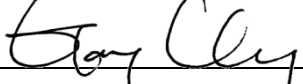

Gary Chang / Manager



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Release Record

Report No.	Version	Description	Issued Date
FR950303CO	Rev. 01	Initial issue	Jun. 11, 2020

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.247(d) 15.209 15.407(b) 2.1053 22.917(a) 24.238(a) 27.53(g)	Radiated Emissions	Meet the requirement of limit	Pass

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Information

1.1.1 Specification of the Equipment under Test (EUT)

BT	
Operating Frequency	2402 MHz ~ 2480 MHz
Modulation Type	Bluetooth 5.0 LE: GFSK

LTE Cat-M1	
Operating Frequency	Band 2: 1850 MHz ~ 1910 MHz Band 4: 1710 MHz ~ 1755 MHz Band 5: 824 MHz ~ 849 MHz Band 12: 699 MHz ~ 716 MHz Band 13: 777 MHz ~ 787 MHz
Modulation Type	QPSK / 16QAM

1.1.2 Antenna Details of Specific platform

BT

Ant. No.	Brand	Model	Type	Gain (dBi)	Connector
1	LSR	001-0001	2.4GHz Dipole	2	RP-SMA Female with IPEX U.FL antenna cable
2	Laird	NanoBlue-IP04 (MAF94045)	PCB Dipole	2	IPEX U.FL
3	LSR	001-0014	2.4GHz Flex PIFA	2	IPEX U.FL
4	Laird	110-00665	Trace Monopole	2.6	NA

LTE

Ant. No.	Brand / Model	Type	Connector	Gain (dBi)	Operating Band
External					
1	Laird / DBA6927C1	Dipole	U.FL	2.2	LTE Band 2
				2.2	LTE Band 4
				0.5	LTE Band 5
				0.5	LTE Band 12
				0.5	LTE Band 13
2	Laird / EFF6925A3S	Flex	U.FL	3.7	LTE Band 2
				3.7	LTE Band 4
				1.9	LTE Band 5
				1.9	LTE Band 12
				1.9	LTE Band 13
3	ASC / RFDPA131000SMTB803	Dipole	U.FL	1.5	LTE Band 2
				3.04	LTE Band 4
				0.38	LTE Band 5
				-0.22	LTE Band 12
				1	LTE Band 13
Integrated					
4	Laird/110-00665	Stamped Metal	N/A	2.6	LTE Band 2
				2.6	LTE Band 4
				1.3	LTE Band 5
				1.3	LTE Band 12
				1.3	LTE Band 13

1.1.3 Accessories

N/A

1.2 The Equipment List

Test Item	Radiated Emission				
Test Site	966 chamber 1 / (03CH01-WS)				
Tested Data	May 04 ~ May 29, 2020				
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101498	Dec. 17, 2019	Dec. 16, 2020
Receiver	R&S	ESR3	101657	Feb. 14, 2020	Feb. 13, 2021
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Jul. 12, 2019	Jul. 11, 2020
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Dec. 12, 2019	Dec. 11, 2020
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 15, 2019	Nov. 14, 2020
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 13, 2019	Nov. 12, 2020
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 07, 2019	Oct. 06, 2020
Preamplifier	EMC	EMC02325	980225	Jul. 09, 2019	Jul. 08, 2020
Preamplifier	Agilent	83017A	MY39501308	Oct. 08, 2019	Oct. 07, 2020
Preamplifier	EMC	EMC184045B	980192	Aug. 01, 2019	Jul. 31, 2020
RF Cable	EMC	EMC104-SM-SM-80 00	181106	Oct. 07, 2019	Oct. 06, 2020
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16019/4	Oct. 07, 2019	Oct. 06, 2020
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16014/4	Oct. 07, 2019	Oct. 06, 2020
LF cable 1M	EMC	EMCCFD400-NM-N M-1000	160502	Oct. 07, 2019	Oct. 06, 2020
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 07, 2019	Oct. 06, 2020
LF cable 10M	Woken	CFD400NL-LW	CFD400NL-002	Oct. 07, 2019	Oct. 06, 2020
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.3 Test Standards

According to the specification of EUT, the EUT must comply with following standards and KDB documents.

47 CFR FCC Part 15.247

47 CFR FCC Part 15.407

47 CFR FCC Part 22 Subpart H

47 CFR FCC Part 24 Subpart E

47 CFR FCC Part 27

ANSI C63.4-2014

ANSI C63.10-2013

FCC KDB 558074 D01 15.247 Meas Guidance v05r02

FCC KDB 971168 D01 Power Meas License Digital Systems v03r01

FCC KDB 971168 D02 Misc Rev Approv License Devices v02r01

FCC KDB 412172 D01 Determining ERP and EIRP v01r01

1.4 Deviation from Test Standard and Measurement Procedure

None

1.5 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Measurement Uncertainty	
Parameters	Uncertainty
Radiated emission $\leq$ 1GHz	$\pm 3.41\text{dB}$
Radiated emission $>$ 1GHz	$\pm 4.59\text{ dB}$

2 Test Configuration

2.1 Testing Condition

Test Item	Test Site	Ambient Condition	Tested By
Radiated Emissions	03CH01-WS	24-26°C / 62-67%	Brad Wu

- FCC Designation No.: TW2732
- FCC site registration No.: 181692
- ISSED#: 10807A
- CAB identifier: TW2732

2.2 The Worst Test Modes and Channel Details

Test item	Test mode
Radiated Emissions	Mode 1: BLE Antenna: 001-0001 CH39 + LTE Antenna: DBA6927C1 LTE(M1) Band 2 CH18900
	Mode 2: BLE Antenna:001-0001 CH39 + LTE Antenna: DBA6927C1 LTE(M1) Band 5 CH 20407
	Mode 3: BLE Antenna: 001-0001 CH39 + LTE Antenna: DBA6927C1 LTE(M1) Band 12 CH 23017
	Mode 4: BLE Antenna: 001-0014 CH39 + LTE Antenna: DBA6927C1 LTE(M1) Band 2 CH18900
	Mode 5: BLE Antenna: 001-0014 CH39 + LTE Antenna: DBA6927C1 LTE(M1) Band 5 CH 20407
	Mode 6: BLE Antenna: 001-0014 CH39 + LTE Antenna: DBA6927C1 LTE(M1) Band 12 CH 23017
	Mode 7: BLE Antenna: NanoBlue-IP04 CH39 + LTE Antenna: DBA6927C1 LTE(M1) Band 2 CH18900
	Mode 8: BLE Antenna: NanoBlue-IP04 CH39 + LTE Antenna: DBA6927C1 LTE(M1) Band 5 CH 20407
	Mode 9: BLE Antenna: NanoBlue-IP04 CH39 + LTE Antenna:DBA6927C1 LTE(M1) Band 12 CH 23017
	Mode 10: BLE Antenna: 001-0001 CH39 + LTE Antenna: RFDPA131000SMTB803 LTE(M1) Band 4 CH19957
	Mode 11: BLE Antenna: 001-0001 CH39 + LTE Antenna: RFDPA131000SMTB803 LTE(M1) Band 13 CH 23230
	Mode 12: BLE Antenna: NanoBlue-IP04 CH39 + LTE Antenna: RFDPA131000SMTB803 LTE(M1) Band 4 CH19957
	Mode 13: BLE Antenna: NanoBlue-IP04 CH39 + LTE Antenna: RFDPA131000SMTB803 LTE(M1) Band 13 CH23230,
	Mode 14: BLE Antenna: 001-0014 CH39 + LTE Antenna: RFDPA131000SMTB803 LTE(M1) Band 4 CH19957
	Mode 15: BLE Antenna: 001-0014 CH39 + LTE Antenna: RFDPA131000SMTB803 LTE(M1) Band 13 CH23230
	Mode 16: BLE Antenna: 001-0001 CH39 + LTE Antenna: EFF6925A3S LTE(M1) Band 2 CH18900
	Mode 17: BLE Antenna: 001-0001 CH39 + LTE Antenna: EFF6925A3S LTE(M1) Band 4 CH19957
	Mode 18: BLE Antenna: 001-0001 CH39 + LTE Antenna: EFF6925A3S LTE(M1) Band 5 CH 20407
	Mode 19: BLE Antenna: 001-0001 1M ch39 2480 + LTE ANT EFF6925A3S LTE(M1) Band 12 CH 23017
	Mode 20: BLE Antenna: 001-0001 1M ch39 2480 + LTE Antenna: EFF6925A3S LTE(M1) Band 13 CH 23230
	Mode 21: BLE Antenna: 001-0014 1M ch39 2480 + LTE Antenna: EFF6925A3S LTE(M1) Band 2 CH18900
	Mode 22: BLE Antenna: 001-0014 1M ch39 2480 + LTE Antenna: EFF6925A3S LTE(M1) Band 4 CH19957
	Mode 23: BLE Antenna: 001-0014 CH39 + LTE Antenna: EFF6925A3S LTE(M1) Band 5 CH 20407
	Mode 24: BLE Antenna: 001-0014 CH39 + LTE Antenna: EFF6925A3S LTE(M1) Band 12 CH 23017
	Mode 25: BLE Antenna: 001-0014 CH39 + LTE Antenna: EFF6925A3S LTE(M1) Band 13 CH 23230
	Mode 26: BLE Antenna: NanoBlue-IP04 CH39 + LTE Antenna: EFF6925A3S LTE(M1) Band 2 CH18900
	Mode 27: BLE Antenna: NanoBlue-IP04 CH39 + LTE Antenna: EFF6925A3S LTE(M1) Band 4 CH 19957
NOTE: The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The Y-plane result was found as the worst case and was shown in this report.	

Test item	Test mode
Radiated Emissions	Mode 28: BLE Antenna: NanoBlue-IP04 CH39 + LTE Antenna: EFF6925A3S LTE(M1) Band 5 CH20407
	Mode 29: BLE Antenna: NanoBlue-IP04 CH39 + LTE Antenna: EFF6925A3S LTE(M1) Band 12 CH 23017,
	Mode 30: BLE Antenna:NanoBlue-IP04 CH39 + LTE Antenna: EFF6925A3S LTE(M1) Band 13 CH 23230,
	Mode 31: BLE Antenna: 110-00665 CH39 + LTE Antenna: 110-00665 LTE(M1) Band 2 CH18900
	Mode 32: BLE Antenna:110-00665 CH39 + LTE Antenna: 110-00665 LTE(M1) Band 4 CH19957
	Mode 33: BLE Antenna:110-00665 CH39 + LTE Antenna: 110-00665 LTE(M1) Band 5 CH20407
	Mode 34: BLE Antenna: 110-00665 CH39 + LTE Antenna: 110-00665 LTE(M1) Band 12 CH23017
	Mode 35: BLE Antenna:110-00665 CH39 + LTE Antenna: 110-00665 LTE(M1) Band 13 CH23230
NOTE: The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The Y-plane result was found as the worst case and was shown in this report.	

3 Transmitter Test Results

3.1 Radiated Emissions

3.1.1 Limit

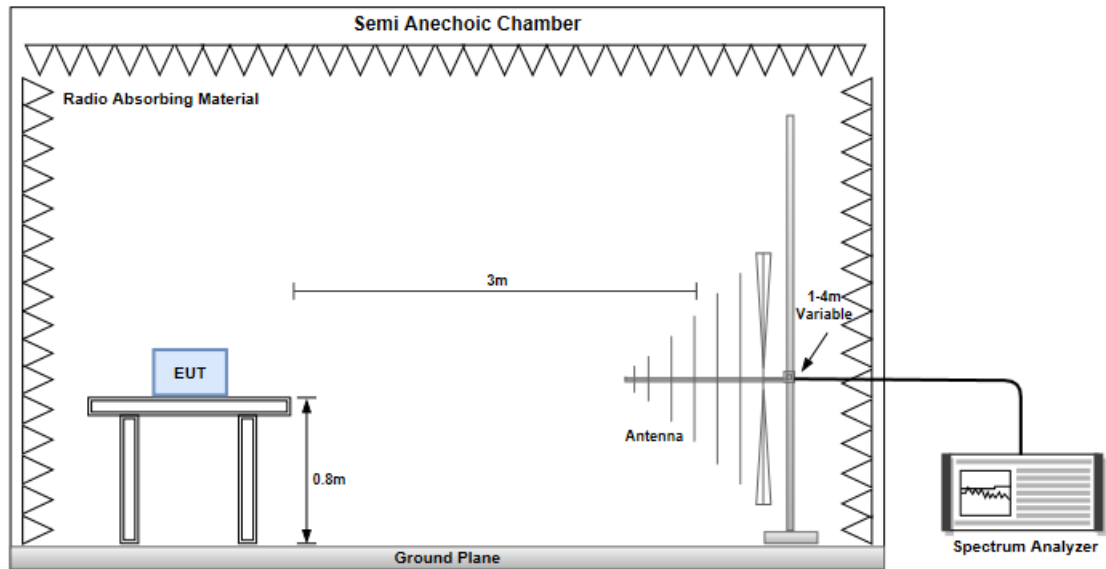
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB equal to -13dBm.

3.1.2 Test Procedures

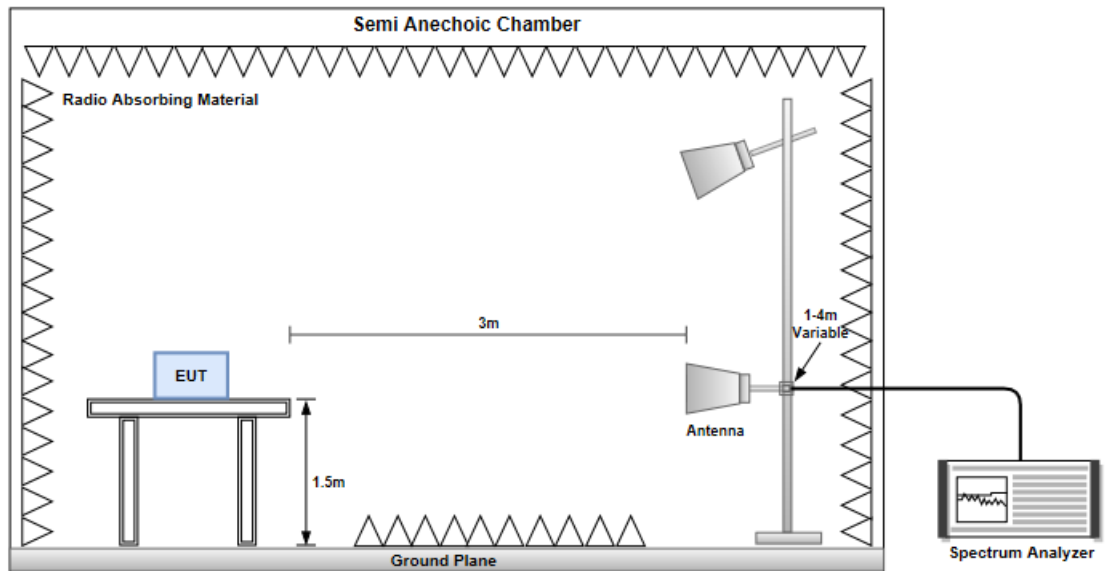
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. For emissions testing at or below 1 GHz, the table height is 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height is 1.5 m.
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.
4. After finding the max radiated emission, substitution method will be used for getting effective radiated power. EUT will be removed and substitution antenna will be placed at same position. Signal generator will output CW signal to substitution antenna through a RF cable. Rotate turntable and move antenna to find maximum radiated emission. Adjust output power of signal generator to let the maximum radiated emission is same as step 3. Record the output power level.
5. E.I.R.P = output power of step 4 + gain of substitution antenna – cable loss of RF cable. ERP can be calculated by below formula:
$$E.R.P = E.I.R.P - 2.15dB.$$

Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



3.1.3 Transmitter Radiated Unwanted Emissions (Below 1GHz)

Test mode		Mode 1					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
54.25	H	-62.48	-13	-49.48	-65.13	-47.33	-15.15
136.7	H	-59.21	-13	-46.21	-58.18	-52.57	-6.64
252.13	H	-63.25	-13	-50.25	-60.28	-61.99	-1.26
263.77	H	-64.67	-13	-51.67	-62.12	-63.41	-1.26
408.3	H	-61.13	-13	-48.13	-63.65	-59.89	-1.24
480.08	H	-61.73	-13	-48.73	-65.13	-60.45	-1.28
55.22	V	-66.76	-13	-53.76	-64.29	-51.83	-14.93
136.7	V	-63.04	-13	-50.04	-64.32	-56.4	-6.64
408.3	V	-63.96	-13	-50.96	-66.86	-62.72	-1.24
468.44	V	-64.4	-13	-51.4	-68.39	-63.1	-1.3
480.08	V	-61.52	-13	-48.52	-65.76	-60.24	-1.28
662.44	V	-58.96	-13	-45.96	-67.44	-57.25	-1.71

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 2					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
70.74	H	-76.77	-13	-63.77	-72.56	-64.31	-10.31
120.21	H	-76.64	-13	-63.64	-71.6	-68.42	-6.07
192.96	H	-68.19	-13	-55.19	-61.33	-62.47	-3.57
298.69	H	-71.53	-13	-58.53	-68.1	-68.11	-1.27
343.31	H	-66.8	-13	-53.8	-66.16	-63.54	-1.11
368.53	H	-71.95	-13	-58.95	-71.91	-68.66	-1.14
45.52	V	-71.1	-13	-58.1	-66.11	-52.12	-16.83
98.87	V	-70.09	-13	-57.09	-65.85	-62.93	-5.01
164.83	V	-66.09	-13	-53.09	-66.18	-58.03	-5.91
227.88	V	-65.75	-13	-52.75	-64.49	-61.61	-1.99
343.31	V	-65.82	-13	-52.82	-65.83	-62.56	-1.11
401.51	V	-65.45	-13	-52.45	-66.09	-62.07	-1.23

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 3					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
131.21	H	-65.58	-13	-52.58	-61.79	-56.98	-6.45
246.24	H	-70.24	-13	-57.24	-64.83	-66.71	-1.38
335.78	H	-67.43	-13	-54.43	-66.31	-64.14	-1.14
360.24	H	-64.18	-13	-51.18	-64.06	-60.91	-1.12
407.25	H	-64.81	-13	-51.81	-65.17	-61.42	-1.24
479.85	H	-66.23	-13	-53.23	-67.48	-62.8	-1.28
129.821	V	-66.83	-13	-53.83	-65.51	-58.28	-6.4
143.21	V	-69.19	-13	-56.19	-68.68	-60.36	-6.68
227.234	V	-71.77	-13	-58.77	-70.48	-67.6	-2.02
264.1	V	-71.93	-13	-58.93	-71.74	-68.52	-1.26
385.1	V	-70.49	-13	-57.49	-70.94	-67.15	-1.19
407.254	V	-67.14	-13	-54.14	-67.87	-63.75	-1.24

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 4					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
136.7	H	-61.89	-13	-48.89	-60.86	-55.25	-6.64
191.99	H	-67.59	-13	-54.59	-63.04	-63.93	-3.66
252.13	H	-63.44	-13	-50.44	-60.47	-62.18	-1.26
336.52	H	-64.1	-13	-51.1	-65.18	-62.96	-1.14
360.77	H	-63.74	-13	-50.74	-65.78	-62.62	-1.12
492.69	H	-61.99	-13	-48.99	-65.52	-60.72	-1.27
38.73	V	-70.09	-13	-57.09	-66.06	-52.33	-17.76
55.22	V	-67.21	-13	-54.21	-64.74	-52.28	-14.93
105.66	V	-69.38	-13	-56.38	-68.01	-64.07	-5.31
130.88	V	-63.73	-13	-50.73	-64.63	-57.29	-6.44
199.75	V	-71.64	-13	-58.64	-71.11	-68.7	-2.94
252.13	V	-67.62	-13	-54.62	-69.66	-66.36	-1.26

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 5					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
51.34	H	-71.87	-13	-58.87	-73.69	-53.91	-15.81
166.77	H	-73.85	-13	-60.85	-70.33	-65.94	-5.76
171.62	H	-70.09	-13	-57.09	-66.15	-62.54	-5.4
308.39	H	-70.82	-13	-57.82	-67.97	-67.43	-1.24
343.31	H	-69.12	-13	-56.12	-68.48	-65.86	-1.11
368.53	H	-68.03	-13	-55.03	-67.99	-64.74	-1.14
45.52	V	-69.79	-13	-56.79	-64.8	-50.81	-16.83
98.87	V	-69.55	-13	-56.55	-65.31	-62.39	-5.01
164.83	V	-66.3	-13	-53.3	-66.39	-58.24	-5.91
227.88	V	-65.49	-13	-52.49	-64.23	-61.35	-1.99
368.53	V	-69.43	-13	-56.43	-69.7	-66.14	-1.14
401.51	V	-66.93	-13	-53.93	-67.57	-63.55	-1.23

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 6					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
130.17	H	-65.51	-13	-52.51	-61.6	-56.94	-6.42
142.24	H	-68.43	-13	-55.43	-65.61	-59.57	-6.71
192.86	H	-73.39	-13	-60.39	-66.55	-67.66	-3.58
339.52	H	-64.75	-13	-51.75	-63.86	-61.47	-1.13
407.241	H	-65.17	-13	-52.17	-65.53	-61.78	-1.24
475.21	H	-65.17	-13	-52.17	-66.37	-61.73	-1.29
120.23	V	-69.04	-13	-56.04	-67.1	-60.82	-6.07
130.42	V	-67.57	-13	-54.57	-66.29	-59	-6.42
227.69	V	-69.29	-13	-56.29	-68.02	-65.14	-2
342.9	V	-67.94	-13	-54.94	-67.94	-64.67	-1.12
351.21	V	-67.54	-13	-54.54	-67.62	-64.3	-1.09
407.2	V	-69.46	-13	-56.46	-70.19	-66.07	-1.24

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 7					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
54.25	H	-62.61	-13	-49.61	-65.26	-47.46	-15.15
130.88	H	-60.01	-13	-47.01	-58.33	-53.57	-6.44
252.13	H	-63.33	-13	-50.33	-60.36	-62.07	-1.26
263.77	H	-62.15	-13	-49.15	-59.6	-60.89	-1.26
431.58	H	-61.92	-13	-48.92	-64.76	-60.63	-1.29
480.08	H	-61.66	-13	-48.66	-65.06	-60.38	-1.28
30	V	-66.91	-13	-53.91	-61.87	-47.46	-19.45
87.23	V	-61.11	-13	-48.11	-58.84	-55.54	-5.57
130.88	V	-61.37	-13	-48.37	-62.27	-54.93	-6.44
384.05	V	-66.84	-13	-53.84	-69.42	-65.65	-1.19
408.3	V	-65.55	-13	-52.55	-68.45	-64.31	-1.24
455.83	V	-64.34	-13	-51.34	-68.06	-63.03	-1.31

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 8					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
70.74	H	-76.6	-13	-63.6	-72.39	-64.14	-10.31
90.14	H	-72.12	-13	-59.12	-67.9	-65.06	-4.91
227.88	H	-67.96	-13	-54.96	-61.5	-63.82	-1.99
308.39	H	-69.69	-13	-56.69	-66.84	-66.3	-1.24
343.31	H	-66.73	-13	-53.73	-66.09	-63.47	-1.11
368.53	H	-70.37	-13	-57.37	-70.33	-67.08	-1.14
45.52	V	-70.96	-13	-57.96	-65.97	-51.98	-16.83
70.74	V	-73.37	-13	-60.37	-68.71	-60.91	-10.31
120.21	V	-70.32	-13	-57.32	-68.37	-62.1	-6.07
164.83	V	-66.54	-13	-53.54	-66.63	-58.48	-5.91
227.88	V	-64.12	-13	-51.12	-62.86	-59.98	-1.99
343.31	V	-67.22	-13	-54.22	-67.23	-63.96	-1.11

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 9					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
129.24	H	-65.93	-13	-52.93	-61.91	-57.4	-6.38
228.24	H	-67.78	-13	-54.78	-61.34	-63.65	-1.98
312.24	H	-67.22	-13	-54.22	-64.61	-63.84	-1.23
360.24	H	-66.29	-13	-53.29	-66.17	-63.02	-1.12
407.24	H	-68.5	-13	-55.5	-68.86	-65.11	-1.24
475.01	H	-62.14	-13	-49.14	-63.34	-58.7	-1.29
131.14	V	-67.28	-13	-54.28	-66.05	-58.68	-6.45
287.21	V	-74.55	-13	-61.55	-74.23	-71.13	-1.27
342.89	V	-67.09	-13	-54.09	-67.09	-63.82	-1.12
372.25	V	-70.1	-13	-57.1	-70.41	-66.8	-1.15
456.21	V	-70.34	-13	-57.34	-71.92	-66.88	-1.31
475.24	V	-61.7	-13	-48.7	-63.69	-58.26	-1.29

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 10					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
51.34	H	-69.98	-13	-56.98	-73.95	-54.17	-15.81
98.87	H	-69.79	-13	-56.79	-68.05	-64.78	-5.01
164.83	H	-69.58	-13	-56.58	-68.38	-63.67	-5.91
232.73	H	-67.42	-13	-54.42	-63.39	-65.59	-1.83
769.75	H	-52.61	-13	-39.61	-61.71	-50.59	-2.02
940.5	H	-60.37	-13	-47.37	-71.34	-57.8	-2.57
35.82	V	-71.07	-13	-58.07	-66.56	-52.94	-18.13
120.21	V	-67.28	-13	-54.28	-67.48	-61.21	-6.07
166.77	V	-64.89	-13	-51.89	-67.07	-59.13	-5.76
232.73	V	-66.81	-13	-53.81	-67.96	-64.98	-1.83
769.75	V	-54.95	-13	-41.95	-64.8	-52.93	-2.02
940.5	V	-51.07	-13	-38.07	-63.98	-48.5	-2.57

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 11					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
51.34	H	-71.28	-13	-58.28	-73.1	-53.32	-15.81
164.83	H	-71.8	-13	-58.8	-68.45	-63.74	-5.91
211.39	H	-71.04	-13	-58.04	-63.64	-66.35	-2.54
232.73	H	-70.28	-13	-57.28	-64.1	-66.3	-1.83
268.62	H	-72.28	-13	-59.28	-67.77	-68.87	-1.26
309.36	H	-71.62	-13	-58.62	-68.83	-68.23	-1.24
45.52	V	-70.28	-13	-57.28	-65.29	-51.3	-16.83
70.74	V	-73.21	-13	-60.21	-68.55	-60.75	-10.31
98.87	V	-69.2	-13	-56.2	-64.96	-62.04	-5.01
133.79	V	-69.46	-13	-56.46	-68.4	-60.77	-6.54
164.83	V	-65.85	-13	-52.85	-65.94	-57.79	-5.91
527.7	V	-68.98	-13	-55.98	-72.6	-65.56	-1.27

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 12					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
51.34	H	-69.37	-13	-56.37	-73.34	-53.56	-15.81
98.87	H	-70.5	-13	-57.5	-68.76	-65.49	-5.01
166.77	H	-69.55	-13	-56.55	-68.18	-63.79	-5.76
232.73	H	-65.63	-13	-52.63	-61.6	-63.8	-1.83
769.75	H	-54.83	-13	-41.83	-63.93	-52.81	-2.02
940.83	H	-60.8	-13	-47.8	-71.77	-58.23	-2.57
45.52	V	-69.32	-13	-56.32	-66.48	-52.49	-16.83
98.87	V	-66.82	-13	-53.82	-64.73	-61.81	-5.01
120.21	V	-66.47	-13	-53.47	-66.67	-60.4	-6.07
166.77	V	-64.01	-13	-51.01	-66.19	-58.25	-5.76
769.75	V	-56.23	-13	-43.23	-66.08	-54.21	-2.02
940.5	V	-53.62	-13	-40.62	-66.53	-51.05	-2.57

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 13					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
51.34	H	-72.42	-13	-59.42	-74.24	-54.46	-15.81
164.83	H	-71.18	-13	-58.18	-67.83	-63.12	-5.91
227.88	H	-68.33	-13	-55.33	-61.87	-64.19	-1.99
286.08	H	-67.51	-13	-54.51	-63.62	-64.09	-1.27
383.08	H	-69.84	-13	-56.84	-69.93	-66.51	-1.18
401.51	H	-67.09	-13	-54.09	-67.38	-63.71	-1.23
45.52	V	-69.56	-13	-56.56	-64.57	-50.58	-16.83
70.74	V	-72.94	-13	-59.94	-68.28	-60.48	-10.31
98.87	V	-69.65	-13	-56.65	-65.41	-62.49	-5.01
164.83	V	-66.72	-13	-53.72	-66.81	-58.66	-5.91
299.66	V	-71.07	-13	-58.07	-70.67	-67.65	-1.27
401.51	V	63.56	-13	76.56	-68.5	66.94	-1.23

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 14					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
51.34	H	-69.12	-13	-56.12	-73.09	-53.31	-15.81
120.21	H	-73.7	-13	-60.7	-70.81	-67.63	-6.07
166.77	H	-69.58	-13	-56.58	-68.21	-63.82	-5.76
232.73	H	-68.87	-13	-55.87	-64.84	-67.04	-1.83
521.79	H	-68.73	-13	-55.73	-72.59	-67.46	-1.27
769.14	H	-60.08	-13	-47.08	-69.17	-62.1	2.02
33.88	V	-68.96	-13	-55.96	-64.23	-50.46	-18.5
70.74	V	-70.25	-13	-57.25	-67.74	-59.94	-10.31
98.87	V	-67.6	-13	-54.6	-65.51	-62.59	-5.01
166.77	V	-64.64	-13	-51.64	-66.82	-58.88	-5.76
769.14	V	-60.41	-13	-47.41	-70.26	-58.39	-2.02
940.83	V	-57.83	-13	-44.83	-70.74	-55.26	-2.57

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 15					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
51.34	H	-69.86	-13	-56.86	-71.68	-51.9	-15.81
166.77	H	-71.1	-13	-58.1	-67.58	-63.19	-5.76
232.73	H	-70.29	-13	-57.29	-64.11	-66.31	-1.83
286.08	H	-70.22	-13	-57.22	-66.33	-66.8	-1.27
401.51	H	-68.33	-13	-55.33	-68.61	-64.95	-1.23
526.64	H	-71.2	-13	-58.2	-72.97	-67.77	-1.28
45.52	V	-69.59	-13	-56.59	-64.6	-50.61	-16.83
98.87	V	-69.29	-13	-56.29	-65.05	-62.13	-5.01
164.83	V	-66.79	-13	-53.79	-66.88	-58.73	-5.91
268.62	V	-65.53	-13	-52.53	-65.32	-62.12	-1.26
401.51	V	-70.58	-13	-57.58	-71.22	-67.2	-1.23
515	V	-68.46	-13	-55.46	-71.65	-65.04	-1.27

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 16					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
143.49	H	-64.9	-13	-51.9	-64.22	-58.23	-6.67
179.38	H	-65.02	-13	-52.02	-62.55	-60.2	-4.82
263.77	H	-64.45	-13	-51.45	-61.9	-63.19	-1.26
360.77	H	-62.46	-13	-49.46	-64.5	-61.34	-1.12
408.3	H	-63.93	-13	-50.93	-66.45	-62.69	-1.24
481.05	H	-64.84	-13	-51.84	-68.25	-63.56	-1.28
30	V	-68.67	-13	-55.67	-63.63	-49.22	-19.45
57.16	V	-69.66	-13	-56.66	-67.2	-55.16	-14.5
143.49	V	-66.35	-13	-53.35	-68	-59.68	-6.67
408.3	V	-65.55	-13	-52.55	-68.45	-64.31	-1.24
480.08	V	-62	-13	-49	-66.24	-60.72	-1.28
492.69	V	-61.25	-13	-48.25	-65.76	-59.98	-1.27

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 17					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
143.49	H	-64.66	-13	-51.66	-63.98	-57.99	-6.67
191.99	H	-62.68	-13	-49.68	-58.13	-59.02	-3.66
215.27	H	-66.58	-13	-53.58	-61.56	-64.17	-2.41
336.52	H	-63.36	-13	-50.36	-64.44	-62.22	-1.14
480.08	H	-62.72	-13	-49.72	-66.12	-61.44	-1.28
492.69	H	-62.18	-13	-49.18	-65.71	-60.91	-1.27
38.73	V	-69.19	-13	-56.19	-65.16	-51.43	-17.76
143.49	V	-66.81	-13	-53.81	-68.46	-60.14	-6.67
260.86	V	-67.6	-13	-54.6	-69.58	-66.34	-1.26
334.58	V	-66.87	-13	-53.87	-68.95	-65.72	-1.15
408.3	V	-66.16	-13	-53.16	-69.06	-64.92	-1.24
480.08	V	-62.09	-13	-49.09	-66.33	-60.81	-1.28

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 18					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
54.25	H	-74.23	-13	-61.23	-74.73	-56.93	-15.15
164.83	H	-72.49	-13	-59.49	-69.14	-64.43	-5.91
251.16	H	-67.21	-13	-54.21	-62.06	-63.8	-1.26
286.08	H	-72.31	-13	-59.31	-68.42	-68.89	-1.27
401.51	H	-69.34	-13	-56.34	-69.62	-65.96	-1.23
526.64	H	-71.82	-13	-58.82	-73.59	-68.39	-1.28
45.52	V	-70.9	-13	-57.9	-65.91	-51.92	-16.83
70.74	V	-73.15	-13	-60.15	-68.49	-60.69	-10.31
98.87	V	-69.44	-13	-56.44	-65.2	-62.28	-5.01
165.8	V	-66.4	-13	-53.4	-66.46	-58.42	-5.83
251.16	V	-67.58	-13	-54.58	-67.47	-64.17	-1.26
530.52	V	-68.26	-13	-55.26	-72.13	-64.83	-1.28

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 19					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
142.84	H	-68.44	-13	-55.44	-65.62	-59.6	-6.69
190.54	H	-71.92	-13	-58.92	-65.46	-65.97	-3.8
214.28	H	-68.22	-13	-55.22	-60.99	-63.62	-2.45
285.41	H	-65.44	-13	-52.44	-61.53	-62.02	-1.27
301.56	H	-67.66	-13	-54.66	-64.38	-64.25	-1.26
586.54	H	-66.01	-13	-53.01	-68.58	-62.2	-1.66
32.84	V	-74.65	-13	-61.65	-67.69	-53.74	-18.76
144.21	V	-69.46	-13	-56.46	-68.99	-60.65	-6.66
400.14	V	-65.39	-13	-52.39	-66	-62.01	-1.23
480.25	V	-61.39	-13	-48.39	-63.49	-57.96	-1.28
588.85	V	-61.67	-13	-48.67	-67.54	-57.84	-1.68
630.22	V	-59.12	-13	-46.12	-65.32	-55.23	-1.74

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 20					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
143.49	H	-65.96	-13	-52.96	-63.13	-57.14	-6.67
215.27	H	-68.07	-13	-55.07	-60.9	-63.51	-2.41
261.83	H	-65.06	-13	-52.06	-60.3	-61.65	-1.26
286.08	H	-64.36	-13	-51.36	-60.47	-60.94	-1.27
480.08	H	-65.37	-13	-52.37	-66.62	-61.94	-1.28
492.69	H	-66.76	-13	-53.76	-68.14	-63.34	-1.27
30	V	-72.17	-13	-59.17	-64.98	-50.57	-19.45
90.14	V	-66.98	-13	-53.98	-62.51	-59.92	-4.91
261.83	V	-68.72	-13	-55.72	-68.55	-65.31	-1.26
384.05	V	-71.6	-13	-58.6	-72.03	-68.26	-1.19
492.69	V	-63.93	-13	-50.93	-66.29	-60.51	-1.27
606.18	V	-62.39	-13	-49.39	-68.59	-58.46	-1.78

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 21					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
143.49	H	-63.11	-13	-50.11	-62.43	-56.44	-6.67
179.38	H	-66.26	-13	-53.26	-63.79	-61.44	-4.82
263.77	H	-65.78	-13	-52.78	-63.23	-64.52	-1.26
336.52	H	-63.29	-13	-50.29	-64.37	-62.15	-1.14
360.77	H	-62.57	-13	-49.57	-64.61	-61.45	-1.12
408.3	H	-62.93	-13	-49.93	-65.45	-61.69	-1.24
30	V	-69.59	-13	-56.59	-64.55	-50.14	-19.45
57.16	V	-70.07	-13	-57.07	-67.61	-55.57	-14.5
143.49	V	-65.86	-13	-52.86	-67.51	-59.19	-6.67
480.08	V	-63.39	-13	-50.39	-67.63	-62.11	-1.28
492.69	V	-59.75	-13	-46.75	-64.24	-58.48	-1.27
503.36	V	-62.07	-13	-49.07	-66.89	-60.81	-1.26

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 22					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
58.13	H	-62.85	-13	-49.85	-64.07	-48.56	-14.29
143.49	H	-59.83	-13	-46.83	-59.15	-53.16	-6.67
149.31	H	-58.62	-13	-45.62	-57.9	-52.09	-6.53
263.77	H	-64.09	-13	-51.09	-61.54	-62.83	-1.26
360.77	H	-61.16	-13	-48.16	-63.2	-60.04	-1.12
480.08	H	-62.35	-13	-49.35	-65.75	-61.07	-1.28
30	V	-69.71	-13	-56.71	-64.67	-50.26	-19.45
38.73	V	-69.53	-13	-56.53	-65.5	-51.77	-17.76
143.49	V	-65.88	-13	-52.88	-67.53	-59.21	-6.67
149.31	V	-64.74	-13	-51.74	-66.65	-58.21	-6.53
408.3	V	-65.84	-13	-52.84	-68.74	-64.6	-1.24
492.69	V	-62.92	-13	-49.92	-67.43	-61.65	-1.27

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 23					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
120.21	H	-75.49	-13	-62.49	-70.45	-67.27	-6.07
164.83	H	-71.07	-13	-58.07	-67.72	-63.01	-5.91
227.88	H	-68.13	-13	-55.13	-61.67	-63.99	-1.99
251.16	H	-68.24	-13	-55.24	-63.09	-64.83	-1.26
286.08	H	-68.95	-13	-55.95	-65.06	-65.53	-1.27
531.49	H	-72.07	-13	-59.07	-73.89	-68.64	-1.28
42.61	V	-71.8	-13	-58.8	-66.31	-52.41	-17.24
98.87	V	-69.03	-13	-56.03	-64.79	-61.87	-5.01
164.83	V	-65.79	-13	-52.79	-65.88	-57.73	-5.91
227.88	V	-67.13	-13	-54.13	-65.87	-62.99	-1.99
286.08	V	-70.63	-13	-57.63	-70.31	-67.21	-1.27
530.52	V	-69.43	-13	-56.43	-73.3	-66	-1.28

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 24					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
144.254	H	-66.09	-13	-53.09	-63.26	-57.28	-6.66
228.54	H	-65.94	-13	-52.94	-59.52	-61.82	-1.97
285.41	H	-61.38	-13	-48.38	-57.47	-57.96	-1.27
310.57	H	-66.2	-13	-53.2	-63.49	-62.82	-1.23
383.84	H	-65.07	-13	-52.07	-65.17	-61.74	-1.18
400	H	-61.53	-13	-48.53	-61.79	-58.15	-1.23
32.74	V	-71.98	-13	-58.98	-65.01	-51.05	-18.78
142.52	V	-69.56	-13	-56.56	-69.02	-60.71	-6.7
228.412	V	-66.19	-13	-53.19	-64.96	-62.06	-1.98
285.41	V	-66.01	-13	-53.01	-65.69	-62.59	-1.27
481.2	V	-66.49	-13	-53.49	-68.61	-63.06	-1.28
491.51	V	-66.08	-13	-53.08	-68.42	-62.66	-1.27

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 25					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
143.49	H	-65.43	-13	-52.43	-62.6	-56.61	-6.67
215.27	H	-68.4	-13	-55.4	-61.23	-63.84	-2.41
261.83	H	-64.02	-13	-51.02	-59.26	-60.61	-1.26
334.58	H	-67.97	-13	-54.97	-66.78	-64.67	-1.15
360.77	H	-66.74	-13	-53.74	-66.63	-63.47	-1.12
371.44	H	-67.1	-13	-54.1	-67.08	-63.8	-1.15
57.16	V	-67.81	-13	-54.81	-63.2	-51.16	-14.5
149.31	V	-63.08	-13	-50.08	-62.84	-54.4	-6.53
261.83	V	-68.99	-13	-55.99	-68.82	-65.58	-1.26
336.52	V	-71.69	-13	-58.69	-71.63	-68.4	-1.14
480.08	V	-61.82	-13	-48.82	-63.91	-58.39	-1.28
548.95	V	-62.44	-13	-49.44	-67.13	-59	-1.29

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 26					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
143.49	H	-62.9	-13	-49.9	-62.22	-56.23	-6.67
148.34	H	-63.15	-13	-50.15	-64.44	-56.59	-6.56
215.27	H	-64.4	-13	-51.4	-59.38	-61.99	-2.41
311.3	H	-62.78	-13	-49.78	-62.27	-61.55	-1.23
480.08	H	-62.07	-13	-49.07	-65.47	-60.79	-1.28
492.69	H	-62.69	-13	-49.69	-66.22	-61.42	-1.27
30	V	-69.92	-13	-56.92	-64.88	-50.47	-19.45
71.71	V	-65.65	-13	-52.65	-63.37	-55.66	-9.99
149.31	V	-64.99	-13	-51.99	-66.9	-58.46	-6.53
480.08	V	-60.72	-13	-47.72	-64.96	-59.44	-1.28
492.69	V	-61.02	-13	-48.02	-65.53	-59.75	-1.27
503.36	V	-62	-13	-49	-66.82	-60.74	-1.26

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 27					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
58.13	H	-63.92	-13	-50.92	-65.14	-49.63	-14.29
136.7	H	-59.76	-13	-46.76	-58.73	-53.12	-6.64
215.27	H	-65.2	-13	-52.2	-60.18	-62.79	-2.41
299.66	H	-61.96	-13	-48.96	-60.72	-60.69	-1.27
408.3	H	-63.99	-13	-50.99	-66.51	-62.75	-1.24
480.08	H	-62.9	-13	-49.9	-66.3	-61.62	-1.28
30	V	-69.43	-13	-56.43	-64.39	-49.98	-19.45
57.16	V	-66.61	-13	-53.61	-64.15	-52.11	-14.5
135.73	V	-65.19	-13	-52.19	-66.41	-58.58	-6.61
149.31	V	-62.86	-13	-49.86	-64.77	-56.33	-6.53
336.52	V	-66.39	-13	-53.39	-68.48	-65.25	-1.14
503.36	V	-62.12	-13	-49.12	-66.94	-60.86	-1.26

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 28					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
51.34	H	-71.97	-13	-58.97	-73.79	-54.01	-15.81
164.83	H	-72.15	-13	-59.15	-68.8	-64.09	-5.91
192.96	H	-71.86	-13	-58.86	-65	-66.14	-3.57
232.73	H	-66	-13	-53	-59.82	-62.02	-1.83
286.08	H	-66.38	-13	-53.38	-62.49	-62.96	-1.27
517.91	H	-71.78	-13	-58.78	-73.44	-68.36	-1.27
45.52	V	-69.66	-13	-56.66	-64.67	-50.68	-16.83
98.87	V	-69.64	-13	-56.64	-65.4	-62.48	-5.01
164.83	V	-66.51	-13	-53.51	-66.6	-58.45	-5.91
401.51	V	-68.46	-13	-55.46	-69.1	-65.08	-1.23
528.58	V	-67.55	-13	-54.55	-73.33	-64.12	-1.28
768.17	V	-54.94	-13	-41.94	-62.65	-50.76	-2.03

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 29					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
142.85	H	-61.72	-13	-48.72	-58.9	-52.88	-6.69
214.85	H	-66.87	-13	-53.87	-59.67	-62.29	-2.43
226.94	H	-66.88	-13	-53.88	-60.37	-62.7	-2.03
310.85	H	-67.61	-13	-54.61	-64.92	-64.23	-1.23
400.85	H	-61.8	-13	-48.8	-62.07	-58.42	-1.23
491.84	H	-65.11	-13	-52.11	-66.48	-61.69	-1.27
142.84	V	-67.08	-13	-54.08	-65.55	-58.24	-6.69
214.85	V	-69.58	-13	-56.58	-67.65	-65	-2.43
285.47	V	-68.02	-13	-55.02	-67.7	-64.6	-1.27
400.8	V	-65.5	-13	-52.5	-66.12	-62.12	-1.23
492.44	V	-61.32	-13	-48.32	-63.68	-57.9	-1.27
589.24	V	-62.73	-13	-49.73	-68.62	-58.9	-1.68

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 30					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
58.13	H	-66.66	-13	-53.66	-65.73	-50.22	-14.29
143.49	H	-64.54	-13	-51.54	-61.71	-55.72	-6.67
261.83	H	-64.1	-13	-51.1	-59.34	-60.69	-1.26
286.08	H	-68.68	-13	-55.68	-64.79	-65.26	-1.27
360.77	H	-65.14	-13	-52.14	-65.03	-61.87	-1.12
606.18	H	-65.82	-13	-52.82	-68.69	-61.89	-1.78
55.22	V	-67.11	-13	-54.11	-62.49	-50.03	-14.93
143.49	V	-67.78	-13	-54.78	-67.28	-58.96	-6.67
261.83	V	-68.81	-13	-55.81	-68.64	-65.4	-1.26
334.58	V	-71.39	-13	-58.39	-71.3	-68.09	-1.15
480.08	V	-66.57	-13	-53.57	-68.66	-63.14	-1.28
548.95	V	-62.2	-13	-49.2	-66.89	-58.76	-1.29

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 31					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
55.22	H	-67.84	-13	-54.84	-70.07	-52.91	-14.93
120.21	H	-73.47	-13	-60.47	-70.58	-67.4	-6.07
164.83	H	-66.66	-13	-53.66	-65.46	-60.75	-5.91
232.73	H	-66.88	-13	-53.88	-62.85	-65.05	-1.83
305.48	H	-67.26	-13	-54.26	-66.38	-66.01	-1.25
600.45	H	-58.41	-13	-45.41	-63.34	-56.62	-1.79
34.85	V	-70.11	-13	-57.11	-65.46	-51.84	-18.27
98.87	V	-67.13	-13	-54.13	-65.04	-62.12	-5.01
164.83	V	-65.13	-13	-52.13	-67.37	-59.22	-5.91
232.73	V	-64.9	-13	-51.9	-66.05	-63.07	-1.83
520.82	V	-66.76	-13	-53.76	-72.35	-65.49	-1.27
600.36	V	-56.7	-13	-43.7	-65.05	-54.91	-1.79

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 32					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
55.22	H	-68.12	-13	-55.12	-70.35	-53.19	-14.93
98.87	H	-70.2	-13	-57.2	-68.46	-65.19	-5.01
164.83	H	-66.53	-13	-53.53	-65.33	-60.62	-5.91
232.73	H	-66.93	-13	-53.93	-62.9	-65.1	-1.83
769.14	H	-44.36	-13	-31.36	-53.45	-42.34	-2.02
940.83	H	-47.47	-13	-34.47	-58.44	-44.9	-2.57
43.58	V	-69.11	-13	-56.11	-65.95	-52	-17.11
98.87	V	-66.64	-13	-53.64	-64.55	-61.63	-5.01
120.21	V	-67.6	-13	-54.6	-67.8	-61.53	-6.07
164.83	V	-65.16	-13	-52.16	-67.4	-59.25	-5.91
769.75	V	-51.13	-13	-38.13	-60.98	-49.11	-2.02
940.5	V	-46.83	-13	-33.83	-59.74	-44.26	-2.57

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 33					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
55.22	H	-71.36	-13	-58.36	-71.44	-54.28	-14.93
90.14	H	-69.06	-13	-56.06	-64.84	-62	-4.91
164.83	H	-69.76	-13	-56.76	-66.41	-61.7	-5.91
232.73	H	-70.03	-13	-57.03	-63.85	-66.05	-1.83
480.08	H	-69.27	-13	-56.27	-70.52	-65.84	-1.28
537.31	H	-67.76	-13	-54.76	-69.65	-64.33	-1.28
35.82	V	-71.95	-13	-58.95	-65.29	-51.67	-18.13
45.52	V	-72.09	-13	-59.09	-67.1	-53.11	-16.83
98.87	V	-68.76	-13	-55.76	-64.52	-61.6	-5.01
164.83	V	-67.29	-13	-54.29	-67.38	-59.23	-5.91
480.08	V	-68.05	-13	-55.05	-70.14	-64.62	-1.28
520.82	V	-69.15	-13	-56.15	-72.59	-65.73	-1.27

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 34					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
54.25	H	-68.08	-13	-55.08	-68.58	-50.78	-15.15
90.14	H	-70.45	-13	-57.45	-66.23	-63.39	-4.91
166.77	H	-70.3	-13	-57.3	-66.78	-62.39	-5.76
191.99	H	-74.18	-13	-61.18	-67.48	-68.37	-3.66
232.73	H	-69.66	-13	-56.66	-63.48	-65.68	-1.83
458.74	H	-67.18	-13	-54.18	-68.2	-63.72	-1.31
45.52	V	-70.63	-13	-57.63	-65.64	-51.65	-16.83
98.87	V	-68.64	-13	-55.64	-64.4	-61.48	-5.01
120.21	V	-72.06	-13	-59.06	-70.11	-63.84	-6.07
164.83	V	-67.2	-13	-54.2	-67.29	-59.14	-5.91
232.73	V	-68.52	-13	-55.52	-67.52	-64.54	-1.83
298.69	V	-69.96	-13	-56.96	-69.57	-66.54	-1.27

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 35					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
55.22	H	-68.85	-13	-55.85	-68.93	-51.77	-14.93
90.14	H	-69.95	-13	-56.95	-65.73	-62.89	-4.91
130.88	H	-73.51	-13	-60.51	-69.68	-64.92	-6.44
166.77	H	-68.92	-13	-55.92	-65.4	-61.01	-5.76
232.73	H	-69.43	-13	-56.43	-63.25	-65.45	-1.83
291.9	H	-71.12	-13	-58.12	-67.44	-67.7	-1.27
43.58	V	-71.69	-13	-58.69	-66.38	-52.43	-17.11
98.87	V	-68.31	-13	-55.31	-64.07	-61.15	-5.01
120.21	V	-72.35	-13	-59.35	-70.52	-64.13	-6.07
164.83	V	-67.41	-13	-54.41	-67.5	-59.35	-5.91
232.73	V	-68.72	-13	-55.72	-67.72	-64.74	-1.83
299.66	V	-70.32	-13	-57.32	-69.92	-66.9	-1.27

Note: ERP = S.G Power value + Correction factor - 2.15

3.1.4 Transmitter Radiated Unwanted Emissions (Above 1GHz)

Test mode		Mode 1					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3080.45	H	-42.89	-13	-29.89	-55.21	-49.42	6.53
4359.55	H	-49.33	-13	-36.33	-64.25	-55.96	6.63
3080.45	V	-41.15	-13	-28.15	-53.25	-47.68	6.53
4359.55	V	-49.19	-13	-36.19	-64.11	-55.82	6.63

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 2					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1655.75	H	-48.45	-13	-35.45	-52.63	-52.11	5.81
4128.5	H	-53.31	-13	-40.31	-65.54	-58.02	6.86
1655.75	V	-48.5	-13	-35.5	-52.76	-52.16	5.81
4128.5	V	-53.2	-13	-40.2	-65.45	-57.91	6.86

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 3					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3179.25	H	-46.48	-13	-33.48	-56.99	-50.84	6.51
3878.5	H	-43.51	-13	-30.51	-56.54	-48.31	6.95
3179.25	V	-50.44	-13	-37.44	-60.88	-54.8	6.51
3878.5	V	-47.74	-13	-34.74	-60.74	-52.54	6.95

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 4					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3080.45	H	-40.93	-13	-27.93	-53.25	-47.46	6.53
4359.55	H	-48.84	-13	-35.84	-63.76	-55.47	6.63
3080.45	V	-41.11	-13	-28.11	-53.21	-47.64	6.53
4359.55	V	-49.1	-13	-36.1	-64.02	-55.73	6.63

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 5					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1655.75	H	-48.57	-13	-35.57	-52.75	-52.23	5.81
4128.5	H	-53.18	-13	-40.18	-65.41	-57.89	6.86
1655.75	V	-48.41	-13	-35.41	-52.67	-52.07	5.81
4128.5	V	-53.3	-13	-40.3	-65.55	-58.01	6.86

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 6					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3179.25	H	-46.26	-13	-33.26	-56.77	-50.62	6.51
3878.5	H	-44.76	-13	-31.76	-57.79	-49.56	6.95
3179.25	V	-48.09	-13	-35.09	-58.53	-52.45	6.51
3878.5	V	-46.69	-13	-33.69	-59.69	-51.49	6.95

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 7					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3080.45	H	-41.22	-13	-28.22	-53.54	-47.75	6.53
4359.55	H	-49.18	-13	-36.18	-64.1	-55.81	6.63
3080.45	V	-40.11	-13	-27.11	-52.21	-46.64	6.53
4359.55	V	-49.25	-13	-36.25	-64.17	-55.88	6.63

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 8					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1655.75	H	-48.52	-13	-35.52	-52.7	-52.18	5.81
4128.5	H	-53.15	-13	-40.15	-65.38	-57.86	6.86
1655.75	V	-48.57	-13	-35.57	-52.83	-52.23	5.81
4128.5	V	-53.2	-13	-40.2	-65.45	-57.91	6.86

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 9					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3179.25	H	-47.28	-13	-34.28	-57.79	-51.64	6.51
3878.5	H	-45.61	-13	-32.61	-58.64	-50.41	6.95
3179.25	V	-49.24	-13	-36.24	-59.68	-53.6	6.51
3878.5	V	-47.34	-13	-34.34	-60.34	-52.14	6.95

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 10					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3249.75	H	-53.01	-13	-40.01	-65.87	-59.72	6.71
4190.25	H	-50.94	-13	-37.94	-65.34	-57.77	6.83
3249.75	V	-52.58	-13	-39.58	-65.43	-59.29	6.71
4190.25	V	-51.11	-13	-38.11	-65.46	-57.94	6.83

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 11					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1695.88	H	-48.4	-13	-35.4	-52.78	-52.24	5.99
3264.12	H	-54.69	-13	-41.69	-65.44	-59.31	6.77
1695.88	V	-48.27	-13	-35.27	-52.64	-52.11	5.99
3264.12	V	-54.78	-13	-41.78	-65.53	-59.4	6.77

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 12					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3249.75	H	-37.29	-13	-24.29	-50.15	-44	6.71
4190.25	H	-42.71	-13	-29.71	-57.11	-49.54	6.83
3249.75	V	-44.33	-13	-31.33	-57.18	-51.04	6.71
4190.25	V	-47.86	-13	-34.86	-62.21	-54.69	6.83

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 13					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1695.88	H	-48.49	-13	-35.49	-52.87	-52.33	5.99
3264.12	H	-54.63	-13	-41.63	-65.38	-59.25	6.77
1695.88	V	-48.37	-13	-35.37	-52.74	-52.21	5.99
3264.12	V	-54.69	-13	-41.69	-65.44	-59.31	6.77

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 14					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3249.75	H	-52.87	-13	-39.87	-65.73	-59.58	6.71
4190.25	H	-51.34	-13	-38.34	-65.74	-58.17	6.83
3249.75	V	-52.59	-13	-39.59	-64.44	-59.3	6.71
4190.25	V	-51.11	-13	-38.11	-65.46	-57.94	6.83

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 15					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1695.88	H	-48.46	-13	-35.46	-52.84	-52.3	5.99
3264.12	H	-54.82	-13	-41.82	-65.57	-59.44	6.77
1695.88	V	-48.37	-13	-35.37	-52.74	-52.21	5.99
3264.12	V	-54.67	-13	-41.67	-65.42	-59.29	6.77

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 16					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3080.45	H	-41.19	-13	-28.19	-53.51	-47.72	6.53
4359.55	H	-49.37	-13	-36.37	-64.29	-56	6.63
3080.45	V	-41.47	-13	-28.47	-53.57	-48	6.53
4359.55	V	-49.17	-13	-36.17	-64.09	-55.8	6.63

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 17					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3249.75	H	-50.35	-13	-37.35	-63.21	-57.06	6.71
4190.25	H	-49.18	-13	-36.18	-63.58	-56.01	6.83
3249.75	V	-50.64	-13	-37.64	-63.49	-57.35	6.71
4190.25	V	-49.61	-13	-36.61	-63.96	-56.44	6.83

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 18					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1655.75	H	-47.79	-13	-34.79	-51.97	-51.45	5.81
4128.5	H	-53.34	-13	-40.34	-65.57	-58.05	6.86
1655.75	V	-47.63	-13	-34.63	-51.89	-51.29	5.81
4128.5	V	-53.11	-13	-40.11	-65.36	-57.82	6.86

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 19					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3179.25	H	-48.78	-13	-35.78	-59.29	-53.14	6.51
3878.5	H	-44.17	-13	-31.17	-57.2	-48.97	6.95
3179.25	V	-50.95	-13	-37.95	-61.39	-55.31	6.51
3878.5	V	-46.54	-13	-33.54	-59.54	-51.34	6.95

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 20					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3264.12	H	-53.56	-13	-40.56	-64.31	-58.18	6.77
4175.88	H	-51.03	-13	-38.03	-63.28	-55.71	6.83
3264.12	V	-53.44	-13	-40.44	-64.19	-58.06	6.77
4175.88	V	-51.02	-13	-38.02	-63.24	-55.7	6.83

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 21					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3080.45	H	-39.92	-13	-26.92	-52.24	-46.45	6.53
4359.55	H	-49.76	-13	-36.76	-64.68	-56.39	6.63
3080.45	V	-43.1	-13	-30.1	-55.2	-49.63	6.53
4359.55	V	-49.07	-13	-36.07	-63.99	-55.7	6.63

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 22					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3249.75	H	-51.32	-13	-38.32	-64.18	-58.03	6.71
4190.25	H	-50.44	-13	-37.44	-64.84	-57.27	6.83
3249.75	V	-52.6	-13	-39.6	-65.45	-59.31	6.71
4190.25	V	-49.24	-13	-36.24	-63.59	-56.07	6.83

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 23					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1655.75	H	-48.64	-13	-35.64	-52.82	-52.3	5.81
3304.25	H	-54.78	-13	-41.78	-65.63	-59.57	6.94
1655.75	V	-48.5	-13	-35.5	-52.76	-52.16	5.81
3304.25	V	-54.55	-13	-41.55	-65.41	-59.34	6.94

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 24					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3179.25	H	-49.05	-13	-36.05	-59.56	-53.41	6.51
3878.5	H	-43.51	-13	-30.51	-56.54	-48.31	6.95
3179.25	V	-50.8	-13	-37.8	-61.24	-55.16	6.51
3878.5	V	-45.79	-13	-32.79	-58.79	-50.59	6.95

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 25					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3264.12	H	-53.03	-13	-40.03	-63.78	-57.65	6.77
4175.88	H	-50.75	-13	-37.75	-63	-55.43	6.83
3264.12	V	-53.7	-13	-40.7	-64.45	-58.32	6.77
4175.88	V	-50.82	-13	-37.82	-63.04	-55.5	6.83

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 26					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3080.45	H	-39.89	-13	-26.89	-52.21	-46.42	6.53
4359.55	H	-49.08	-13	-36.08	-64	-55.71	6.63
3080.45	V	-41.11	-13	-28.11	-53.21	-47.64	6.53
4359.55	V	-49.86	-13	-36.86	-64.78	-56.49	6.63

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 27					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3249.75	H	-50.93	-13	-37.93	-63.79	-57.64	6.71
4190.25	H	-49.47	-13	-36.47	-63.87	-56.3	6.83
3249.75	V	-51.05	-13	-38.05	-63.9	-57.76	6.71
4190.25	V	-49.75	-13	-36.75	-64.1	-56.58	6.83

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 28					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1655.75	H	-47.69	-13	-34.69	-51.87	-51.35	5.81
3304.25	H	-54.71	-13	-41.71	-65.56	-59.5	6.94
1655.75	V	-47.6	-13	-34.6	-51.86	-51.26	5.81
3304.25	V	-54.59	-13	-41.59	-65.45	-59.38	6.94

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 29					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3179.25	H	-47.26	-13	-34.26	-57.77	-51.62	6.51
3878.5	H	-43.78	-13	-30.78	-56.81	-48.58	6.95
3179.25	V	-50.09	-13	-37.09	-60.53	-54.45	6.51
3878.5	V	-46.65	-13	-33.65	-59.65	-51.45	6.95

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 30					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3264.12	H	-53.12	-13	-40.12	-63.87	-57.74	6.77
4175.88	H	-50.81	-13	-37.81	-63.06	-55.49	6.83
3264.12	V	-53.09	-13	-40.09	-63.84	-57.71	6.77
4175.88	V	-51.66	-13	-38.66	-63.88	-56.34	6.83

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 31					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3080.45	H	-48.79	-13	-35.79	-61.11	-55.32	6.53
4359.55	H	-49.84	-13	-36.84	-64.76	-56.47	6.63
3080.45	V	-46.99	-13	-33.99	-59.09	-53.52	6.53
4359.55	V	-48.24	-13	-35.24	-63.16	-54.87	6.63

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 32					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3249.75	H	-49.22	-13	-36.22	-62.08	-55.93	6.71
4190.25	H	-47.95	-13	-34.95	-62.35	-54.78	6.83
3249.75	V	-47.99	-13	-34.99	-60.84	-54.7	6.71
4190.25	V	-48.03	-13	-35.03	-62.38	-54.86	6.83

Note: EIRP = S.G Power value + Correction factor

Test mode		Mode 33					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1655.75	H	-46.87	-13	-33.87	-51.05	-50.53	5.81
3304.25	H	-53.33	-13	-40.33	-64.18	-58.12	6.94
1655.75	V	-46.87	-13	-33.87	-51.13	-50.53	5.81
3304.25	V	-52.89	-13	-39.89	-63.75	-57.68	6.94

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 34					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
3179.25	H	-40.98	-13	-27.98	-51.49	-45.34	6.51
3878.5	H	-37.12	-13	-24.12	-50.15	-41.92	6.95
3179.25	V	-42.38	-13	-29.38	-52.82	-46.74	6.51
3878.5	V	-41.02	-13	-28.02	-54.02	-45.82	6.95

Note: ERP = S.G Power value + Correction factor - 2.15

Test mode		Mode 35					
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1695.88	H	-56.67	-13	-43.67	-61.05	-60.51	5.99
3264.12	H	-51.77	-13	-38.77	-62.52	-56.39	6.77
1695.88	V	-56.25	-13	-43.25	-60.62	-60.09	5.99
3264.12	V	-50.64	-13	-37.64	-61.39	-55.26	6.77

Note: ERP = S.G Power value + Correction factor - 2.15

4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corp (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <http://www.icertifi.com.tw>.

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