



FCC TEST REPORT

FCC ID:2AOVG-G4N

On Behalf of

Hangzhou Sciener Smart Technology Co., Ltd.

SMART LOCK GATEWAY G4N

Model No.: G4N

Prepared for : Hangzhou Sciener Smart Technology Co., Ltd.
Address : Room 1101, Building A2 2-150#, Yunlian Road, Yuhang District
Hangzhou, Zhejiang Province, PRC 311121

Prepared By : Shenzhen PSI Testing Co., Ltd.
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Date of Report : Jun. 23, 2026
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TEST REPORT DECLARATION

Applicant : Hangzhou Sciener Smart Technology Co., Ltd.
Address : Room 1101, Building A2 2-150#, Yunlian Road, Yuhang District Hangzhou,
Zhejiang Province, PRC 311121
Manufacturer : Hangzhou Sciener Smart Technology Co., Ltd.
Address : Room 1101, Building A2 2-150#, Yunlian Road, Yuhang District Hangzhou,
Zhejiang Province, PRC 311121
EUT Description : SMART LOCK GATEWAY G4N
(A) Model No. : G4N
(B) Trademark : N/A

Measurement Standard Used:

FCC CFR Title 47 Part 2
FCC CFR Title 47 Part 22 Subpart H
FCC CFR Title 47 Part 24 Subpart E
FCC CFR Title 47 Part 27
ANSI C63.26:2015

Test Result: PASS

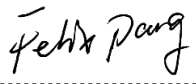
The device described above is tested by Shenzhen PSI Testing Co., Ltd. to determine the maximum emission levels emanating from the device. The test results are contained in this test report and Shenzhen PSI Testing Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

After the test, our opinion is that EUT compliance with the requirement of the above standards.

This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Shenzhen PSI Testing Co., Ltd.

Tested by (name + signature).....:

Felix Pang
Test Engineer



Approved by (name + signature).....:

Simple Guan
Project Manager



Date of issue.....:

Jun. 23, 2026

Revision History

Revision	Issue Date	Revisions	Revised By
V0	Jun. 23, 2026	Initial released Issue	Felix Pang



1 Test Summary

Test Item	Section in CFR 47	Result
RF Exposure (SAR)	Part 1.1307 Part 2.1091	Pass* (Please refer to MPE Report)
Transmitter Radiated Power (EIRP/ERP)	Part 2.1046 part22.913(a) (5) Part 24.232 (c) Part 27.50 (d)(4) Part 27.50 (h)/(c)	Pass
Peak-To-Average Ratio	Part 2.1046 Part 22.913(d) Part 24.232 (d) Part 27.50(d) Part 27.50 (c)	Pass
Modulation Characteristics	Part 2.1047	N/A
99% & -26 dB Occupied Bandwidth	Part 2.1049 Part 22.917 Part 24.238 Part 27.53(a)	Pass
Spurious Emissions at Antenna Terminal	Part 2.1051 Part 22.917 (a) Part 24.238 (a) Part 27.53 (h)/(m)/(g)	Pass
Field Strength of Spurious Radiation	Part 2.1053 Part 22.917 (a) Part 24.238 (a) Part 27.53 (h)/(m)/(g)	Pass
Frequency stability	Part 2.1055(a)(1)(b) Part 2.1055(d)(1)(2) Part 27.54	Pass

Note:1. P is an abbreviation for Pass.

2. F is an abbreviation for Fail.

3. N/A is an abbreviation for Not Applicable.

4. Conclusion determination rules of this report: Unless there are clear provisions on measurement uncertainty in the standard or customer requirements, decision by actual test data without considering measurement uncertainty.

5. Transmitter module FCC ID:2AJYU-8XS0001, Test Report No.W7L-P23070009RF01&W7L-P23070009RF02&W7L-P23070009RF03 and W7L-P23070009RF04.

2 General Information

2.1 General Description of EUT

Description of Device (EUT)

Description : SMART LOCK GATEWAY G4N

Model Number : G4N

Diff : N/A

Test Voltage : Input: 5V --- 2A

Support Networks : LTE

Support Bands : FDD LTE: Band 2/4/5/7/12/13/25/26
TDD LTE: Band 38/41/66

LTE Band 2: 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz

LTE Band 4: 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz

LTE Band 5: 1.4MHz, 3MHz, 5MHz, 10MHz

LTE Band 7: 5MHz, 10MHz, 15MHz, 20MHz

LTE Band 12: 1.4MHz, 3MHz, 5MHz, 10MHz

Channel Bandwidth : LTE Band 13: 5MHz, 10MHz

LTE Band 25: 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz

LTE Band 26: 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz

LTE Band 38: 5MHz, 10MHz, 15MHz, 20MHz

LTE Band 41: 5MHz, 10MHz, 15MHz, 20MHz

LTE Band 66: 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz

LTE Band 2: 1850~1910MHz

LTE Band 4: 1710~1755MHz

LTE Band 5: 824~849MHz

LTE Band 7: 2500~2570MHz

LTE Band 12: 699~716MHz

TX Frequency : LTE Band 13: 777~787MHz

LTE Band 25: 1850~1915MHz

LTE Band 26: 824~849MHz

LTE Band 38: 2570~2620MHz

LTE Band 41: 2496~2690MHz

LTE Band 66: 1710~1780 MHz

Modulation type : QPSK, 16QAM

Antenna type : External Antenna

Maximum Gain is 2.53dBi for LTE Band 2

Maximum Gain is 2.26dBi for LTE Band 4

Maximum Gain is 0.94dBi for LTE Band 5

Maximum Gain is 3.32dBi for LTE Band 7

Maximum Gain is 0.22dBi for LTE Band 12

Antenna gain : Maximum Gain is 1.00dBi for LTE Band 13

Maximum Gain is 2.53dBi for LTE Band 25

Maximum Gain is 1.00dBi for LTE Band 26

Maximum Gain is 2.71dBi for LTE Band 38

Maximum Gain is 3.95dBi for LTE Band 41

Maximum Gain is 2.26dBi for LTE Band 66

Software version : V1.0

Hardware version : V1.0

Remark: 1. The worst-case simultaneous transmission configuration was evaluated with no non-compliance found. Results in this report are only for 4G function, and there is no other transmitter involved.

2.2 Related Submittal(s) / Grant (s)

This submittal(s) (test report) is filing to comply with Section Part 22 subpart H, Part 27 and Part 24 subpart E of the FCC CFR 47 Rules.

2.3 Test Methodology

Both conducted and radiated testing were performed according to the procedures document on TIA/EIA 603 and FCC CFR 47.1046, 2.1047, 2.1049, 2.1051, 2.1053, 2.1055 and 2.1057

2.4 Test Facility

Shenzhen PSI Testing Co., Ltd.
1-2/F., Building 5, Yudafu Industrial Park, No.10, Xingye West Road, Shajing Subdistrict, Bao'an District, Shenzhen, Guangdong, China

September 21, 2023 File on Federal Communication Commission
Registration Number: 916281

September 21, 2023 Certificated by IC
Registration Number: 31123
CAB identifier: CN0158

2.5 Accessories of Device (EUT)

Accessories : N/A
Manufacturer : N/A
Model : N/A
Ratings : N/A

2.6 Tested Supporting System Details

No.	Description	Manufacturer	Model	Serial Number	Certification
1.	N/A	N/A	N/A	N/A	N/A

2.7 Test Conditions

Items	Required	Actual
Temperature range:	15-35℃	26℃
Humidity range:	25-75%	54%
Pressure range:	86-106kPa	101kPa

2.8 Measurement Uncertainty

(95% confidence levels, k=2)

Item	Uncertainty
Power Line Conducted Emissions Test	2.13dB
Radiation Emission test in 3m chamber(Below 30MHz)	4.07dB
Radiation Emission test in 3m chamber(30MHz to 1GHz)	4.51dB
Radiation Emission test in 3m chamber(1GHz to 18GHz)	5.07dB
Radiation Emission test in 3m chamber(18GHz to 40GHz)	5.21dB
Radio Frequency	48.24KHz
Conducted RF Power	0.41dB
Power Spectral Density	0.39 dB
Occupied-Bandwidth	968Hz
Duty Cycle	1%
Conducted-Spurious Emission	1.26dB



3 Test Instruments list

Item	Equipment	Manufacturer	Model No.	Serial No.	Firmware Version	Last Cal.	Cal. Interval
1.	9*6*6 anechoic chamber	SKET	9*6*6	N/A	/	2025.12.18	3 Year
2.	Test Receiver	Rohde&Schwarz	ESCI 7	101032/003	4.42 SP3	2025.12.18	1 Year
3.	L.I.S.N.#1	Rohde&Schwarz	ENV 216	102282	/	2025.12.18	1 Year
4.	L.I.S.N.#2	EMCO	3810-2	00094944	/	2025.12.18	1 Year
5.	Loop Antenna	Schwarz beck	FMZB 1519B	00128	/	2025.01.02	2 Year
6.	Bilog Antenna	Schwarz beck	VULB 9168	01448	/	2025.01.02	2 Year
7.	Spectrum Analyzer	Rohde&Schwarz	FSV40-N	101648	3.70	2025.12.18	1 Year
8.	Horn Antenna	Schwarz beck	BBHA 9120 D	02706	/	2025.01.02	2 Year
9.	Amplifier	SKET	LNPA_0118 G-50	SK20220329 01	/	2025.12.18	1 Year
10.	Horn Antenna	Schwarz beck	BBHA 9170	00946	/	2024.12.31	2 Year
11.	Amplifier	SKET	LNPA_1840 G-50	SK20190403 02	/	2025.12.18	1 Year
12.	RF Power Probe	Rohde&Schwarz	NRP-Z11	1138.3004.02 -1111533-Fz	/	2025.12.18	1 Year
13.	RF Sensor Unit	Tachoy	TR1029-2	20220428P0 08	/	2025.12.18	1 Year
14.	Spectrum Analyzer	Agilent	N9020A	MY51281067	A.14.03	2025.12.18	1 Year
15.	Temp. & Humid Chamber	Auchno	9606	/	/	2025.12.18	1 Year
16.	Regulated DC Power Supply	Xinouhua	ADC120V10 A	20221125163 8	/	2025.12.18	1 Year
17.	Cable	SKET	Cable-RE-1	#02/#03	/	2025.12.18	1 Year
18.	Cable	SKET	Cable-RE-2	#01	/	2025.12.18	1 Year
19.	Cable	SKET	Cable-RE-3	#04	/	2025.12.18	1 Year
20.	Cable	SKET	Cable-CE-1	A-E-24	/	2025.12.18	1 Year
21.	6dB Attenuator	Schwarzbeck	DGA 9552N 6dB	CK4186	/	2025.12.18	1 Year
22.	Power meter	Agilent	E4419B	GB40202121	/	2025.12.18	1 Year
23.	Comprehensive Test Instrument	Rohde&Schwarz	CMW 500	145266	/	2025.12.18	1 Year

For Test Software Information

Item	Software Name	Manufacturer	Version
RE	EZ EMC	Farad	PSI-3A1
CE	EZ EMC	Farad	PSI-3A1
RF	RTS	TACHOY	V1.0.0

4 System test configuration

4.1 Test mode

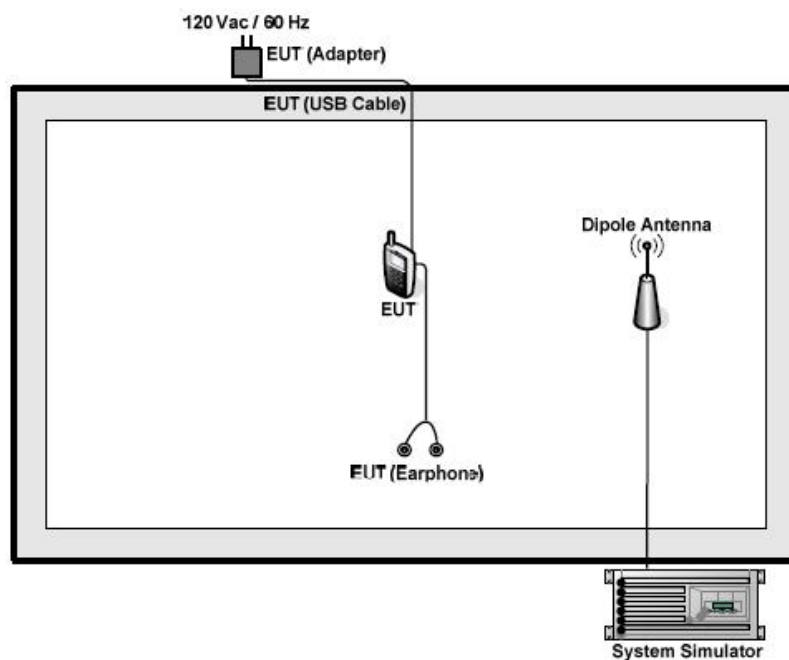
During all testing, EUT is in link mode with base station emulator at maximum power level. The spurious emission measurements were carried out in semi-anechoic chamber with 3-meter test range, and EUT is rotated on three test planes to find out the worst emission.

Test modes		
Band	Radiated	Conducted
LTE Band 2	■ QPSK link, 16QAM link	■ QPSK link, 16QAM link
LTE Band 4	■ QPSK link, 16QAM link	■ QPSK link, 16QAM link
LTE Band 5	■ QPSK link, 16QAM link	■ QPSK link, 16QAM link
LTE Band 7	■ QPSK link, 16QAM link	■ QPSK link, 16QAM link
LTE Band 12	■ QPSK link, 16QAM link	■ QPSK link, 16QAM link
LTE Band 13	■ QPSK link, 16QAM link	■ QPSK link, 16QAM link
LTE Band 25	■ QPSK link, 16QAM link	■ QPSK link, 16QAM link
LTE Band 26	■ QPSK link, 16QAM link	■ QPSK link, 16QAM link
LTE Band 38	■ QPSK link, 16QAM link	■ QPSK link, 16QAM link
LTE Band 41	■ QPSK link, 16QAM link	■ QPSK link, 16QAM link
LTE Band 66	■ QPSK link, 16QAM link	■ QPSK link, 16QAM link

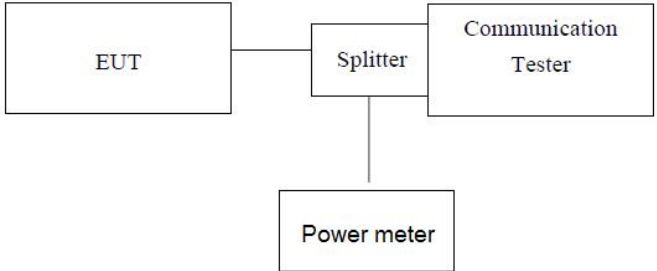
Note: Antenna port conducted and radiated test items were performed according to KDB 971168 D01 Power Meas License Digital Systems v03r1 with maximum output power.

Radiated measurements were performed with rotating EUT in different three orthogonal test planes to find the maximum emission.

4.2 Configuration of Tested System



4.3 Transmitter Radiated Power (EIRP/ERP)

Test Requirement:	FCC part22.913(a) (5), FCC part24.232(b) and FCC Part 27.50 (d)(4)/(h)/(c)
Test Method:	ANSI C63.26:2015
Limit:	LTE Band 2: 2W(33.01dBm) LTE Band 4: 1W(30.00dBm) LTE Band 5: 7W(38.45dBm) LTE Band 7: 2W(33.01dBm) LTE Band 12: 3W(34.77dBm) LTE Band 13: 3W(34.77dBm) LTE Band 25: 2W(33.01dBm) LTE Band 26: 7W(38.45dBm) LTE Band 38: 2W(33.01dBm) LTE Band 41: 2W(33.01dBm) LTE Band 66: 1W(30.00dBm)
Test setup:	 <i>Note: Measurement setup for testing on Antenna connector</i>
Test Procedure:	Description of the Conducted Output Power Measurement The EUT is coupled to the SS with attenuator through power splitter; the RF load attached to EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. A system simulator is used to establish communication with the EUT, and its parameters are set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported. The relevant equation for determining the conducted measured value is: Conducted Output Power Value (dBm) = Measured Value (dBm) + Path Loss (dB) where: Conducted Output Power Value = final conducted measured value in the conducted power test, in dBm; Measured Value = measured conducted power received by spectrum analyzer or power meter, in dBm; Path Loss = signal attenuation in the connecting cable between the transmitter and spectrum analyzer or power meter, including external cable loss, in dB; During the test, the data of Path Loss (dB) is added in the spectrum analyzer or power meter, so Measured Value (dBm) is the final values which contains the data of Path Loss (dB). For example: In the conducted output power test, when measured value for GSM850 is 24.7 dBm, and path loss is 8.5 dB, then final conducted output power value is: Conducted Output Power Value (dBm) = 24.7 dBm + 8.5 dB = 33.2 dBm

Description of the Transmitter Radiated Power Measurement

In many cases, the RF output power limits for licensed digital transmission devices is specified in terms of effective radiated power (ERP) or equivalent isotropic radiated power (EIRP). Typically, ERP is specified when the operating frequency is less than or equal to 1 GHz and EIRP is specified when the operating frequency is greater than 1 GHz. Both are determined by adding the transmit antenna gain to the conducted RF output power with the primary difference between the two being that when determining the ERP, the transmit antenna gain is referenced to a dipole antenna (i.e., dBd) whereas when determining the EIRP, the transmit antenna gain is referenced to an isotropic antenna (dBi).

Final measurement calculation as below:

The relevant equation for determining the ERP or EIRP from the conducted RF output power measured using the guidance provided above is:

$$\text{ERP/EIRP} = \text{PMeas} + \text{GT} - \text{LC}$$

where:

ERP/EIRP = effective or equivalent radiated power, respectively (expressed in the same units as PMeas, typically dBW or dBm);

PMeas = measured transmitter output power or PSD, in dBm or dBW; GT = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP); dBd (ERP)=dBi (EIRP) -2.15 dB

LC = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

For devices utilizing multiple antennas, KDB 662911 provides guidance for determining the effective array transmit antenna gain term to be used in the above equation.

For example:

In the EIRP test, when PMeas value for GSM1900 is 30.2 dBm, LC is 0.6 dB, and GT is -3.4 dB, then final EIRP value is:

$$\text{EIRP for GSM1900} = 30.2 \text{ dBm} - 3.4 \text{ dBi} - 0.6 \text{ dB} = 26.2 \text{ dBm}$$

The relevant equation for determining the ERP/EIRP from the radiated RF output power is:

$$\text{ERP/EIRP (dBm)} = \text{SA Read Value (dBm)} + \text{Correction Factor (dB)}$$

where:

ERP/EIRP = effective or equivalent radiated power, in dBm;

SA Read Value = measured transmitter power received by EMI receiver or spectrum analyzer, in dBm; Correction Factor = total correction factor including cable loss, in dB;

During the test, the data of Correction Factor (dB) is added in the EMI receiver or spectrum analyzer, so SA Read Value (dBm) is the final values which contains the data of Correction Factor (dB).

For example:

In the ERP test, when SA read value for GSM850 is 21dBm, and correction factor is 8dB, then final ERP value for GSM850 is:

$$\text{ERP (dBm)} = 21\text{dBm} + 8\text{dB} = 29\text{dBm}$$

Test Instruments:	Refer to section 3 for details
Test mode:	Refer to section 4.1 for details
Test results:	Pass

EIRP POWER (dBm)

LTE Band 2							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
1.4M- QPSK	18607	1850.7	24.96	2.53	25.34	0.3420	2
	18900	1880	24.58	2.53	24.96	0.3133	2
	19193	1909.3	24.28	2.53	24.66	0.2924	2
1.4M- 16QAM	18607	1850.7	24.08	2.53	24.46	0.2793	2
	18900	1880	23.84	2.53	24.22	0.2642	2
	19193	1909.3	23.63	2.53	24.01	0.2518	2

LTE Band 2							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
3M-QPSK	18615	1815.5	24.96	2.53	25.34	0.3420	2
	18900	1880	24.59	2.53	24.97	0.3141	2
	19185	1908.5	24.36	2.53	24.74	0.2979	2
3M- 16QAM	18615	18615	24.10	2.53	24.48	0.2805	2
	18900	18900	23.88	2.53	24.26	0.2667	2
	19185	19185	23.67	2.53	24.05	0.2541	2

LTE Band 2							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
5M-QPSK	18625	1825.5	25.05	2.53	25.43	0.3491	2
	18900	1880	24.57	2.53	24.95	0.3126	2
	19175	1907.5	24.27	2.53	24.65	0.2917	2
5M- 16QAM	18625	1825.5	24.07	2.53	24.45	0.2786	2
	18900	1880	23.91	2.53	24.29	0.2685	2
	19175	1907.5	23.69	2.53	24.07	0.2553	2

LTE Band 2							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
10M-QPSK	18650	1855	25.04	2.53	25.42	0.3483	2
	18900	1880	24.57	2.53	24.95	0.3126	2
	19150	1905	24.28	2.53	24.66	0.2924	2
10M- 16QAM	18650	1855	24.00	2.53	24.38	0.2742	2
	18900	1880	23.94	2.53	24.32	0.2704	2
	19150	1905	23.63	2.53	24.01	0.2518	2

LTE Band 2							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
15M-QPSK	18675	1875.5	25.03	2.53	25.41	0.3475	2
	18900	1880	24.53	2.53	24.91	0.3097	2
	19125	1920.5	24.35	2.53	24.73	0.2972	2
15M- 16QAM	18675	1875.5	24.09	2.53	24.47	0.2799	2
	18900	1880	23.89	2.53	24.27	0.2673	2
	19125	1920.5	23.70	2.53	24.08	0.2559	2

LTE Band 2							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
20M-QPSK	18700	1860	25.06	2.53	25.44	0.3499	2
	18900	1880	24.65	2.53	25.03	0.3184	2
	19100	1900	24.38	2.53	24.76	0.2992	2
20M- 16QAM	18700	1860	24.10	2.53	24.48	0.2805	2
	18900	1880	23.96	2.53	24.34	0.2716	2
	19100	1900	23.71	2.53	24.09	0.2564	2

LTE Band 4							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
1.4M- QPSK	19957	1710.7	23.09	2.26	23.20	0.2089	1
	20175	1732.5	23.04	2.26	23.15	0.2065	1
	20393	1754.3	23.07	2.26	23.18	0.2080	1
1.4M- 16QAM	19957	1710.7	22.53	2.26	22.64	0.1837	1
	20175	1732.5	22.66	2.26	22.77	0.1892	1
	20393	1754.3	22.62	2.26	22.73	0.1875	1

LTE Band 4							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
3M-QPSK	19965	1711.5	23.07	2.26	23.18	0.2080	1
	20175	1732.5	23.13	2.26	23.24	0.2109	1
	20385	1753.5	23.05	2.26	23.16	0.2070	1
3M- 16QAM	19965	1711.5	22.39	2.26	22.50	0.1778	1
	20175	1732.5	22.58	2.26	22.69	0.1858	1
	20385	1753.5	22.45	2.26	22.56	0.1803	1

LTE Band 4							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
5M-QPSK	19975	1712.5	23.13	2.26	23.24	0.2109	1
	20175	1732.5	23.06	2.26	23.17	0.2075	1
	20375	1752.5	23.09	2.26	23.20	0.2089	1
5M- 16QAM	19975	1712.5	22.38	2.26	22.49	0.1774	1
	20175	1732.5	22.57	2.26	22.68	0.1854	1
	20375	1752.5	22.52	2.26	22.63	0.1832	1

LTE Band 4							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
10M-QPSK	20000	1715	23.08	2.26	23.19	0.2084	1
	20175	1732.5	23.14	2.26	23.25	0.2113	1
	20350	1750	23.04	2.26	23.15	0.2065	1
10M- 16QAM	20000	1715	22.42	2.26	22.53	0.1791	1
	20175	1732.5	22.53	2.26	22.64	0.1837	1
	20350	1750	22.47	2.26	22.58	0.1811	1

LTE Band 4							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
15M-QPSK	20025	1717.5	23.08	2.26	23.19	0.2084	1
	20175	1732.5	23.06	2.26	23.17	0.2075	1
	20325	1747.5	23.09	2.26	23.20	0.2089	1
15M- 16QAM	20025	1717.5	22.46	2.26	22.57	0.1807	1
	20175	1732.5	22.54	2.26	22.65	0.1841	1
	20325	1747.5	22.46	2.26	22.57	0.1807	1

LTE Band 4							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
20M-QPSK	20050	1720	23.15	2.26	23.26	0.2118	1
	20175	1732.5	23.14	2.26	23.25	0.2113	1
	20300	1745	23.14	2.26	23.25	0.2113	1
20M- 16QAM	20050	1720	22.49	2.26	22.60	0.1820	1
	20175	1732.5	22.58	2.26	22.69	0.1858	1
	20300	1745	22.53	2.26	22.64	0.1837	1

LTE Band 5							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
1.4M- QPSK	20407	824.7	23.19	0.94	21.98	0.1578	7
	20525	836.5	23.12	0.94	21.91	0.1552	7
	20643	848.3	23.28	0.94	22.07	0.1611	7
1.4M- 16QAM	20407	824.7	22.49	0.94	21.28	0.1343	7
	20525	836.5	22.87	0.94	21.66	0.1466	7
	20643	848.3	22.98	0.94	21.77	0.1503	7

LTE Band 5							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
3M-QPSK	20415	825.5	23.18	0.94	21.97	0.1574	7
	20525	836.5	23.17	0.94	21.96	0.1570	7
	20635	847.5	23.29	0.94	22.08	0.1614	7
3M- 16QAM	20415	825.5	22.11	0.94	20.90	0.1230	7
	20525	836.5	22.40	0.94	21.19	0.1315	7
	20635	847.5	22.61	0.94	21.40	0.1380	7

LTE Band 5							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
5M-QPSK	20425	826.5	23.18	0.94	21.97	0.1574	7
	20525	836.5	23.10	0.94	21.89	0.1545	7
	20625	846.5	23.27	0.94	22.06	0.1607	7
5M- 16QAM	20425	826.5	22.15	0.94	20.94	0.1242	7
	20525	836.5	22.42	0.94	21.21	0.1321	7
	20625	846.5	22.61	0.94	21.40	0.1380	7

LTE Band 5							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
10M-QPSK	20450	829	23.28	0.94	22.07	0.1611	7
	20525	836.5	23.18	0.94	21.97	0.1574	7
	20600	844	23.30	0.94	22.09	0.1618	7
10M- 16QAM	20450	829	22.16	0.94	20.95	0.1245	7
	20525	836.5	22.44	0.94	21.23	0.1327	7
	20600	844	22.63	0.94	21.42	0.1387	7

LTE Band 7							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
5M-QPSK	20775	2502.5	24.46	3.32	25.63	0.3656	2
	21100	2535	23.54	3.32	24.71	0.2958	2
	21425	2567.5	23.15	3.32	24.32	0.2704	2
5M- 16QAM	20775	2502.5	24.07	3.32	25.24	0.3342	2
	21100	2535	22.90	3.32	24.07	0.2553	2
	21425	2567.5	22.50	3.32	23.67	0.2328	2

LTE Band 7							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
10M-QPSK	20800	2505	24.51	3.32	25.68	0.3698	2
	21100	2535	23.57	3.32	24.74	0.2979	2
	21400	2565	23.11	3.32	24.28	0.2679	2
10M- 16QAM	20800	2505	24.06	3.32	25.23	0.3334	2
	21100	2535	22.89	3.32	24.06	0.2547	2
	21400	2565	22.48	3.32	23.65	0.2317	2

LTE Band 7							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
15M-QPSK	20825	2507.5	24.53	3.32	25.70	0.3698	2
	21100	2535	23.52	3.32	24.69	0.2979	2
	21375	2562.5	23.18	3.32	24.35	0.2679	2
15M- 16QAM	20825	2507.5	24.01	3.32	25.18	0.3334	2
	21100	2535	22.83	3.32	24.00	0.2547	2
	21375	2562.5	22.55	3.32	23.72	0.2317	2

LTE Band 7							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
20M-QPSK	20850	2510	24.58	3.32	25.75	0.3758	2
	21100	2535	23.57	3.32	24.74	0.2979	2
	21350	2560	23.23	3.32	24.40	0.2754	2
20M- 16QAM	20850	2510	24.10	3.32	25.27	0.3365	2
	21100	2535	22.92	3.32	24.09	0.2564	2
	21350	2560	22.56	3.32	23.73	0.2360	2

LTE Band 12							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
1.4M- QPSK	23017	699.7	24.04	0.22	22.11	0.1626	3
	23095	707.5	23.85	0.22	21.92	0.1556	3
	23173	715.3	23.10	0.22	21.17	0.1309	3
1.4M- 16QAM	23017	699.7	23.49	0.22	21.56	0.1432	3
	23095	707.5	23.73	0.22	21.80	0.1514	3
	23173	715.3	23.22	0.22	21.29	0.1346	3

LTE Band 12							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
3M-QPSK	23025	700.5	24.03	0.22	22.10	0.1622	3
	23095	707.5	23.70	0.22	21.77	0.1503	3
	23165	714.5	22.85	0.22	20.92	0.1236	3
3M- 16QAM	23025	700.5	22.93	0.22	21.00	0.1259	3
	23095	707.5	23.02	0.22	21.09	0.1285	3
	23165	714.5	22.52	0.22	20.59	0.1146	3

LTE Band 12							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
5M-QPSK	23035	701.5	24.03	0.22	22.10	0.1622	3
	23095	707.5	23.72	0.22	21.79	0.1510	3
	23155	713.5	22.81	0.22	20.88	0.1225	3
5M- 16QAM	23035	701.5	22.99	0.22	21.06	0.1276	3
	23095	707.5	23.02	0.22	21.09	0.1285	3
	23155	713.5	22.48	0.22	20.55	0.1135	3

LTE Band 12							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
10M-QPSK	23060	704	24.07	0.22	22.14	0.1637	3
	23095	707.5	23.76	0.22	21.83	0.1524	3
	23130	711	22.87	0.22	20.94	0.1242	3
10M- 16QAM	23060	704	23.04	0.22	21.11	0.1291	3
	23095	707.5	23.08	0.22	21.15	0.1303	3
	23130	711	22.55	0.22	20.62	0.1153	3

LTE Band 13							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
5M-QPSK	23205	779.5	23.45	1.00	22.30	0.1698	3
	23230	782	23.51	1.00	22.36	0.1722	3
	23255	784.5	23.54	1.00	22.39	0.1734	3
5M- 16QAM	23205	779.5	22.73	1.00	21.58	0.1439	3
	23230	782	22.76	1.00	21.61	0.1449	3
	23255	784.5	22.84	1.00	21.69	0.1476	3

LTE Band 13							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
10M- QPSK	23230	782	23.55	1.00	22.40	0.1738	3
10M- 16QAM	23230	782	22.85	1.00	21.70	0.1479	3

LTE Band 25							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
1.4M- QPSK	26047	1850.7	24.70	2.53	25.08	0.3221	2
	26365	1882.5	24.65	2.53	25.03	0.3184	2
	26683	1914.3	23.18	2.53	23.56	0.2270	2
1.4M- 16QAM	26047	1850.7	23.88	2.53	24.26	0.2667	2
	26365	1882.5	24.09	2.53	24.47	0.2799	2
	26683	1914.3	23.04	2.53	23.42	0.2198	2

LTE Band 25							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
3M-QPSK	26055	1851.5	24.76	2.53	25.14	0.3266	2
	26365	1882.5	24.72	2.53	25.10	0.3236	2
	26675	1913.5	23.15	2.53	23.53	0.2254	2
3M- 16QAM	26055	1851.5	23.65	2.53	24.03	0.2529	2
	26365	1882.5	23.88	2.53	24.26	0.2667	2
	26675	1913.5	22.58	2.53	22.96	0.1977	2

LTE Band 25							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
5M-QPSK	26065	1852.5	24.69	2.53	25.07	0.3214	2
	26365	1882.5	24.62	2.53	25.00	0.3162	2
	26665	1912.5	23.18	2.53	23.56	0.2270	2
5M- 16QAM	26065	1852.5	23.68	2.53	24.06	0.2547	2
	26365	1882.5	23.92	2.53	24.30	0.2692	2
	26665	1912.5	22.55	2.53	22.93	0.1963	2

LTE Band 25							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
10M-QPSK	26090	1855	24.75	2.53	25.13	0.3258	2
	26365	1882.5	24.70	2.53	25.08	0.3221	2
	26640	1910	23.16	2.53	23.54	0.2259	2
10M- 16QAM	26090	1855	23.66	2.53	24.04	0.2535	2
	26365	1882.5	23.95	2.53	24.33	0.2710	2
	26640	1910	22.54	2.53	22.92	0.1959	2

LTE Band 25							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
15M-QPSK	26115	1857.5	27.70	2.53	28.08	0.6427	2
	26365	1882.5	24.71	2.53	25.09	0.3228	2
	26615	1907.5	23.12	2.53	23.50	0.2239	2
15M- 16QAM	26115	1857.5	26.67	2.53	27.05	0.5070	2
	26365	1882.5	23.97	2.53	24.35	0.2723	2
	26615	1907.5	22.52	2.53	22.90	0.1950	2

LTE Band 25							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
20M-QPSK	26140	1860	24.77	2.53	25.15	0.3273	2
	26365	1882.5	24.73	2.53	25.11	0.3243	2
	26590	1905	23.23	2.53	23.61	0.2296	2
20M- 16QAM	26140	1860	23.76	2.53	24.14	0.2594	2
	26365	1882.5	24.00	2.53	24.38	0.2742	2
	26590	1905	22.60	2.53	22.98	0.1986	2

LTE Band 26							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
1.4M- QPSK	26797	824.7	22.92	1	20.77	0.1194	7
	26915	836.5	22.81	1	20.66	0.1164	7
	27033	848.3	22.90	1	20.75	0.1189	7
1.4M- 16QAM	26797	824.7	22.32	1	20.17	0.1040	7
	26915	836.5	22.67	1	20.52	0.1127	7
	27033	848.3	22.55	1	20.40	0.1096	7

LTE Band 26							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
3M-QPSK	26805	825.5	22.89	1	20.74	0.1186	7
	26915	836.5	22.79	1	20.64	0.1159	7
	27025	847.5	22.88	1	20.73	0.1183	7
3M- 16QAM	26805	825.5	22.14	1	19.99	0.0998	7
	26915	836.5	22.32	1	20.17	0.1040	7
	27025	847.5	22.16	1	20.01	0.1002	7

LTE Band 26							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
5M-QPSK	26815	826.5	22.97	1	20.82	0.1208	7
	16915	836.5	22.83	1	20.68	0.1169	7
	27015	846.5	22.88	1	20.73	0.1183	7
5M- 16QAM	26815	826.5	22.25	1	20.10	0.1023	7
	16915	836.5	22.23	1	20.08	0.1019	7
	27015	846.5	22.14	1	19.99	0.0998	7

LTE Band 26							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
10M-QPSK	26840	829	22.89	1	20.74	0.1186	7
	26915	836.5	22.79	1	20.64	0.1159	7
	26990	844	22.92	1	20.77	0.1194	7
10M- 16QAM	26840	829	22.17	1	20.02	0.1005	7
	26915	836.5	22.27	1	20.12	0.1028	7
	26990	844	22.04	1	19.89	0.0975	7

LTE Band 26							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
15M-QPSK	26865	831.5	23.01	1	20.86	0.1219	7
	26915	836.5	22.87	1	20.72	0.1180	7
	26965	841.5	22.94	1	20.79	0.1199	7
15M- 16QAM	26865	831.5	22.26	1	20.11	0.1026	7
	26915	836.5	22.35	1	20.20	0.1047	7
	26965	841.5	22.16	1	20.01	0.1002	7



LTE Band 38							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
5M-QPSK	37775	2572.5	23.37	2.71	23.93	0.2472	2
	38000	2595	23.28	2.71	23.84	0.2421	2
	38225	2617.5	22.84	2.71	23.40	0.2188	2
5M- 16QAM	37775	2572.5	22.38	2.71	22.94	0.1968	2
	38000	2595	22.35	2.71	22.91	0.1954	2
	38225	2617.5	22.00	2.71	22.56	0.1803	2

LTE Band 38							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
10M-QPSK	37800	2575	23.34	2.71	23.90	0.2455	2
	38000	2595	23.34	2.71	23.90	0.2455	2
	38200	2615	22.83	2.71	23.39	0.2183	2
10M- 16QAM	37800	2575	22.36	2.71	22.92	0.1959	2
	38000	2595	22.42	2.71	22.98	0.1986	2
	38200	2615	21.95	2.71	22.51	0.1782	2

LTE Band 38							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
15M-QPSK	37825	2577.5	23.36	2.71	23.92	0.2466	2
	38000	2595	23.30	2.71	23.86	0.2432	2
	38175	2612.5	22.77	2.71	23.33	0.2153	2
15M- 16QAM	37825	2577.5	22.37	2.71	22.93	0.1963	2
	38000	2595	22.43	2.71	22.99	0.1991	2
	38175	2612.5	21.93	2.71	22.49	0.1774	2

LTE Band 38							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
20M-QPSK	37850	2580	23.38	2.71	23.94	0.2477	2
	38000	2595	23.34	2.71	23.90	0.2455	2
	38150	2610	22.85	2.71	23.41	0.2193	2
20M- 16QAM	37850	2580	22.42	2.71	22.98	0.1986	2
	38000	2595	22.47	2.71	23.03	0.2009	2
	38150	2610	22.02	2.71	22.58	0.1811	2

LTE Band 41							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
5M-QPSK	39675	2498.5	22.52	3.95	24.32	0.2704	2
	40620	2593	22.45	3.95	24.25	0.2661	2
	41565	2687.5	22.33	3.95	24.13	0.2588	2
5M- 16QAM	39675	2498.5	21.72	3.95	23.52	0.2249	2
	40620	2593	21.60	3.95	23.40	0.2188	2
	41565	2687.5	21.54	3.95	23.34	0.2158	2

LTE Band 41							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
10M-QPSK	39700	2501	22.51	3.95	24.31	0.2698	2
	40620	2593	22.50	3.95	24.30	0.2692	2
	41540	2685	22.38	3.95	24.18	0.2618	2
10M- 16QAM	39700	2501	21.76	3.95	23.56	0.2270	2
	40620	2593	21.65	3.95	23.45	0.2213	2
	41540	2685	21.53	3.95	23.33	0.2153	2

LTE Band 41							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
15M-QPSK	39725	2503.5	22.49	3.95	24.29	0.2685	2
	40620	2593	22.51	3.95	24.31	0.2698	2
	41515	2682.5	22.36	3.95	24.16	0.2606	2
15M- 16QAM	39725	2503.5	21.75	3.95	23.55	0.2265	2
	40620	2593	21.63	3.95	23.43	0.2203	2
	41515	2682.5	21.57	3.95	23.37	0.2173	2

LTE Band 41							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
20M-QPSK	39750	2506	22.55	3.95	24.35	0.2723	2
	40620	2593	22.55	3.95	24.35	0.2723	2
	41490	2680	22.43	3.95	24.23	0.2649	2
20M- 16QAM	39750	2506	21.77	3.95	23.57	0.2275	2
	40620	2593	21.65	3.95	23.45	0.2213	2
	41490	2680	21.61	3.95	23.41	0.2193	2

LTE Band 66							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
1.4M- QPSK	131979	1710.7	23.36	2.26	23.47	0.2223	1
	132322	1745	23.11	2.26	23.22	0.2099	1
	132665	1779.3	22.89	2.26	23.00	0.1995	1
1.4M- 16QAM	131979	1710.7	22.97	2.26	23.08	0.2032	1
	132322	1745	22.78	2.26	22.89	0.1945	1
	132665	1779.3	22.37	2.26	22.48	0.1770	1

LTE Band 66							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
3M-QPSK	131987	1711.5	23.37	2.26	23.48	0.2228	1
	132322	1745	23.15	2.26	23.26	0.2118	1
	132657	1778.5	22.89	2.26	23.00	0.1995	1
3M- 16QAM	131987	1711.5	22.69	2.26	22.80	0.1905	1
	132322	1745	22.46	2.26	22.57	0.1807	1
	132657	1778.5	22.11	2.26	22.22	0.1667	1

LTE Band 66							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
5M-QPSK	131997	1712.5	23.43	2.26	23.54	0.2259	1
	132322	1745	23.11	2.26	23.22	0.2099	1
	132647	1777.5	22.86	2.26	22.97	0.1982	1
5M- 16QAM	131997	1712.5	22.68	2.26	22.79	0.1901	1
	132322	1745	22.47	2.26	22.58	0.1811	1
	132647	1777.5	22.19	2.26	22.30	0.1698	1

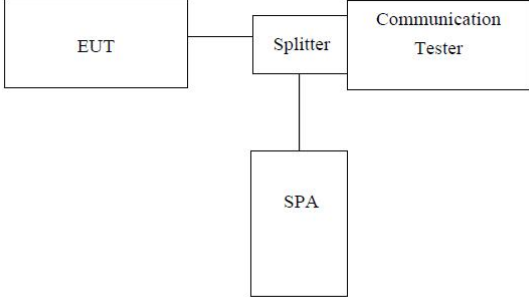
LTE Band 66							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
10M-QPSK	132022	1715	23.43	2.26	23.54	0.2259	1
	132322	1745	23.09	2.26	23.20	0.2089	1
	132622	1775	22.82	2.26	22.93	0.1963	1
10M- 16QAM	132022	1715	22.66	2.26	22.77	0.1892	1
	132322	1745	22.46	2.26	22.57	0.1807	1
	132622	1775	22.13	2.26	22.24	0.1675	1

LTE Band 66							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
15M-QPSK	132047	1717.5	23.44	2.26	23.55	0.2259	1
	132322	1745	23.05	2.26	23.16	0.2089	1
	132597	1772.5	22.78	2.26	22.89	0.1963	1
15M- 16QAM	132047	1717.5	22.70	2.26	22.81	0.1892	1
	132322	1745	22.41	2.26	22.52	0.1807	1
	132597	1772.5	22.18	2.26	22.29	0.1675	1

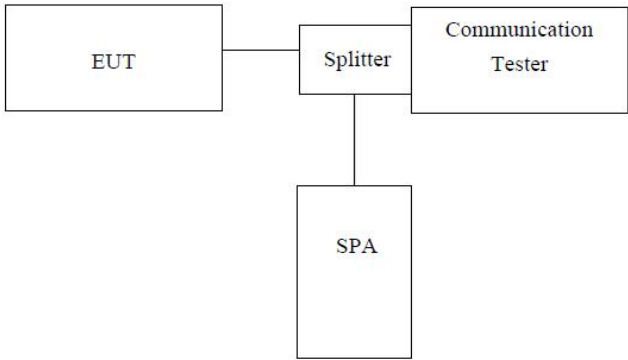
LTE Band 66							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
20M-QPSK	132072	1720	23.46	2.26	23.57	0.2275	1
	132322	1745	23.15	2.26	23.26	0.2118	1
	132572	1770	22.90	2.26	23.01	0.2000	1
20M- 16QAM	132072	1720	22.70	2.26	22.81	0.1910	1
	132322	1745	22.48	2.26	22.59	0.1816	1
	132572	1770	22.21	2.26	22.32	0.1706	1

Remarks: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB)

4.4 Peak-to-Average Ratio

Test Requirement:	Part 22.913(d), FCC part24.232(d) and FCC part27.50(d)(5)/(c)
Test Method:	ANSI C63.26:2015
Test Limit:	Used complementary cumulative distribution function (CCDF) of analyzer to determine that PAPR will not exceed 13 dB for more than 0.1 percent of the time
Test setup:	 <i>Note: Measurement setup for testing on Antenna connector</i>
Test Procedure:	1. The testing follows FCC KDB 971168 D01 v03r01 Section 5.7. 2. The EUT was connected to spectrum and system simulator via a power divider 3. Using the CCDF measurement of spectrum analyzer; 4. Set RBW≥OBW or specified reference bandwidth; 5. Set the number of counts to a value that stabilizes the measured CCDF curve; 6. Set the measurement interval as 1ms 7. Record the maximum PAPR level associated with a probability of 0.1%.
Test Instruments:	Refer to section 3 for details
Test mode:	Refer to section 4.1 for details
Test results:	Conducted measurement please refer to the certificate module FCC ID:2AJYU-8XS0001

4.5 Occupy Bandwidth

Test Requirement:	FCC part22.913(a), FCC part24.232(b) and FCC part27.53(a)
Test Method:	ANSI C63.26:2015
Test setup:	 <i>Note: Measurement setup for testing on Antenna connector</i>
Test Procedure:	1.The EUT's output RF connector was connected with a short cable to the spectrum analyzer, set center frequency to channel center frequency. 2.RBW was set to about 1%-5% of emission OBW, VBW$\geq$ 3 X RBW. 3.Set spectrum analyzer detection mode to peak, and the trace mode to max hold. 4. Use the 99% OBW function, The 99% power OBW can be found on the plot, determine the "-26dB amplitude" as equal to reference value -26dB.
Test Instruments:	Refer to section 3 for details
Test mode:	Refer to section 4.1 for details
Test results:	Conducted measurement please refer to the certificate module FCC ID:2AJYU-8XS0001

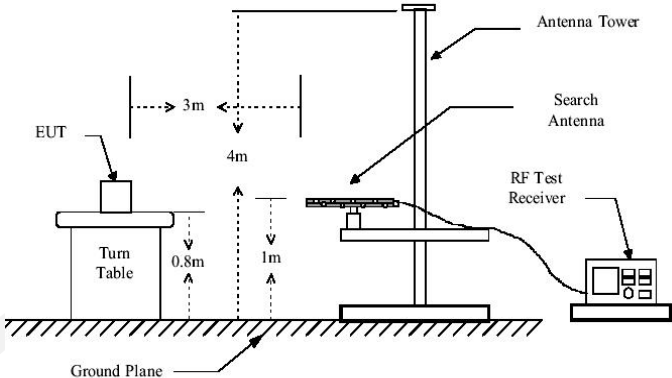
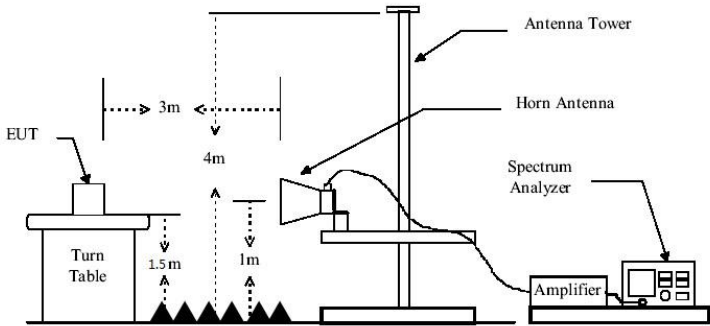
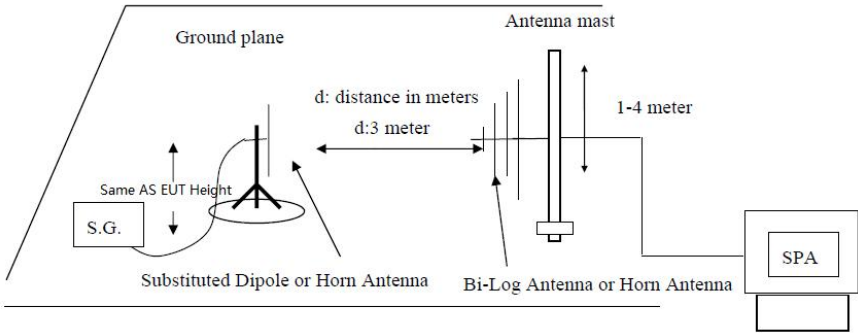
4.6 MODULATION CHARACTERISTIC

According to FCC § 2.1047(d), Part 24E & Part 27 there is no specific requirement for digital modulation, therefore modulation characteristic is not presented.

4.7 Out of band emission at antenna terminals

Test Requirement:	FCC part22.913(a), FCC part24.238(a), FCC part27.53(h)/(m)/(g)
Test Method:	ANSI C63.26:2015
Limit:	-13dBm Band 7/41: -25dBm
Test setup:	<pre> graph LR EUT[EUT] --- Splitter[Splitter] Splitter --- CT[Communication Tester] Splitter --- Filter[Filter] Filter --- SPA[SPA] </pre> <i>Note: Measurement setup for testing on Antenna connector</i>
Test Procedure:	1 The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation. 2 The resolution bandwidth of the spectrum analyzer was set at 1MHz, sufficient scans were taken to show the out of band Emissions if any up to 10th harmonic. 3 For the out of band: Set the RBW=1MHz, VBW = 3MHz, Start=30MHz, Stop= 10th harmonic. 4 Band Edge Requirements: In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 1 percent of the emission bandwidth of the fundamental emission of the transmitter may be employed to measure the out of band Emissions.
Test Instruments:	Refer to section 3 for details
Test mode:	Refer to section 4.1 for details
Test results:	Conducted measurement please refer to the certificate module FCC ID:2AJYU-8XS0001

4.8 Field strength of spurious radiation measurement

Test Requirement:	FCC part22.913(a), FCC part24.238(a), FCC part27.53(h)/(m)/(g)
Test Method:	ANSI C63.26:2015
Limit:	-13dBm ≤ -25dBm(LTE Band 7)
Test setup:	Below 1GHz  Above 1GHz  Substituted method: 

Test Procedure:	1. The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer. 2. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations. 3. The frequency range up to tenth harmonic was investigated for each of three fundamental frequency (low, middle and high channels). Once spurious emission was identified, the power of the emission was determined using the substitution method. 4. The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency. $\text{ERP / EIRP} = \text{S.G. output (dBm)} + \text{Antenna Gain(dB/dBi)} - \text{Cable Loss (dB)}$
Test Instruments:	Refer to section 3 for details
Test mode:	Refer to section 4.1 for details
Test results:	Pass

Measurement Data(Worst case):

QPSK Mode:

Test mode:		LTE Band 2(1.4MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
3860.10	Vertical	-28.33	-7.59	-35.92	-13.00	-22.92	Pass
5790.77	V	-39.62	-2.34	-41.96	-13.00	-28.96	Pass
7722.10	V	-43.30	0.91	-42.39	-13.00	-29.39	Pass
9654.84	V	-46.28	1.63	-44.65	-13.00	-31.65	Pass
11583.37	V	-47.82	2.96	-44.86	-13.00	-31.86	Pass
3862.33	Horizontal	-29.38	-7.59	-36.97	-13.00	-23.97	Pass
5790.74	H	-39.83	-2.34	-42.17	-13.00	-29.17	Pass
7721.98	H	-42.61	0.91	-41.70	-13.00	-28.70	Pass
9654.39	H	-46.23	1.63	-44.60	-13.00	-31.60	Pass
11583.82	H	-48.29	2.96	-45.33	-13.00	-32.33	Pass
Test mode:		LTE Band 2(1.4MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
3920.15	Vertical	-28.01	-7.55	-35.56	-13.00	-22.56	Pass
5879.07	V	-40.15	-2.30	-42.45	-13.00	-29.45	Pass
7841.48	V	-43.40	0.95	-42.45	-13.00	-29.45	Pass
9798.57	V	-46.46	1.67	-44.79	-13.00	-31.79	Pass
11758.84	V	-47.55	3.00	-44.55	-13.00	-31.55	Pass
3920.97	Horizontal	-29.19	-7.55	-36.74	-13.00	-23.74	Pass
5879.49	H	-39.86	-2.30	-42.16	-13.00	-29.16	Pass
7839.55	H	-42.75	0.95	-41.80	-13.00	-28.80	Pass
9799.43	H	-46.00	1.67	-44.33	-13.00	-31.33	Pass
11759.23	H	-47.62	3.00	-44.62	-13.00	-31.62	Pass
Test mode:		LTE Band 2(1.4MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
3977.22	Vertical	-28.70	-7.51	-36.21	-13.00	-23.21	Pass
5968.79	V	-39.97	-2.26	-42.23	-13.00	-29.23	Pass
7958.05	V	-43.05	0.99	-42.06	-13.00	-29.06	Pass
9947.63	V	-46.22	1.71	-44.51	-13.00	-31.51	Pass
11936.71	V	-47.52	3.04	-44.48	-13.00	-31.48	Pass
3977.15	Horizontal	-29.63	-7.51	-37.14	-13.00	-24.14	Pass
5969.15	H	-39.85	-2.26	-42.11	-13.00	-29.11	Pass
7957.24	H	-43.23	0.99	-42.24	-13.00	-29.24	Pass
9947.02	H	-46.46	1.71	-44.75	-13.00	-31.75	Pass
11935.63	H	-47.60	3.04	-44.56	-13.00	-31.56	Pass

Test mode:		LTE Band 4(1.4MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
4220.95	Vertical	-29.80	-6.50	-36.30	-13.00	-23.30	Pass
6330.76	V	-40.14	-1.14	-41.28	-13.00	-28.28	Pass
8443.72	V	-43.25	1.21	-42.04	-13.00	-29.04	Pass
10553.32	V	-45.90	2.34	-43.56	-13.00	-30.56	Pass
12665.19	V	-47.79	3.74	-44.05	-13.00	-31.05	Pass
4221.19	Horizontal	-30.16	-6.50	-36.66	-13.00	-23.66	Pass
6331.18	H	-39.56	-1.14	-40.70	-13.00	-27.70	Pass
8443.94	H	-43.48	1.21	-42.27	-13.00	-29.27	Pass
10554.64	H	-45.60	2.34	-43.26	-13.00	-30.26	Pass
12663.78	H	-47.88	3.74	-44.14	-13.00	-31.14	Pass
Test mode:		LTE Band 4(1.4MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
4264.25	Vertical	-29.69	-6.46	-36.15	-13.00	-23.15	Pass
6397.62	V	-40.34	-1.10	-41.44	-13.00	-28.44	Pass
8531.50	V	-43.37	1.25	-42.12	-13.00	-29.12	Pass
10661.82	V	-46.15	2.38	-43.77	-13.00	-30.77	Pass
12795.58	V	-48.45	3.78	-44.67	-13.00	-31.67	Pass
4264.41	Horizontal	-30.72	-6.46	-37.18	-13.00	-24.18	Pass
6396.93	H	-40.08	-1.10	-41.18	-13.00	-28.18	Pass
8529.66	H	-43.26	1.25	-42.01	-13.00	-29.01	Pass
10663.95	H	-45.69	2.38	-43.31	-13.00	-30.31	Pass
12794.86	H	-47.50	3.78	-43.72	-13.00	-30.72	Pass
Test mode:		LTE Band 4(1.4MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
4307.16	Vertical	-29.09	-6.42	-35.51	-13.00	-22.51	Pass
6463.38	V	-39.62	-1.06	-40.68	-13.00	-27.68	Pass
8616.87	V	-43.39	1.29	-42.10	-13.00	-29.10	Pass
10770.26	V	-46.28	2.42	-43.86	-13.00	-30.86	Pass
12927.00	V	-47.91	3.82	-44.09	-13.00	-31.09	Pass
4308.85	Horizontal	-30.06	-6.42	-36.48	-13.00	-23.48	Pass
6464.34	H	-40.19	-1.06	-41.25	-13.00	-28.25	Pass
8616.53	H	-43.34	1.29	-42.05	-13.00	-29.05	Pass
10771.60	H	-45.98	2.42	-43.56	-13.00	-30.56	Pass
12925.28	H	-48.43	3.82	-44.61	-13.00	-31.61	Pass

Test mode:		LTE Band 5(1.4MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1740.89	Vertical	-20.07	-13.75	-33.82	-13.00	-20.82	Pass
2610.43	V	-33.17	-11.36	-44.53	-13.00	-31.53	Pass
3478.04	V	-36.14	-8.71	-44.85	-13.00	-31.85	Pass
4348.75	V	-38.68	-6.09	-44.77	-13.00	-31.77	Pass
5219.14	V	-40.94	-3.56	-44.50	-13.00	-31.50	Pass
1740.07	Horizontal	-23.81	-13.75	-37.56	-13.00	-24.56	Pass
2608.28	H	-33.17	-11.36	-44.53	-13.00	-31.53	Pass
3478.16	H	-36.21	-8.71	-44.92	-13.00	-31.92	Pass
4348.40	H	-39.05	-6.09	-45.14	-13.00	-32.14	Pass
5217.45	H	-40.99	-3.56	-44.55	-13.00	-31.55	Pass
Test mode:		LTE Band 5(1.4MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1762.23	Vertical	-20.97	-13.71	-34.68	-13.00	-21.68	Pass
2643.57	V	-33.08	-11.32	-44.40	-13.00	-31.40	Pass
3527.11	V	-36.40	-8.67	-45.07	-13.00	-32.07	Pass
4408.77	V	-39.23	-6.05	-45.28	-13.00	-32.28	Pass
5288.14	V	-41.32	-3.52	-44.84	-13.00	-31.84	Pass
1764.28	Horizontal	-23.39	-13.71	-37.10	-13.00	-24.10	Pass
2643.81	H	-32.62	-11.32	-43.94	-13.00	-30.94	Pass
3527.40	H	-36.05	-8.67	-44.72	-13.00	-31.72	Pass
4406.94	H	-39.14	-6.05	-45.19	-13.00	-32.19	Pass
5289.85	H	-40.99	-3.52	-44.51	-13.00	-31.51	Pass
Test mode:		LTE Band 5(1.4MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1787.10	Vertical	-20.64	-13.67	-34.31	-13.00	-21.31	Pass
2680.12	V	-33.18	-11.28	-44.46	-13.00	-31.46	Pass
3572.75	V	-36.32	-8.63	-44.95	-13.00	-31.95	Pass
4466.74	V	-39.12	-6.01	-45.13	-13.00	-32.13	Pass
5358.58	V	-41.41	-3.48	-44.89	-13.00	-31.89	Pass
1786.67	Horizontal	-23.66	-13.67	-37.33	-13.00	-24.33	Pass
2681.07	H	-32.94	-11.28	-44.22	-13.00	-31.22	Pass
3573.96	H	-35.73	-8.63	-44.36	-13.00	-31.36	Pass
4465.86	H	-38.96	-6.01	-44.97	-13.00	-31.97	Pass
5360.67	H	-41.12	-3.48	-44.60	-13.00	-31.60	Pass

Test mode:		LTE Band 7(5MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5246.42	Vertical	-32.94	-3.50	-36.44	-25.00	-11.44	Pass
7866.51	V	-43.40	1.01	-42.39	-25.00	-17.39	Pass
10490.47	V	-45.80	2.20	-43.60	-25.00	-18.60	Pass
13113.72	V	-49.29	3.92	-45.37	-25.00	-20.37	Pass
15734.88	V	-50.99	4.25	-46.74	-25.00	-21.74	Pass
5243.90	Horizontal	-33.47	-3.50	-36.97	-25.00	-11.97	Pass
7866.29	H	-43.17	1.01	-42.16	-25.00	-17.16	Pass
10488.89	H	-45.65	2.20	-43.45	-25.00	-18.45	Pass
13112.87	H	-48.65	3.92	-44.73	-25.00	-19.73	Pass
15734.99	H	-50.74	4.25	-46.49	-25.00	-21.49	Pass
Test mode:		LTE Band 7(5MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5309.69	Vertical	-32.61	-3.46	-36.07	-25.00	-11.07	Pass
7965.29	V	-42.69	1.05	-41.64	-25.00	-16.64	Pass
10621.31	V	-45.56	2.24	-43.32	-25.00	-18.32	Pass
13275.22	V	-48.52	3.96	-44.56	-25.00	-19.56	Pass
15931.22	V	-50.89	4.29	-46.60	-25.00	-21.60	Pass
5311.03	Horizontal	-33.99	-3.46	-37.45	-25.00	-12.45	Pass
7965.91	H	-42.53	1.05	-41.48	-25.00	-16.48	Pass
10619.29	H	-45.95	2.24	-43.71	-25.00	-18.71	Pass
13275.60	H	-49.46	3.96	-45.50	-25.00	-20.50	Pass
15929.14	H	-51.46	4.29	-47.17	-25.00	-22.17	Pass
Test mode:		LTE Band 7(5MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5374.25	Vertical	-32.78	-3.42	-36.20	-25.00	-11.20	Pass
8062.22	V	-43.19	1.09	-42.10	-25.00	-17.10	Pass
10751.12	V	-45.95	2.28	-43.67	-25.00	-18.67	Pass
13438.60	V	-48.72	4.00	-44.72	-25.00	-19.72	Pass
16125.20	V	-50.67	4.33	-46.34	-25.00	-21.34	Pass
5375.39	Horizontal	-33.82	-3.42	-37.24	-25.00	-12.24	Pass
8061.81	H	-42.54	1.09	-41.45	-25.00	-16.45	Pass
10749.22	H	-46.28	2.28	-44.00	-25.00	-19.00	Pass
13436.65	H	-48.98	4.00	-44.98	-25.00	-19.98	Pass
16123.80	H	-50.91	4.33	-46.58	-25.00	-21.58	Pass

Test mode:		LTE Band 12(1.4MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1459.59	Vertical	-20.91	-14.22	-35.13	-13.00	-22.13	Pass
2188.85	V	-30.64	-12.72	-43.36	-13.00	-30.36	Pass
2919.09	V	-33.97	-10.35	-44.32	-13.00	-31.32	Pass
3647.48	V	-37.10	-8.21	-45.31	-13.00	-32.31	Pass
4378.06	V	-39.00	-5.99	-44.99	-13.00	-31.99	Pass
1458.44	Horizontal	-21.91	-14.22	-36.13	-13.00	-23.13	Pass
2188.03	H	-30.82	-12.72	-43.54	-13.00	-30.54	Pass
2919.09	H	-33.51	-10.35	-43.86	-13.00	-30.86	Pass
3649.12	H	-37.06	-8.21	-45.27	-13.00	-32.27	Pass
4377.21	H	-38.67	-5.99	-44.66	-13.00	-31.66	Pass
Test mode:		LTE Band 12(1.4MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1474.33	Vertical	-20.25	-14.18	-34.43	-13.00	-21.43	Pass
2213.83	V	-30.58	-12.68	-43.26	-13.00	-30.26	Pass
2950.38	V	-33.71	-10.31	-44.02	-13.00	-31.02	Pass
3688.83	V	-37.33	-8.17	-45.50	-13.00	-32.50	Pass
4424.15	V	-38.68	-5.95	-44.63	-13.00	-31.63	Pass
1473.88	Horizontal	-21.57	-14.18	-35.75	-13.00	-22.75	Pass
2212.47	H	-30.72	-12.68	-43.40	-13.00	-30.40	Pass
2950.69	H	-33.57	-10.31	-43.88	-13.00	-30.88	Pass
3688.82	H	-37.27	-8.17	-45.44	-13.00	-32.44	Pass
4424.13	H	-38.51	-5.95	-44.46	-13.00	-31.46	Pass
Test mode:		LTE Band 12(1.4MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1491.84	Vertical	-20.41	-14.14	-34.55	-13.00	-21.55	Pass
2234.82	V	-30.51	-12.64	-43.15	-13.00	-30.15	Pass
2981.30	V	-33.96	-10.27	-44.23	-13.00	-31.23	Pass
3725.83	V	-37.23	-8.13	-45.36	-13.00	-32.36	Pass
4470.89	V	-38.83	-5.91	-44.74	-13.00	-31.74	Pass
1491.70	Horizontal	-21.57	-14.14	-35.71	-13.00	-22.71	Pass
2236.30	H	-30.91	-12.64	-43.55	-13.00	-30.55	Pass
2981.04	H	-34.43	-10.27	-44.70	-13.00	-31.70	Pass
3725.14	H	-36.50	-8.13	-44.63	-13.00	-31.63	Pass
4473.04	H	-39.17	-5.91	-45.08	-13.00	-32.08	Pass

Test mode:		LTE Band 13(5MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1498.29	Vertical	-21.16	-14.15	-35.31	-13.00	-22.31	Pass
2244.38	V	-31.95	-15.53	-47.48	-13.00	-34.48	Pass
2993.56	V	-34.69	-10.11	-44.80	-13.00	-31.80	Pass
3741.11	V	-37.64	-7.94	-45.58	-13.00	-32.58	Pass
4489.88	V	-39.54	-5.64	-45.18	-13.00	-32.18	Pass
1497.35	Horizontal	-22.44	-14.15	-36.59	-13.00	-23.59	Pass
2244.60	H	-31.85	-15.53	-47.38	-13.00	-34.38	Pass
2994.72	H	-35.32	-10.11	-45.43	-13.00	-32.43	Pass
3742.31	H	-38.24	-7.94	-46.18	-13.00	-33.18	Pass
4490.67	H	-39.75	-5.64	-45.39	-13.00	-32.39	Pass
Test mode:		LTE Band 13(5MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1502.68	Vertical	-21.83	-14.11	-35.94	-13.00	-22.94	Pass
2253.10	V	-32.29	-15.49	-47.78	-13.00	-34.78	Pass
3005.14	V	-35.28	-10.07	-45.35	-13.00	-32.35	Pass
3756.45	V	-37.51	-7.90	-45.41	-13.00	-32.41	Pass
4506.19	V	-40.32	-5.60	-45.92	-13.00	-32.92	Pass
1501.34	Horizontal	-22.94	-14.11	-37.05	-13.00	-24.05	Pass
2253.74	H	-31.70	-15.49	-47.19	-13.00	-34.19	Pass
3003.13	H	-35.09	-10.07	-45.16	-13.00	-32.16	Pass
3756.35	H	-37.51	-7.90	-45.41	-13.00	-32.41	Pass
4505.05	H	-40.26	-5.60	-45.86	-13.00	-32.86	Pass
Test mode:		LTE Band 13(5MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1508.26	Vertical	-21.35	-14.07	-35.42	-13.00	-22.42	Pass
2261.39	V	-31.59	-15.45	-47.04	-13.00	-34.04	Pass
3015.16	V	-35.36	-10.03	-45.39	-13.00	-32.39	Pass
3767.42	V	-38.50	-7.86	-46.36	-13.00	-33.36	Pass
4521.06	V	-40.36	-5.56	-45.92	-13.00	-32.92	Pass
1508.01	Horizontal	-22.33	-14.07	-36.40	-13.00	-23.40	Pass
2259.83	H	-32.05	-15.45	-47.50	-13.00	-34.50	Pass
3014.32	H	-35.09	-10.03	-45.12	-13.00	-32.12	Pass
3766.16	H	-38.18	-7.86	-46.04	-13.00	-33.04	Pass
4521.12	H	-40.25	-5.56	-45.81	-13.00	-32.81	Pass

Test mode:		LTE Band 25(1.4MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
3860.72	Vertical	-28.14	-7.59	-35.73	-13.00	-22.73	Pass
5793.08	V	-38.63	-2.34	-40.97	-13.00	-27.97	Pass
7721.86	V	-42.34	0.91	-41.43	-13.00	-28.43	Pass
9652.16	V	-45.47	1.63	-43.84	-13.00	-30.84	Pass
11584.52	V	-46.63	2.96	-43.67	-13.00	-30.67	Pass
3861.13	Horizontal	-29.76	-7.59	-37.35	-13.00	-24.35	Pass
5792.13	H	-39.29	-2.34	-41.63	-13.00	-28.63	Pass
7722.52	H	-41.99	0.91	-41.08	-13.00	-28.08	Pass
9652.59	H	-44.94	1.63	-43.31	-13.00	-30.31	Pass
11585.18	H	-47.21	2.96	-44.25	-13.00	-31.25	Pass
Test mode:		LTE Band 25(1.4MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
3925.33	Vertical	-21.98	-7.55	-29.53	-13.00	-16.53	Pass
5886.90	V	-31.86	-2.30	-34.16	-13.00	-21.16	Pass
7850.97	V	-35.24	0.95	-34.29	-13.00	-21.29	Pass
9811.84	V	-37.85	1.67	-36.18	-13.00	-23.18	Pass
11775.65	V	-40.43	3.00	-37.43	-13.00	-24.43	Pass
3924.37	Horizontal	-22.83	-7.55	-30.38	-13.00	-17.38	Pass
5888.20	H	-32.45	-2.30	-34.75	-13.00	-21.75	Pass
7849.86	H	-35.13	0.95	-34.18	-13.00	-21.18	Pass
9813.60	H	-37.78	1.67	-36.11	-13.00	-23.11	Pass
11774.29	H	-39.99	3.00	-36.99	-13.00	-23.99	Pass
Test mode:		LTE Band 25(1.4MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
3989.64	Vertical	-21.17	-7.51	-28.68	-13.00	-15.68	Pass
5981.62	V	-31.70	-2.26	-33.96	-13.00	-20.96	Pass
7978.65	V	-35.00	0.99	-34.01	-13.00	-21.01	Pass
9970.75	V	-38.12	1.71	-36.41	-13.00	-23.41	Pass
11966.56	V	-39.75	3.04	-36.71	-13.00	-23.71	Pass
3988.03	Horizontal	-22.91	-7.51	-30.42	-13.00	-17.42	Pass
5981.75	H	-31.60	-2.26	-33.86	-13.00	-20.86	Pass
7976.82	H	-35.23	0.99	-34.24	-13.00	-21.24	Pass
9970.88	H	-38.45	1.71	-36.74	-13.00	-23.74	Pass
11967.03	H	-40.45	3.04	-37.41	-13.00	-24.41	Pass

Test mode:		LTE Band 26(1.4MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1648.92	Vertical	-23.05	-13.90	-36.95	-13.00	-23.95	Pass
2472.56	V	-34.17	-11.80	-45.97	-13.00	-32.97	Pass
3296.84	V	-37.31	-9.23	-46.54	-13.00	-33.54	Pass
4120.90	V	-40.43	-6.81	-47.24	-13.00	-34.24	Pass
4945.36	V	-42.30	-4.18	-46.48	-13.00	-33.48	Pass
1648.30	Horizontal	-24.51	-13.90	-38.41	-13.00	-25.41	Pass
2472.62	H	-34.15	-11.80	-45.95	-13.00	-32.95	Pass
3295.83	H	-36.57	-9.23	-45.80	-13.00	-32.80	Pass
4121.64	H	-40.37	-6.81	-47.18	-13.00	-34.18	Pass
4944.01	H	-41.90	-4.18	-46.08	-13.00	-33.08	Pass
Test mode:		LTE Band 26(1.4MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1673.16	Vertical	-23.40	-13.86	-37.26	-13.00	-24.26	Pass
2510.95	V	-34.04	-11.76	-45.80	-13.00	-32.80	Pass
3346.01	V	-36.50	-9.19	-45.69	-13.00	-32.69	Pass
4182.49	V	-39.95	-6.77	-46.72	-13.00	-33.72	Pass
5018.98	V	-42.31	-4.14	-46.45	-13.00	-33.45	Pass
1674.30	Horizontal	-24.29	-13.86	-38.15	-13.00	-25.15	Pass
2509.15	H	-34.30	-11.76	-46.06	-13.00	-33.06	Pass
3347.20	H	-37.27	-9.19	-46.46	-13.00	-33.46	Pass
4183.26	H	-39.99	-6.77	-46.76	-13.00	-33.76	Pass
5018.31	H	-42.05	-4.14	-46.19	-13.00	-33.19	Pass
Test mode:		LTE Band 26(1.4MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1696.31	Vertical	-23.48	-13.82	-37.30	-13.00	-24.30	Pass
2547.16	V	-34.49	-11.72	-46.21	-13.00	-33.21	Pass
3395.51	V	-37.39	-9.15	-46.54	-13.00	-33.54	Pass
4245.11	V	-39.55	-6.73	-46.28	-13.00	-33.28	Pass
5092.87	V	-42.14	-4.10	-46.24	-13.00	-33.24	Pass
1696.34	Horizontal	-24.17	-13.82	-37.99	-13.00	-24.99	Pass
2547.11	H	-34.23	-11.72	-45.95	-13.00	-32.95	Pass
3396.32	H	-36.84	-9.15	-45.99	-13.00	-32.99	Pass
4244.77	H	-39.63	-6.73	-46.36	-13.00	-33.36	Pass
5094.63	H	-42.18	-4.10	-46.28	-13.00	-33.28	Pass

Test mode:		LTE Band 38(5MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5146.24	Vertical	-32.97	-3.72	-36.69	-25.00	-11.69	Pass
7718.97	V	-42.91	0.91	-42.00	-25.00	-17.00	Pass
10289.09	V	-46.32	2.08	-44.24	-25.00	-19.24	Pass
12861.13	V	-48.99	3.92	-45.07	-25.00	-20.07	Pass
15435.88	V	-51.14	4.56	-46.58	-25.00	-21.58	Pass
5144.97	Horizontal	-33.90	-3.72	-37.62	-25.00	-12.62	Pass
7716.21	H	-42.66	0.91	-41.75	-25.00	-16.75	Pass
10289.56	H	-45.99	2.08	-43.91	-25.00	-18.91	Pass
12863.90	H	-49.26	3.92	-45.34	-25.00	-20.34	Pass
15435.04	H	-51.34	4.56	-46.78	-25.00	-21.78	Pass
Test mode:		LTE Band 38(5MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5191.08	Vertical	-32.64	-3.68	-36.32	-25.00	-11.32	Pass
7785.51	V	-43.32	0.95	-42.37	-25.00	-17.37	Pass
10380.23	V	-45.85	2.12	-43.73	-25.00	-18.73	Pass
12975.68	V	-48.87	3.96	-44.91	-25.00	-19.91	Pass
15570.71	V	-51.33	4.60	-46.73	-25.00	-21.73	Pass
5189.35	Horizontal	-33.55	-3.68	-37.23	-25.00	-12.23	Pass
7785.93	H	-42.89	0.95	-41.94	-25.00	-16.94	Pass
10381.12	H	-46.40	2.12	-44.28	-25.00	-19.28	Pass
12974.68	H	-48.55	3.96	-44.59	-25.00	-19.59	Pass
15569.24	H	-50.73	4.60	-46.13	-25.00	-21.13	Pass
Test mode:		LTE Band 38(5MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5234.91	Vertical	-32.76	-3.64	-36.40	-25.00	-11.40	Pass
7852.23	V	-43.08	0.99	-42.09	-25.00	-17.09	Pass
10469.92	V	-46.25	2.16	-44.09	-25.00	-19.09	Pass
13088.90	V	-48.85	4.00	-44.85	-25.00	-19.85	Pass
15703.73	V	-50.91	4.64	-46.27	-25.00	-21.27	Pass
5235.49	Horizontal	-33.26	-3.64	-36.90	-25.00	-11.90	Pass
7852.16	H	-42.91	0.99	-41.92	-25.00	-16.92	Pass
10469.24	H	-45.69	2.16	-43.53	-25.00	-18.53	Pass
13086.49	H	-49.15	4.00	-45.15	-25.00	-20.15	Pass
15704.85	H	-50.63	4.64	-45.99	-25.00	-20.99	Pass

Test mode:		LTE Band 41(5MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5003.53	Vertical	-32.99	-4.01	-37.00	-25.00	-12.00	Pass
7506.75	V	-43.25	0.77	-42.48	-25.00	-17.48	Pass
10009.21	V	-46.28	1.80	-44.48	-25.00	-19.48	Pass
12512.23	V	-48.78	3.60	-45.18	-25.00	-20.18	Pass
15015.27	V	-51.14	4.46	-46.68	-25.00	-21.68	Pass
5005.29	Horizontal	-33.89	-3.72	-37.61	-25.00	-12.61	Pass
7506.70	H	-42.61	0.91	-41.70	-25.00	-16.70	Pass
10010.53	H	-45.81	2.08	-43.73	-25.00	-18.73	Pass
12511.51	H	-49.42	3.92	-45.50	-25.00	-20.50	Pass
15016.33	H	-50.56	4.56	-46.00	-25.00	-21.00	Pass
Test mode:		LTE Band 41(5MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5190.54	Vertical	-32.88	-3.97	-36.85	-25.00	-11.85	Pass
7785.60	V	-42.77	0.81	-41.96	-25.00	-16.96	Pass
10380.79	V	-45.52	1.84	-43.68	-25.00	-18.68	Pass
12975.27	V	-48.95	3.64	-45.31	-25.00	-20.31	Pass
15569.17	V	-51.14	4.50	-46.64	-25.00	-21.64	Pass
5190.71	Horizontal	-33.72	-3.68	-37.40	-25.00	-12.40	Pass
7785.68	H	-43.32	0.95	-42.37	-25.00	-17.37	Pass
10379.12	H	-46.07	2.12	-43.95	-25.00	-18.95	Pass
12976.13	H	-49.45	3.96	-45.49	-25.00	-20.49	Pass
15571.19	H	-51.22	4.60	-46.62	-25.00	-21.62	Pass
Test mode:		LTE Band 41(5MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5375.33	Vertical	-32.11	-3.93	-36.04	-25.00	-11.04	Pass
8063.62	V	-43.41	0.85	-42.56	-25.00	-17.56	Pass
10750.19	V	-46.26	1.88	-44.38	-25.00	-19.38	Pass
13437.41	V	-49.01	3.68	-45.33	-25.00	-20.33	Pass
16124.25	V	-50.62	4.54	-46.08	-25.00	-21.08	Pass
5374.09	Horizontal	-33.03	-3.64	-36.67	-25.00	-11.67	Pass
8063.97	H	-42.98	0.99	-41.99	-25.00	-16.99	Pass
10750.71	H	-45.90	2.16	-43.74	-25.00	-18.74	Pass
13437.41	H	-49.12	4.00	-45.12	-25.00	-20.12	Pass
16124.41	H	-50.85	4.64	-46.21	-25.00	-21.21	Pass

Test mode:		LTE Band 66(1.4MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
4220.55	Vertical	-29.71	-6.50	-36.21	-13.00	-23.21	Pass
6331.59	V	-40.88	-1.13	-42.01	-13.00	-29.01	Pass
8443.87	V	-43.40	1.22	-42.18	-13.00	-29.18	Pass
10554.99	V	-46.76	2.34	-44.42	-13.00	-31.42	Pass
12663.77	V	-48.45	3.74	-44.71	-13.00	-31.71	Pass
4220.69	Horizontal	-30.72	-6.50	-37.22	-13.00	-24.22	Pass
6330.62	H	-40.49	-1.13	-41.62	-13.00	-28.62	Pass
8441.55	H	-43.59	1.22	-42.37	-13.00	-29.37	Pass
10553.12	H	-46.94	2.34	-44.60	-13.00	-31.60	Pass
12663.01	H	-48.55	3.74	-44.81	-13.00	-31.81	Pass
Test mode:		LTE Band 66(1.4MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
4265.83	Vertical	-30.01	-6.46	-36.47	-13.00	-23.47	Pass
6396.28	V	-40.77	-1.09	-41.86	-13.00	-28.86	Pass
8530.32	V	-43.40	1.26	-42.14	-13.00	-29.14	Pass
10661.30	V	-46.69	2.38	-44.31	-13.00	-31.31	Pass
12795.61	V	-48.00	3.78	-44.22	-13.00	-31.22	Pass
4266.49	Horizontal	-31.25	-6.46	-37.71	-13.00	-24.71	Pass
6397.63	H	-40.45	-1.09	-41.54	-13.00	-28.54	Pass
8529.12	H	-43.29	1.26	-42.03	-13.00	-29.03	Pass
10661.52	H	-46.75	2.38	-44.37	-13.00	-31.37	Pass
12793.97	H	-48.98	3.78	-45.20	-13.00	-32.20	Pass
Test mode:		LTE Band 66(1.4MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
4307.53	Vertical	-29.86	-6.42	-36.28	-13.00	-23.28	Pass
6462.31	V	-40.48	-1.05	-41.53	-13.00	-28.53	Pass
8618.48	V	-43.93	1.30	-42.63	-13.00	-29.63	Pass
10772.15	V	-46.34	2.42	-43.92	-13.00	-30.92	Pass
12926.42	V	-48.88	3.82	-45.06	-13.00	-32.06	Pass
4310.08	Horizontal	-31.22	-6.42	-37.64	-13.00	-24.64	Pass
6463.46	H	-40.50	-1.05	-41.55	-13.00	-28.55	Pass
8616.97	H	-43.29	1.30	-41.99	-13.00	-28.99	Pass
10770.27	H	-46.77	2.42	-44.35	-13.00	-31.35	Pass
12926.34	H	-48.22	3.82	-44.40	-13.00	-31.40	Pass

Remark :

1. The emission behaviour belongs to narrowband spurious emission.
2. The emission levels of below 1 GHz are very lower than the limit and not show in test report.
3. Level (dBm)= Reading (dBm)+ Factor (dB).
Margin (dB)= Limit (dBm)-Level (dBm)
Factor(dB)= cable loss(dB)+ Preamplifier(dB)+ Antenna gain(dBi)

Measurement Data(Worst case):

16 QAM Mode:

Test mode:		LTE Band 2(1.4MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
3860.10	Vertical	-28.89	-7.59	-36.48	-13.00	-23.48	Pass
5793.53	V	-40.04	-2.34	-42.38	-13.00	-29.38	Pass
7723.89	V	-43.35	0.91	-42.44	-13.00	-29.44	Pass
9652.63	V	-45.99	1.63	-44.36	-13.00	-31.36	Pass
11583.31	V	-48.35	2.96	-45.39	-13.00	-32.39	Pass
3861.66	Horizontal	-29.12	-7.59	-36.71	-13.00	-23.71	Pass
5790.98	H	-40.37	-2.34	-42.71	-13.00	-29.71	Pass
7722.86	H	-43.16	0.91	-42.25	-13.00	-29.25	Pass
9654.44	H	-46.03	1.63	-44.40	-13.00	-31.40	Pass
11585.28	H	-47.78	2.96	-44.82	-13.00	-31.82	Pass
Test mode:		LTE Band 2(1.4MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
3919.66	Vertical	-28.43	-7.55	-35.98	-13.00	-22.98	Pass
5879.70	V	-40.40	-2.30	-42.70	-13.00	-29.70	Pass
7841.39	V	-42.75	0.95	-41.80	-13.00	-28.80	Pass
9799.52	V	-46.46	1.67	-44.79	-13.00	-31.79	Pass
11759.93	V	-48.09	3.00	-45.09	-13.00	-32.09	Pass
3920.85	Horizontal	-29.13	-7.55	-36.68	-13.00	-23.68	Pass
5879.03	H	-39.50	-2.30	-41.80	-13.00	-28.80	Pass
7839.53	H	-42.65	0.95	-41.70	-13.00	-28.70	Pass
9798.88	H	-46.46	1.67	-44.79	-13.00	-31.79	Pass
11761.16	H	-47.67	3.00	-44.67	-13.00	-31.67	Pass
Test mode:		LTE Band 2(1.4MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
3977.80	Vertical	-28.83	-7.51	-36.34	-13.00	-23.34	Pass
5966.88	V	-40.26	-2.26	-42.52	-13.00	-29.52	Pass
7957.15	V	-42.94	0.99	-41.95	-13.00	-28.95	Pass
9945.04	V	-46.10	1.71	-44.39	-13.00	-31.39	Pass
11934.78	V	-47.69	3.04	-44.65	-13.00	-31.65	Pass
3977.10	Horizontal	-29.47	-7.51	-36.98	-13.00	-23.98	Pass
5968.03	H	-40.11	-2.26	-42.37	-13.00	-29.37	Pass
7958.43	H	-42.85	0.99	-41.86	-13.00	-28.86	Pass
9947.39	H	-46.02	1.71	-44.31	-13.00	-31.31	Pass
11936.31	H	-48.33	3.04	-45.29	-13.00	-32.29	Pass

Test mode:		LTE Band 4(1.4MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
4220.04	Vertical	-29.76	-6.50	-36.26	-13.00	-23.26	Pass
6332.09	V	-40.33	-1.14	-41.47	-13.00	-28.47	Pass
8442.47	V	-43.10	1.21	-41.89	-13.00	-28.89	Pass
10554.97	V	-45.77	2.34	-43.43	-13.00	-30.43	Pass
12663.82	V	-47.72	3.74	-43.98	-13.00	-30.98	Pass
4220.34	Horizontal	-30.42	-6.50	-36.92	-13.00	-23.92	Pass
6331.80	H	-39.68	-1.14	-40.82	-13.00	-27.82	Pass
8444.02	H	-42.63	1.21	-41.42	-13.00	-28.42	Pass
10552.20	H	-45.64	2.34	-43.30	-13.00	-30.30	Pass
12664.81	H	-47.53	3.74	-43.79	-13.00	-30.79	Pass
Test mode:		LTE Band 4(1.4MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
4264.72	Vertical	-29.39	-6.46	-35.85	-13.00	-22.85	Pass
6398.84	V	-39.66	-1.10	-40.76	-13.00	-27.76	Pass
8528.94	V	-43.13	1.25	-41.88	-13.00	-28.88	Pass
10661.34	V	-46.10	2.38	-43.72	-13.00	-30.72	Pass
12795.45	V	-48.48	3.78	-44.70	-13.00	-31.70	Pass
4265.85	Horizontal	-30.13	-6.46	-36.59	-13.00	-23.59	Pass
6397.79	H	-40.09	-1.10	-41.19	-13.00	-28.19	Pass
8529.11	H	-42.80	1.25	-41.55	-13.00	-28.55	Pass
10663.87	H	-45.77	2.38	-43.39	-13.00	-30.39	Pass
12795.11	H	-48.32	3.78	-44.54	-13.00	-31.54	Pass
Test mode:		LTE Band 4(1.4MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
4309.41	Vertical	-29.03	-6.42	-35.45	-13.00	-22.45	Pass
6461.68	V	-39.83	-1.06	-40.89	-13.00	-27.89	Pass
8616.67	V	-42.88	1.29	-41.59	-13.00	-28.59	Pass
10770.50	V	-46.17	2.42	-43.75	-13.00	-30.75	Pass
12926.97	V	-48.10	3.82	-44.28	-13.00	-31.28	Pass
4308.77	Horizontal	-30.76	-6.42	-37.18	-13.00	-24.18	Pass
6463.83	H	-39.55	-1.06	-40.61	-13.00	-27.61	Pass
8615.76	H	-42.61	1.29	-41.32	-13.00	-28.32	Pass
10772.30	H	-45.99	2.42	-43.57	-13.00	-30.57	Pass
12925.38	H	-48.02	3.82	-44.20	-13.00	-31.20	Pass

Test mode:		LTE Band 5(1.4MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1739.47	Vertical	-20.82	-13.75	-34.57	-13.00	-21.57	Pass
2610.54	V	-33.41	-11.36	-44.77	-13.00	-31.77	Pass
3478.61	V	-36.26	-8.71	-44.97	-13.00	-31.97	Pass
4349.01	V	-39.38	-6.09	-45.47	-13.00	-32.47	Pass
5218.47	V	-40.73	-3.56	-44.29	-13.00	-31.29	Pass
1738.08	Horizontal	-23.97	-13.75	-37.72	-13.00	-24.72	Pass
2609.64	H	-33.08	-11.36	-44.44	-13.00	-31.44	Pass
3478.20	H	-36.41	-8.71	-45.12	-13.00	-32.12	Pass
4347.06	H	-38.64	-6.09	-44.73	-13.00	-31.73	Pass
5218.21	H	-41.27	-3.56	-44.83	-13.00	-31.83	Pass
Test mode:		LTE Band 5(1.4MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1763.60	Vertical	-20.12	-13.71	-33.83	-13.00	-20.83	Pass
2645.48	V	-33.07	-11.32	-44.39	-13.00	-31.39	Pass
3526.98	V	-35.69	-8.67	-44.36	-13.00	-31.36	Pass
4407.08	V	-38.66	-6.05	-44.71	-13.00	-31.71	Pass
5289.63	V	-40.94	-3.52	-44.46	-13.00	-31.46	Pass
1762.37	Horizontal	-23.37	-13.71	-37.08	-13.00	-24.08	Pass
2643.24	H	-32.51	-11.32	-43.83	-13.00	-30.83	Pass
3526.43	H	-36.06	-8.67	-44.73	-13.00	-31.73	Pass
4407.04	H	-39.10	-6.05	-45.15	-13.00	-32.15	Pass
5290.14	H	-41.22	-3.52	-44.74	-13.00	-31.74	Pass
Test mode:		LTE Band 5(1.4MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1785.77	Vertical	-20.77	-13.67	-34.44	-13.00	-21.44	Pass
2679.04	V	-32.73	-11.28	-44.01	-13.00	-31.01	Pass
3572.04	V	-35.67	-8.63	-44.30	-13.00	-31.30	Pass
4467.76	V	-39.39	-6.01	-45.40	-13.00	-32.40	Pass
5360.05	V	-40.59	-3.48	-44.07	-13.00	-31.07	Pass
1786.03	Horizontal	-23.77	-13.67	-37.44	-13.00	-24.44	Pass
2679.62	H	-32.57	-11.28	-43.85	-13.00	-30.85	Pass
3573.03	H	-36.49	-8.63	-45.12	-13.00	-32.12	Pass
4466.02	H	-39.24	-6.01	-45.25	-13.00	-32.25	Pass
5360.19	H	-41.03	-3.48	-44.51	-13.00	-31.51	Pass

Test mode:		LTE Band 7(5MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5244.54	Vertical	-32.80	-3.50	-36.30	-25.00	-11.30	Pass
7866.99	V	-42.70	1.01	-41.69	-25.00	-16.69	Pass
10490.16	V	-46.14	2.20	-43.94	-25.00	-18.94	Pass
13111.04	V	-48.52	3.92	-44.60	-25.00	-19.60	Pass
15734.64	V	-50.78	4.25	-46.53	-25.00	-21.53	Pass
5246.17	Horizontal	-33.92	-3.50	-37.42	-25.00	-12.42	Pass
7866.23	H	-42.77	1.01	-41.76	-25.00	-16.76	Pass
10489.31	H	-45.54	2.20	-43.34	-25.00	-18.34	Pass
13112.39	H	-49.40	3.92	-45.48	-25.00	-20.48	Pass
15733.57	H	-51.40	4.25	-47.15	-25.00	-22.15	Pass
Test mode:		LTE Band 7(5MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5309.38	Vertical	-32.54	-3.46	-36.00	-25.00	-11.00	Pass
7965.82	V	-43.00	1.05	-41.95	-25.00	-16.95	Pass
10618.96	V	-45.95	2.24	-43.71	-25.00	-18.71	Pass
13274.03	V	-49.33	3.96	-45.37	-25.00	-20.37	Pass
15931.09	V	-51.45	4.29	-47.16	-25.00	-22.16	Pass
5310.86	Horizontal	-33.72	-3.46	-37.18	-25.00	-12.18	Pass
7965.11	H	-43.14	1.05	-42.09	-25.00	-17.09	Pass
10619.60	H	-45.82	2.24	-43.58	-25.00	-18.58	Pass
13274.71	H	-48.99	3.96	-45.03	-25.00	-20.03	Pass
15930.21	H	-51.46	4.29	-47.17	-25.00	-22.17	Pass
Test mode:		LTE Band 7(5MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5374.77	Vertical	-33.00	-3.42	-36.42	-25.00	-11.42	Pass
8061.19	V	-43.48	1.09	-42.39	-25.00	-17.39	Pass
10751.15	V	-45.63	2.28	-43.35	-25.00	-18.35	Pass
13436.49	V	-48.73	4.00	-44.73	-25.00	-19.73	Pass
16126.15	V	-50.67	4.33	-46.34	-25.00	-21.34	Pass
5373.64	Horizontal	-33.73	-3.42	-37.15	-25.00	-12.15	Pass
8063.84	H	-43.11	1.09	-42.02	-25.00	-17.02	Pass
10749.29	H	-45.53	2.28	-43.25	-25.00	-18.25	Pass
13436.21	H	-48.79	4.00	-44.79	-25.00	-19.79	Pass
16126.13	H	-51.32	4.33	-46.99	-25.00	-21.99	Pass

Test mode:		LTE Band 12(1.4MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1459.84	Vertical	-20.89	-14.22	-35.11	-13.00	-22.11	Pass
2188.28	V	-31.24	-12.72	-43.96	-13.00	-30.96	Pass
2919.12	V	-34.22	-10.35	-44.57	-13.00	-31.57	Pass
3649.64	V	-36.53	-8.21	-44.74	-13.00	-31.74	Pass
4377.46	V	-39.43	-5.99	-45.42	-13.00	-32.42	Pass
1460.64	Horizontal	-21.69	-14.22	-35.91	-13.00	-22.91	Pass
2190.04	H	-30.80	-12.72	-43.52	-13.00	-30.52	Pass
2919.17	H	-34.42	-10.35	-44.77	-13.00	-31.77	Pass
3649.17	H	-36.95	-8.21	-45.16	-13.00	-32.16	Pass
4377.67	H	-38.76	-5.99	-44.75	-13.00	-31.75	Pass
Test mode:		LTE Band 12(1.4MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1475.59	Vertical	-20.57	-14.18	-34.75	-13.00	-21.75	Pass
2213.58	V	-30.84	-12.68	-43.52	-13.00	-30.52	Pass
2949.60	V	-34.36	-10.31	-44.67	-13.00	-31.67	Pass
3688.65	V	-37.26	-8.17	-45.43	-13.00	-32.43	Pass
4424.67	V	-38.91	-5.95	-44.86	-13.00	-31.86	Pass
1473.80	Horizontal	-21.86	-14.18	-36.04	-13.00	-23.04	Pass
2212.13	H	-30.86	-12.68	-43.54	-13.00	-30.54	Pass
2948.85	H	-34.40	-10.31	-44.71	-13.00	-31.71	Pass
3688.09	H	-36.80	-8.17	-44.97	-13.00	-31.97	Pass
4426.43	H	-38.63	-5.95	-44.58	-13.00	-31.58	Pass
Test mode:		LTE Band 12(1.4MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1489.51	Vertical	-20.88	-14.14	-35.02	-13.00	-22.02	Pass
2235.18	V	-30.56	-12.64	-43.20	-13.00	-30.20	Pass
2982.64	V	-34.05	-10.27	-44.32	-13.00	-31.32	Pass
3727.43	V	-36.64	-8.13	-44.77	-13.00	-31.77	Pass
4470.89	V	-38.69	-5.91	-44.60	-13.00	-31.60	Pass
1489.15	Horizontal	-21.79	-14.14	-35.93	-13.00	-22.93	Pass
2237.31	H	-30.73	-12.64	-43.37	-13.00	-30.37	Pass
2981.60	H	-33.86	-10.27	-44.13	-13.00	-31.13	Pass
3725.71	H	-37.47	-8.13	-45.60	-13.00	-32.60	Pass
4472.82	H	-38.64	-5.91	-44.55	-13.00	-31.55	Pass

Test mode:		LTE Band 13(5MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1497.29	Vertical	-21.31	-14.15	-35.46	-13.00	-22.46	Pass
2245.77	V	-32.28	-15.53	-47.81	-13.00	-34.81	Pass
2995.18	V	-35.26	-10.11	-45.37	-13.00	-32.37	Pass
3741.84	V	-37.74	-7.94	-45.68	-13.00	-32.68	Pass
4492.26	V	-39.59	-5.64	-45.23	-13.00	-32.23	Pass
1498.26	Horizontal	-22.93	-14.15	-37.08	-13.00	-24.08	Pass
2245.75	H	-32.28	-15.53	-47.81	-13.00	-34.81	Pass
2994.73	H	-34.95	-10.11	-45.06	-13.00	-32.06	Pass
3742.47	H	-38.19	-7.94	-46.13	-13.00	-33.13	Pass
4490.84	H	-39.97	-5.64	-45.61	-13.00	-32.61	Pass
Test mode:		LTE Band 13(5MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1502.45	Vertical	-21.42	-14.11	-35.53	-13.00	-22.53	Pass
2252.08	V	-32.13	-15.49	-47.62	-13.00	-34.62	Pass
3003.63	V	-34.70	-10.07	-44.77	-13.00	-31.77	Pass
3754.27	V	-37.67	-7.90	-45.57	-13.00	-32.57	Pass
4506.38	V	-39.72	-5.60	-45.32	-13.00	-32.32	Pass
1502.10	Horizontal	-22.53	-14.11	-36.64	-13.00	-23.64	Pass
2253.92	H	-31.58	-15.49	-47.07	-13.00	-34.07	Pass
3002.96	H	-35.35	-10.07	-45.42	-13.00	-32.42	Pass
3753.65	H	-38.33	-7.90	-46.23	-13.00	-33.23	Pass
4504.84	H	-40.13	-5.60	-45.73	-13.00	-32.73	Pass
Test mode:		LTE Band 13(5MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1506.80	Vertical	-21.96	-14.07	-36.03	-13.00	-23.03	Pass
2261.50	V	-32.24	-15.45	-47.69	-13.00	-34.69	Pass
3012.74	V	-34.81	-10.03	-44.84	-13.00	-31.84	Pass
3767.31	V	-37.68	-7.86	-45.54	-13.00	-32.54	Pass
4520.96	V	-39.86	-5.56	-45.42	-13.00	-32.42	Pass
1506.39	Horizontal	-22.95	-14.07	-37.02	-13.00	-24.02	Pass
2259.46	H	-32.17	-15.45	-47.62	-13.00	-34.62	Pass
3013.82	H	-35.04	-10.03	-45.07	-13.00	-32.07	Pass
3766.86	H	-37.82	-7.86	-45.68	-13.00	-32.68	Pass
4521.61	H	-39.71	-5.56	-45.27	-13.00	-32.27	Pass

Test mode:		LTE Band 25(1.4MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
3862.14	Vertical	-28.77	-7.59	-36.36	-13.00	-23.36	Pass
5793.07	V	-38.98	-2.34	-41.32	-13.00	-28.32	Pass
7723.83	V	-41.88	0.91	-40.97	-13.00	-27.97	Pass
9654.61	V	-45.28	1.63	-43.65	-13.00	-30.65	Pass
11584.81	V	-46.84	2.96	-43.88	-13.00	-30.88	Pass
3861.18	Horizontal	-29.14	-7.59	-36.73	-13.00	-23.73	Pass
5791.05	H	-39.47	-2.34	-41.81	-13.00	-28.81	Pass
7722.01	H	-41.52	0.91	-40.61	-13.00	-27.61	Pass
9652.00	H	-44.80	1.63	-43.17	-13.00	-30.17	Pass
11584.94	H	-46.79	2.96	-43.83	-13.00	-30.83	Pass
Test mode:		LTE Band 25(1.4MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
3926.17	Vertical	-21.36	-7.55	-28.91	-13.00	-15.91	Pass
5887.66	V	-31.62	-2.30	-33.92	-13.00	-20.92	Pass
7849.16	V	-35.41	0.95	-34.46	-13.00	-21.46	Pass
9811.74	V	-37.69	1.67	-36.02	-13.00	-23.02	Pass
11775.27	V	-40.25	3.00	-37.25	-13.00	-24.25	Pass
3923.63	Horizontal	-22.71	-7.55	-30.26	-13.00	-17.26	Pass
5888.59	H	-32.34	-2.30	-34.64	-13.00	-21.64	Pass
7850.06	H	-34.85	0.95	-33.90	-13.00	-20.90	Pass
9811.34	H	-37.64	1.67	-35.97	-13.00	-22.97	Pass
11774.98	H	-39.99	3.00	-36.99	-13.00	-23.99	Pass
Test mode:		LTE Band 25(1.4MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
3988.60	Vertical	-21.17	-7.51	-28.68	-13.00	-15.68	Pass
5983.54	V	-31.82	-2.26	-34.08	-13.00	-21.08	Pass
7975.71	V	-34.55	0.99	-33.56	-13.00	-20.56	Pass
9972.09	V	-38.14	1.71	-36.43	-13.00	-23.43	Pass
11966.53	V	-39.66	3.04	-36.62	-13.00	-23.62	Pass
3987.43	Horizontal	-22.24	-7.51	-29.75	-13.00	-16.75	Pass
5982.44	H	-32.35	-2.26	-34.61	-13.00	-21.61	Pass
7978.29	H	-34.58	0.99	-33.59	-13.00	-20.59	Pass
9970.81	H	-38.41	1.71	-36.70	-13.00	-23.70	Pass
11966.63	H	-39.89	3.04	-36.85	-13.00	-23.85	Pass

Test mode:		LTE Band 26(1.4MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1628.87	Vertical	-23.89	-13.91	-37.80	-13.00	-24.80	Pass
2441.26	V	-34.46	-11.82	-46.28	-13.00	-33.28	Pass
3256.55	V	-37.16	-9.25	-46.41	-13.00	-33.41	Pass
4069.65	V	-39.85	-6.83	-46.68	-13.00	-33.68	Pass
4885.13	V	-42.45	-4.20	-46.65	-13.00	-33.65	Pass
1629.03	Horizontal	-24.19	-13.90	-38.09	-13.00	-25.09	Pass
2442.09	H	-33.75	-11.80	-45.55	-13.00	-32.55	Pass
3257.71	H	-36.56	-9.23	-45.79	-13.00	-32.79	Pass
4069.91	H	-39.90	-6.81	-46.71	-13.00	-33.71	Pass
4885.13	H	-41.63	-4.18	-45.81	-13.00	-32.81	Pass
Test mode:		LTE Band 26(1.4MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1637.14	Vertical	-23.40	-13.87	-37.27	-13.00	-24.27	Pass
2457.10	V	-33.76	-11.78	-45.54	-13.00	-32.54	Pass
3275.69	V	-36.75	-9.21	-45.96	-13.00	-32.96	Pass
4094.22	V	-40.45	-6.79	-47.24	-13.00	-34.24	Pass
4913.98	V	-41.58	-4.16	-45.74	-13.00	-32.74	Pass
1638.14	Horizontal	-24.61	-13.86	-38.47	-13.00	-25.47	Pass
2458.32	H	-34.35	-11.76	-46.11	-13.00	-33.11	Pass
3277.09	H	-36.96	-9.19	-46.15	-13.00	-33.15	Pass
4095.64	H	-40.14	-6.77	-46.91	-13.00	-33.91	Pass
4912.91	H	-41.83	-4.14	-45.97	-13.00	-32.97	Pass
Test mode:		LTE Band 26(1.4MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
1647.18	Vertical	-23.17	-13.83	-37.00	-13.00	-24.00	Pass
2471.53	V	-33.85	-11.74	-45.59	-13.00	-32.59	Pass
3296.30	V	-36.65	-9.17	-45.82	-13.00	-32.82	Pass
4119.48	V	-39.83	-6.75	-46.58	-13.00	-33.58	Pass
4943.70	V	-41.70	-4.12	-45.82	-13.00	-32.82	Pass
1646.42	Horizontal	-24.38	-13.82	-38.20	-13.00	-25.20	Pass
2472.27	H	-33.75	-11.72	-45.47	-13.00	-32.47	Pass
3294.37	H	-37.12	-9.15	-46.27	-13.00	-33.27	Pass
4120.13	H	-40.23	-6.73	-46.96	-13.00	-33.96	Pass
4943.50	H	-41.81	-4.10	-45.91	-13.00	-32.91	Pass

Test mode:		LTE Band 38(5MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5146.48	Vertical	-32.26	-3.72	-35.98	-25.00	-10.98	Pass
7718.55	V	-43.01	0.91	-42.10	-25.00	-17.10	Pass
10288.58	V	-46.31	2.08	-44.23	-25.00	-19.23	Pass
12861.88	V	-49.37	3.92	-45.45	-25.00	-20.45	Pass
15434.72	V	-51.23	4.56	-46.67	-25.00	-21.67	Pass
5144.84	Horizontal	-33.09	-3.72	-36.81	-25.00	-11.81	Pass
7718.28	H	-43.10	0.91	-42.19	-25.00	-17.19	Pass
10290.49	H	-45.68	2.08	-43.60	-25.00	-18.60	Pass
12863.97	H	-49.38	3.92	-45.46	-25.00	-20.46	Pass
15435.18	H	-51.33	4.56	-46.77	-25.00	-21.77	Pass
Test mode:		LTE Band 38(5MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5189.01	Vertical	-32.30	-3.68	-35.98	-25.00	-10.98	Pass
7784.35	V	-43.38	0.95	-42.43	-25.00	-17.43	Pass
10379.96	V	-45.81	2.12	-43.69	-25.00	-18.69	Pass
12974.23	V	-49.44	3.96	-45.48	-25.00	-20.48	Pass
15569.61	V	-51.25	4.60	-46.65	-25.00	-21.65	Pass
5189.07	Horizontal	-33.99	-3.68	-37.67	-25.00	-12.67	Pass
7786.05	H	-42.85	0.95	-41.90	-25.00	-16.90	Pass
10379.37	H	-45.77	2.12	-43.65	-25.00	-18.65	Pass
12975.92	H	-48.93	3.96	-44.97	-25.00	-19.97	Pass
15569.34	H	-50.68	4.60	-46.08	-25.00	-21.08	Pass
Test mode:		LTE Band 38(5MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5234.38	Vertical	-32.19	-3.64	-35.83	-25.00	-10.83	Pass
7852.96	V	-42.77	0.99	-41.78	-25.00	-16.78	Pass
10469.33	V	-46.47	2.16	-44.31	-25.00	-19.31	Pass
13087.05	V	-48.91	4.00	-44.91	-25.00	-19.91	Pass
15705.01	V	-50.72	4.64	-46.08	-25.00	-21.08	Pass
5235.05	Horizontal	-33.04	-3.64	-36.68	-25.00	-11.68	Pass
7852.94	H	-42.95	0.99	-41.96	-25.00	-16.96	Pass
10471.44	H	-46.12	2.16	-43.96	-25.00	-18.96	Pass
13087.20	H	-48.82	4.00	-44.82	-25.00	-19.82	Pass
15705.70	H	-50.89	4.64	-46.25	-25.00	-21.25	Pass

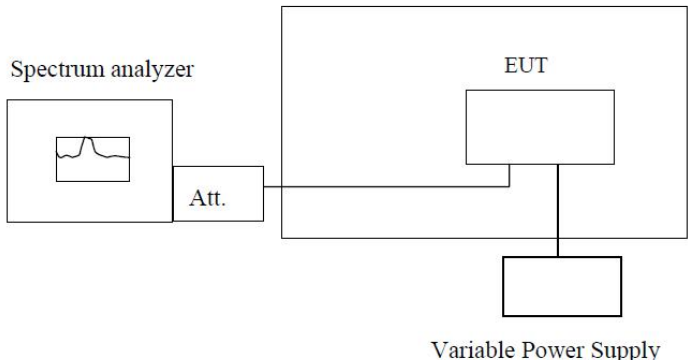
Test mode:		LTE Band 41(5MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5003.62	Vertical	-32.74	-4.01	-36.75	-25.00	-11.75	Pass
7506.09	V	-43.39	0.77	-42.62	-25.00	-17.62	Pass
10011.45	V	-45.78	1.80	-43.98	-25.00	-18.98	Pass
12512.09	V	-48.66	3.60	-45.06	-25.00	-20.06	Pass
15015.52	V	-50.83	4.46	-46.37	-25.00	-21.37	Pass
5004.03	Horizontal	-33.23	-3.72	-36.95	-25.00	-11.95	Pass
7506.20	H	-42.78	0.91	-41.87	-25.00	-16.87	Pass
10010.06	H	-46.36	2.08	-44.28	-25.00	-19.28	Pass
12511.87	H	-48.74	3.92	-44.82	-25.00	-19.82	Pass
15015.50	H	-50.67	4.56	-46.11	-25.00	-21.11	Pass
Test mode:		LTE Band 41(5MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5190.54	Vertical	-32.39	-3.97	-36.36	-25.00	-11.36	Pass
7783.92	V	-42.64	0.81	-41.83	-25.00	-16.83	Pass
10379.40	V	-46.37	1.84	-44.53	-25.00	-19.53	Pass
12974.63	V	-48.89	3.64	-45.25	-25.00	-20.25	Pass
15569.33	V	-51.36	4.50	-46.86	-25.00	-21.86	Pass
5189.68	Horizontal	-33.51	-3.68	-37.19	-25.00	-12.19	Pass
7785.70	H	-43.45	0.95	-42.50	-25.00	-17.50	Pass
10380.79	H	-45.72	2.12	-43.60	-25.00	-18.60	Pass
12974.72	H	-48.58	3.96	-44.62	-25.00	-19.62	Pass
15570.98	H	-50.72	4.60	-46.12	-25.00	-21.12	Pass
Test mode:		LTE Band 41(5MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5376.19	Vertical	-32.46	-3.93	-36.39	-25.00	-11.39	Pass
8063.48	V	-42.83	0.85	-41.98	-25.00	-16.98	Pass
10750.55	V	-46.39	1.88	-44.51	-25.00	-19.51	Pass
13438.18	V	-48.64	3.68	-44.96	-25.00	-19.96	Pass
16125.27	V	-51.07	4.54	-46.53	-25.00	-21.53	Pass
5375.68	Horizontal	-33.77	-3.64	-37.41	-25.00	-12.41	Pass
8062.92	H	-42.99	0.99	-42.00	-25.00	-17.00	Pass
10750.98	H	-45.74	2.16	-43.58	-25.00	-18.58	Pass
13437.24	H	-49.10	4.00	-45.10	-25.00	-20.10	Pass
16124.03	H	-50.65	4.64	-46.01	-25.00	-21.01	Pass

Test mode:		LTE Band 66(1.4MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
4222.87	Vertical	-29.96	-6.50	-36.46	-13.00	-23.46	Pass
6331.66	V	-40.98	-1.13	-42.11	-13.00	-29.11	Pass
8443.50	V	-43.39	1.22	-42.17	-13.00	-29.17	Pass
10553.78	V	-46.76	2.34	-44.42	-13.00	-31.42	Pass
12664.56	V	-48.45	3.74	-44.71	-13.00	-31.71	Pass
4221.81	Horizontal	-30.80	-6.50	-37.30	-13.00	-24.30	Pass
6330.94	H	-40.26	-1.13	-41.39	-13.00	-28.39	Pass
8444.04	H	-43.02	1.22	-41.80	-13.00	-28.80	Pass
10554.89	H	-46.28	2.34	-43.94	-13.00	-30.94	Pass
12664.06	H	-48.40	3.74	-44.66	-13.00	-31.66	Pass
Test mode:		LTE Band 66(1.4MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
4263.91	Vertical	-29.86	-6.46	-36.32	-13.00	-23.32	Pass
6396.20	V	-40.93	-1.09	-42.02	-13.00	-29.02	Pass
8529.18	V	-43.74	1.26	-42.48	-13.00	-29.48	Pass
10662.66	V	-46.76	2.38	-44.38	-13.00	-31.38	Pass
12793.99	V	-48.62	3.78	-44.84	-13.00	-31.84	Pass
4263.99	Horizontal	-30.59	-6.46	-37.05	-13.00	-24.05	Pass
6396.40	H	-40.15	-1.09	-41.24	-13.00	-28.24	Pass
8529.92	H	-43.79	1.26	-42.53	-13.00	-29.53	Pass
10662.38	H	-46.11	2.38	-43.73	-13.00	-30.73	Pass
12795.01	H	-48.00	3.78	-44.22	-13.00	-31.22	Pass
Test mode:		LTE Band 66(1.4MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
4308.60	Vertical	-29.99	-6.42	-36.41	-13.00	-23.41	Pass
6463.65	V	-40.05	-1.05	-41.10	-13.00	-28.10	Pass
8615.70	V	-43.21	1.30	-41.91	-13.00	-28.91	Pass
10771.93	V	-46.59	2.42	-44.17	-13.00	-31.17	Pass
12926.95	V	-48.80	3.82	-44.98	-13.00	-31.98	Pass
4307.86	Horizontal	-30.82	-6.42	-37.24	-13.00	-24.24	Pass
6464.16	H	-40.23	-1.05	-41.28	-13.00	-28.28	Pass
8616.62	H	-43.07	1.30	-41.77	-13.00	-28.77	Pass
10770.85	H	-46.49	2.42	-44.07	-13.00	-31.07	Pass
12925.98	H	-48.04	3.82	-44.22	-13.00	-31.22	Pass

Remark :

1. The emission behaviour belongs to narrowband spurious emission.
2. The emission levels of below 1 GHz are very lower than the limit and not show in test report.
3. Level (dBm)= Reading (dBm)+ Factor (dB).
Margin (dB)= Limit (dBm)-Level (dBm)
Factor(dB)= cable loss(dB)+ Preamplifier(dB)+ Antenna gain(dBi)

4.9 Frequency stability

Test Requirement:	FCC Part 2.1055(a)(1)(b), FCC Part 2.1055(d)(1)(2), FCC Part 27.54
Test Method:	ANSI C63.26:2015
Limit:	2.5ppm(Part 22) Within the authorized bands of operation(Part 24, Part 27)
Test setup:	Temperature Chamber  Variable Power Supply Note : Measurement setup for testing on Antenna connector
Test procedure:	1. The equipment under test was connected to an external DC power supply and input rated voltage. 2. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. 3. The EUT was placed inside the temperature chamber. 4. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency. 5. Turn EUT off and set the chamber temperature to -20°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. 6. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.
Test Instruments:	Refer to section 3 for details
Test mode:	Refer to section 4.1 for details
Test results:	Conducted measurement please refer to the certificate module FCC ID:2AJYU-8XS0001

5 Photos of test setup

Reference to the **psi2606098-C01-R01 appendix I Test Setup Photo** for details.

6 Photos of EUT

Reference to the **psi2606098-C01-R01 appendix II external photos** and **appendix III internal photos** for details.

----- END OF REPORT-----

