



FCC TEST REPORT

FCC ID: 2BU8HRGGAVON0310

On Behalf of

POSTHARVEST APPLIED SCIENCES SAPI DE CV

SaveFruit Vision

Model No.: SFVision V1.2

Prepared for : POSTHARVEST APPLIED SCIENCES SAPI DE CV
Address : AVE TECNOLOGICO 4101 L24, CHIHUAHUA, Mexico

Prepared By : Shenzhen PSI Testing Co., Ltd.
Address : 1-2/F., Building 5, Yudafu Industrial Park, No.10, Xingye West Road,
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TEST REPORT DECLARATION

Applicant : POSTHARVEST APPLIED SCIENCES SAPI DE CV
Address : AVE TECNOLOGICO 4101 L24, CHIHUAHUA, Mexico
Manufacturer : POSTHARVEST APPLIED SCIENCES SAPI DE CV
Address : AVE TECNOLOGICO 4101 L24, CHIHUAHUA, Mexico
EUT Description : SaveFruit Vision
(A) Model No. : SFVision V1.2
(B) Trademark : SAVEFRUIT

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.....:

April 10, 2026

Revision History

Revision	Issue Date	Revisions	Revised By
V0	April 10, 2026	Initial released Issue	Felix Pang



1 Test Summary

Test Item	Section in CFR 47	Result
RF Exposure (SAR)	Part 1.1307 Part 2.1093	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.

2 General Information

2.1 General Description of EUT

Description of Device (EUT)

Description : SaveFruit Vision
Model Number : SFVision V1.2
Diff : N/A
Test Voltage : DC 3.7V from built-in battery
DC 5V from Type-C

Support Networks : LTE

Support Bands : FDD LTE: Band 2/4/5/7/66

Channel Bandwidth : 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 66: 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz

TX Frequency : LTE Band 2: 1850~1910MHz
LTE Band 4: 1710~1755MHz
LTE Band 5: 824~849MHz
LTE Band 7: 2500~2570MHz
LTE Band 66: 1710~1780 MHz

Modulation type : QPSK, 16QAM

Antenna type : Internal Antenna

Antenna gain : Maximum Gain is 2.97dBi for LTE Band 2
Maximum Gain is 1.28dBi for LTE Band 4
Maximum Gain is 4.31dBi for LTE Band 5
Maximum Gain is 2.46dBi for LTE Band 7
Maximum Gain is 1.49dBi 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

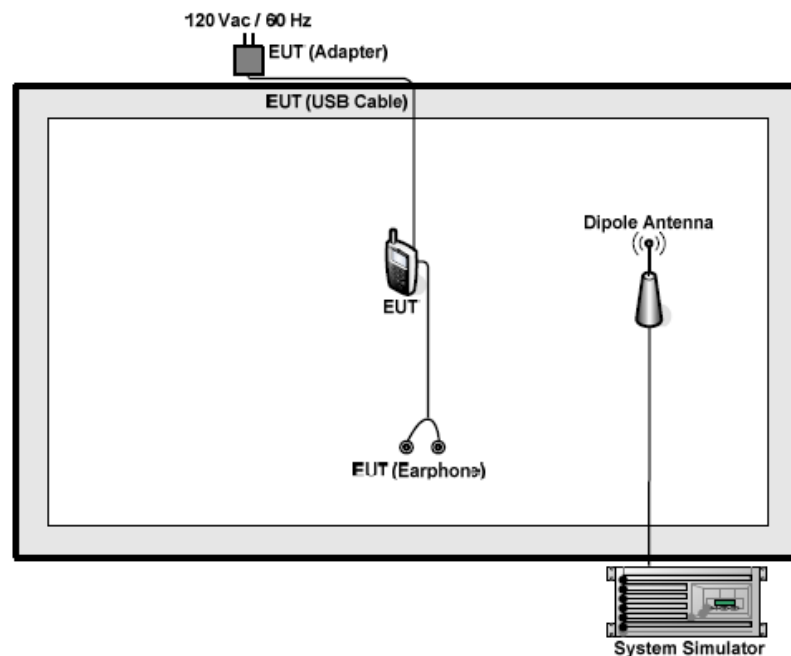
During all testing, EUT is in link mode with base station emulator at maximum power level. The spurious emission measurements were carried out in semi-anechoic chamber with 3-meter test range, and EUT is rotated on three test planes to find out the worst emission.

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 66	■ QPSK link, 16QAM link	■ QPSK link, 16QAM link

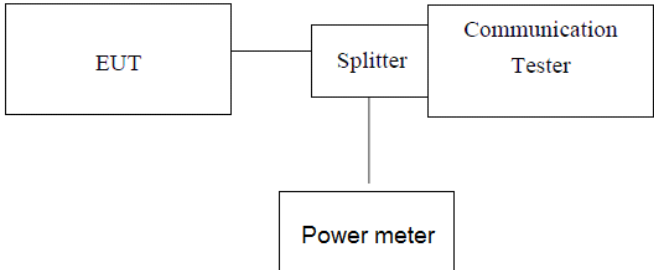
Note: Antenna port conducted and radiated test items were performed according to KDB 971168 D01 Power Meas License Digital Systems v03r1 with maximum output power.

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 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:

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

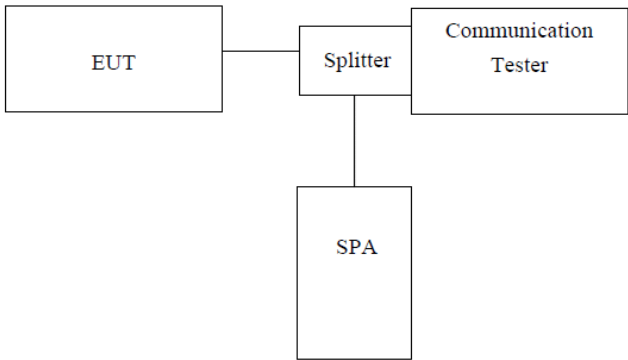
Test Instruments:	Refer to section 3 for details
Test mode:	Refer to section 4.1 for details
Test results:	Pass (Please refer to ANNEX for the test results)



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:	<pre> graph LR EUT[EUT] --- Splitter[Splitter] Splitter --- CT[Communication Tester] Splitter --- SPA[SPA] </pre> <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 $RBW \geq OBW$ 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:	Pass (Please refer to ANNEX for the test results)

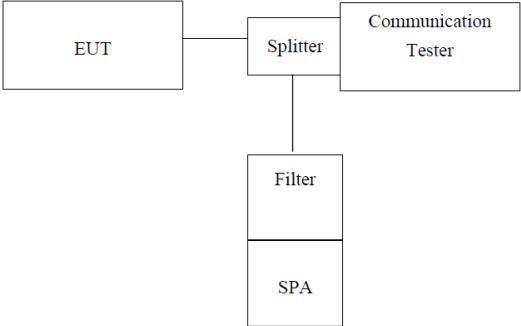
4.5 Occupy Bandwidth

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:	Pass (Please refer to ANNEX for the test results)

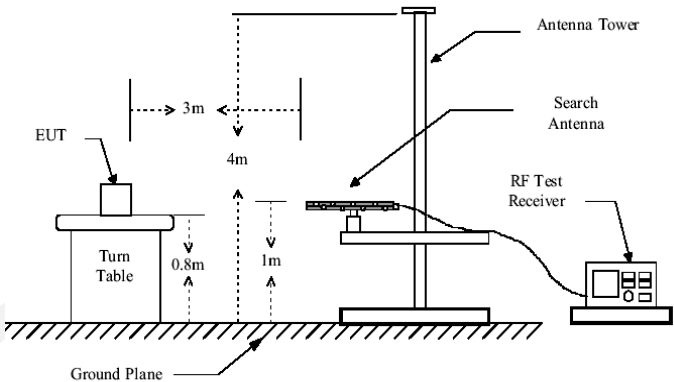
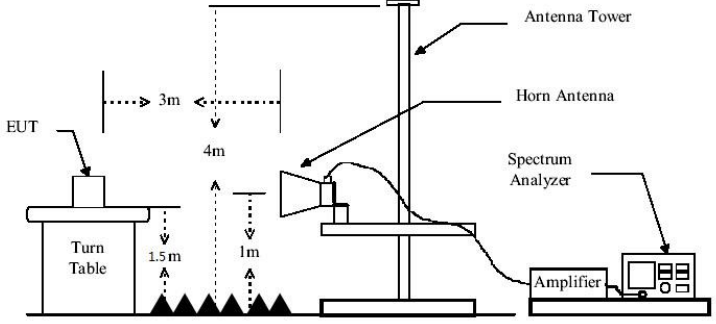
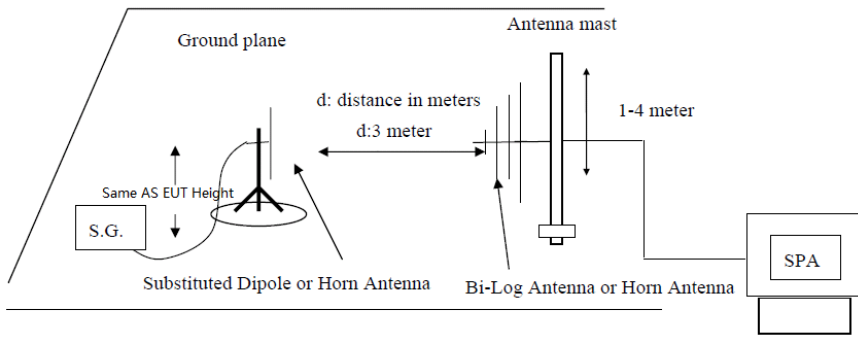
4.6 MODULATION CHARACTERISTIC

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:	 <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:	Pass (Please refer to ANNEX for the test results)

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
3860.89	Vertical	-28.30	-7.59	-35.89	-13.00	-22.89	Pass
5790.99	V	-39.97	-2.34	-42.31	-13.00	-29.31	Pass
7723.65	V	-43.20	0.91	-42.29	-13.00	-29.29	Pass
9653.44	V	-46.28	1.63	-44.65	-13.00	-31.65	Pass
11585.34	V	-47.52	2.96	-44.56	-13.00	-31.56	Pass
3860.85	Horizontal	-29.21	-7.59	-36.80	-13.00	-23.80	Pass
5791.77	H	-40.32	-2.34	-42.66	-13.00	-29.66	Pass
7723.80	H	-43.29	0.91	-42.38	-13.00	-29.38	Pass
9652.28	H	-45.92	1.63	-44.29	-13.00	-31.29	Pass
11584.99	H	-47.87	2.96	-44.91	-13.00	-31.91	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
3919.50	Vertical	-28.79	-7.55	-36.34	-13.00	-23.34	Pass
5879.32	V	-39.98	-2.30	-42.28	-13.00	-29.28	Pass
7840.33	V	-43.42	0.95	-42.47	-13.00	-29.47	Pass
9799.51	V	-46.50	1.67	-44.83	-13.00	-31.83	Pass
11761.29	V	-48.33	3.00	-45.33	-13.00	-32.33	Pass
3920.75	Horizontal	-29.29	-7.55	-36.84	-13.00	-23.84	Pass
5879.68	H	-40.33	-2.30	-42.63	-13.00	-29.63	Pass
7841.23	H	-42.94	0.95	-41.99	-13.00	-28.99	Pass
9799.71	H	-46.30	1.67	-44.63	-13.00	-31.63	Pass
11761.19	H	-48.18	3.00	-45.18	-13.00	-32.18	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
3979.90	Vertical	-28.63	-7.51	-36.14	-13.00	-23.14	Pass
5968.15	V	-40.16	-2.26	-42.42	-13.00	-29.42	Pass
7956.57	V	-42.53	0.99	-41.54	-13.00	-28.54	Pass
9945.94	V	-46.13	1.71	-44.42	-13.00	-31.42	Pass
11936.64	V	-47.71	3.04	-44.67	-13.00	-31.67	Pass
3978.99	Horizontal	-29.22	-7.51	-36.73	-13.00	-23.73	Pass
5967.36	H	-39.72	-2.26	-41.98	-13.00	-28.98	Pass
7956.13	H	-42.61	0.99	-41.62	-13.00	-28.62	Pass
9946.31	H	-45.65	1.71	-43.94	-13.00	-30.94	Pass
11935.47	H	-48.00	3.04	-44.96	-13.00	-31.96	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
4221.11	Vertical	-29.06	-6.50	-35.56	-13.00	-22.56	Pass
6331.57	V	-40.47	-1.14	-41.61	-13.00	-28.61	Pass
8442.28	V	-42.65	1.21	-41.44	-13.00	-28.44	Pass
10553.59	V	-46.29	2.34	-43.95	-13.00	-30.95	Pass
12663.27	V	-47.87	3.74	-44.13	-13.00	-31.13	Pass
4221.58	Horizontal	-30.47	-6.50	-36.97	-13.00	-23.97	Pass
6331.67	H	-39.78	-1.14	-40.92	-13.00	-27.92	Pass
8443.83	H	-43.40	1.21	-42.19	-13.00	-29.19	Pass
10552.50	H	-45.74	2.34	-43.40	-13.00	-30.40	Pass
12662.75	H	-48.46	3.74	-44.72	-13.00	-31.72	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
4264.13	Vertical	-29.92	-6.46	-36.38	-13.00	-23.38	Pass
6396.56	V	-39.90	-1.10	-41.00	-13.00	-28.00	Pass
8529.83	V	-43.36	1.25	-42.11	-13.00	-29.11	Pass
10662.53	V	-46.05	2.38	-43.67	-13.00	-30.67	Pass
12794.53	V	-47.63	3.78	-43.85	-13.00	-30.85	Pass
4265.82	Horizontal	-30.70	-6.46	-37.16	-13.00	-24.16	Pass
6397.46	H	-39.90	-1.10	-41.00	-13.00	-28.00	Pass
8530.27	H	-42.55	1.25	-41.30	-13.00	-28.30	Pass
10661.86	H	-45.60	2.38	-43.22	-13.00	-30.22	Pass
12794.38	H	-48.05	3.78	-44.27	-13.00	-31.27	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
4308.47	Vertical	-29.05	-6.42	-35.47	-13.00	-22.47	Pass
6463.75	V	-40.17	-1.06	-41.23	-13.00	-28.23	Pass
8615.70	V	-43.31	1.29	-42.02	-13.00	-29.02	Pass
10770.53	V	-46.44	2.42	-44.02	-13.00	-31.02	Pass
12924.86	V	-48.47	3.82	-44.65	-13.00	-31.65	Pass
4307.83	Horizontal	-30.43	-6.42	-36.85	-13.00	-23.85	Pass
6464.24	H	-40.32	-1.06	-41.38	-13.00	-28.38	Pass
8615.84	H	-43.45	1.29	-42.16	-13.00	-29.16	Pass
10771.64	H	-46.03	2.42	-43.61	-13.00	-30.61	Pass
12925.69	H	-47.51	3.82	-43.69	-13.00	-30.69	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
1739.61	Vertical	-20.76	-13.75	-34.51	-13.00	-21.51	Pass
2609.63	V	-32.57	-11.36	-43.93	-13.00	-30.93	Pass
3478.68	V	-35.65	-8.71	-44.36	-13.00	-31.36	Pass
4349.50	V	-39.32	-6.09	-45.41	-13.00	-32.41	Pass
5219.66	V	-41.47	-3.56	-45.03	-13.00	-32.03	Pass
1738.07	Horizontal	-23.78	-13.75	-37.53	-13.00	-24.53	Pass
2607.84	H	-33.08	-11.36	-44.44	-13.00	-31.44	Pass
3478.28	H	-35.79	-8.71	-44.50	-13.00	-31.50	Pass
4349.43	H	-38.94	-6.09	-45.03	-13.00	-32.03	Pass
5219.57	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
1763.35	Vertical	-20.93	-13.71	-34.64	-13.00	-21.64	Pass
2645.18	V	-32.89	-11.32	-44.21	-13.00	-31.21	Pass
3525.65	V	-36.48	-8.67	-45.15	-13.00	-32.15	Pass
4407.56	V	-39.28	-6.05	-45.33	-13.00	-32.33	Pass
5288.48	V	-41.19	-3.52	-44.71	-13.00	-31.71	Pass
1762.99	Horizontal	-23.15	-13.71	-36.86	-13.00	-23.86	Pass
2643.45	H	-32.64	-11.32	-43.96	-13.00	-30.96	Pass
3524.94	H	-36.12	-8.67	-44.79	-13.00	-31.79	Pass
4407.36	H	-39.33	-6.05	-45.38	-13.00	-32.38	Pass
5290.25	H	-40.68	-3.52	-44.20	-13.00	-31.20	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
1786.07	Vertical	-20.50	-13.67	-34.17	-13.00	-21.17	Pass
2681.25	V	-33.20	-11.28	-44.48	-13.00	-31.48	Pass
3573.82	V	-35.87	-8.63	-44.50	-13.00	-31.50	Pass
4465.18	V	-39.03	-6.01	-45.04	-13.00	-32.04	Pass
5360.39	V	-40.89	-3.48	-44.37	-13.00	-31.37	Pass
1787.83	Horizontal	-23.05	-13.67	-36.72	-13.00	-23.72	Pass
2678.82	H	-32.86	-11.28	-44.14	-13.00	-31.14	Pass
3573.71	H	-35.79	-8.63	-44.42	-13.00	-31.42	Pass
4467.61	H	-38.54	-6.01	-44.55	-13.00	-31.55	Pass
5359.22	H	-41.30	-3.48	-44.78	-13.00	-31.78	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	-32.05	-3.50	-35.55	-25.00	-10.55	Pass
7867.21	V	-43.40	1.01	-42.39	-25.00	-17.39	Pass
10489.95	V	-45.85	2.20	-43.65	-25.00	-18.65	Pass
13111.28	V	-49.28	3.92	-45.36	-25.00	-20.36	Pass
15735.18	V	-51.00	4.25	-46.75	-25.00	-21.75	Pass
5243.75	Horizontal	-33.45	-3.50	-36.95	-25.00	-11.95	Pass
7868.55	H	-42.55	1.01	-41.54	-25.00	-16.54	Pass
10489.11	H	-45.56	2.20	-43.36	-25.00	-18.36	Pass
13111.75	H	-49.16	3.92	-45.24	-25.00	-20.24	Pass
15735.12	H	-50.91	4.25	-46.66	-25.00	-21.66	Pass
Test mode:		LTE Band 7(5MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5310.32	Vertical	-32.65	-3.46	-36.11	-25.00	-11.11	Pass
7964.88	V	-42.98	1.05	-41.93	-25.00	-16.93	Pass
10618.86	V	-45.58	2.24	-43.34	-25.00	-18.34	Pass
13275.07	V	-49.14	3.96	-45.18	-25.00	-20.18	Pass
15929.54	V	-51.42	4.29	-47.13	-25.00	-22.13	Pass
5310.81	Horizontal	-33.02	-3.46	-36.48	-25.00	-11.48	Pass
7965.96	H	-43.30	1.05	-42.25	-25.00	-17.25	Pass
10618.59	H	-45.62	2.24	-43.38	-25.00	-18.38	Pass
13274.81	H	-49.30	3.96	-45.34	-25.00	-20.34	Pass
15930.82	H	-50.88	4.29	-46.59	-25.00	-21.59	Pass
Test mode:		LTE Band 7(5MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5375.62	Vertical	-32.14	-3.42	-35.56	-25.00	-10.56	Pass
8061.55	V	-43.19	1.09	-42.10	-25.00	-17.10	Pass
10751.50	V	-46.32	2.28	-44.04	-25.00	-19.04	Pass
13436.68	V	-48.89	4.00	-44.89	-25.00	-19.89	Pass
16125.96	V	-50.83	4.33	-46.50	-25.00	-21.50	Pass
5375.24	Horizontal	-33.24	-3.42	-36.66	-25.00	-11.66	Pass
8062.81	H	-42.63	1.09	-41.54	-25.00	-16.54	Pass
10749.47	H	-45.60	2.28	-43.32	-25.00	-18.32	Pass
13436.53	H	-49.19	4.00	-45.19	-25.00	-20.19	Pass
16125.58	H	-51.09	4.33	-46.76	-25.00	-21.76	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
4221.41	Vertical	-29.92	-6.50	-36.42	-13.00	-23.42	Pass
6333.40	V	-40.02	-1.13	-41.15	-13.00	-28.15	Pass
8441.79	V	-43.60	1.22	-42.38	-13.00	-29.38	Pass
10552.20	V	-46.21	2.34	-43.87	-13.00	-30.87	Pass
12665.17	V	-48.05	3.74	-44.31	-13.00	-31.31	Pass
4221.34	Horizontal	-30.60	-6.50	-37.10	-13.00	-24.10	Pass
6331.31	H	-40.94	-1.13	-42.07	-13.00	-29.07	Pass
8443.58	H	-43.12	1.22	-41.90	-13.00	-28.90	Pass
10554.78	H	-46.57	2.34	-44.23	-13.00	-31.23	Pass
12664.13	H	-48.15	3.74	-44.41	-13.00	-31.41	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
4265.57	Vertical	-29.55	-6.46	-36.01	-13.00	-23.01	Pass
6396.87	V	-40.14	-1.09	-41.23	-13.00	-28.23	Pass
8530.68	V	-43.71	1.26	-42.45	-13.00	-29.45	Pass
10661.31	V	-46.73	2.38	-44.35	-13.00	-31.35	Pass
12795.37	V	-48.26	3.78	-44.48	-13.00	-31.48	Pass
4265.78	Horizontal	-30.91	-6.46	-37.37	-13.00	-24.37	Pass
6398.26	H	-40.07	-1.09	-41.16	-13.00	-28.16	Pass
8530.33	H	-43.68	1.26	-42.42	-13.00	-29.42	Pass
10661.10	H	-46.13	2.38	-43.75	-13.00	-30.75	Pass
12795.10	H	-48.76	3.78	-44.98	-13.00	-31.98	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
4309.48	Vertical	-29.88	-6.42	-36.30	-13.00	-23.30	Pass
6463.63	V	-40.19	-1.05	-41.24	-13.00	-28.24	Pass
8617.21	V	-43.14	1.30	-41.84	-13.00	-28.84	Pass
10772.44	V	-46.15	2.42	-43.73	-13.00	-30.73	Pass
12926.89	V	-48.84	3.82	-45.02	-13.00	-32.02	Pass
4309.62	Horizontal	-30.59	-6.42	-37.01	-13.00	-24.01	Pass
6462.67	H	-40.84	-1.05	-41.89	-13.00	-28.89	Pass
8616.34	H	-43.95	1.30	-42.65	-13.00	-29.65	Pass
10771.70	H	-46.50	2.42	-44.08	-13.00	-31.08	Pass
12927.10	H	-48.01	3.82	-44.19	-13.00	-31.19	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
3859.96	Vertical	-28.42	-7.59	-36.01	-13.00	-23.01	Pass
5792.65	V	-39.61	-2.34	-41.95	-13.00	-28.95	Pass
7722.98	V	-42.91	0.91	-42.00	-13.00	-29.00	Pass
9653.67	V	-46.21	1.63	-44.58	-13.00	-31.58	Pass
11582.80	V	-48.04	2.96	-45.08	-13.00	-32.08	Pass
3861.28	Horizontal	-29.05	-7.59	-36.64	-13.00	-23.64	Pass
5793.58	H	-39.94	-2.34	-42.28	-13.00	-29.28	Pass
7723.82	H	-43.10	0.91	-42.19	-13.00	-29.19	Pass
9654.39	H	-46.40	1.63	-44.77	-13.00	-31.77	Pass
11583.47	H	-47.54	2.96	-44.58	-13.00	-31.58	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
3921.02	Vertical	-28.89	-7.55	-36.44	-13.00	-23.44	Pass
5879.18	V	-39.99	-2.30	-42.29	-13.00	-29.29	Pass
7839.45	V	-43.38	0.95	-42.43	-13.00	-29.43	Pass
9801.31	V	-45.82	1.67	-44.15	-13.00	-31.15	Pass
11760.31	V	-47.76	3.00	-44.76	-13.00	-31.76	Pass
3920.53	Horizontal	-29.06	-7.55	-36.61	-13.00	-23.61	Pass
5879.27	H	-40.42	-2.30	-42.72	-13.00	-29.72	Pass
7839.29	H	-43.41	0.95	-42.46	-13.00	-29.46	Pass
9801.22	H	-45.98	1.67	-44.31	-13.00	-31.31	Pass
11759.03	H	-48.15	3.00	-45.15	-13.00	-32.15	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
3979.76	Vertical	-28.51	-7.51	-36.02	-13.00	-23.02	Pass
5968.34	V	-39.82	-2.26	-42.08	-13.00	-29.08	Pass
7955.91	V	-43.49	0.99	-42.50	-13.00	-29.50	Pass
9945.19	V	-46.19	1.71	-44.48	-13.00	-31.48	Pass
11935.78	V	-47.81	3.04	-44.77	-13.00	-31.77	Pass
3979.31	Horizontal	-29.96	-7.51	-37.47	-13.00	-24.47	Pass
5968.98	H	-40.29	-2.26	-42.55	-13.00	-29.55	Pass
7956.45	H	-43.16	0.99	-42.17	-13.00	-29.17	Pass
9945.49	H	-45.94	1.71	-44.23	-13.00	-31.23	Pass
11935.01	H	-48.31	3.04	-45.27	-13.00	-32.27	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
4222.18	Vertical	-29.58	-6.50	-36.08	-13.00	-23.08	Pass
6333.45	V	-39.80	-1.14	-40.94	-13.00	-27.94	Pass
8442.24	V	-43.37	1.21	-42.16	-13.00	-29.16	Pass
10554.26	V	-45.80	2.34	-43.46	-13.00	-30.46	Pass
12664.05	V	-47.87	3.74	-44.13	-13.00	-31.13	Pass
4220.20	Horizontal	-30.42	-6.50	-36.92	-13.00	-23.92	Pass
6331.66	H	-39.65	-1.14	-40.79	-13.00	-27.79	Pass
8443.83	H	-43.18	1.21	-41.97	-13.00	-28.97	Pass
10554.80	H	-46.18	2.34	-43.84	-13.00	-30.84	Pass
12665.58	H	-47.60	3.74	-43.86	-13.00	-30.86	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
4265.22	Vertical	-29.07	-6.46	-35.53	-13.00	-22.53	Pass
6398.81	V	-40.21	-1.10	-41.31	-13.00	-28.31	Pass
8529.29	V	-42.98	1.25	-41.73	-13.00	-28.73	Pass
10662.80	V	-46.18	2.38	-43.80	-13.00	-30.80	Pass
12794.93	V	-48.27	3.78	-44.49	-13.00	-31.49	Pass
4265.22	Horizontal	-30.03	-6.46	-36.49	-13.00	-23.49	Pass
6398.19	H	-39.55	-1.10	-40.65	-13.00	-27.65	Pass
8529.29	H	-42.75	1.25	-41.50	-13.00	-28.50	Pass
10663.61	H	-45.82	2.38	-43.44	-13.00	-30.44	Pass
12793.61	H	-47.60	3.78	-43.82	-13.00	-30.82	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
4307.78	Vertical	-29.27	-6.42	-35.69	-13.00	-22.69	Pass
6462.60	V	-39.99	-1.06	-41.05	-13.00	-28.05	Pass
8616.83	V	-42.75	1.29	-41.46	-13.00	-28.46	Pass
10771.30	V	-45.70	2.42	-43.28	-13.00	-30.28	Pass
12925.25	V	-47.57	3.82	-43.75	-13.00	-30.75	Pass
4307.35	Horizontal	-30.22	-6.42	-36.64	-13.00	-23.64	Pass
6463.69	H	-40.33	-1.06	-41.39	-13.00	-28.39	Pass
8617.03	H	-43.31	1.29	-42.02	-13.00	-29.02	Pass
10770.16	H	-45.76	2.42	-43.34	-13.00	-30.34	Pass
12925.88	H	-47.91	3.82	-44.09	-13.00	-31.09	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
1739.20	Vertical	-20.22	-13.75	-33.97	-13.00	-20.97	Pass
2609.69	V	-33.16	-11.36	-44.52	-13.00	-31.52	Pass
3479.74	V	-35.56	-8.71	-44.27	-13.00	-31.27	Pass
4347.40	V	-38.99	-6.09	-45.08	-13.00	-32.08	Pass
5219.00	V	-41.13	-3.56	-44.69	-13.00	-31.69	Pass
1738.06	Horizontal	-23.29	-13.75	-37.04	-13.00	-24.04	Pass
2609.76	H	-32.56	-11.36	-43.92	-13.00	-30.92	Pass
3477.71	H	-36.11	-8.71	-44.82	-13.00	-31.82	Pass
4347.03	H	-39.45	-6.09	-45.54	-13.00	-32.54	Pass
5216.72	H	-41.14	-3.56	-44.70	-13.00	-31.70	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
1762.93	Vertical	-20.70	-13.71	-34.41	-13.00	-21.41	Pass
2646.00	V	-32.88	-11.32	-44.20	-13.00	-31.20	Pass
3525.77	V	-36.13	-8.67	-44.80	-13.00	-31.80	Pass
4406.90	V	-38.83	-6.05	-44.88	-13.00	-31.88	Pass
5289.09	V	-40.67	-3.52	-44.19	-13.00	-31.19	Pass
1761.71	Horizontal	-23.80	-13.71	-37.51	-13.00	-24.51	Pass
2644.09	H	-33.13	-11.32	-44.45	-13.00	-31.45	Pass
3525.17	H	-35.56	-8.67	-44.23	-13.00	-31.23	Pass
4406.29	H	-38.66	-6.05	-44.71	-13.00	-31.71	Pass
5288.74	H	-40.90	-3.52	-44.42	-13.00	-31.42	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
1786.52	Vertical	-20.74	-13.67	-34.41	-13.00	-21.41	Pass
2678.57	V	-32.64	-11.28	-43.92	-13.00	-30.92	Pass
3572.38	V	-35.96	-8.63	-44.59	-13.00	-31.59	Pass
4466.29	V	-38.96	-6.01	-44.97	-13.00	-31.97	Pass
5358.39	V	-40.56	-3.48	-44.04	-13.00	-31.04	Pass
1786.91	Horizontal	-23.23	-13.67	-36.90	-13.00	-23.90	Pass
2681.32	H	-32.75	-11.28	-44.03	-13.00	-31.03	Pass
3571.93	H	-35.58	-8.63	-44.21	-13.00	-31.21	Pass
4466.62	H	-38.70	-6.01	-44.71	-13.00	-31.71	Pass
5359.15	H	-41.23	-3.48	-44.71	-13.00	-31.71	Pass

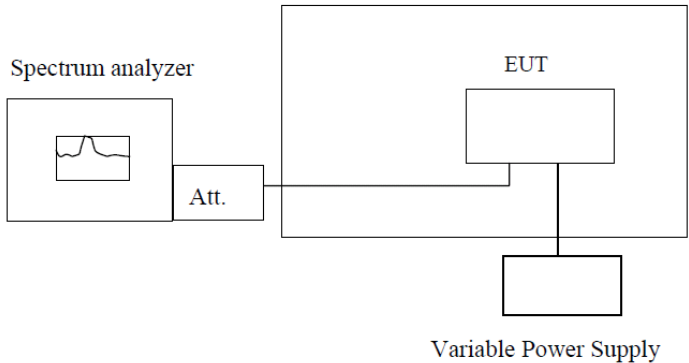
Test mode:		LTE Band 7(5MHz)		Test channel:		Lowest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5243.79	Vertical	-32.27	-3.50	-35.77	-25.00	-10.77	Pass
7866.70	V	-43.11	1.01	-42.10	-25.00	-17.10	Pass
10490.51	V	-45.73	2.20	-43.53	-25.00	-18.53	Pass
13111.80	V	-48.76	3.92	-44.84	-25.00	-19.84	Pass
15734.39	V	-50.80	4.25	-46.55	-25.00	-21.55	Pass
5244.65	Horizontal	-33.31	-3.50	-36.81	-25.00	-11.81	Pass
7867.94	H	-42.75	1.01	-41.74	-25.00	-16.74	Pass
10490.03	H	-45.93	2.20	-43.73	-25.00	-18.73	Pass
13113.07	H	-48.55	3.92	-44.63	-25.00	-19.63	Pass
15735.95	H	-51.48	4.25	-47.23	-25.00	-22.23	Pass
Test mode:		LTE Band 7(5MHz)		Test channel:		Middle	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5308.88	Vertical	-32.32	-3.46	-35.78	-25.00	-10.78	Pass
7965.48	V	-43.02	1.05	-41.97	-25.00	-16.97	Pass
10619.99	V	-46.45	2.24	-44.21	-25.00	-19.21	Pass
13276.13	V	-49.46	3.96	-45.50	-25.00	-20.50	Pass
15931.34	V	-50.99	4.29	-46.70	-25.00	-21.70	Pass
5310.04	Horizontal	-33.17	-3.46	-36.63	-25.00	-11.63	Pass
7964.56	H	-42.99	1.05	-41.94	-25.00	-16.94	Pass
10618.75	H	-45.62	2.24	-43.38	-25.00	-18.38	Pass
13274.84	H	-49.11	3.96	-45.15	-25.00	-20.15	Pass
15929.18	H	-50.52	4.29	-46.23	-25.00	-21.23	Pass
Test mode:		LTE Band 7(5MHz)		Test channel:		Highest	
Frequency (MHz)	Polarization	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5374.11	Vertical	-32.44	-3.42	-35.86	-25.00	-10.86	Pass
8062.30	V	-43.40	1.09	-42.31	-25.00	-17.31	Pass
10749.89	V	-45.52	2.28	-43.24	-25.00	-18.24	Pass
13437.94	V	-48.86	4.00	-44.86	-25.00	-19.86	Pass
16125.82	V	-51.20	4.33	-46.87	-25.00	-21.87	Pass
5375.99	Horizontal	-33.48	-3.42	-36.90	-25.00	-11.90	Pass
8061.44	H	-42.63	1.09	-41.54	-25.00	-16.54	Pass
10749.64	H	-46.18	2.28	-43.90	-25.00	-18.90	Pass
13438.26	H	-49.17	4.00	-45.17	-25.00	-20.17	Pass
16124.46	H	-50.62	4.33	-46.29	-25.00	-21.29	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
4222.45	Vertical	-30.46	-6.50	-36.96	-13.00	-23.96	Pass
6332.03	V	-40.93	-1.13	-42.06	-13.00	-29.06	Pass
8444.10	V	-43.86	1.22	-42.64	-13.00	-29.64	Pass
10553.86	V	-46.30	2.34	-43.96	-13.00	-30.96	Pass
12664.21	V	-48.04	3.74	-44.30	-13.00	-31.30	Pass
4222.47	Horizontal	-31.32	-6.50	-37.82	-13.00	-24.82	Pass
6331.60	H	-40.55	-1.13	-41.68	-13.00	-28.68	Pass
8441.49	H	-43.95	1.22	-42.73	-13.00	-29.73	Pass
10554.87	H	-46.55	2.34	-44.21	-13.00	-31.21	Pass
12663.48	H	-48.90	3.74	-45.16	-13.00	-32.16	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
4265.38	Vertical	-29.64	-6.46	-36.10	-13.00	-23.10	Pass
6398.06	V	-40.13	-1.09	-41.22	-13.00	-28.22	Pass
8530.02	V	-43.77	1.26	-42.51	-13.00	-29.51	Pass
10661.32	V	-46.29	2.38	-43.91	-13.00	-30.91	Pass
12796.36	V	-48.75	3.78	-44.97	-13.00	-31.97	Pass
4263.75	Horizontal	-31.09	-6.46	-37.55	-13.00	-24.55	Pass
6398.82	H	-40.35	-1.09	-41.44	-13.00	-28.44	Pass
8529.64	H	-43.61	1.26	-42.35	-13.00	-29.35	Pass
10661.37	H	-46.66	2.38	-44.28	-13.00	-31.28	Pass
12794.01	H	-48.53	3.78	-44.75	-13.00	-31.75	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
4307.77	Vertical	-30.25	-6.42	-36.67	-13.00	-23.67	Pass
6463.86	V	-40.09	-1.05	-41.14	-13.00	-28.14	Pass
8618.45	V	-43.31	1.30	-42.01	-13.00	-29.01	Pass
10771.99	V	-46.62	2.42	-44.20	-13.00	-31.20	Pass
12926.65	V	-48.27	3.82	-44.45	-13.00	-31.45	Pass
4309.73	Horizontal	-31.07	-6.42	-37.49	-13.00	-24.49	Pass
6462.28	H	-40.21	-1.05	-41.26	-13.00	-28.26	Pass
8618.23	H	-43.49	1.30	-42.19	-13.00	-29.19	Pass
10770.99	H	-46.55	2.42	-44.13	-13.00	-31.13	Pass
12925.88	H	-48.14	3.82	-44.32	-13.00	-31.32	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:	Pass (Please refer to ANNEX for the test results)

5 Photos of test setup

Reference to the **appendix I Test Setup Photo** for details.

6 Photos of EUT

Reference to the **appendix II external photos** and **appendix III internal photos** for details.

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

