



TEST REPORT

Test item description: 10 Slots Charge Station with Screen
FCC ID: 2A73PCF-010
Trademark(s): charge **FUZE** 
Model/Type reference: CF-010
Applicant's name: Fuze Technology, Inc.
Address: 3100 E 12th St Los Angeles CA 90023
Manufacturer: Shenzhen Welink Energy Co., LTD
Address: No. 8-4, Longwangmiao Road, Baishixia Community, Fuyong Street, Baoan District, Shenzhen, Guangdong, China
Prepared By: Shenzhen CTB Testing Technology Co., Ltd.
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Sample Received Date: Nov. 11, 2025
Sample tested Date: Nov. 11, 2025 to Dec. 29, 2025
Issue Date: Dec. 29, 2025
Report No.: CTB25111314003RF03
Test Standards: FCC Part 2, 22, 24E, 27
Test Results: PASS
Remark: This is LTE radio test report.

Compiled by:

Reviewed by:

Approved by:

Kai Chen

Martin Feng

Bin Mei

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Note: If there is any objection to the inspection results in this report, please submit a written report to the company within 15 days from the date of receiving the report. The test report is effective only with both signature and specialized stamp. This result(s) shown in this report refer only to the sample(s) tested. Without written approval of Shenzhen CTB Testing Technology Co., Ltd. this report can't be reproduced except in full. The tested sample(s) and the sample information are provided by the client. "*" indicates the testing items were fulfilled by subcontracted lab. "#" indicates the items are not in CNAS accreditation scope.

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(Note: N/A means not applicable)



1. VERSION

Report No.	Issue Date	Description	Approved
CTB25111314003RF03	Dec. 29, 2025	Original	Valid

2. TEST SUMMARY

The Product has been tested according to the following specifications:

Test Item	Test Requirement	Test method	Refer to module report	Result
Conducted output power	Part 2.1046(a)	TIA-603-E-2016 & KDB 971168 D01v03r01	HR/2019/1001 601	PASS
Effective Radiated Power of Transmitter(EIRP)	Part 22.913(a)(5)/Part27.50(h)(2)	TIA-603-E-2016 & KDB 971168 D01v03r01	/	PASS
peak-to-average ratio	Part 27.50(d)	KDB 971168 D01v03r01	HR/2019/1001 601	PASS
99% & 26dB Occupied Bandwidth	Part 2.1049(h)	KDB 971168 D01v03r01	HR/2019/1001 601	PASS
Band Edge at antenna terminals	Part 2.1051/ Part 22.917(a)/Part 27.53(m) (4)	KDB 971168 D01v03r01	HR/2019/1001 601	PASS
Spurious emissions at antenna terminals	Part 2.1051/ Part 22.917(a)/Part 27.53(m) (4)	TIA-603-E-2016 & KDB 971168 D01v03r01	HR/2019/1001 601	PASS
Field strength of spurious radiation	Part 2.1053/ Part 22.917(a)/Part 27.53(m) (4)	TIA-603-E-2016 & KDB 971168 D01v03r01	/	PASS
Frequency stability	Part 2.1055/Part 27.54	TIA-603-E-2016 & KDB 971168 D01v03r01	HR/2019/1001 601	PASS
Refer to Module FCC ID: XMR201903EG25G				

3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the Product as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Item	Uncertainty
Occupancy bandwidth	54.3kHz
Conducted output power Above 1G	0.9dB
Conducted output power below 1G	0.9dB
Power Spectral Density , Conduction	0.9dB
Conduction spurious emissions	2.0dB
Out of band emission	2.0dB
3m camber Radiated spurious emission(30MHz-1GHz)	4.6dB
3m chamber Radiated spurious emission(1GHz-18GHz)	5.1dB
3m chamber Radiated spurious emission(18GHz-40GHz)	3.4dB
Receiver Reference Sensitivity level	1.9dB
humidity uncertainty	5.5%
Temperature uncertainty	0.63°C
frequency	1×10 ⁻⁷

4. PRODUCT INFORMATION AND TEST SETUP

4.1 Product Information

Model/Type reference:	CF-010
Model Description:	N/A
Hardware Version:	V1.0
Software Version:	V2.1.1
Operation Frequency:	FDD-LTE BAND 2: 1850-1910MHz FDD-LTE BAND 4: 1710-1755MHz FDD-LTE BAND 5: 824-849MHz FDD-LTE BAND 7: 2500-2570MHz FDD-LTE BAND 12: 699-716MHz
Max. RF output power:	LTE BAND 2: 26.14dBm LTE BAND 4: 28.88dBm LTE BAND 5: 23.14dBm LTE BAND 7: 27.24dBm LTE BAND 12: 24.80dBm
Type of Modulation:	QPSK, 16QAM
Antenna installation:	circular box antenna
Antenna Gain:	LTE BAND 2: 2.34dBi LTE BAND 4: 3.97dBi LTE BAND 5: -0.86dBi LTE BAND 7: 3.37dBi LTE BAND 12: 0.5dBi
Ratings:	INPUT: 100-240V~50/60Hz 2.0A Max OUTPUT: 5VDC 1.5A

4.2 Test Setup Configuration

See test photographs attached in EUT TEST SETUP PHOTOGRAPHS for the actual connections between Product and support equipment.

4.3 Support Equipment

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note

Notes:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

4.4 Test Mode

Test Mode List		
Test Mode	Description	Remark
TM1	FDD-LTE BAND 2	Low, Middle, High Channels
TM2	FDD-LTE BAND 4	Low, Middle, High Channels
TM3	FDD-LTE BAND 5	Low, Middle, High Channels
TM4	FDD-LTE BAND 7	Low, Middle, High Channels
TM5	FDD-LTE BAND 12	Low, Middle, High Channels

4.5 Test Environment

Humidity(%):	54
Atmospheric Pressure(kPa):	101
Normal Voltage(AC):	120V
Normal Temperature(°C)	23
Low Temperature(°C)	0
High Temperature(°C)	40

5. TEST FACILITY AND TEST INSTRUMENT USED

5.1 Test Facility

All measurement facilities used to collect the measurement data are located at 1&2F., Building A, No. 26, Xinghe Road, Xinqiao, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, China. The site and apparatus are constructed in conformance with the requirements of ANSI C63.4 and CISPR 16-1-1 other equivalent standards.

FCC Test Firm Registration Number: CN1276

5.2 Test Instrument Used

No.	Equipment	Manufacturer	Type No.	Serial No.	Firmware Version	Calibrated Date	Calibrated until
1	Spectrum Analyzer	Agilent	N9020A	MY52090073	A.14.16	2025/5/23	2026/5/22
2	Power Sensor	Agilent	U2021XA	MY56120032	/	2025/5/23	2026/5/22
3	Power Sensor	Agilent	U2021XA	MY56120034	/	2025/5/23	2026/5/22
4	Communication test set	R&S	CMW500	108058	V3.5.80	2025/5/23	2026/5/22
5	Spectrum Analyzer	KEYSIGHT	N9020A	MY51289897	A.14.16	2025/5/23	2026/5/22
6	Signal Generator	Agilent	N5181A	MY50140365	A.01.60	2025/5/22	2026/5/21
7	Vector signal generator	Agilent	N5182A	MY47420195	A.01.87	2025/5/22	2026/5/21
8	Communication test set	Agilent	E5515C	MY50102567	B.19.07 (E1962B)	2025/5/22	2026/5/21
9	2.4 GHz Filter	Shenxiang	MSF2400-2483. 5MS-1154	20181015001	/	2025/6/18	2026/6/17
10	5 GHz Filter	Shenxiang	MSF5150-5850 MS-1155	20181015001	/	2025/6/18	2026/6/17
11	Filter	Xingbo	XBLBQ-DZA120	190821-1-1	/	2025/5/24	2026/5/23
12	BT&WI-FI Automatic test software	Microwave	MTS8310	Ver. 2.0.0.0	/	/	/
13	Rohde & Schwarz SFU Broadcast Test System	R&S	SFU	101017	/	2025/10/20	2026/10/19
14	Temperature humidity chamber	Hongjing	TH-80CH	DG-15174	/	2025/5/22	2026/5/21
15	234G Automatic test software	Microwave	MTS8200	Ver. 2.0.0.0	/	/	/
16	966 chamber	C.R.T.	966	/	/	2024/6/23	2027/6/22
17	Receiver	R&S	ESPI	100362	RF_ATTEN_7 (104489/003)	2025/5/23	2026/5/22
18	Amplifier	HP	8447E	2945A02747	/	2025/5/23	2026/5/22

19	Amplifier	Agilent	8449B	3008A01838	/	2025/6/2	2026/6/1
20	TRILOG Broadband Antenna	Schwarzbeck	VULB 9168	00869	/	2025/6/29	2026/6/28
21	Double Ridged Broadband Horn Antenna	Schwarzbeck	BBHA9120D	01911	/	2025/6/1	2026/5/31
22	EMI test software	Fala	EZ-EMC	FA-03A2 RE	/	/	/
23	Loop Antenna	Schwarzbeck	FMZB 1519B	1519B-224	/	2025/6/2	2026/6/1
24	loop antenna	ZHINAN	ZN30900A	GTS534	/	/	/
25	40G Horn antenna	A/H/System	SAS-574	588	/	2025/6/2	2026/6/1
26	Amplifier	AEROFLEX	Aeroflex	097	/	2025/6/2	2026/6/1
27	Power Metter	KEYSIGHT	N1912AP	N/A	A.05.00	2025/6/2	2026/6/1

6. RF EXPOSURE

6.1 Standard Applicable

According to §1.1307 and §2.1091, §2.1093, the portable transmitter must comply the RF exposure requirements.

6.2 Test Result

This product complied with the requirement of the RF exposure, please see the RF Exposure report.

7. RF OUTPUT POWER

7.1 Standard Applicable

According to §22.913(a)(2), the ERP of mobile and portable stations transmitters and auxiliary test transmitters must not exceed 7 Watts.

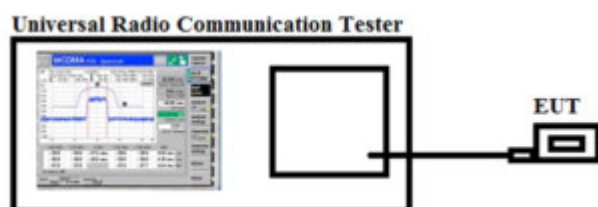
According to §24.232(c), mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

According to §27.50(d)(4), fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

According to §27.50(c)(10), portable stations (hand-held devices) in the 698-746 MHz band are limited to 3 watts ERP.

7.2 Test Procedure

Conducted output power test method:



Radiated power test method:

1. The setup of EUT is according with per ANSI/TIA Standard 603E and ANSI C63.26 measurement procedure.
2. The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and polarization as well as EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. The test was performed by placing the EUT on 3-orthogonal axis.
3. The frequency range up to tenth harmonic of the fundamental frequency was investigated.
4. Remove the EUT and replace it with substitution antenna. A signal generator was connected to the substitution antenna by a non-radiating cable. The absolute levels of the spurious emissions were measured by the substitution.

7.3 Summary of Test Results/Plots

Note: For conducted test data, please refer to the report HR/2019/1001601.
For EIRP, use the new ANT gain to calculate and result as below

QPSK

Mode	Channel.	Maximum Output Power [dBm]	Ant gain	EIRP[dBm]	Limit [dBm]	Verdict
LTE BAND 2 QPSK(worst mode)	LCH	23.80	2.34	26.14	33	PASS
	MCH	22.96	2.34	25.30	33	PASS
	HCH	23.20	2.34	25.54	33	PASS
LTE BAND 4 QPSK(worst mode)	LCH	23.76	3.97	27.73	30	PASS
	MCH	24.91	3.97	28.88	30	PASS
	HCH	23.34	3.97	27.31	30	PASS
LTE BAND 5 QPSK(worst mode)	LCH	23.53	-0.86	22.67	38.45	PASS
	MCH	24.00	-0.86	23.14	38.45	PASS
	HCH	23.54	-0.86	22.68	38.45	PASS
LTE BAND 7 QPSK(worst mode)	LCH	23.55	3.37	26.92	33	PASS
	MCH	23.73	3.37	27.10	33	PASS
	HCH	23.87	3.37	27.24	33	PASS
LTE BAND 12 QPSK(worst mode)	LCH	23.97	0.5	24.47	34.77	PASS
	MCH	24.30	0.5	24.80	34.77	PASS
	HCH	24.01	0.5	24.51	34.77	PASS

16QAM

Mode	Channel.	Maximum Output Power [dBm]	Ant gain	EIRP[dBm]	Limit [dBm]	Verdict
LTE BAND 2 16QAM (worst mode)	LCH	22.35	2.34	24.69	33	PASS
	MCH	22.47	2.34	24.81	33	PASS
	HCH	22.41	2.34	24.75	33	PASS
LTE BAND 4 16QAM (worst mode)	LCH	22.59	3.97	26.56	30	PASS
	MCH	22.44	3.97	26.41	30	PASS
	HCH	22.53	3.97	26.50	30	PASS
LTE BAND 5 16QAM (worst mode)	LCH	22.73	-0.86	21.87	38.45	PASS
	MCH	22.49	-0.86	21.63	38.45	PASS
	HCH	22.62	-0.86	21.76	38.45	PASS
LTE BAND 7 16QAM (worst mode)	LCH	21.91	3.37	25.28	33	PASS
	MCH	22.04	3.37	25.41	33	PASS
	HCH	22.00	3.37	25.37	33	PASS
LTE BAND 12 16QAM (worst mode)	LCH	22.82	0.5	23.32	34.77	PASS
	MCH	22.78	0.5	23.28	34.77	PASS
	HCH	22.68	0.5	23.18	34.77	PASS

8. PEAK-TO-AVERAGE RATIO (PAR) OF TRANSMITTER

8.1 Standard Applicable

According to §24.232(d), power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph (e) of this section. In both instances, equipment employed must be authorized in accordance with the provisions of §24.51, in measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

According to §27.50(B), the peak-to-average power ratio (PAPR) of the transmitter output power must not exceed 13 dB. The PAPR measurements should be made using either an instrument with complementary cumulative distribution function (CCDF) capabilities to determine that PAPR will not exceed 13 dB for more than 0.1 percent of the time or other Commission approved procedure. The measurement must be performed using a signal

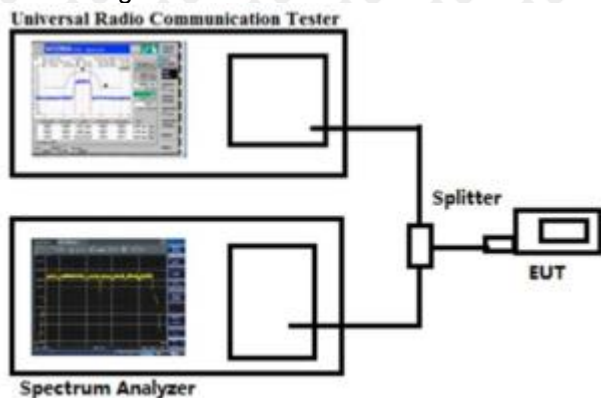
corresponding to the highest PAPR expected during periods of continuous transmission.

8.2 Test Procedure

According with KDB 971168

1. The signal analyzer's CCDF measurement profile is enabled
2. Frequency = carrier center frequency
3. Measurement BW > Emission bandwidth of signal
4. The signal analyzer was set to collect one million samples to generate the CCDF curve
5. The measurement interval was set depending on the type of signal analyzed. For continuous signals (>98% duty cycle), the measurement interval was set to 1ms. For burst transmissions, the spectrum analyzer is set to use an internal "RF Burst" trigger that is synced with an incoming pulse and the measurement interval is set to less than the duration of the "on time" of one burst to ensure that energy is only captured during a time in which the transmitter is operating at maximum power

Test Configuration for the emission bandwidth testing:



8.3 Summary of Test Results

Note: For test data, please refer to the report HR/2019/1001601.

9. EMISSION BANDWIDTH

9.1 Standard Applicable

According to §22.917(b), the emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

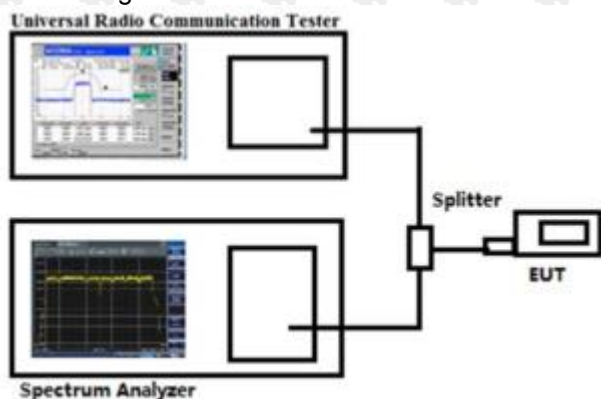
According to §24.238(b), the emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

According to §27.53, the emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

9.2 Test Procedure

According to §22.917(b), the emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

Test Configuration for the emission bandwidth testing:



9.3 Summary of Test Results/Plots

Note: For test data, please refer to the report HR/2019/1001601.

10. OUT OF BAND EMISSIONS AT ANTENNA TERMINAL

10.1 Standard Applicable

According to §22.917(a), the power of any emissions outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

According to §24.238(a), the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

According to §27.53 (c) For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log(P)$ dB;

(2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log(P)$ dB;

(3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $76 + 10 \log(P)$ dB in a 6.25 kHz band segment, for base and fixed stations;

(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $65 + 10 \log(P)$ dB in a 6.25 kHz band segment, for mobile and portable stations;

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

According to §27.53 (f) For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

According to §27.53(h), the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ dB.

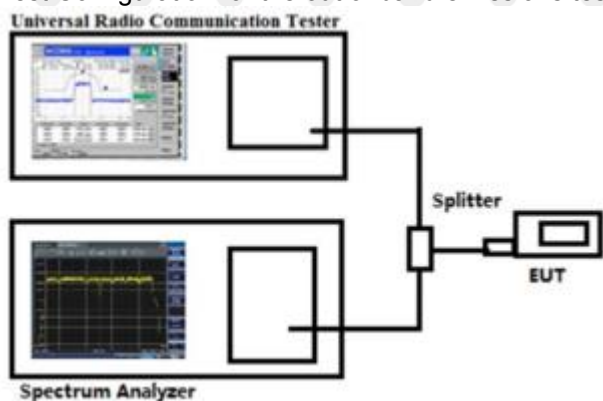
According to §27.53(g), for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log(P)$ dB.

According to §27.53(m)(4), for mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log(P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log(P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log(P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log(P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log(P)$ dB at or below 2490.5 MHz.

10.2 Test Procedure

The RF output terminal of the transmitter was connected to the input of the spectrum analyzer via a suitable attenuation. The RBW of the spectrum analyzer was set to 100kHz and 1MHz for the scan frequency from 30MHz to 1GHz and the scan frequency from 1GHz to up to 10 th harmonic.

Test Configuration for the out of band emissions testing:



10.3 Summary of Test Results/Plots

Note: For test data, please refer to the report HR/2019/1001601.

11. SPURIOUS RADIATED EMISSIONS

11.1 Standard Applicable

According to §22.917(a), the power of any emissions outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

According to §24.238(a), the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

According to §27.53 (c) For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log(P)$ dB;

(2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log(P)$ dB;

(3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $76 + 10 \log(P)$ dB in a 6.25 kHz band segment, for base and fixed stations;

(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $65 + 10 \log(P)$ dB in a 6.25 kHz band segment, for mobile and portable stations;

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

According to §27.53 (f) For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

According to §27.53(h), the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log(P)$ dB.

According to §27.53(g) the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log(P)$ dB.

11.2 Test Procedure

1. The setup of EUT is according with per ANSI/TIA-603-E and ANSI C63.4-2014 measurement procedure.
 2. The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and polarization as well as EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. The test was performed by placing the EUT on 3-orthogonal axis.
 3. The frequency range up to tenth harmonic of the fundamental frequency was investigated.
 4. Remove the EUT and replace it with substitution antenna. A signal generator was connected to the substitution antenna by a non-radiating cable. The absolute levels of the spurious emissions were measured by the substitution.
- Spurious attenuation limit in dB = $43 + 10 \log_{10}(\text{power out in Watts})$

11.3 Summary of Test Results/Plots

- Note: 1. this EUT was tested in 3 orthogonal positions and the worst case position data was reported.
2. All test modes (different bandwidth and different modulation) are performed, but only the worst case is recorded in this report.

Test Data:
QPSK

Band 2 18607 channel/BW1.4(lowest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1371.54	157	172	-58.86	-13	-45.86	Pass	H
1751.24	158	246	-50.46	-13	-37.46	Pass	H
3943.61	150	103	-49.16	-13	-36.16	Pass	H
5889.07	152	199	-42.26	-13	-29.26	Pass	H
6587.56	147	290	-43.99	-13	-30.99	Pass	H
7982.53	159	288	-42.97	-13	-29.97	Pass	H
1218.37	156	211	-55.42	-13	-42.42	Pass	V
1452.65	146	183	-60.08	-13	-47.08	Pass	V
3509.88	140	196	-50.96	-13	-37.96	Pass	V
3829.01	147	302	-52.93	-13	-39.93	Pass	V
5707.05	157	117	-46.95	-13	-33.95	Pass	V
6577.77	149	22	-48.74	-13	-35.74	Pass	V
Band 2 18900 channel/BW1.4(middle channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1293.99	150	294	-58.05	-13	-45.05	Pass	H
1787.38	146	132	-49.17	-13	-36.17	Pass	H
3944.31	150	155	-49.36	-13	-36.36	Pass	H
5962.12	146	313	-44.03	-13	-31.03	Pass	H
6372.99	149	280	-48.15	-13	-35.15	Pass	H
7968.54	151	224	-48.35	-13	-35.35	Pass	H
1171.13	149	90	-53.09	-13	-40.09	Pass	V
1484.18	148	310	-56.16	-13	-43.16	Pass	V
3525.02	147	62	-55.44	-13	-42.44	Pass	V
3928.64	148	144	-51.18	-13	-38.18	Pass	V
5831.55	150	279	-50.73	-13	-37.73	Pass	V
6519.20	150	306	-46.91	-13	-33.91	Pass	V

Band 2 19193 channel/BW1.4(highest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1408.64	148	350	-54.27	-13	-41.27	Pass	H
1763.37	153	102	-53.98	-13	-40.98	Pass	H
3834.72	150	180	-46.78	-13	-33.78	Pass	H
5850.18	149	302	-42.79	-13	-29.79	Pass	H
6561.86	153	129	-45.07	-13	-32.07	Pass	H
7908.54	146	150	-43.45	-13	-30.45	Pass	H
1304.71	150	214	-56.73	-13	-43.73	Pass	V
1377.37	146	2	-56.05	-13	-43.05	Pass	V
3434.79	152	356	-51.37	-13	-38.37	Pass	V
3892.08	152	59	-48.98	-13	-35.98	Pass	V
5852.40	152	223	-40.66	-13	-27.66	Pass	V
6558.59	155	105	-49.38	-13	-36.38	Pass	V

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Band 2 18607 channel/BW1.4(lowest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1368.88	150	241	-56.01	-13	-43.01	Pass	H
1774.46	153	259	-46.10	-13	-33.10	Pass	H
3860.83	146	1	-50.69	-13	-37.69	Pass	H
5876.00	148	243	-42.43	-13	-29.43	Pass	H
6609.19	147	155	-46.74	-13	-33.74	Pass	H
8022.27	149	279	-39.79	-13	-26.79	Pass	H
1094.52	149	147	-51.45	-13	-38.45	Pass	V
1353.89	149	183	-55.02	-13	-42.02	Pass	V
3587.39	148	70	-50.17	-13	-37.17	Pass	V
3936.13	154	29	-50.23	-13	-37.23	Pass	V
5839.29	147	136	-46.85	-13	-33.85	Pass	V
6539.82	153	104	-51.43	-13	-38.43	Pass	V

Band 2 18900 channel/BW1.4(middle channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1424.40	152	122	-55.46	-13	-41.45	Pass	H
1789.06	153	136	-48.96	-13	-37.85	Pass	H
3832.46	147	324	-49.85	-13	-35.2	Pass	H
6012.76	145	159	-42.25	-13	-30.39	Pass	H
6554.05	149	344	-47.30	-13	-32.24	Pass	H
8141.83	150	59	-44.00	-13	-30.22	Pass	H
1166.63	145	110	-59.40	-13	-44.9	Pass	V
1355.79	154	351	-57.42	-13	-43.63	Pass	V
3496.68	147	170	-46.36	-13	-35.94	Pass	V
3860.98	148	46	-48.04	-13	-36.01	Pass	V
5804.15	145	161	-47.89	-13	-33.75	Pass	V
6518.78	149	230	-46.96	-13	-32.41	Pass	V
Band 2 19193 channel/BW1.4(highest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1266.75	148	184	-56.24	-13	-43.24	Pass	H
1652.55	154	254	-52.34	-13	-39.34	Pass	H
3977.27	154	193	-45.77	-13	-32.77	Pass	H
5825.46	145	40	-41.25	-13	-28.25	Pass	H
6603.78	153	68	-40.18	-13	-27.18	Pass	H
8158.57	148	267	-46.42	-13	-33.42	Pass	H
1264.45	155	330	-58.16	-13	-45.16	Pass	V
1458.89	148	125	-55.93	-13	-42.93	Pass	V
3604.01	153	326	-50.22	-13	-37.22	Pass	V
3880.59	149	350	-52.31	-13	-39.31	Pass	V
5748.93	148	297	-44.95	-13	-31.95	Pass	V
6602.85	149	305	-46.57	-13	-33.57	Pass	V

Note:

- 1) Scan from 9kHz to 40GHz, the disturbance above 13GHz and below 1GHz are attenuated more than 20 dB below the applicable limit and not required to be reported, the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.
- 2) Tested with all kind of bandwidth, RB Size and RB Offset, Found the 1.4MHz with full RB were the worst case; and then Only the worst case is recorded in the report.

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Band 4 19957 channel/BW1.4(lowest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1261.63	149	350	-57.20	-13	-44.20	Pass	H
1731.92	152	360	-43.81	-13	-30.81	Pass	H
3833.88	154	189	-49.06	-13	-36.06	Pass	H
5890.84	147	336	-48.75	-13	-35.75	Pass	H
6564.07	153	140	-43.09	-13	-30.09	Pass	H
8074.87	155	225	-38.51	-13	-25.51	Pass	H
1111.69	145	125	-52.71	-13	-39.71	Pass	V
1379.97	147	285	-55.24	-13	-42.24	Pass	V
3680.17	148	63	-51.02	-13	-38.02	Pass	V
3844.88	152	104	-52.86	-13	-39.86	Pass	V
5887.80	152	94	-44.68	-13	-31.68	Pass	V
6565.78	145	116	-49.27	-13	-36.27	Pass	V
Band 4 20175 channel/BW1.4(middle channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1406.80	147	269	-54.98	-13	-41.98	Pass	H
1722.43	149	125	-45.47	-13	-32.47	Pass	H
3829.58	146	286	-49.76	-13	-36.76	Pass	H
5882.55	146	94	-43.72	-13	-30.72	Pass	H
6602.83	152	193	-41.74	-13	-28.74	Pass	H
8054.93	149	342	-43.69	-13	-30.69	Pass	H
1244.49	151	199	-59.73	-13	-46.73	Pass	V
1449.10	154	132	-60.79	-13	-47.79	Pass	V
3450.07	154	40	-50.66	-13	-37.66	Pass	V
3793.73	150	111	-45.21	-13	-32.21	Pass	V
5832.32	151	312	-46.71	-13	-33.71	Pass	V
6563.48	155	95	-47.34	-13	-34.34	Pass	V

Band 4 20393 channel/BW1.4(highest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1290.30	153	264	-50.26	-13	-37.26	Pass	H
1671.78	149	160	-51.88	-13	-38.88	Pass	H
3901.34	146	105	-44.12	-13	-31.12	Pass	H
5961.31	147	201	-40.88	-13	-27.88	Pass	H
6524.67	147	48	-44.98	-13	-31.98	Pass	H
7988.82	151	78	-44.87	-13	-31.87	Pass	H
1209.42	150	349	-52.62	-13	-39.62	Pass	V
1436.52	147	28	-59.23	-13	-46.23	Pass	V
3463.59	153	67	-52.25	-13	-39.25	Pass	V
3805.91	154	235	-45.23	-13	-32.23	Pass	V
5733.20	152	190	-46.47	-13	-33.47	Pass	V
6605.07	151	327	-47.52	-13	-34.52	Pass	V

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Band 4 19957 channel/BW1.4(lowest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1243.65	150	42	-58.26	-13	-45.26	Pass	H
1737.82	148	228	-51.44	-13	-38.44	Pass	H
3973.23	149	19	-53.00	-13	-40.00	Pass	H
5844.64	149	140	-46.51	-13	-33.51	Pass	H
6465.87	146	315	-47.84	-13	-34.84	Pass	H
7960.17	146	323	-50.37	-13	-37.37	Pass	H
1181.76	152	193	-56.80	-13	-43.80	Pass	V
1531.06	154	129	-52.61	-13	-39.61	Pass	V
3511.31	148	186	-49.92	-13	-36.92	Pass	V
3883.47	150	171	-45.64	-13	-32.64	Pass	V
5815.98	145	58	-45.89	-13	-32.89	Pass	V
6573.39	149	187	-51.05	-13	-38.05	Pass	V

Band 4 20175 channel/BW1.4(middle channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1265.16	152	142	-54.82	-13	-41.82	Pass	H
1766.89	150	323	-52.30	-13	-39.30	Pass	H
3850.89	149	307	-48.35	-13	-35.35	Pass	H
5795.37	147	171	-41.37	-13	-28.37	Pass	H
6494.01	149	169	-47.65	-13	-34.65	Pass	H
8003.62	147	249	-48.81	-13	-35.81	Pass	H
1210.55	152	249	-52.53	-13	-39.53	Pass	V
1392.52	155	311	-62.39	-13	-49.39	Pass	V
3543.77	152	117	-49.63	-13	-36.63	Pass	V
3902.26	152	324	-54.36	-13	-41.36	Pass	V
5756.11	145	312	-49.85	-13	-36.85	Pass	V
6592.77	145	145	-51.30	-13	-38.30	Pass	V
Band 4 20393 channel/BW1.4(highest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1320.50	151	109	-57.91	-13	-44.91	Pass	H
1581.67	154	122	-53.01	-13	-40.01	Pass	H
3769.10	154	141	-45.12	-13	-32.12	Pass	H
5846.48	145	260	-43.10	-13	-30.10	Pass	H
6499.27	149	156	-44.85	-13	-31.85	Pass	H
7968.55	153	115	-46.05	-13	-33.05	Pass	H
1226.43	152	286	-54.97	-13	-41.97	Pass	V
1345.90	149	317	-50.62	-13	-37.62	Pass	V
3485.95	150	351	-53.15	-13	-40.15	Pass	V
3820.16	147	173	-43.66	-13	-30.66	Pass	V
5704.03	152	153	-44.68	-13	-31.68	Pass	V
6548.19	150	72	-47.22	-13	-34.22	Pass	V

Note:

3) Scan from 9kHz to 40GHz, the disturbance above 13GHz and below 1GHz are attenuated more than 20 dB below the applicable limit and not required to be reported, the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

4) Tested with all kind of bandwidth, RB Size and RB Offset, Found the 1.4MHz with full RB were the worst case; and then Only the worst case is recorded in the report.

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Band 5 20407 channel/BW1.4(lowest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1341.99	160	246	-59.36	-13	-46.36	Pass	H
1785.69	154	127	-50.54	-13	-37.54	Pass	H
3835.11	160	332	-46.55	-13	-33.55	Pass	H
5896.54	150	255	-43.08	-13	-30.08	Pass	H
6488.00	152	353	-46.04	-13	-33.04	Pass	H
7990.99	153	158	-43.14	-13	-30.14	Pass	H
1193.95	154	260	-56.97	-13	-43.97	Pass	V
1468.34	156	342	-56.48	-13	-43.48	Pass	V
3489.91	140	350	-51.11	-13	-38.11	Pass	V
3785.14	144	200	-53.26	-13	-40.26	Pass	V
5733.65	158	73	-48.52	-13	-35.52	Pass	V
6562.88	160	7	-48.98	-13	-35.98	Pass	V
Band 5 20525 channel/BW1.4(middle channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1204.70	150	80	-53.42	-13	-40.42	Pass	H
1634.78	146	102	-51.81	-13	-38.81	Pass	H
3902.67	150	295	-48.64	-13	-35.64	Pass	H
5831.70	146	259	-43.89	-13	-30.89	Pass	H
6524.82	149	272	-47.92	-13	-34.92	Pass	H
8065.06	151	162	-46.60	-13	-33.60	Pass	H
1267.72	149	189	-51.48	-13	-38.48	Pass	V
1486.65	148	160	-58.32	-13	-45.32	Pass	V
3577.26	147	153	-53.85	-13	-40.85	Pass	V
3886.13	148	202	-51.21	-13	-38.21	Pass	V
5793.40	150	240	-46.69	-13	-33.69	Pass	V
6530.86	150	40	-49.51	-13	-36.51	Pass	V

Band 5 20643 channel/BW1.4(highest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1385.66	151	320	-54.05	-13	-41.05	Pass	H
1658.83	154	329	-53.71	-13	-40.71	Pass	H
3925.18	154	235	-44.37	-13	-31.37	Pass	H
5959.79	149	324	-38.54	-13	-25.54	Pass	H
6455.06	145	2	-41.00	-13	-28.00	Pass	H
8091.09	149	240	-42.51	-13	-29.51	Pass	H
1227.18	153	274	-57.02	-13	-44.02	Pass	V
1420.35	147	196	-57.35	-13	-44.35	Pass	V
3531.41	147	96	-53.76	-13	-40.76	Pass	V
3975.04	146	78	-46.88	-13	-33.88	Pass	V
5770.70	146	162	-42.09	-13	-29.09	Pass	V
6650.87	150	30	-45.03	-13	-32.03	Pass	V

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Band 5 20407 channel/BW1.4(lowest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1276.68	147	86	-56.45	-13	-43.45	Pass	H
1709.33	148	299	-48.22	-13	-35.22	Pass	H
3867.06	148	154	-46.58	-13	-33.58	Pass	H
5827.19	152	113	-47.65	-13	-34.65	Pass	H
6586.38	149	2	-42.89	-13	-29.89	Pass	H
7904.91	147	341	-42.09	-13	-29.09	Pass	H
1145.30	154	352	-49.61	-13	-36.61	Pass	V
1514.57	149	203	-57.46	-13	-44.46	Pass	V
3654.17	154	119	-51.19	-13	-38.19	Pass	V
3955.78	150	72	-51.68	-13	-38.68	Pass	V
5758.58	151	318	-44.56	-13	-31.56	Pass	V
6641.36	153	45	-49.23	-13	-36.23	Pass	V

Band 5 20525 channel/BW1.4(middle channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1237.43	150	289	-56.07	-13	-41.45	Pass	H
1650.20	150	206	-52.18	-13	-37.85	Pass	H
3854.13	151	109	-49.74	-13	-35.2	Pass	H
5935.56	151	244	-42.63	-13	-30.39	Pass	H
6575.14	145	89	-43.25	-13	-32.24	Pass	H
8154.99	147	263	-40.36	-13	-30.22	Pass	H
1182.87	148	184	-59.27	-13	-44.9	Pass	V
1427.80	146	259	-53.69	-13	-43.63	Pass	V
3603.03	146	304	-49.41	-13	-35.94	Pass	V
3916.48	149	5	-49.05	-13	-36.01	Pass	V
5802.66	151	69	-46.90	-13	-33.75	Pass	V
6532.88	146	127	-44.15	-13	-32.41	Pass	V
Band 5 20643 channel/BW1.4(highest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1351.32	150	140	-54.64	-13	-41.64	Pass	H
1708.63	150	289	-48.02	-13	-35.02	Pass	H
3856.43	151	49	-42.93	-13	-29.93	Pass	H
5938.99	148	174	-40.03	-13	-27.03	Pass	H
6409.93	153	113	-42.66	-13	-29.66	Pass	H
8056.16	145	144	-42.12	-13	-29.12	Pass	H
1111.37	154	65	-54.53	-13	-41.53	Pass	V
1560.01	149	263	-61.40	-13	-48.40	Pass	V
3495.47	152	115	-52.47	-13	-39.47	Pass	V
3916.05	146	249	-49.99	-13	-36.99	Pass	V
5843.71	146	358	-51.35	-13	-38.35	Pass	V
6461.01	154	232	-42.70	-13	-29.70	Pass	V

Note:

5) Scan from 9kHz to 40GHz, the disturbance above 13GHz and below 1GHz are attenuated more than 20 dB below the applicable limit and not required to be reported, the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

6) Tested with all kind of bandwidth, RB Size and RB Offset, Found the 1.4MHz with full RB were the worst case; and then Only the worst case is recorded in the report.

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Band 7 20775 channel/BW 5(lowest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1342.19	148	32	-55.55	-13	-42.55	Pass	H
1616.76	151	24	-50.02	-13	-37.02	Pass	H
3770.84	147	36	-48.20	-13	-35.20	Pass	H
5970.00	153	81	-45.80	-13	-32.80	Pass	H
6569.39	151	202	-41.25	-13	-28.25	Pass	H
7909.68	149	132	-39.35	-13	-26.35	Pass	H
1162.05	150	83	-52.32	-13	-39.32	Pass	V
1463.33	151	356	-55.69	-13	-42.69	Pass	V
3612.06	154	264	-49.41	-13	-36.41	Pass	V
3807.03	149	76	-53.54	-13	-40.54	Pass	V
5874.91	147	217	-43.80	-13	-30.80	Pass	V
6527.79	154	211	-44.33	-13	-31.33	Pass	V

Band 7 21100 channel/BW 5 (middle channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1249.49	152	96	-51.77	-13	-38.77	Pass	H
1778.01	147	19	-45.19	-13	-32.19	Pass	H
3932.78	147	315	-47.98	-13	-34.98	Pass	H
6004.21	148	60	-38.32	-13	-25.32	Pass	H
6568.89	153	105	-43.28	-13	-30.28	Pass	H
8051.20	145	277	-47.36	-13	-34.36	Pass	H
1127.85	155	258	-55.80	-13	-42.80	Pass	V
1425.59	153	109	-56.70	-13	-43.70	Pass	V
3633.41	148	163	-49.14	-13	-36.14	Pass	V
3953.76	153	214	-44.11	-13	-31.11	Pass	V
5755.06	146	270	-41.16	-13	-28.16	Pass	V
6448.40	151	235	-42.76	-13	-29.76	Pass	V

Band 7 21425 channel/BW 5 (highest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1304.24	145	195	-55.79	-13	-42.79	Pass	H
1604.85	146	289	-50.98	-13	-37.98	Pass	H
3934.04	154	182	-44.36	-13	-31.36	Pass	H
5933.13	152	186	-41.50	-13	-28.50	Pass	H
6529.24	152	228	-43.25	-13	-30.25	Pass	H
8027.51	154	12	-42.31	-13	-29.31	Pass	H
1247.28	150	295	-52.40	-13	-39.40	Pass	V
1523.23	146	238	-54.32	-13	-41.32	Pass	V
3524.11	154	277	-49.28	-13	-36.28	Pass	V
3889.39	146	286	-46.69	-13	-33.69	Pass	V
5892.23	154	338	-50.01	-13	-37.01	Pass	V
6459.40	150	110	-44.80	-13	-31.80	Pass	V

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Band 7 20775 channel/BW 5 (lowest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1419.02	145	290	-58.74	-13	-45.74	Pass	H
1673.98	155	121	-50.15	-13	-37.15	Pass	H
3879.14	154	220	-49.27	-13	-36.27	Pass	H
5940.12	151	73	-48.07	-13	-35.07	Pass	H
6417.83	152	120	-46.53	-13	-33.53	Pass	H
8037.80	151	122	-45.43	-13	-32.43	Pass	H
1159.66	148	349	-60.47	-13	-47.47	Pass	V
1476.21	148	60	-56.29	-13	-43.29	Pass	V
3608.94	147	357	-49.36	-13	-36.36	Pass	V
3901.14	151	265	-45.97	-13	-32.97	Pass	V
5737.33	153	302	-47.34	-13	-34.34	Pass	V
6621.16	151	129	-44.33	-13	-31.33	Pass	V

Band 7 21100 channel/BW 5 (middle channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1365.20	146	276	-57.97	-13	-44.97	Pass	H
1705.68	147	198	-53.92	-13	-40.92	Pass	H
3840.56	152	167	-49.84	-13	-36.84	Pass	H
5949.17	155	309	-41.19	-13	-28.19	Pass	H
6442.95	152	339	-51.96	-13	-38.96	Pass	H
8100.52	152	36	-47.11	-13	-34.11	Pass	H
1312.33	152	240	-52.14	-13	-39.14	Pass	V
1421.80	148	287	-66.00	-13	-53.00	Pass	V
3501.64	145	51	-51.38	-13	-38.38	Pass	V
3975.16	149	348	-50.61	-13	-37.61	Pass	V
5858.02	149	310	-50.20	-13	-37.20	Pass	V
6424.19	152	172	-48.84	-13	-35.84	Pass	V

Band 7 21425 channel/BW 5 (highest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1316.50	149	188	-59.23	-13	-46.23	Pass	H
1659.41	151	286	-53.28	-13	-40.28	Pass	H
3756.35	150	20	-49.23	-13	-36.23	Pass	H
5862.53	149	354	-41.58	-13	-28.58	Pass	H
6472.67	145	264	-42.39	-13	-29.39	Pass	H
8000.57	153	245	-47.54	-13	-34.54	Pass	H
1220.75	152	1	-56.09	-13	-43.09	Pass	V
1345.71	148	62	-53.99	-13	-40.99	Pass	V
3452.03	149	317	-50.10	-13	-37.10	Pass	V
3837.14	148	320	-45.24	-13	-32.24	Pass	V
5749.79	146	15	-43.65	-13	-30.65	Pass	V
6536.93	146	337	-50.13	-13	-37.13	Pass	V

Note:

7) Scan from 9kHz to 40GHz, the disturbance above 13GHz and below 1GHz are attenuated more than 20 dB below the applicable limit and not required to be reported, the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

8) Tested with all kind of bandwidth, RB Size and RB Offset, Found the 1.4MHz with full RB were the worst case; and then Only the worst case is recorded in the report.

QPSK

Band 12 23017 channel/BW1.4(lowest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1276.92	155	131	-59.54	-13	-46.54	Pass	H
1657.00	148	83	-50.69	-13	-37.69	Pass	H
3862.14	151	277	-44.82	-13	-31.82	Pass	H
5891.79	148	344	-43.53	-13	-30.53	Pass	H
6593.89	150	263	-41.96	-13	-28.96	Pass	H
8162.59	156	114	-42.62	-13	-29.62	Pass	H
1274.06	157	89	-54.17	-13	-41.17	Pass	V
1544.14	148	317	-56.95	-13	-43.95	Pass	V
3473.51	150	178	-50.34	-13	-37.34	Pass	V
3832.94	151	65	-51.92	-13	-38.92	Pass	V
5890.92	157	64	-45.95	-13	-32.95	Pass	V
6540.00	143	223	-45.14	-13	-32.14	Pass	V
Band 12 23095 channel/BW1.4(middle channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1303.18	150	97	-55.64	-13	-42.64	Pass	H
1770.84	146	332	-53.45	-13	-40.45	Pass	H
3914.28	150	58	-53.35	-13	-40.35	Pass	H
5945.12	146	161	-43.82	-13	-30.82	Pass	H
6378.36	149	91	-50.47	-13	-37.47	Pass	H
8015.72	151	60	-51.29	-13	-38.29	Pass	H
1281.68	149	65	-51.84	-13	-38.84	Pass	V
1457.29	148	175	-61.29	-13	-48.29	Pass	V
3586.79	147	75	-52.39	-13	-39.39	Pass	V
3845.26	148	255	-50.14	-13	-37.14	Pass	V
5858.45	150	117	-50.19	-13	-37.19	Pass	V
6566.75	150	109	-49.12	-13	-36.12	Pass	V

Band 12 23173 channel/BW1.4(highest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1345.67	146	171	-57.76	-13	-44.76	Pass	H
1758.40	155	122	-50.24	-13	-37.24	Pass	H
3844.52	154	316	-43.64	-13	-30.64	Pass	H
5933.62	146	354	-40.54	-13	-27.54	Pass	H
6527.60	147	64	-45.08	-13	-32.08	Pass	H
8038.12	145	154	-42.20	-13	-29.20	Pass	H
1160.51	147	235	-54.13	-13	-41.13	Pass	V
1499.50	148	183	-56.73	-13	-43.73	Pass	V
3623.14	152	44	-55.23	-13	-42.23	Pass	V
3941.75	148	282	-46.99	-13	-33.99	Pass	V
5803.69	149	89	-43.28	-13	-30.28	Pass	V
6667.04	147	292	-50.53	-13	-37.53	Pass	V

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Band 12 23017 channel/BW1.4(lowest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1379.32	145	275	-56.91	-13	-43.91	Pass	H
1702.78	152	325	-48.35	-13	-35.35	Pass	H
3827.15	148	60	-50.64	-13	-37.64	Pass	H
5922.66	151	45	-44.73	-13	-31.73	Pass	H
6543.25	145	87	-45.24	-13	-32.24	Pass	H
7934.95	146	259	-44.56	-13	-31.56	Pass	H
1198.41	153	263	-50.08	-13	-37.08	Pass	V
1484.67	152	324	-53.26	-13	-40.26	Pass	V
3507.03	146	160	-49.67	-13	-36.67	Pass	V
3920.65	153	294	-53.68	-13	-40.68	Pass	V
5769.33	150	161	-43.05	-13	-30.05	Pass	V
6485.90	153	314	-48.95	-13	-35.95	Pass	V

Band 12 23095 channel/BW1.4(middle channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1430.54	150	49	-53.66	-13	-41.45	Pass	H
1729.74	146	197	-50.63	-13	-37.85	Pass	H
3908.51	152	315	-50.94	-13	-35.2	Pass	H
5937.99	147	308	-45.71	-13	-30.39	Pass	H
6582.94	154	89	-46.77	-13	-32.24	Pass	H
8120.78	146	94	-40.53	-13	-30.22	Pass	H
1216.00	151	78	-60.55	-13	-44.9	Pass	V
1284.69	152	252	-56.56	-13	-43.63	Pass	V
3448.77	148	247	-51.27	-13	-35.94	Pass	V
3925.18	147	159	-46.53	-13	-36.01	Pass	V
5827.99	148	247	-43.48	-13	-33.75	Pass	V
6460.61	152	304	-41.96	-13	-32.41	Pass	V
Band 12 23173 channel/BW1.4(highest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1241.22	149	283	-58.71	-13	-45.71	Pass	H
1793.45	153	246	-48.04	-13	-35.04	Pass	H
3924.27	147	277	-40.37	-13	-27.37	Pass	H
5825.85	155	341	-40.30	-13	-27.30	Pass	H
6521.64	147	244	-42.65	-13	-29.65	Pass	H
8004.41	146	14	-42.97	-13	-29.97	Pass	H
1266.50	148	290	-52.88	-13	-39.88	Pass	V
1477.56	154	91	-55.49	-13	-42.49	Pass	V
3517.50	151	229	-47.71	-13	-34.71	Pass	V
3771.15	151	214	-53.49	-13	-40.49	Pass	V
5787.98	150	332	-46.43	-13	-33.43	Pass	V
6524.29	152	356	-42.97	-13	-29.97	Pass	V

Note:

9) Scan from 9kHz to 40GHz, the disturbance above 13GHz and below 1GHz are attenuated more than 20 dB below the applicable limit and not required to be reported, the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

10) Tested with all kind of bandwidth, RB Size and RB Offset, Found the 1.4MHz with full RB were the worst case; and then Only the worst case is recorded in the report.

12. FREQUENCY STABILITY

12.1 Standard Applicable

According to §22.355, §24.235, §27.54 the limit is 2.5ppm.

12.2 Test Procedure

According to §2.1055, the following test procedure was performed.

The Frequency Stability is measured directly with a Frequency Domain Analyzer. Frequency Deviation in ppm is calculated from the measured peak to peak value.

The Carrier Frequency Stability over Power Supply Voltage and over Temperature is measured with a Frequency Domain Analyzer in histogram mode

12.3 Summary of Test Results/Plots

Note: For test data, please refer to the report HR/2019/1001601.

***** END OF REPORT *****