



TEST REPORT

Test item description: Popular edition 4-port stacking series Shared Charging Cabinet
FCC ID: 2BVUD-BST0267
Trademark(s): Besiter
Model/Type reference: BST-0267, BST-0267+G, BST-0267+K, BST-0264, BST-0264+G, BST-0264+K, BST-0265, BST-0265+G, BST-0265+K, BST-0266, BST-0266+G, BST-0266+K
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Sample Received Date: Dec. 02, 2025
Sample tested Date: Dec. 02, 2025 to Mar. 17, 2026
Issue Date: Mar. 17, 2026
Report No.: CTB25120212301RF02
Test Standards: FCC Part 2, 22, 24E, 27
Test Results: PASS
Remark: This is LTE radio test report.

Compiled by:

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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
CTB25120212301RF02	Mar. 17, 2026	Original	Valid

2. TEST SUMMARY

The Product has been tested according to the following specifications:

Test Item	Test Requirement	Test method	Result
Conducted output power	Part 2.1046(a)	TIA-603-E-2016 & KDB 971168 D01v03r01	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	PASS
99% & 26dB Occupied Bandwidth	Part 2.1049(h)	KDB 971168 D01v03r01	PASS
Band Edge at antenna terminals	Part 2.1051/ Part 22.917(a)/Part 27.53(m) (4)	KDB 971168 D01v03r01	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	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	PASS

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:	BST-0267, BST-0267+G, BST-0267+K, BST-0264, BST-0264+G, BST-0264+K, BST-0265, BST-0265+G, BST-0265+K, BST-0266, BST-0266+G, BST-0266+K
Model Description:	All the model are the same circuit and RF module, only the The stacking quantity of 4-port units varies, and the power of the power adapter is different. Test sample model: BST-0267
Hardware Version:	V1
Software Version:	V1
Operation Frequency:	FDD-LTE BAND 5: 824-849MHz FDD-LTE BAND 7: 2500-2570MHz TDD-LTE BAND 38: 2570-2620MHz TDD-LTE BAND 40A: 2305-2315MHz TDD-LTE BAND 40B: 2350-2360MHz TDD-LTE BAND 41: 2535-2655MHz
Max. RF output power:	FDD-LTE BAND 5: 25.14dBm FDD-LTE BAND 7: 23.01dBm TDD-LTE BAND 38: 24.49dBm TDD-LTE BAND 40A: 22.68dBm TDD-LTE BAND 40B: 23.06dBm TDD-LTE BAND 41: 24.32dBm
Type of Modulation:	QPSK, 16QAM
Antenna installation:	FPC antenna
Antenna Gain:	FDD-LTE BAND 5: 1.52dBi FDD-LTE BAND 7: 2.79dBi TDD-LTE BAND 38: 2.55dBi TDD-LTE BAND 40A: 2.39dBi TDD-LTE BAND 40B: 2.19dBi TDD-LTE BAND 41: 2.98dBi
Ratings:	INPUT: AC100-240V 50/60Hz, 0.6A (BST-0264) OUTPUT: DC 12V, 2.0A INPUT: AC100-240V 50/60Hz, 1.2A (BST-0265) OUTPUT: DC 12V, 3.5A INPUT: AC100-240V 50/60Hz, 1.5A (BST-0266, BST-0267) OUTPUT: DC 12V, 5.4A

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 5	Low, Middle, High Channels
TM2	FDD-LTE BAND 7	Low, Middle, High Channels
TM3	TDD-LTE BAND 38	Low, Middle, High Channels
TM4	TDD-LTE BAND 40A	Low, Middle, High Channels
TM5	TDD-LTE BAND 40B	Low, Middle, High Channels
TM6	TDD-LTE BAND 41	Low, Middle, High Channels

4.5 Test Environment

Humidity(%):	54
Atmospheric Pressure(kPa):	101
Normal Voltage(DC):	5V
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, Xinhe 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.

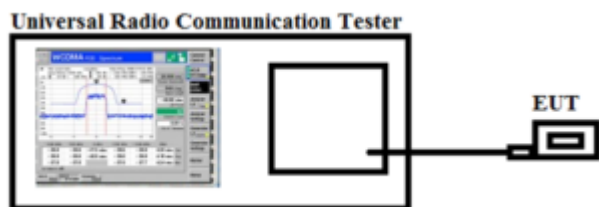
According to §24.232(c), mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

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

Please refer to Appendix 1: Conducted output power

Test result: 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

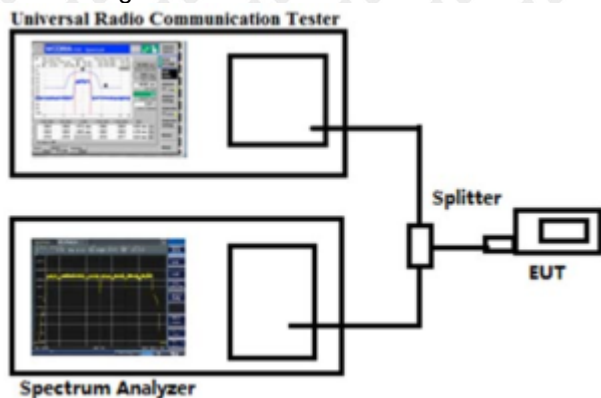
corresponding to the highest PAPR expected during periods of continuous transmission.

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

Please refer to Appendix 3: Peak-to-Average Ratio

Test result: Pass

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.

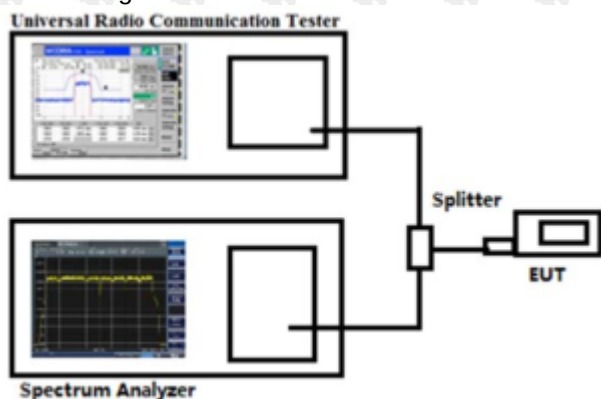
According to §24.238(b), the emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

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

Please refer to Appendix 4: 26dB Bandwidth and Occupied Bandwidth
Test result: Pass

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.

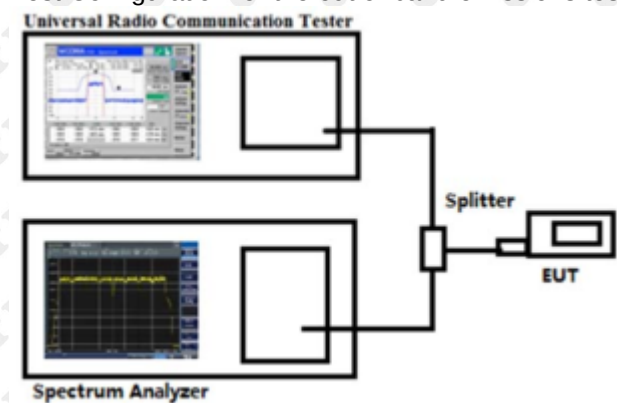
According to §27.53(g), for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log(P)$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

Please refer to Appendix 5 & 6: Band Edge & Conducted Spurious Emission

Test result: Pass

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 $43 + 10 \log_{10}(P)$ 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.

QPSK

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.
1380.58	145	175	-55.68	-13	-42.68	Pass	H
1633.69	149	108	-46.52	-13	-33.52	Pass	H
3829.03	145	89	-45.25	-13	-32.25	Pass	H
5856.59	156	252	-44.67	-13	-31.67	Pass	H
6591.34	152	219	-42.28	-13	-29.28	Pass	H
8077.57	147	173	-45.05	-13	-32.05	Pass	H
1233.83	156	212	-55.70	-13	-42.70	Pass	V
1438.24	148	215	-56.11	-13	-43.11	Pass	V
3598.68	150	85	-48.14	-13	-35.14	Pass	V
3847.16	153	52	-49.53	-13	-36.53	Pass	V
5813.21	157	265	-49.21	-13	-36.21	Pass	V
6630.78	144	74	-47.09	-13	-34.09	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.
1220.60	150	301	-56.65	-13	-43.65	Pass	H
1787.27	146	65	-49.05	-13	-36.05	Pass	H
3792.88	150	227	-48.53	-13	-35.53	Pass	H
5887.89	146	207	-44.41	-13	-31.41	Pass	H
6397.07	149	1	-47.81	-13	-34.81	Pass	H
8011.67	151	41	-45.58	-13	-32.58	Pass	H
1268.70	149	129	-56.39	-13	-43.39	Pass	V
1403.09	148	23	-60.02	-13	-47.02	Pass	V
3616.75	147	179	-54.73	-13	-41.73	Pass	V
3840.10	148	207	-48.42	-13	-35.42	Pass	V
5819.27	150	235	-47.48	-13	-34.48	Pass	V
6559.96	150	152	-45.90	-13	-32.90	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.
1306.66	154	89	-55.22	-13	-42.22	Pass	H
1593.79	148	240	-50.91	-13	-37.91	Pass	H
3943.94	152	307	-47.05	-13	-34.05	Pass	H
5892.81	146	224	-39.41	-13	-26.41	Pass	H
6500.44	151	334	-43.88	-13	-30.88	Pass	H
8042.71	149	142	-47.58	-13	-34.58	Pass	H
1322.51	152	21	-58.77	-13	-45.77	Pass	V
1431.50	145	320	-59.35	-13	-46.35	Pass	V
3433.63	153	323	-51.32	-13	-38.32	Pass	V
3856.52	146	294	-48.07	-13	-35.07	Pass	V
5854.87	146	331	-44.58	-13	-31.58	Pass	V
6521.12	151	37	-46.63	-13	-33.63	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.
1353.54	149	266	-59.47	-13	-46.47	Pass	H
1689.11	153	216	-49.16	-13	-36.16	Pass	H
3829.86	151	199	-49.18	-13	-36.18	Pass	H
5897.86	153	282	-43.47	-13	-30.47	Pass	H
6545.07	147	129	-45.86	-13	-32.86	Pass	H
7925.82	150	194	-41.61	-13	-28.61	Pass	H
1183.28	155	27	-54.01	-13	-41.01	Pass	V
1479.21	148	77	-58.33	-13	-45.33	Pass	V
3569.17	148	74	-48.58	-13	-35.58	Pass	V
3968.89	153	210	-50.33	-13	-37.33	Pass	V
5887.07	151	279	-42.44	-13	-29.44	Pass	V
6546.52	147	321	-46.98	-13	-33.98	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.
1248.64	151	238	-51.72	-13	-41.45	Pass	H
1684.88	145	85	-47.17	-13	-37.85	Pass	H
3915.35	153	164	-45.23	-13	-35.2	Pass	H
5833.43	152	247	-39.60	-13	-30.39	Pass	H
6526.01	146	78	-46.32	-13	-32.24	Pass	H
8003.91	151	148	-45.46	-13	-30.22	Pass	H
1228.61	149	110	-54.51	-13	-44.9	Pass	V
1332.55	146	105	-57.69	-13	-43.63	Pass	V
3617.57	153	278	-51.67	-13	-35.94	Pass	V
3802.03	145	183	-49.66	-13	-36.01	Pass	V
5894.43	153	229	-45.43	-13	-33.75	Pass	V
6509.62	152	46	-47.22	-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.
1340.70	151	17	-55.23	-13	-42.23	Pass	H
1656.02	146	165	-51.28	-13	-38.28	Pass	H
3935.75	155	347	-41.27	-13	-28.27	Pass	H
5954.02	149	189	-40.98	-13	-27.98	Pass	H
6555.71	148	27	-37.60	-13	-24.60	Pass	H
8086.87	148	0	-45.71	-13	-32.71	Pass	H
1168.73	147	133	-54.25	-13	-41.25	Pass	V
1496.95	151	202	-62.13	-13	-49.13	Pass	V
3553.43	147	62	-50.17	-13	-37.17	Pass	V
3778.91	152	161	-48.53	-13	-35.53	Pass	V
5899.81	148	40	-51.57	-13	-38.57	Pass	V
6520.20	149	47	-44.91	-13	-31.91	Pass	V

Note:

- 1) Scan from 9kHz to 25GHz, 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 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.
1285.98	148	210	-55.18	-13	-42.18	Pass	H
1665.47	149	249	-48.40	-13	-35.40	Pass	H
3819.28	146	61	-52.39	-13	-39.39	Pass	H
5856.57	149	283	-42.69	-13	-29.69	Pass	H
6486.01	146	282	-47.65	-13	-34.65	Pass	H
7940.35	145	333	-44.59	-13	-31.59	Pass	H
1164.94	147	62	-55.11	-13	-42.11	Pass	V
1460.86	150	56	-54.00	-13	-41.00	Pass	V
3662.40	151	299	-53.03	-13	-40.03	Pass	V
3867.63	150	326	-53.77	-13	-40.77	Pass	V
5945.14	150	174	-47.27	-13	-34.27	Pass	V
6529.57	153	23	-46.78	-13	-33.78	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.
1313.04	153	45	-55.32	-13	-42.32	Pass	H
1795.67	154	345	-51.20	-13	-38.20	Pass	H
3932.00	153	325	-50.16	-13	-37.16	Pass	H
6017.13	148	111	-42.74	-13	-29.74	Pass	H
6446.48	153	103	-45.33	-13	-32.33	Pass	H
8142.99	151	160	-47.80	-13	-34.80	Pass	H
1132.30	155	2	-53.94	-13	-40.94	Pass	V
1314.16	153	313	-60.54	-13	-47.54	Pass	V
3592.60	148	143	-47.93	-13	-34.93	Pass	V
3920.15	152	134	-50.04	-13	-37.04	Pass	V
5806.35	148	2	-40.49	-13	-27.49	Pass	V
6482.56	150	132	-46.69	-13	-33.69	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.
1294.92	146	351	-55.34	-13	-42.34	Pass	H
1709.35	153	129	-50.71	-13	-37.71	Pass	H
3995.19	150	193	-43.26	-13	-30.26	Pass	H
5828.66	151	208	-41.74	-13	-28.74	Pass	H
6492.20	147	189	-41.91	-13	-28.91	Pass	H
8016.08	155	272	-39.43	-13	-26.43	Pass	H
1149.91	154	204	-56.50	-13	-43.50	Pass	V
1483.32	147	16	-55.11	-13	-42.11	Pass	V
3601.33	152	319	-52.00	-13	-39.00	Pass	V
3744.34	148	130	-47.45	-13	-34.45	Pass	V
5890.56	146	104	-50.00	-13	-37.00	Pass	V
6573.42	145	4	-49.68	-13	-36.68	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.
1375.19	147	45	-55.84	-13	-42.84	Pass	H
1755.41	149	274	-54.72	-13	-41.72	Pass	H
3880.77	146	145	-50.26	-13	-37.26	Pass	H
5916.76	149	194	-47.35	-13	-34.35	Pass	H
6585.88	151	206	-47.29	-13	-34.29	Pass	H
7917.14	152	246	-50.47	-13	-37.47	Pass	H
1197.86	151	91	-53.83	-13	-40.83	Pass	V
1388.47	148	35	-51.85	-13	-38.85	Pass	V
3574.58	150	137	-46.79	-13	-33.79	Pass	V
3838.34	150	120	-45.69	-13	-32.69	Pass	V
5745.82	152	348	-47.65	-13	-34.65	Pass	V
6506.82	151	284	-48.49	-13	-35.49	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.
1272.49	151	50	-56.46	-13	-43.46	Pass	H
1656.59	148	9	-55.99	-13	-42.99	Pass	H
3911.28	150	318	-45.36	-13	-32.36	Pass	H
5905.20	154	344	-46.11	-13	-33.11	Pass	H
6551.76	148	359	-50.68	-13	-37.68	Pass	H
7973.85	149	339	-45.70	-13	-32.70	Pass	H
1259.84	146	277	-55.69	-13	-42.69	Pass	V
1476.12	147	255	-65.34	-13	-52.34	Pass	V
3503.90	151	101	-54.47	-13	-41.47	Pass	V
3929.80	155	167	-52.79	-13	-39.79	Pass	V
5910.20	146	51	-52.20	-13	-39.20	Pass	V
6417.45	148	232	-46.89	-13	-33.89	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.
1325.19	147	351	-59.19	-13	-46.19	Pass	H
1586.03	146	304	-52.23	-13	-39.23	Pass	H
3823.05	148	360	-47.53	-13	-34.53	Pass	H
5843.18	150	155	-41.64	-13	-28.64	Pass	H
6514.01	149	110	-40.07	-13	-27.07	Pass	H
7918.27	148	126	-44.81	-13	-31.81	Pass	H
1222.69	149	177	-52.15	-13	-39.15	Pass	V
1393.84	153	227	-54.57	-13	-41.57	Pass	V
3452.99	150	349	-52.75	-13	-39.75	Pass	V
3844.94	150	90	-48.70	-13	-35.70	Pass	V
5787.75	151	38	-41.54	-13	-28.54	Pass	V
6552.51	148	196	-48.11	-13	-35.11	Pass	V

QPSK							
Band 38 37775 channel/BW 5(lowest channel)							
Frequency	Height	Azimuth	Spurious Emission Level (dBm)	Limit	Over Limit (dB)	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)		(dBm)			
1368.11	148	82	-55.81	-25	-30.81	Pass	H
1764.58	153	112	-50.12	-25	-25.12	Pass	H
3955.81	147	333	-49.27	-25	-24.27	Pass	H
5863.56	154	67	-43.13	-25	-18.13	Pass	H
6539.83	148	138	-48.13	-25	-23.13	Pass	H
7898.47	152	62	-45.77	-25	-20.77	Pass	H
1145.79	153	118	-61.69	-25	-36.69	Pass	V
1422.62	147	104	-58.76	-25	-33.76	Pass	V
3643.12	153	93	-47.30	-25	-22.30	Pass	V
3856.31	149	273	-52.24	-25	-27.24	Pass	V
5756.79	149	50	-42.84	-25	-17.84	Pass	V
6510.14	153	73	-49.29	-25	-24.29	Pass	V
Band 38 38000 channel/BW 5(middle channel)							
Frequency	Height	Azimuth	Spurious Emission Level (dBm)	Limit	Over Limit (dB)	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)		(dBm)			
1234.84	146	328	-58.98	-25	-33.98	Pass	H
1625.99	153	102	-46.95	-25	-21.95	Pass	H
3802.23	149	92	-51.18	-25	-26.18	Pass	H
5758.13	146	22	-48.74	-25	-23.74	Pass	H
6398.05	145	357	-43.03	-25	-18.03	Pass	H
7897.60	147	132	-43.40	-25	-18.40	Pass	H
1121.18	152	287	-60.64	-25	-35.64	Pass	V
1339.89	154	244	-57.03	-25	-32.03	Pass	V
3469.78	151	96	-49.10	-25	-24.10	Pass	V
3738.11	149	3	-51.83	-25	-26.83	Pass	V
5703.66	150	244	-46.97	-25	-21.97	Pass	V
6454.15	145	192	-50.33	-25	-25.33	Pass	V

Band 38 38225 channel/BW 5(highest channel)							
Frequency	Height	Azimuth	Spurious Emission Level (dBm)	Limit	Over Limit (dB)	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)		(dBm)			
1415.22	146	106	-54.35	-25	-29.35	Pass	H
1679.80	148	8	-46.50	-25	-21.50	Pass	H
3952.48	150	0	-51.16	-25	-26.16	Pass	H
5834.96	154	104	-40.41	-25	-15.41	Pass	H
6531.32	154	344	-42.86	-25	-17.86	Pass	H
8082.56	149	358	-46.21	-25	-21.21	Pass	H
1260.54	149	273	-57.76	-25	-32.76	Pass	V
1407.41	146	10	-58.12	-25	-33.12	Pass	V
3607.86	154	93	-54.53	-25	-29.53	Pass	V
3750.38	150	158	-52.46	-25	-27.46	Pass	V
5830.75	153	121	-41.39	-25	-16.39	Pass	V
6530.40	149	70	-48.45	-25	-23.45	Pass	V
16QAM							
Band 38 37775 channel/BW 5(lowest channel)							
Frequency	Height	Azimuth	Spurious Emission Level (dBm)	Limit	Over Limit (dB)	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)		(dBm)			
1240.18	150	127	-51.52	-25	-26.52	Pass	H
1769.28	149	299	-48.51	-25	-23.51	Pass	H
3920.26	152	129	-47.76	-25	-22.76	Pass	H
5928.33	151	138	-49.98	-25	-24.98	Pass	H
6465.06	149	72	-46.93	-25	-21.93	Pass	H
8018.02	146	139	-40.52	-25	-15.52	Pass	H
1295.84	154	123	-58.04	-25	-33.04	Pass	V
1534.67	155	273	-51.85	-25	-26.85	Pass	V
3512.03	154	198	-51.36	-25	-26.36	Pass	V
3902.72	145	24	-46.93	-25	-21.93	Pass	V
5855.96	151	86	-44.09	-25	-19.09	Pass	V
6498.39	152	109	-50.37	-25	-25.37	Pass	V

Band 38 38000 channel/BW 5(middle channel)							
Frequency	Height	Azimuth	Spurious Emission Level	Limit	Over Limit	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)	(dBm)	(dBm)	(dB)		
1342.19	151	165	-56.08	-25	-31.08	Pass	H
1739.26	152	305	-53.54	-25	-28.54	Pass	H
3996.75	154	138	-47.26	-25	-22.26	Pass	H
5769.26	148	311	-47.64	-25	-22.64	Pass	H
6440.18	154	259	-51.31	-25	-26.31	Pass	H
8043.50	146	48	-42.06	-25	-17.06	Pass	H
1316.64	150	281	-59.96	-25	-34.96	Pass	V
1458.54	149	29	-60.86	-25	-35.86	Pass	V
3596.42	147	284	-51.43	-25	-26.43	Pass	V
3873.17	153	300	-53.76	-25	-28.76	Pass	V
5732.80	148	68	-45.71	-25	-20.71	Pass	V
6626.29	153	14	-52.26	-25	-27.26	Pass	V
Band 38 38225 channel/BW 5(highest channel)							
Frequency	Height	Azimuth	Spurious Emission Level	Limit	Over Limit	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)	(dBm)	(dBm)	(dB)		
1409.43	150	173	-54.60	-25	-29.60	Pass	H
1757.16	150	256	-49.63	-25	-24.63	Pass	H
3868.96	148	238	-51.01	-25	-26.01	Pass	H
5930.06	155	146	-46.84	-25	-21.84	Pass	H
6596.12	152	118	-46.69	-25	-21.69	Pass	H
8023.41	152	298	-45.93	-25	-20.93	Pass	H
1199.45	148	339	-62.96	-25	-37.96	Pass	V
1399.69	152	356	-56.72	-25	-31.72	Pass	V
3573.03	152	242	-45.92	-25	-20.92	Pass	V
3745.96	151	187	-51.51	-25	-26.51	Pass	V
5761.13	153	132	-44.17	-25	-19.17	Pass	V
6541.77	154	214	-52.93	-25	-27.93	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.

QPSK							
Band 40A 38725 channel/BW 5(lowest channel)							
Frequency	Height	Azimuth	Spurious Emission Level (dBm)	Limit	Over Limit (dB)	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)		(dBm)			
1417.42	147	41	-53.83	-40	-13.83	Pass	H
1634.71	153	127	-45.82	-40	-5.82	Pass	H
3849.78	146	346	-46.07	-40	-6.07	Pass	H
5951.19	151	358	-38.65	-40	1.35	Pass	H
6517.70	149	29	-46.32	-40	-6.32	Pass	H
8025.17	149	179	-44.39	-40	-4.39	Pass	H
1285.90	149	55	-53.08	-40	-13.08	Pass	V
1382.02	147	8	-60.09	-40	-20.09	Pass	V
3529.15	153	203	-46.62	-40	-6.62	Pass	V
3905.14	149	157	-45.61	-40	-5.61	Pass	V
5737.84	148	299	-42.34	-40	-2.34	Pass	V
6481.20	147	151	-45.30	-40	-5.30	Pass	V
Band 40A 38750 channel/BW 5(middle channel)							
Frequency	Height	Azimuth	Spurious Emission Level (dBm)	Limit	Over Limit (dB)	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)		(dBm)			
1377.82	145	190	-57.85	-40	-17.85	Pass	H
1692.04	151	226	-51.99	-40	-11.99	Pass	H
3775.05	146	181	-48.36	-40	-8.36	Pass	H
5946.66	151	232	-45.41	-40	-5.41	Pass	H
6571.86	151	262	-48.59	-40	-8.59	Pass	H
8017.87	147	301	-43.37	-40	-3.37	Pass	H
1105.31	152	163	-61.01	-40	-21.01	Pass	V
1429.10	146	286	-57.32	-40	-17.32	Pass	V
3567.46	148	128	-49.48	-40	-9.48	Pass	V
3900.96	154	219	-47.68	-40	-7.68	Pass	V
5818.43	150	300	-50.39	-40	-10.39	Pass	V
6458.66	149	239	-45.08	-40	-5.08	Pass	V

Band 40A 38775 channel/BW 5(highest channel)							
Frequency	Height	Azimuth	Spurious Emission Level (dBm)	Limit	Over Limit (dB)	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)		(dBm)			
1324.84	151	107	-54.09	-40	-14.09	Pass	H
1670.00	152	180	-50.10	-40	-10.10	Pass	H
3771.14	146	27	-51.28	-40	-11.28	Pass	H
5917.08	153	271	-45.91	-40	-5.91	Pass	H
6455.85	145	84	-43.35	-40	-3.35	Pass	H
8123.08	147	353	-47.81	-40	-7.81	Pass	H
1193.87	155	265	-60.21	-40	-20.21	Pass	V
1355.96	145	191	-62.91	-40	-22.91	Pass	V
3518.57	151	91	-51.02	-40	-11.02	Pass	V
3866.90	146	321	-51.35	-40	-11.35	Pass	V
5789.66	155	309	-49.30	-40	-9.30	Pass	V
6525.36	150	91	-47.93	-40	-5.68	Pass	V
16QAM							
Band 40A 38725 channel/BW 5(lowest channel)							
Frequency	Height	Azimuth	Spurious Emission Level (dBm)	Limit	Over Limit (dB)	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)		(dBm)			
1263.84	152	234	-53.80	-40	-13.80	Pass	H
1683.26	148	233	-48.81	-40	-8.81	Pass	H
3928.08	150	265	-48.51	-40	-8.51	Pass	H
5922.61	149	104	-47.34	-40	-7.34	Pass	H
6595.03	153	342	-47.85	-40	-7.85	Pass	H
7990.46	149	84	-44.16	-40	-4.16	Pass	H
1112.03	151	107	-58.56	-40	-18.56	Pass	V
1371.50	154	216	-58.74	-40	-18.74	Pass	V
3516.61	152	83	-53.27	-40	-13.27	Pass	V
3766.85	146	166	-50.10	-40	-10.10	Pass	V
5815.19	152	325	-47.47	-40	-7.47	Pass	V
6516.48	145.96	358.69	-45.62	-40	-5.62	Pass	V

Band 40A 38750channel/BW 5(middle channel)							
Frequency	Height	Azimuth	Spurious Emission Level	Limit	Over Limit	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)	(dBm)	(dBm)	(dB)		
1418.30	148	201	-57.31	-40	-17.31	Pass	H
1647.03	151	183	-47.76	-40	-7.76	Pass	H
3813.80	154	157	-48.54	-40	-8.54	Pass	H
5960.97	148	122	-43.83	-40	-3.83	Pass	H
6460.87	146	214	-46.66	-40	-6.66	Pass	H
7982.19	148	285	-47.56	-40	-7.56	Pass	H
1286.44	146	14	-56.76	-40	-16.76	Pass	V
1462.91	150	127	-61.80	-40	-21.80	Pass	V
3606.43	154	210	-51.94	-40	-11.94	Pass	V
3886.52	153	293	-51.88	-40	-11.88	Pass	V
5735.17	152	203	-47.15	-40	-7.15	Pass	V
6571.63	154	32	-47.43	-40	-7.43	Pass	V
Band 40A 38875 channel/BW 5(highest channel)							
Frequency	Height	Azimuth	Spurious Emission Level	Limit	Over Limit	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)	(dBm)	(dBm)	(dB)		
1239.87	147	192	-56.94	-40	-16.94	Pass	H
1798.32	148	7	-50.01	-40	-10.01	Pass	H
3888.98	151	153	-47.44	-40	-7.44	Pass	H
5891.44	148	39	-47.18	-40	-7.18	Pass	H
6432.15	151	265	-47.99	-40	-7.99	Pass	H
8007.40	153	72	-45.27	-40	-5.27	Pass	H
1139.20	145	90	-55.04	-40	-15.04	Pass	V
1396.98	146	135	-59.93	-40	-19.93	Pass	V
3491.81	149	161	-51.25	-40	-11.25	Pass	V
3860.94	149	23	-49.62	-40	-9.62	Pass	V
5847.06	148	212	-44.63	-40	-4.63	Pass	V
6451.02	149	252	-44.52	-40	-4.52	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.

QPSK							
Band 40B 39175channel/BW 5(lowest channel)							
Frequency	Height	Azimuth	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)					
1422.52	154	234	-53.34	-40	-13.34	Pass	H
1744.81	146	200	-51.15	-40	-11.15	Pass	H
3809.38	146	44	-48.62	-40	-8.62	Pass	H
5995.65	154	286	-44.36	-40	-4.36	Pass	H
6472.41	149	156	-48.05	-40	-8.05	Pass	H
8052.68	152	309	-48.74	-40	-8.74	Pass	H
1095.86	147	330	-57.02	-40	-17.02	Pass	V
1467.46	152	288	-59.97	-40	-19.97	Pass	V
3471.21	148	311	-48.60	-40	-8.60	Pass	V
3775.34	146	18	-48.25	-40	-8.25	Pass	V
5802.45	147	248	-48.08	-40	-8.08	Pass	V
6560.92	153	280	-42.81	-40	-2.81	Pass	V
Band 40B 39200 channel/BW 5(middle channel)							
Frequency	Height	Azimuth	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)					
1330.76	155	329	-58.07	-40	-18.07	Pass	H
1799.33	151	239	-49.48	-40	-9.48	Pass	H
3870.61	148	91	-49.31	-40	-9.31	Pass	H
5923.86	148	151	-44.82	-40	-4.82	Pass	H
6571.66	155	287	-47.63	-40	-7.63	Pass	H
8129.78	150	244	-47.20	-40	-7.20	Pass	H
1096.11	151	135	-56.45	-40	-16.45	Pass	V
1393.09	154	40	-60.43	-40	-20.43	Pass	V
3618.00	154	301	-52.19	-40	-12.19	Pass	V
3845.75	146	340	-52.88	-40	-12.88	Pass	V
5789.76	149	195	-46.74	-40	-6.74	Pass	V
6557.40	147	268	-46.32	-40	-6.32	Pass	V

Band 40B 39225 channel/BW 5(highest channel)							
Frequency	Height	Azimuth	Spurious Emission Level	Limit	Over Limit	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)	(dBm)	(dBm)	(dB)		
1420.94	153	115	-56.93	-40	-16.93	Pass	H
1738.79	150	242	-50.51	-40	-10.51	Pass	H
3788.91	148	351	-50.72	-40	-10.72	Pass	H
5925.92	155	229	-43.24	-40	-3.24	Pass	H
6508.33	149	42	-47.21	-40	-7.21	Pass	H
7979.83	154	292	-46.06	-40	-6.06	Pass	H
1258.01	149	139	-57.26	-40	-17.26	Pass	V
1387.77	152	298	-58.61	-40	-18.61	Pass	V
3550.13	149	352	-51.29	-40	-11.29	Pass	V
3859.15	149	280	-49.91	-40	-9.91	Pass	V
5810.64	148	257	-47.62	-40	-7.62	Pass	V
6546.16	154	162	-43.79	-40	-3.79	Pass	V
16QAM							
Band 40B 39175 channel/BW 5(lowest channel)							
Frequency	Height	Azimuth	Spurious Emission Level	Limit	Over Limit	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)	(dBm)	(dBm)	(dB)		
1271.54	153	319	-54.59	-40	-14.59	Pass	H
1727.47	152	218	-47.63	-40	-7.63	Pass	H
3786.67	147	129	-48.12	-40	-8.12	Pass	H
5917.24	147	11	-43.87	-40	-3.87	Pass	H
6477.39	149	161	-47.66	-40	-7.66	Pass	H
7997.46	148	70	-45.90	-40	-5.90	Pass	H
1226.40	148	45	-58.75	-40	-18.75	Pass	V
1448.34	147	34	-62.13	-40	-22.13	Pass	V
3578.90	152	261	-53.13	-40	-13.13	Pass	V
3865.04	149	181	-47.95	-40	-7.95	Pass	V
5909.26	155	127	-47.82	-40	-7.82	Pass	V
6512.64	151	205	-47.58	-40	-7.58	Pass	V

Band 40B 39200channel/BW 5(middle channel)							
Frequency	Height	Azimuth	Spurious Emission Level	Limit	Over Limit	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)	(dBm)	(dBm)	(dB)		
1343.60	145	46	-55.41	-40	-15.41	Pass	H
1744.34	146	296	-47.47	-40	-7.47	Pass	H
3853.86	145	267	-47.58	-40	-7.58	Pass	H
5834.89	146	152	-43.87	-40	-3.87	Pass	H
6405.65	146	313	-44.61	-40	-4.61	Pass	H
8065.49	146	79	-44.62	-40	-4.62	Pass	H
1266.89	146	221	-59.95	-40	-19.95	Pass	V
1433.40	146	103	-59.30	-40	-19.30	Pass	V
3514.87	145	111	-53.70	-40	-13.70	Pass	V
3772.62	146	355	-49.83	-40	-9.83	Pass	V
5908.00	146	324	-48.47	-40	-8.47	Pass	V
6561.90	145	265	-47.01	-40	-7.01	Pass	V
Band 40B 39225 channel/BW 5(highest channel)							
Frequency	Height	Azimuth	Spurious Emission Level	Limit	Over Limit	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)	(dBm)	(dBm)	(dB)		
1244.06	151	214	-54.85	-40	-14.85	Pass	H
1646.12	150	21	-49.09	-40	-9.09	Pass	H
3857.68	146	160	-46.90	-40	-6.90	Pass	H
5900.57	152	352	-47.73	-40	-7.73	Pass	H
6468.58	152	21	-49.04	-40	-9.04	Pass	H
8053.52	146	348	-44.62	-40	-4.62	Pass	H
1121.43	147	116	-56.51	-40	-16.51	Pass	V
1469.25	146	192	-58.10	-40	-18.10	Pass	V
3468.25	152	68	-51.39	-40	-11.39	Pass	V
3946.20	155	195	-52.27	-40	-12.27	Pass	V
5911.15	154	178	-50.10	-40	-10.10	Pass	V
6597.85	150	264	-43.58	-40	-3.58	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-B41							
Band 41 40265 channel/BW 5(lowest channel)							
Frequency	Height	Azimuth	Spurious Emission Level (dBm)	Limit	Over Limit (dB)	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)		(dBm)			
1414.75	147	313	-52.39	-25	-27.39	Pass	H
1660.22	150	191	-46.98	-25	-21.98	Pass	H
3813.22	153	113	-49.97	-25	-24.97	Pass	H
5796.55	149	25	-38.38	-25	-13.38	Pass	H
6476.52	146	313	-39.64	-25	-14.64	Pass	H
8039.96	153	124	-43.19	-25	-18.19	Pass	H
1170.87	147	237	-51.98	-25	-26.98	Pass	V
1362.27	151	283	-59.93	-25	-34.93	Pass	V
3545.79	150	167	-51.93	-25	-26.93	Pass	V
3876.94	150	244	-52.37	-25	-27.37	Pass	V
5758.57	148	247	-45.02	-25	-20.02	Pass	V
6555.08	146	73	-48.81	-25	-23.81	Pass	V
Band 41 40740 channel/BW 5(middle channel)							
Frequency	Height	Azimuth	Spurious Emission Level (dBm)	Limit	Over Limit (dB)	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)		(dBm)			
1368.33	151	183	-58.05	-25	-33.05	Pass	H
1643.54	148	234	-45.23	-25	-20.23	Pass	H
3803.18	152	184	-45.31	-25	-20.31	Pass	H
5804.25	146	217	-43.10	-25	-18.10	Pass	H
6447.27	152	8	-40.41	-25	-15.41	Pass	H
7986.75	151	16	-46.43	-25	-21.43	Pass	H
1178.19	151	83	-58.27	-25	-33.27	Pass	V
1490.23	147	349	-53.85	-25	-28.85	Pass	V
3461.65	151	280	-50.70	-25	-25.70	Pass	V
3858.23	153	290	-48.34	-25	-23.34	Pass	V
5742.76	146	261	-49.32	-25	-24.32	Pass	V
6462.43	149	279	-44.45	-25	-19.45	Pass	V

Band 41 41215 channel/BW 5(highest channel)							
Frequency	Height	Azimuth	Spurious Emission Level	Limit	Over Limit	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)	(dBm)	(dBm)	(dB)		
1411.48	149	91	-58.42	-25	-33.42	Pass	H
1752.25	149	155	-45.93	-25	-20.93	Pass	H
3983.97	146	122	-41.30	-25	-16.30	Pass	H
5913.17	153	346	-40.44	-25	-15.44	Pass	H
6604.55	153	104	-41.30	-25	-16.30	Pass	H
8126.50	150	240	-46.69	-25	-21.69	Pass	H
1292.38	147	30	-50.87	-25	-25.87	Pass	V
1388.85	153	178	-57.12	-25	-32.12	Pass	V
3478.68	148	135	-47.84	-25	-22.84	Pass	V
3890.50	150	3	-53.78	-25	-28.78	Pass	V
5753.88	151	196	-46.75	-25	-21.75	Pass	V
6617.01	148	354	-50.30	-25	-25.30	Pass	V

16QAM-B41							
Band 41 40265 channel/BW 5(lowest channel)							
Frequency	Height	Azimuth	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)					
1346.99	152	341	-56.03	-25	-31.03	Pass	H
1745.55	152	84	-50.17	-25	-25.17	Pass	H
3867.46	151	100	-49.53	-25	-24.53	Pass	H
5852.88	151	5	-41.54	-25	-16.54	Pass	H
6509.89	154	60	-45.15	-25	-20.15	Pass	H
8166.43	150	35	-45.56	-25	-20.56	Pass	H
1222.57	146	112	-52.15	-25	-27.15	Pass	V
1422.63	151	194	-61.13	-25	-36.13	Pass	V
3526.70	149	82	-54.86	-25	-29.86	Pass	V
3767.18	153	237	-53.50	-25	-28.50	Pass	V
5752.93	155	156	-48.48	-25	-23.48	Pass	V
6549.32	154	204	-46.39	-25	-21.39	Pass	V
Band 41 40740 channel/BW 5(middle channel)							
Frequency	Height	Azimuth	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)					
1287.07	153	69	-56.20	-25	-31.20	Pass	H
1676.34	147	213	-44.93	-25	-19.93	Pass	H
3903.40	148	322	-40.45	-25	-15.45	Pass	H
5951.70	146	335	-41.70	-25	-16.70	Pass	H
6465.70	148	215	-44.87	-25	-19.87	Pass	H
8029.96	153	221	-43.87	-25	-18.87	Pass	H
1209.51	150	23	-55.39	-25	-30.39	Pass	V
1378.52	155	261	-55.40	-25	-30.40	Pass	V
3559.30	147	159	-51.82	-25	-26.82	Pass	V
3794.37	152	305	-44.99	-25	-19.99	Pass	V
5863.33	154	317	-45.65	-25	-20.65	Pass	V
6575.97	149	162	-46.69	-25	-21.69	Pass	V

Band 41 41215 channel/BW 5(highest channel)							
Frequency	Height	Azimuth	Spurious Emission Level	Limit	Over Limit	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)	(dBm)	(dBm)	(dB)		
1413.87	147	178	-58.05	-25	-33.05	Pass	H
1614.16	153	185	-48.08	-25	-23.08	Pass	H
3852.81	149	275	-43.07	-25	-18.07	Pass	H
5962.25	155	97	-40.78	-25	-15.78	Pass	H
6524.19	154	338	-44.07	-25	-19.07	Pass	H
8077.25	154	224	-40.75	-25	-15.75	Pass	H
1179.68	153	235	-53.55	-25	-28.55	Pass	V
1389.91	152	137	-59.69	-25	-34.69	Pass	V
3494.90	150	140	-49.87	-25	-24.87	Pass	V
3765.03	148	309	-51.29	-25	-26.29	Pass	V
5799.21	147	273	-49.58	-25	-24.58	Pass	V
6498.46	146	106	-46.98	-25	-21.98	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: 1.Normal Voltage NV=DC 5V; Low Voltage LV=DC 4.5V; High Voltage HV=DC 5.5V

Please refer to Appendix 2: Frequency Stability

Test result: Pass

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