



TEST REPORT

Test item description: Kiosk Core Plus
FCC ID: 2BUZE-MVBL34TD1NA
Trademark(s): N/A
Model/Type reference: MV-BL34TD1-NA, MV-BL34TD3-NA, HB-BL34TD1-NA, HB-BL34TD3-NA
Applicant's name: Hangzhou Jushi Technology Co., Ltd.
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Sample Received Date: Jan. 14, 2026
Sample tested Date: Jan. 14, 2026 to Feb. 05, 2026
Issue Date: Feb. 05, 2026
Report No.: CTB26011410901RF02
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

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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
CTB26011410901RF02	Feb. 05, 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 chamber 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:	MV-BL34TD1-NA, MV-BL34TD3-NA, HB-BL34TD1-NA, HB-BL34TD3-NA
Model Description:	All the model are the same circuit and RF module, only the model names are different. Test sample model: MV-BL34TD1-NA
Hardware Version:	V1.0
Software Version:	V1.0
Operation Frequency:	FDD-LTE BAND 2: 1850-1910MHz FDD-LTE BAND 4: 1710-1755MHz FDD-LTE BAND 5: 824-849MHz FDD-LTE BAND 12: 699-716MHz FDD-LTE BAND 13: 777-787MHz TDD-LTE BAND 41: 2535-2675 MHz FDD-LTE BAND 66: 1710-1780MHz
Max. RF output power:	FDD-LTE BAND 2: 23.08dBm FDD-LTE BAND 4: 22.46dBm FDD-LTE BAND 5: 23.44dBm FDD-LTE BAND 12: 23.55dBm FDD-LTE BAND 13: 23.32dBm TDD-LTE BAND 41: 21.47dBm FDD-LTE BAND 66: 22.88dBm
Type of Modulation:	QPSK, 16QAM
Antenna installation:	Sucker antenna
Antenna Gain:	FDD-LTE BAND 2: 1.76dBi FDD-LTE BAND 4: 1.39dBi FDD-LTE BAND 5: 1.43dBi FDD-LTE BAND 12: 2.2dBi FDD-LTE BAND 13: -0.95dBi TDD-LTE BAND 41: 1.78dBi FDD-LTE BAND 66: 1.39dBi
Ratings:	DC 12V

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
1.	Keyboard	DELL	KB216t	N/A	AE
2.	Mouse	DELL	MS116c	N/A	AE
3.	Monitor	DELL	SE2218HV	N/A	AE
4.	Laptop	DELL	Vostro 5490	N/A	AE

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 12	Low, Middle, High Channels
TM5	FDD-LTE BAND 13	Low, Middle, High Channels
TM6	TDD-LTE BAND 41	Low, Middle, High Channels
TM7	FDD-LTE BAND 66	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.

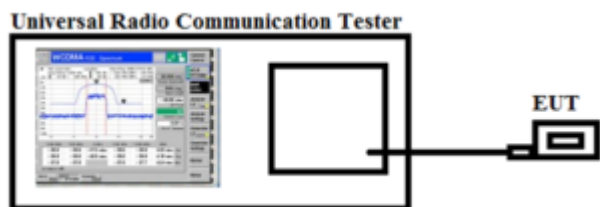
According to §24.232(c), mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

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

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

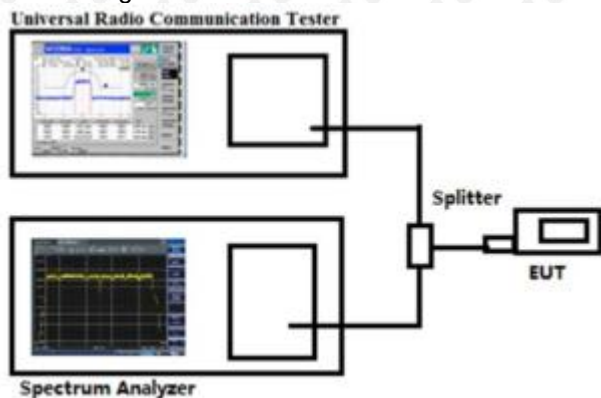
corresponding to the highest PAPR expected during periods of continuous transmission.

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.

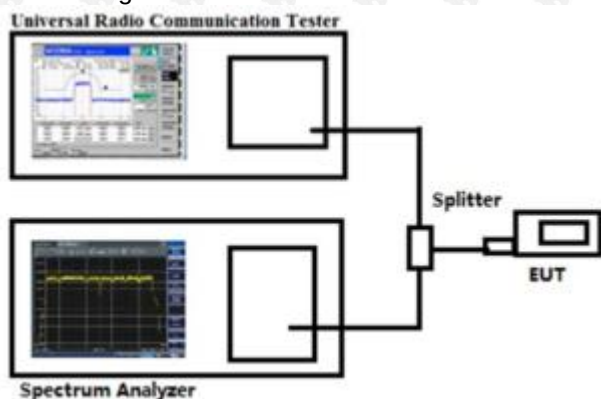
According to §24.238(b), the emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

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.

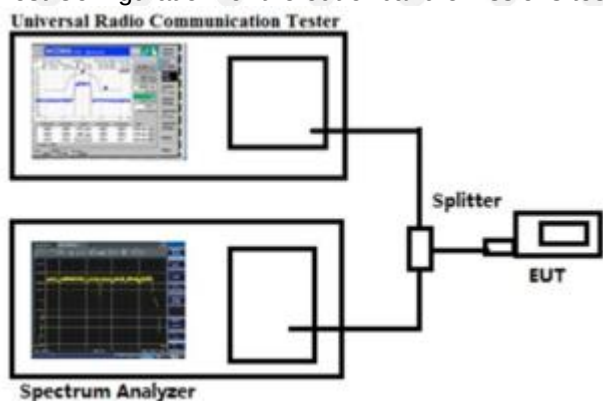
According to §27.53(g), for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log(P)$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

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.
1356.36	151	102	-54.97	-13	-41.97	Pass	H
1642.58	148	338	-47.48	-13	-34.48	Pass	H
3914.96	154	76	-44.80	-13	-31.80	Pass	H
5883.65	149	106	-46.19	-13	-33.19	Pass	H
6485.20	149	4	-45.75	-13	-32.75	Pass	H
8156.25	151	237	-44.43	-13	-31.43	Pass	H
1170.63	146	188	-55.44	-13	-42.44	Pass	V
1559.45	154	67	-58.93	-13	-45.93	Pass	V
3614.39	148	144	-50.74	-13	-37.74	Pass	V
3835.19	158	327	-49.05	-13	-36.05	Pass	V
5811.26	146	290	-50.53	-13	-37.53	Pass	V
6630.44	156	293	-45.25	-13	-32.25	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.
1320.80	150	338	-57.50	-13	-44.50	Pass	H
1739.91	146	137	-52.91	-13	-39.91	Pass	H
3958.24	150	78	-52.52	-13	-39.52	Pass	H
5885.43	146	121	-45.87	-13	-32.87	Pass	H
6458.59	149	218	-49.73	-13	-36.73	Pass	H
8047.95	151	351	-48.81	-13	-35.81	Pass	H
1258.18	149	331	-54.48	-13	-41.48	Pass	V
1299.20	148	54	-59.44	-13	-46.44	Pass	V
3576.44	147	333	-52.58	-13	-39.58	Pass	V
3934.17	148	294	-53.40	-13	-40.40	Pass	V
5792.75	150	7	-46.49	-13	-33.49	Pass	V
6501.11	150	47	-45.77	-13	-32.77	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.
1382.56	155	180	-54.36	-13	-41.36	Pass	H
1686.18	152	168	-50.32	-13	-37.32	Pass	H
3893.65	155	50	-47.15	-13	-34.15	Pass	H
5995.80	153	176	-38.61	-13	-25.61	Pass	H
6524.47	150	35	-44.98	-13	-31.98	Pass	H
7986.94	145	231	-44.29	-13	-31.29	Pass	H
1344.18	148	187	-53.97	-13	-40.97	Pass	V
1464.42	154	189	-55.89	-13	-42.89	Pass	V
3557.20	152	7	-55.48	-13	-42.48	Pass	V
3861.26	148	260	-47.69	-13	-34.69	Pass	V
5741.20	149	256	-43.48	-13	-30.48	Pass	V
1382.56	155	180	-54.36	-13	-41.36	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.
1394.46	148	171	-61.49	-13	-48.49	Pass	H
1740.11	152	250	-45.76	-13	-32.76	Pass	H
3891.55	150	70	-47.80	-13	-34.80	Pass	H
5968.50	148	248	-43.44	-13	-30.44	Pass	H
6489.35	152	10	-41.70	-13	-28.70	Pass	H
8053.64	153	150	-44.48	-13	-31.48	Pass	H
1095.56	147	235	-53.65	-13	-40.65	Pass	V
1368.61	151	106	-53.13	-13	-40.13	Pass	V
3552.69	153	37	-53.42	-13	-40.42	Pass	V
3842.77	152	59	-53.14	-13	-40.14	Pass	V
5824.77	150	323	-47.29	-13	-34.29	Pass	V
6526.42	145	93	-47.68	-13	-34.68	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.
1292.02	146	18	-54.24	-13	-41.45	Pass	H
1767.98	148	275	-51.57	-13	-37.85	Pass	H
3913.87	151	34	-49.15	-13	-35.2	Pass	H
5876.63	151	311	-45.89	-13	-30.39	Pass	H
6411.57	152	120	-47.21	-13	-32.24	Pass	H
8039.01	153	239	-42.72	-13	-30.22	Pass	H
1139.07	149	257	-57.46	-13	-44.9	Pass	V
1465.10	153	187	-55.84	-13	-43.63	Pass	V
3538.09	153	210	-46.74	-13	-35.94	Pass	V
3904.99	151	301	-51.72	-13	-36.01	Pass	V
5786.44	145	221	-44.72	-13	-33.75	Pass	V
6584.51	146	74	-47.14	-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.
1381.26	150	266	-55.60	-13	-42.60	Pass	H
1708.67	151	138	-50.23	-13	-37.23	Pass	H
3978.27	148	90	-45.22	-13	-32.22	Pass	H
5897.95	154	313	-42.50	-13	-29.50	Pass	H
6504.86	147	294	-42.75	-13	-29.75	Pass	H
8104.20	145	338	-45.95	-13	-32.95	Pass	H
1132.76	152	227	-56.97	-13	-43.97	Pass	V
1372.53	150	241	-59.72	-13	-46.72	Pass	V
3550.01	149	175	-48.21	-13	-35.21	Pass	V
3760.80	150	104	-51.70	-13	-38.70	Pass	V
5732.77	149	146	-45.51	-13	-32.51	Pass	V
6555.03	147	258	-46.12	-13	-33.12	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.
1308.47	141	90	-56.01	-13	-43.01	Pass	H
1649.72	143	9	-47.25	-13	-34.25	Pass	H
3871.66	153	159	-46.87	-13	-33.87	Pass	H
5800.77	144	19	-46.20	-13	-33.20	Pass	H
6530.09	148	236	-44.78	-13	-31.78	Pass	H
8152.75	140	232	-41.88	-13	-28.88	Pass	H
1262.68	142	31	-56.17	-13	-43.17	Pass	V
1478.11	151	264	-57.76	-13	-44.76	Pass	V
3510.01	147	179	-48.98	-13	-35.98	Pass	V
3907.28	152	127	-51.34	-13	-38.34	Pass	V
5862.52	150	345	-48.12	-13	-35.12	Pass	V
6599.00	147	302	-46.37	-13	-33.37	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.
1325.92	150	174	-55.25	-13	-42.25	Pass	H
1688.90	146	251	-49.81	-13	-36.81	Pass	H
3834.94	150	307	-50.34	-13	-37.34	Pass	H
5873.53	146	26	-48.21	-13	-35.21	Pass	H
6475.11	149	207	-49.27	-13	-36.27	Pass	H
8068.48	151	137	-46.67	-13	-33.67	Pass	H
1264.80	149	41	-50.91	-13	-37.91	Pass	V
1413.77	148	61	-59.62	-13	-46.62	Pass	V
3496.60	147	15	-55.91	-13	-42.91	Pass	V
3817.42	148	329	-50.68	-13	-37.68	Pass	V
5814.66	150	314	-50.97	-13	-37.97	Pass	V
6518.77	150	194	-46.85	-13	-33.85	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.
1427.67	154	221	-58.12	-13	-45.12	Pass	H
1684.35	146	101	-52.16	-13	-39.16	Pass	H
3908.32	150	101	-45.64	-13	-32.64	Pass	H
5968.57	147	106	-41.20	-13	-28.20	Pass	H
6604.27	154	71	-40.52	-13	-27.52	Pass	H
8042.17	151	20	-41.76	-13	-28.76	Pass	H
1339.56	153	59	-58.89	-13	-45.89	Pass	V
1312.82	154	10	-57.52	-13	-44.52	Pass	V
3569.23	152	259	-53.60	-13	-40.60	Pass	V
3947.92	150	176	-46.51	-13	-33.51	Pass	V
5762.36	154	331	-45.79	-13	-32.79	Pass	V
6589.63	148	67	-47.41	-13	-34.41	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.
1305.84	147	316	-59.56	-13	-46.56	Pass	H
1705.36	147	277	-49.94	-13	-36.94	Pass	H
3929.42	147	34	-48.59	-13	-35.59	Pass	H
5924.97	146	351	-45.64	-13	-32.64	Pass	H
6658.23	148	126	-42.73	-13	-29.73	Pass	H
8092.97	147	203	-41.54	-13	-28.54	Pass	H
1199.61	151	13	-50.18	-13	-37.18	Pass	V
1490.94	146	147	-57.98	-13	-44.98	Pass	V
3511.36	149	223	-52.99	-13	-39.99	Pass	V
3935.27	145	280	-52.23	-13	-39.23	Pass	V
5918.34	147	240	-44.30	-13	-31.30	Pass	V
6566.96	153	260	-49.02	-13	-36.02	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.
1404.60	151	281	-55.33	-13	-41.45	Pass	H
1793.73	149	26	-50.58	-13	-37.85	Pass	H
3756.64	152	198	-45.55	-13	-35.2	Pass	H
5865.18	151	239	-42.81	-13	-30.39	Pass	H
6405.12	152	149	-47.89	-13	-32.24	Pass	H
8089.92	148	178	-43.78	-13	-30.22	Pass	H
1286.36	147	301	-59.31	-13	-44.9	Pass	V
1432.80	154	213	-56.89	-13	-43.63	Pass	V
3561.65	150	337	-45.12	-13	-35.94	Pass	V
3846.41	154	60	-48.76	-13	-36.01	Pass	V
5848.59	152	10	-44.11	-13	-33.75	Pass	V
6491.58	153	149	-48.02	-13	-32.41	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.
1431.64	145	196	-56.74	-13	-43.74	Pass	H
1679.88	146	198	-50.31	-13	-37.31	Pass	H
3860.01	151	28	-42.43	-13	-29.43	Pass	H
5970.98	148	349	-40.94	-13	-27.94	Pass	H
6509.21	149	19	-43.04	-13	-30.04	Pass	H
8075.58	154	190	-43.15	-13	-30.15	Pass	H
1188.93	148	105	-53.71	-13	-40.71	Pass	V
1512.17	147	85	-60.15	-13	-47.15	Pass	V
3626.06	147	97	-46.18	-13	-33.18	Pass	V
3773.08	149	20	-48.99	-13	-35.99	Pass	V
5872.74	146	60	-46.56	-13	-33.56	Pass	V
6636.97	151	356	-47.66	-13	-34.66	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.
1404.03	150	235	-55.06	-13	-42.06	Pass	H
1594.98	147	316	-46.89	-13	-33.89	Pass	H
3807.10	149	291	-49.14	-13	-36.14	Pass	H
5841.35	152	107	-44.69	-13	-31.69	Pass	H
6609.76	153	102	-40.89	-13	-27.89	Pass	H
8101.70	146	345	-38.44	-13	-25.44	Pass	H
1231.34	148	220	-53.35	-13	-40.35	Pass	V
1468.63	146	3	-56.36	-13	-43.36	Pass	V
3601.97	146	291	-49.48	-13	-36.48	Pass	V
3971.85	153	137	-49.28	-13	-36.28	Pass	V
5933.18	153	185	-47.46	-13	-34.46	Pass	V
6488.07	150	240	-49.84	-13	-36.84	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.
1306.59	152	20	-56.11	-13	-43.11	Pass	H
1639.23	147	214	-47.67	-13	-34.67	Pass	H
3828.45	153	108	-50.12	-13	-37.12	Pass	H
5935.60	146	144	-44.84	-13	-31.84	Pass	H
6574.58	149	243	-40.80	-13	-27.80	Pass	H
8009.62	154	317	-44.26	-13	-31.26	Pass	H
1206.47	151	27	-59.90	-13	-46.90	Pass	V
1344.62	151	262	-56.61	-13	-43.61	Pass	V
3594.60	148	199	-45.93	-13	-32.93	Pass	V
3922.47	147	4	-46.78	-13	-33.78	Pass	V
5914.25	149	293	-43.58	-13	-30.58	Pass	V
6499.76	148	38	-47.74	-13	-34.74	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.
1377.31	147	134	-54.27	-13	-41.27	Pass	H
1761.09	153	104	-45.02	-13	-32.02	Pass	H
3814.56	154	35	-42.33	-13	-29.33	Pass	H
5967.75	152	194	-41.79	-13	-28.79	Pass	H
6596.78	147	204	-40.39	-13	-27.39	Pass	H
7998.25	147	272	-42.57	-13	-29.57	Pass	H
1119.87	145	112	-56.73	-13	-43.73	Pass	V
1517.40	154	284	-53.94	-13	-40.94	Pass	V
3495.43	149	112	-51.02	-13	-38.02	Pass	V
3760.03	146	296	-45.69	-13	-32.69	Pass	V
5859.43	151	162	-46.00	-13	-33.00	Pass	V
6640.77	147	277	-51.44	-13	-38.44	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.
1252.48	153	350	-61.31	-13	-48.31	Pass	H
1670.73	147	209	-44.65	-13	-31.65	Pass	H
3850.49	150	123	-48.72	-13	-35.72	Pass	H
5924.25	154	26	-44.29	-13	-31.29	Pass	H
6495.12	152	82	-41.59	-13	-28.59	Pass	H
8026.82	152	166	-42.70	-13	-29.70	Pass	H
1257.11	146	205	-52.92	-13	-39.92	Pass	V
1370.41	148	128	-52.61	-13	-39.61	Pass	V
3542.61	154	359	-53.44	-13	-40.44	Pass	V
3911.93	145	341	-51.05	-13	-38.05	Pass	V
5864.74	153	343	-47.28	-13	-34.28	Pass	V
6649.88	146	271	-50.48	-13	-37.48	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.
1325.80	150	131	-51.91	-13	-41.45	Pass	H
1752.74	152	54	-53.09	-13	-37.85	Pass	H
3883.98	153	293	-46.91	-13	-35.2	Pass	H
5980.28	150	72	-39.94	-13	-30.39	Pass	H
6453.99	152	337	-43.23	-13	-32.24	Pass	H
7993.85	148	263	-40.53	-13	-30.22	Pass	H
1108.61	147	203	-56.21	-13	-44.9	Pass	V
1459.35	150	289	-59.47	-13	-43.63	Pass	V
3575.75	153	178	-49.65	-13	-35.94	Pass	V
3827.71	154	192	-48.55	-13	-36.01	Pass	V
5903.00	154	329	-48.25	-13	-33.75	Pass	V
6451.00	153	36	-41.61	-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.
1363.68	152	268	-53.49	-13	-40.49	Pass	H
1730.84	147	326	-50.53	-13	-37.53	Pass	H
3806.11	154	358	-46.13	-13	-33.13	Pass	H
5805.35	153	156	-42.54	-13	-29.54	Pass	H
6472.95	145	0	-38.29	-13	-25.29	Pass	H
8022.91	150	338	-42.48	-13	-29.48	Pass	H
1145.55	150	168	-55.58	-13	-42.58	Pass	V
1381.19	154	330	-55.41	-13	-42.41	Pass	V
3571.73	150	112	-52.18	-13	-39.18	Pass	V
3807.45	154	95	-52.95	-13	-39.95	Pass	V
5756.25	150	58	-45.20	-13	-32.20	Pass	V
6466.03	149	8	-46.35	-13	-33.35	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 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.
1347.92	150	277	-55.44	-13	-42.44	Pass	H
1705.44	153	67	-46.46	-13	-33.46	Pass	H
3905.47	154	254	-44.91	-13	-31.91	Pass	H
5958.81	149	315	-42.56	-13	-29.56	Pass	H
6487.49	153	271	-44.07	-13	-31.07	Pass	H
8134.84	145	335	-40.53	-13	-27.53	Pass	H
1128.09	144	133	-54.38	-13	-41.38	Pass	V
1521.87	155	38	-56.46	-13	-43.46	Pass	V
3595.97	149	292	-48.06	-13	-35.06	Pass	V
3905.80	147	229	-49.02	-13	-36.02	Pass	V
5771.29	147	358	-49.13	-13	-36.13	Pass	V
6580.26	141	293	-46.74	-13	-33.74	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.
1346.14	150	179	-54.59	-13	-41.59	Pass	H
1660.76	146	49	-49.93	-13	-36.93	Pass	H
3891.67	150	231	-52.21	-13	-39.21	Pass	H
5915.95	146	233	-42.59	-13	-29.59	Pass	H
6428.50	149	340	-49.53	-13	-36.53	Pass	H
8031.81	151	67	-48.26	-13	-35.26	Pass	H
1173.04	149	20	-55.94	-13	-42.94	Pass	V
1350.20	148	46	-57.08	-13	-44.08	Pass	V
3639.63	147	97	-53.04	-13	-40.04	Pass	V
3865.39	148	122	-49.55	-13	-36.55	Pass	V
5926.47	150	341	-47.59	-13	-34.59	Pass	V
6456.39	150	193	-45.44	-13	-32.44	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.
1327.40	153	305	-55.96	-13	-42.96	Pass	H
1738.07	147	351	-49.62	-13	-36.62	Pass	H
3933.53	149	197	-44.86	-13	-31.86	Pass	H
5839.00	148	328	-42.03	-13	-29.03	Pass	H
6444.12	151	158	-41.76	-13	-28.76	Pass	H
7998.55	153	37	-47.41	-13	-34.41	Pass	H
1283.34	146	233	-58.27	-13	-45.27	Pass	V
1401.89	147	250	-56.21	-13	-43.21	Pass	V
3444.44	150	182	-52.51	-13	-39.51	Pass	V
3903.25	153	123	-50.28	-13	-37.28	Pass	V
5843.82	151	274	-44.81	-13	-31.81	Pass	V
6544.60	150	6	-44.88	-13	-31.88	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.
1283.42	153	59	-60.07	-13	-47.07	Pass	H
1773.94	149	317	-44.91	-13	-31.91	Pass	H
3847.08	145	183	-51.75	-13	-38.75	Pass	H
5862.06	146	202	-47.40	-13	-34.40	Pass	H
6558.86	148	84	-44.56	-13	-31.56	Pass	H
7925.15	147	11	-43.77	-13	-30.77	Pass	H
1216.67	154	120	-52.37	-13	-39.37	Pass	V
1371.79	155	118	-53.55	-13	-40.55	Pass	V
3526.87	147	43	-50.30	-13	-37.30	Pass	V
3838.72	146	272	-49.65	-13	-36.65	Pass	V
5862.51	153	298	-45.96	-13	-32.96	Pass	V
6519.55	148	66	-47.96	-13	-34.96	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.
1235.74	147	244	-51.81	-13	-41.45	Pass	H
1698.25	154	191	-50.84	-13	-37.85	Pass	H
3918.19	150	317	-48.79	-13	-35.2	Pass	H
6027.21	153	99	-40.86	-13	-30.39	Pass	H
6547.12	154	359	-44.85	-13	-32.24	Pass	H
7981.54	149	115	-44.29	-13	-30.22	Pass	H
1168.79	153	24	-58.40	-13	-44.9	Pass	V
1328.63	152	127	-54.58	-13	-43.63	Pass	V
3537.76	151	85	-51.66	-13	-35.94	Pass	V
3884.74	150	244	-48.61	-13	-36.01	Pass	V
5824.97	151	259	-46.64	-13	-33.75	Pass	V
6425.60	151	250	-41.69	-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.
1415.65	150	163	-52.95	-13	-39.95	Pass	H
1779.75	147	199	-47.34	-13	-34.34	Pass	H
3964.69	148	68	-42.70	-13	-29.70	Pass	H
5867.51	154	89	-43.67	-13	-30.67	Pass	H
6497.38	153	47	-40.42	-13	-27.42	Pass	H
8062.56	152	109	-42.51	-13	-29.51	Pass	H
1258.11	151	153	-52.18	-13	-39.18	Pass	V
1508.81	150	343	-56.60	-13	-43.60	Pass	V
3490.66	151	360	-46.57	-13	-33.57	Pass	V
3919.12	151	195	-49.49	-13	-36.49	Pass	V
5742.38	152	304	-51.82	-13	-38.82	Pass	V
6529.26	145	21	-48.79	-13	-35.79	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.

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Band 13 23025 channel/BW 5(lowest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1245.07	153	336	-51.90	-25	-26.90	Pass	H
1791.88	148	330	-51.56	-25	-26.56	Pass	H
3919.10	147	92	-49.18	-25	-24.18	Pass	H
5881.95	146	313	-42.83	-25	-17.83	Pass	H
6566.56	146	128	-42.17	-25	-17.17	Pass	H
8006.27	148	50	-46.76	-25	-21.76	Pass	H
1121.76	152	123	-50.29	-25	-25.29	Pass	V
1524.98	153	246	-62.55	-25	-37.55	Pass	V
3507.77	152	227	-52.03	-25	-27.03	Pass	V
3845.67	152	93	-46.20	-25	-21.20	Pass	V
5790.84	148	78	-45.92	-25	-20.92	Pass	V
6605.86	155	352	-45.41	-25	-20.41	Pass	V
Band 13 23230 channel/BW 5(middle channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1389.20	153	192	-53.91	-25	-28.91	Pass	H
1630.46	147	52	-49.44	-25	-24.44	Pass	H
3994.92	154	222	-44.27	-25	-19.27	Pass	H
5891.55	146	176	-43.78	-25	-18.78	Pass	H
6444.33	146	304	-42.74	-25	-17.74	Pass	H
8175.98	151	282	-46.59	-25	-21.59	Pass	H
1285.04	154	285	-53.00	-25	-28.00	Pass	V
1485.01	147	114	-54.74	-25	-29.74	Pass	V
3515.44	150	316	-52.87	-25	-27.87	Pass	V
3836.31	148	311	-49.11	-25	-24.11	Pass	V
5755.15	149	51	-49.55	-25	-24.55	Pass	V
6519.99	145	355	-44.00	-25	-19.00	Pass	V

Band 13 23255 channel/BW 5(highest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1339.65	146	240	-52.82	-25	-27.82	Pass	H
1780.97	154	137	-46.28	-25	-21.28	Pass	H
3845.47	155	335	-47.62	-25	-22.62	Pass	H
5941.26	147	274	-44.85	-25	-19.85	Pass	H
6527.18	153	312	-44.89	-25	-19.89	Pass	H
8174.84	149	201	-43.67	-25	-18.67	Pass	H
1229.92	155	127	-52.96	-25	-27.96	Pass	V
1548.94	152	287	-56.49	-25	-31.49	Pass	V
3510.98	150	158	-48.33	-25	-23.33	Pass	V
3903.24	155	252	-49.13	-25	-24.13	Pass	V
5891.80	153	264	-48.65	-25	-23.65	Pass	V
6503.38	147	350	-50.24	-25	-25.24	Pass	V

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Band 13 23025 channel/BW 5(lowest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1344.24	146	83	-51.88	-25	-26.88	Pass	H
1663.31	146	297	-43.80	-25	-18.80	Pass	H
3822.52	154	95	-48.23	-25	-23.23	Pass	H
5844.88	151	284	-44.74	-25	-19.74	Pass	H
6447.90	152	215	-46.83	-25	-21.83	Pass	H
8106.34	152	254	-45.14	-25	-20.14	Pass	H
1253.00	149	60	-49.62	-25	-24.62	Pass	V
1544.12	149	357	-56.43	-25	-31.43	Pass	V
3565.10	150	207	-52.16	-25	-27.16	Pass	V
3774.27	148	294	-50.55	-25	-25.55	Pass	V
5801.91	152	221	-46.36	-25	-21.36	Pass	V
6657.94	146	148	-48.25	-25	-23.25	Pass	V

Band 13 23230 channel/BW 5(middle channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1319.16	153	242	-53.82	-25	-28.82	Pass	H
1620.94	148	194	-48.96	-25	-23.96	Pass	H
3955.38	151	283	-40.78	-25	-15.78	Pass	H
5963.42	149	251	-44.24	-25	-19.24	Pass	H
6443.96	146	29	-44.15	-25	-19.15	Pass	H
7999.26	148	162	-46.01	-25	-21.01	Pass	H
1266.16	154	327	-50.78	-25	-25.78	Pass	V
1485.57	152	265	-60.38	-25	-35.38	Pass	V
3582.11	154	187	-47.78	-25	-22.78	Pass	V
3782.35	151	264	-46.73	-25	-21.73	Pass	V
5857.60	154	347	-49.99	-25	-24.99	Pass	V
6527.96	153	341	-43.94	-25	-18.94	Pass	V
Band 13 23255 channel/BW 5(highest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1239.70	154	80	-56.99	-25	-31.99	Pass	H
1712.39	151	310	-48.84	-25	-23.84	Pass	H
3930.04	152	113	-41.12	-25	-16.12	Pass	H
5843.03	155	240	-42.19	-25	-17.19	Pass	H
6432.53	147	15	-38.46	-25	-13.46	Pass	H
8114.61	149	42	-40.14	-25	-15.14	Pass	H
1162.72	152	315	-51.37	-25	-26.37	Pass	V
1445.46	148	250	-58.96	-25	-33.96	Pass	V
3493.29	151	129	-52.71	-25	-27.71	Pass	V
3908.54	152	164	-47.13	-25	-22.13	Pass	V
5880.53	149	283	-48.33	-25	-23.33	Pass	V
6544.47	153	319	-46.62	-25	-21.62	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.

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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)			
1432.85	150	259	-55.17	-25	-30.17	Pass	H
1664.51	146	56	-47.61	-25	-22.61	Pass	H
4001.34	146	79	-47.79	-25	-22.79	Pass	H
5789.50	149	86	-43.08	-25	-18.08	Pass	H
6585.69	150	100	-41.97	-25	-16.97	Pass	H
8051.50	153	116	-44.99	-25	-19.99	Pass	H
1197.73	146	165	-53.32	-25	-28.32	Pass	V
1377.96	145	45	-55.88	-25	-30.88	Pass	V
3552.97	153	22	-51.88	-25	-26.88	Pass	V
3775.80	149	196	-47.77	-25	-22.77	Pass	V
5818.35	151	243	-48.12	-25	-23.12	Pass	V
6607.34	153	99	-47.97	-25	-22.97	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)			
1394.74	152	119	-55.06	-25	-30.06	Pass	H
1771.74	148	50	-46.71	-25	-21.71	Pass	H
3912.20	145	211	-48.14	-25	-23.14	Pass	H
5839.13	149	263	-39.89	-25	-14.89	Pass	H
6600.88	148	127	-42.03	-25	-17.03	Pass	H
8139.99	152	289	-47.79	-25	-22.79	Pass	H
1285.27	155	29	-52.75	-25	-27.75	Pass	V
1472.88	151	242	-54.10	-25	-29.10	Pass	V
3521.14	152	141	-47.39	-25	-22.39	Pass	V
3901.22	149	138	-49.90	-25	-24.90	Pass	V
5737.09	149	242	-49.10	-25	-24.10	Pass	V
6586.08	154	232	-44.02	-25	-19.02	Pass	V

Band 41 41215 channel/BW 5(highest channel)							
Frequency	Height	Azimuth	Spurious Emission Level (dBm)	Limit	Over Limit (dB)	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)		(dBm)			
1294.60	150	294	-57.85	-25	-32.85	Pass	H
1734.46	148	247	-47.97	-25	-22.97	Pass	H
3916.83	147	35	-44.19	-25	-19.19	Pass	H
5924.02	150	125	-40.70	-25	-15.70	Pass	H
6466.48	151	342	-41.95	-25	-16.95	Pass	H
8144.37	150	165	-46.01	-25	-21.01	Pass	H
1189.32	145	153	-54.46	-25	-29.46	Pass	V
1491.04	155	89	-58.66	-25	-33.66	Pass	V
3634.50	148	8	-46.35	-25	-21.35	Pass	V
3738.55	155	126	-51.84	-25	-26.84	Pass	V
5770.86	150	193	-42.99	-25	-17.99	Pass	V
6587.28	154	278	-50.61	-25	-25.61	Pass	V

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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)			
1236.25	148	27	-55.43	-25	-30.43	Pass	H
1681.34	148	137	-47.22	-25	-22.22	Pass	H
3954.07	153	18	-46.12	-25	-21.12	Pass	H
5932.71	148	111	-40.40	-25	-15.40	Pass	H
6437.59	152	8	-41.54	-25	-16.54	Pass	H
8093.80	151	62	-46.23	-25	-21.23	Pass	H
1299.78	151	17	-54.18	-25	-29.18	Pass	V
1374.34	154	23	-55.83	-25	-30.83	Pass	V
3446.95	152	76	-51.91	-25	-26.91	Pass	V
3831.87	148	166	-47.96	-25	-22.96	Pass	V
5885.13	147	271	-46.68	-25	-21.68	Pass	V
6517.04	148	26	-49.33	-25	-24.33	Pass	V

Band 41 40740 channel/BW 5(middle channel)							
Frequency	Height	Azimuth	Spurious Emission Level	Limit	Over Limit	Result	Antenna Polaxis.
(MHz)	(cm)	(deg)	(dBm)	(dBm)	(dB)		
1407.18	148	12	-50.40	-25	-25.40	Pass	H
1612.61	145	331	-44.57	-25	-19.57	Pass	H
3805.86	153	64	-45.67	-25	-20.67	Pass	H
5982.20	154	157	-40.92	-25	-15.92	Pass	H
6536.43	154	219	-42.29	-25	-17.29	Pass	H
8147.87	147	354	-43.16	-25	-18.16	Pass	H
1249.49	152	335	-54.67	-25	-29.67	Pass	V
1396.05	147	34	-57.33	-25	-32.33	Pass	V
3448.34	148	141	-52.90	-25	-27.90	Pass	V
3863.20	149	347	-45.20	-25	-20.20	Pass	V
5868.97	153	245	-49.54	-25	-24.54	Pass	V
6513.17	148	79	-47.11	-25	-22.11	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)		
1258.30	155	47	-59.48	-25	-34.48	Pass	H
1649.04	154	347	-48.90	-25	-23.90	Pass	H
3960.40	147	37	-44.86	-25	-19.86	Pass	H
5846.93	149	320	-40.73	-25	-15.73	Pass	H
6460.08	152	286	-42.62	-25	-17.62	Pass	H
8126.54	150	87	-43.77	-25	-18.77	Pass	H
1233.53	149	134	-52.98	-25	-27.98	Pass	V
1545.99	155	83	-56.27	-25	-31.27	Pass	V
3608.55	151	217	-50.57	-25	-25.57	Pass	V
3898.00	145	241	-48.43	-25	-23.43	Pass	V
5884.81	151	215	-46.96	-25	-21.96	Pass	V
6503.34	146	256	-43.53	-25	-18.53	Pass	V

Note:

11) 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.

12) 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 66 131979 channel/BW1.4(lowest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1327.64	140	172	-58.63	-13	-45.63	Pass	H
1787.10	149	17	-48.99	-13	-35.99	Pass	H
3871.74	141	323	-45.65	-13	-32.65	Pass	H
5944.13	160	31	-44.37	-13	-31.37	Pass	H
6500.37	151	272	-44.28	-13	-31.28	Pass	H
8010.34	146	260	-43.78	-13	-30.78	Pass	H
1249.94	147	39	-55.59	-13	-42.59	Pass	V
1376.24	144	73	-58.85	-13	-45.85	Pass	V
3616.64	143	7	-50.00	-13	-37.00	Pass	V
3916.09	159	131	-53.05	-13	-40.05	Pass	V
5790.76	144	212	-46.15	-13	-33.15	Pass	V
6569.14	156	95	-44.79	-13	-31.79	Pass	V
Band 66 132322 channel/BW1.4(middle channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1347.87	150	262	-55.29	-13	-42.29	Pass	H
1794.60	146	166	-51.14	-13	-38.14	Pass	H
3813.16	150	281	-52.19	-13	-39.19	Pass	H
5871.56	146	93	-46.26	-13	-33.26	Pass	H
6376.88	149	43	-46.85	-13	-33.85	Pass	H
8045.74	151	46	-49.05	-13	-36.05	Pass	H
1156.89	149	111	-52.92	-13	-39.92	Pass	V
1423.06	148	270	-60.73	-13	-47.73	Pass	V
3533.35	147	131	-55.81	-13	-42.81	Pass	V
3981.34	148	49	-51.22	-13	-38.22	Pass	V
5740.52	150	236	-48.70	-13	-35.70	Pass	V
6535.13	150	322	-47.46	-13	-34.46	Pass	V

Band 66 132665 channel/BW1.4(highest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1242.76	153	96	-56.14	-13	-43.14	Pass	H
1589.32	154	168	-51.92	-13	-38.92	Pass	H
3907.96	148	282	-45.43	-13	-32.43	Pass	H
5953.12	152	207	-39.26	-13	-26.26	Pass	H
6556.24	152	39	-40.66	-13	-27.66	Pass	H
8067.10	151	240	-42.87	-13	-29.87	Pass	H
1308.09	150	151	-57.86	-13	-44.86	Pass	V
1420.97	153	11	-54.64	-13	-41.64	Pass	V
3600.21	151	273	-50.69	-13	-37.69	Pass	V
3901.99	152	286	-46.88	-13	-33.88	Pass	V
5705.16	151	99	-42.68	-13	-29.68	Pass	V
6626.11	155	342	-45.07	-13	-32.07	Pass	V

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Band 66 131979 channel/BW1.4(lowest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1364.21	145	241	-56.29	-13	-43.29	Pass	H
1646.24	150	21	-46.49	-13	-33.49	Pass	H
3870.10	152	184	-47.45	-13	-34.45	Pass	H
5995.88	148	23	-42.17	-13	-29.17	Pass	H
6546.16	146	55	-45.83	-13	-32.83	Pass	H
8043.62	149	59	-40.56	-13	-27.56	Pass	H
1240.78	147	193	-51.90	-13	-38.90	Pass	V
1377.75	152	262	-54.45	-13	-41.45	Pass	V
3686.13	146	59	-48.63	-13	-35.63	Pass	V
3912.00	153	130	-50.03	-13	-37.03	Pass	V
5767.55	151	167	-43.51	-13	-30.51	Pass	V
6610.36	147	228	-51.61	-13	-38.61	Pass	V

Band 66 132322 channel/BW1.4(middle channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1279.47	154	208	-52.03	-13	-41.45	Pass	H
1722.29	148	176	-52.60	-13	-37.85	Pass	H
3840.10	147	23	-45.05	-13	-35.2	Pass	H
6005.05	148	95	-45.86	-13	-30.39	Pass	H
6452.43	154	355	-45.54	-13	-32.24	Pass	H
7990.12	148	351	-41.97	-13	-30.22	Pass	H
1253.83	150	269	-59.05	-13	-44.9	Pass	V
1348.55	153	71	-57.63	-13	-43.63	Pass	V
3626.59	150	240	-49.95	-13	-35.94	Pass	V
3839.44	148	190	-48.59	-13	-36.01	Pass	V
5901.15	153	300	-47.39	-13	-33.75	Pass	V
6510.55	155	93	-47.63	-13	-32.41	Pass	V
Band 66 132665 channel/BW1.4(highest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1318.23	146	285	-57.67	-13	-44.67	Pass	H
1720.41	154	304	-52.24	-13	-39.24	Pass	H
3846.12	152	34	-42.99	-13	-29.99	Pass	H
5891.17	149	177	-43.14	-13	-30.14	Pass	H
6476.84	148	42	-37.73	-13	-24.73	Pass	H
8154.84	145	159	-44.56	-13	-31.56	Pass	H
1263.35	153	322	-52.73	-13	-39.73	Pass	V
1396.27	154	45	-59.43	-13	-46.43	Pass	V
3558.79	147	260	-47.89	-13	-34.89	Pass	V
3799.64	151	198	-47.76	-13	-34.76	Pass	V
5754.54	146	110	-47.45	-13	-34.45	Pass	V
6565.73	146	158	-45.72	-13	-32.72	Pass	V

Note:

13) 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.

14) 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 12.0V; Low Voltage LV=DC 10.8V; High Voltage HV=DC 13.2V

Please refer to Appendix 2: Frequency Stability

Test result: Pass

※※※※※ END OF REPORT ※※※※※