

# TEST REPORT

Product Name:	Tablet
FCC ID:	2BCNP-BS-PAD
Trademark:	BLACK SHARK
Model Number:	BSA1, BSA2, BSA3, BSA4, BSA5, BSA6, BSA7, BSA8, BSA9, BSA10, BSA11, BSA12, BSA13, BSA14, BSA15, BSA16, BSA17, BSA18, BSA19, BSA20, BSA21, BSA22, BSA23, BSA24, BSA25, BSA26, BSA27, BSA28, BSA29, BSA30, BSA31, BSA32, BSA33, BSA34, BSA35, BSA36, BSA37, BSA38, BSA39, BSA40.
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Sample Received Date:	May. 14, 2024
Sample tested Date:	May. 14, 2024 to Jun. 11, 2024
Issue Date:	Jun. 11, 2024
Report No.:	CTB240611027RF
Test Standards	FCC Part 2, 22, 24E, 27
Test Results	PASS
Remark:	This is LTE radio test report.

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Reviewed by:

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Arron Liu

Approved by:



Bin Mei / Director

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.

## TABLE OF CONTENT

	Page
Test Report Declaration	
1. <b>VERSION</b> .....	3
2. <b>TEST SUMMARY</b> .....	4
3. <b>MEASUREMENT UNCERTAINTY</b> .....	5
4. <b>PRODUCT INFORMATION AND TEST SETUP</b> .....	6
4.1 Product Information .....	6
4.2 Test Setup Configuration.....	6
4.3 Support Equipment.....	7
4.4 Test Mode .....	7
4.5 Test Environment .....	7
5. <b>TEST FACILITY AND TEST INSTRUMENT USED</b> .....	8
5.1 Test Facility .....	8
5.2 Test Instrument Used .....	8
6. <b>RF EXPOSURE</b> .....	10
6.1 Standard Applicable .....	10
6.2 Test Result.....	10
7. <b>RF OUTPUT POWER</b> .....	11
7.1 Standard Applicable .....	11
7.2 Test Procedure.....	11
7.3 Summary of Test Results/Plots .....	12
8. <b>PEAK-TO-AVERAGE RATIO (PAR) OF TRANSMITTER</b> .....	13
8.1 Standard Applicable .....	13
8.2 Test Procedure.....	13
8.3 Summary of Test Results .....	13
9. <b>EMISSION BANDWIDTH</b> .....	14
9.1 Standard Applicable .....	14
9.2 Test Procedure.....	14
9.3 Summary of Test Results/Plots .....	14
10. <b>OUT OF BAND EMISSIONS AT ANTENNA TERMINAL</b> .....	15
10.1 Standard Applicable .....	15
10.2 Test Procedure.....	15
10.3 Summary of Test Results/Plots .....	16
11. <b>SPURIOUS RADIATED EMISSIONS</b> .....	17
11.1 Standard Applicable .....	17
11.2 Test Procedure.....	18
11.3 Summary of Test Results/Plots .....	18
12. <b>FREQUENCY STABILITY</b> .....	30
12.1 Standard Applicable .....	30
12.2 Test Procedure.....	30
12.3 Summary of Test Results/Plots .....	30

(Note: N/A means not applicable)

**1. VERSION**

Report No.	Issue Date	Description	Approved
CTB240611027RF	Jun. 11, 2024	Original	Valid

## 2. TEST SUMMARY

The Product has been tested according to the following specifications:

Test Item	Test Requirement	Test method	Result
<b>Conducted output power</b>	Part 2.1046(a)	TIA-603-E-2016 & KDB 971168 D01v03r01	PASS
<b>Effective Radiated Power of Transmitter(EIRP)</b>	Part 22.913(a)(5)/Part27.50(h)(2)	TIA-603-E-2016 & KDB 971168 D01v03r01	PASS
<b>peak-to-average ratio</b>	Part 27.50(d)	KDB 971168 D01v03r01	PASS
<b>99% &amp; 26dB Occupied Bandwidth</b>	Part 2.1049(h)	KDB 971168 D01v03r01	PASS
<b>Band Edge at antenna terminals</b>	Part 2.1051/ Part 22.917(a)/Part 27.53(m) (4)	KDB 971168 D01v03r01	PASS
<b>Spurious emissions at antenna terminals</b>	Part 2.1051/ Part 22.917(a)/Part 27.53(m) (4)	TIA-603-E-2016 & KDB 971168 D01v03r01	PASS
<b>Field strength of spurious radiation</b>	Part 2.1053/ Part 22.917(a)/Part 27.53(m) (4)	TIA-603-E-2016 & KDB 971168 D01v03r01	PASS
<b>Frequency stability</b>	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	1x10-7

#### 4. PRODUCT INFORMATION AND TEST SETUP

##### 4.1 Product Information

Model(s):	BSA1, BSA2, BSA3, BSA4, BSA5, BSA6, BSA7, BSA8, BSA9, BSA10, BSA11, BSA12, BSA13, BSA14, BSA15, BSA16, BSA17, BSA18, BSA19, BSA20, BSA21, BSA22, BSA23, BSA24, BSA25, BSA26, BSA27, BSA28, BSA29, BSA30, BSA31, BSA32, BSA33, BSA34, BSA35, BSA36, BSA37, BSA38, BSA39, BSA40.
Model Description:	All the model are the same circuit and RF module, only different for model name. Test sample model: BSA1
Hardware Version:	P30-T616-V2.0-230703-L1
Software Version:	ussi_arm64_full_release-w23.07.1-p1-20240430
Operation Frequency:	FDD-LTE BAND 4: 1710-1755MHz FDD-LTE BAND 5: 824-849MHz FDD-LTE BAND 7: 2500-2570MHz TDD-LTE BAND 41: 2555-2655MHz
Max. RF output power:	FDD-LTE BAND 4: 22.92dBm FDD-LTE BAND 5: 23.62dBm FDD-LTE BAND 7: 21.33dBm TDD-LTE BAND 41: 21.45dBm
Type of Modulation:	QPSK, 16QAM
Antenna installation:	Internal antenna
Antenna Gain:	FDD-LTE BAND 4: 2.34dBi FDD-LTE BAND 5: -4.32dBi FDD-LTE BAND 7: 0dBi TDD-LTE BAND 41: 2.55dBi
Ratings:	Input: 100-240V~, 50/60Hz, 0.5A USB-C Output: 5.0V@3.0A, 9.0V@2.22A, 12.0V@1.67A DC 3.85V by battery

##### 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/TypeNo.	SeriesNo.	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 4	Low, Middle, High Channels
TM2	FDD-LTE BAND 5	Low, Middle, High Channels
TM3	FDD-LTE BAND 7	Low, Middle, High Channels
TM4	FDD-LTE BAND 41	Low, Middle, High Channels

#### 4.5 Test Environment

Humidity(%):	54
Atmospheric Pressure(kPa):	101
Normal Voltage(DC):	3.85V
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.

### 5.2 Test Instrument Used

No.	Equipment	Manufacturer	Type No.	Serial No.	Firmware Version	Calibrated until
1	Spectrum Analyzer	Agilent	N9020A	MY52090073	A.14.16	2024.07.05
2	Power Sensor	Agilent	U2021XA	MY56120032	/	2024.07.05
3	Power Sensor	Agilent	U2021XA	MY56120034	/	2024.07.05
4	Communication test set	R&S	CMW500	108058	V3.5.80	2024.07.05
5	Spectrum Analyzer	KEYSIGHT	N9020A	MY51289897	A.14.16	2024.07.05
6	Signal Generator	Agilent	N5181A	MY50140365	A.01.60	2024.07.05
7	Vector signal generator	Agilent	N5182A	MY47420195	A.01.87	2024.07.05
8	Communication test set	Agilent	E5515C	MY50102567	B.19.07 (E1962B)	2024.07.06
9	2.4 GHz Filter	Shenxiang	MSF2400-24 83.5MS-1154	20181015001	/	2024.07.05
10	5 GHz Filter	Shenxiang	MSF5150-58 50MS-1155	20181015001	/	2024.07.06
11	Filter	Xingbo	XBLBQ-DZA 120	190821-1-1	/	2024.07.06
12	BT&WI-FI Automatic test software	Microwave	MTS8000	Ver. 2.0.0.0	/	/
13	Rohde & Schwarz SFU Broadcast Test System	R&S	SFU	101017	/	2024.10.30
14	Temperature humidity chamber	Hongjing	TH-80CH	DG-15174	/	2024.07.05
15	234G Automatic test software	Microwave	MTS8200	Ver. 2.0.0.0	/	/
16	966 chamber	C.R.T.	966	/	/	2024.08.11
17	Receiver	R&S	ESPI	100362	RF_ATTEN_7 (104489/003)	2024.07.05
18	Amplifier	HP	8447E	2945A02747	/	2024.07.05
19	Amplifier	Agilent	8449B	3008A01838	/	2024.07.05
20	TRILOG Broadband Antenna	Schwarzbeck	VULB 9168	00869	/	2024.07.08
21	Double Ridged Broadband Horn Antenna	Schwarzbeck	BBHA9120D	01911	/	2024.07.08

22	EMI test software	Fala	EZ-EMC	FA-03A2 RE	/	/
23	Loop Antenna	Schwarzbeck	FMZB 1519B	1519B-224	/	2024.07.08
24	loop antenna	ZHINAN	ZN30900A	GTS534	/	/
25	40G Horn antenna	A/H/System	SAS-574	588	/	2024.10.30
26	Amplifier	AEROFLEX	Aeroflex	097	/	2024.07.05

## 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.

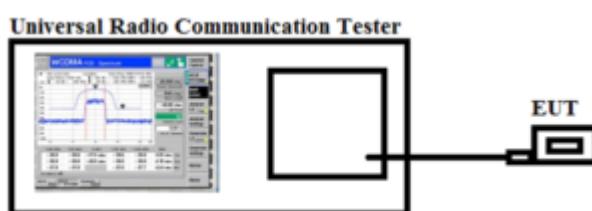
According to §24.232(c), mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

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.

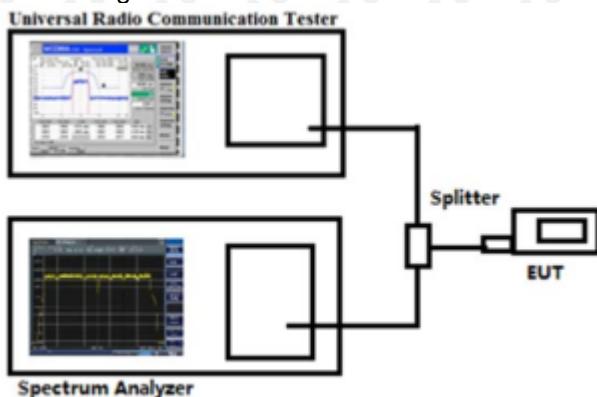
According to §27.50(B), the peak-to-average power ratio (PAPR) of the transmitter output power must not exceed 13 dB. The PAPR measurements should be made using either an instrument with complementary cumulative distribution function (CCDF) capabilities to determine that PAPR will not exceed 13 dB for 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.

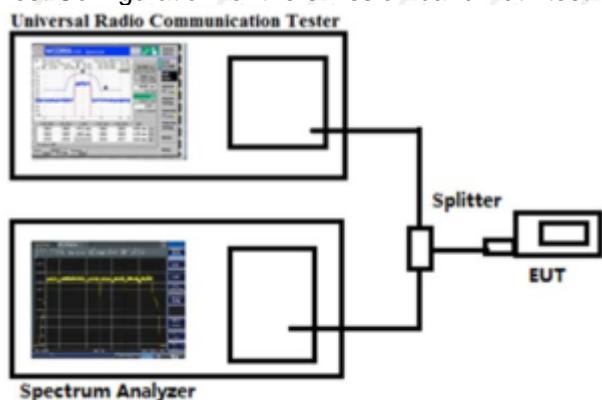
According to §24.238(b), the emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

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.

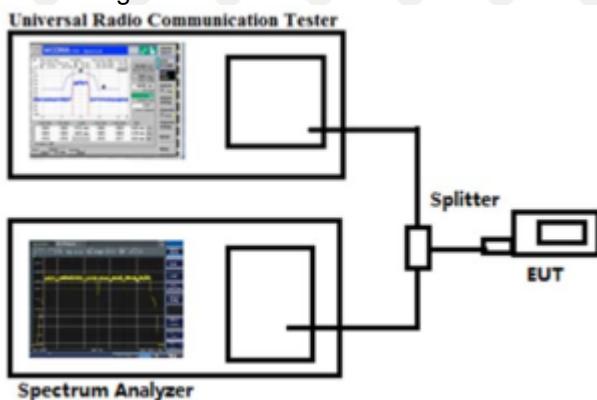
According to §27.53(g), for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least  $43 + 10 \log(P)$  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 =  $43 + 10 \log 10$  (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 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.
1371.77	150	261	-59.04	-13	-46.04	Pass	H
1677.41	157	89	-50.31	-13	-37.31	Pass	H
3850.92	151	130	-48.81	-13	-35.81	Pass	H
5976.29	155	289	-43.02	-13	-30.02	Pass	H
6499.69	160	160	-44.57	-13	-31.57	Pass	H
8115.40	150	268	-44.26	-13	-31.26	Pass	H
1304.79	146	230	-53.76	-13	-40.76	Pass	V
1424.58	147	215	-58.58	-13	-45.58	Pass	V
3514.31	147	316	-49.27	-13	-36.27	Pass	V
3843.02	144	121	-51.97	-13	-38.97	Pass	V
5843.94	159	199	-50.76	-13	-37.76	Pass	V
6477.01	152	33	-48.14	-13	-35.14	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.
1381.18	150	218	-56.23	-13	-43.23	Pass	H
1649.23	146	250	-50.17	-13	-37.17	Pass	H
3964.75	150	254	-49.66	-13	-36.66	Pass	H
5774.82	146	245	-47.15	-13	-34.15	Pass	H
6501.21	149	41	-48.27	-13	-35.27	Pass	H
7953.64	151	7	-46.78	-13	-33.78	Pass	H
1331.65	149	90	-54.78	-13	-41.78	Pass	V
1310.63	148	324	-60.88	-13	-47.88	Pass	V
3507.36	147	140	-56.42	-13	-43.42	Pass	V
3862.59	148	161	-53.78	-13	-40.78	Pass	V
5799.05	150	119	-46.45	-13	-33.45	Pass	V
6617.72	150	185	-47.61	-13	-34.61	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.
1393.24	155	87	-57.30	-13	-44.30	Pass	H
1591.79	147	265	-54.52	-13	-41.52	Pass	H
3761.84	155	284	-42.80	-13	-29.80	Pass	H
5966.39	154	151	-38.40	-13	-25.40	Pass	H
6446.96	146	322	-42.60	-13	-29.60	Pass	H
8070.91	150	145	-47.13	-13	-34.13	Pass	H
1178.57	152	127	-54.95	-13	-41.95	Pass	V
1482.07	147	28	-53.99	-13	-40.99	Pass	V
3476.88	149	276	-55.69	-13	-42.69	Pass	V
3914.17	155	148	-47.54	-13	-34.54	Pass	V
5849.80	148	263	-45.18	-13	-32.18	Pass	V
6528.48	151	168	-45.06	-13	-32.06	Pass	V

## 16QAM

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.
1321.49	147	236	-56.08	-13	-43.08	Pass	H
1657.06	152	42	-45.01	-13	-32.01	Pass	H
3814.30	148	264	-50.60	-13	-37.60	Pass	H
5862.45	154	12	-43.86	-13	-30.86	Pass	H
6508.33	148	28	-46.35	-13	-33.35	Pass	H
7904.12	153	14	-44.07	-13	-31.07	Pass	H
1119.69	150	261	-49.92	-13	-36.92	Pass	V
1493.55	147	335	-55.38	-13	-42.38	Pass	V
3691.82	152	128	-49.55	-13	-36.55	Pass	V
3886.31	153	307	-48.89	-13	-35.89	Pass	V
5894.02	146	239	-44.17	-13	-31.17	Pass	V
6655.67	148	284	-49.62	-13	-36.62	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.
1276.14	151	264	-57.36	-13	-41.45	Pass	H
1766.17	154	29	-51.88	-13	-37.85	Pass	H
3865.96	151	298	-46.66	-13	-35.2	Pass	H
5989.05	153	132	-41.68	-13	-30.39	Pass	H
6500.75	148	329	-45.09	-13	-32.24	Pass	H
8088.37	150	264	-42.83	-13	-30.22	Pass	H
1213.72	155	152	-54.46	-13	-44.9	Pass	V
1425.48	148	324	-53.99	-13	-43.63	Pass	V
3606.45	154	178	-49.63	-13	-35.94	Pass	V
3812.96	147	95	-51.08	-13	-36.01	Pass	V
5770.32	153	310	-49.25	-13	-33.75	Pass	V
6508.06	152	9	-45.36	-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.
1404.54	150	228	-53.46	-13	-40.46	Pass	H
1761.11	153	236	-50.27	-13	-37.27	Pass	H
3919.35	151	16	-41.00	-13	-28.00	Pass	H
5859.29	146	34	-40.54	-13	-27.54	Pass	H
6557.85	147	186	-38.87	-13	-25.87	Pass	H
8072.91	147	30	-43.87	-13	-30.87	Pass	H
1254.84	152	99	-54.45	-13	-41.45	Pass	V
1452.73	150	280	-59.75	-13	-46.75	Pass	V
3601.47	145	287	-52.96	-13	-39.96	Pass	V
3883.07	145	103	-48.93	-13	-35.93	Pass	V
5746.07	152	263	-45.87	-13	-32.87	Pass	V
6584.94	146	230	-44.88	-13	-31.88	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.

## 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.
1387.06	152	77	-53.70	-13	-40.70	Pass	H
1775.82	151	240	-48.68	-13	-35.68	Pass	H
3957.51	155	14	-47.07	-13	-34.07	Pass	H
5990.40	153	253	-46.06	-13	-33.06	Pass	H
6589.77	152	217	-44.92	-13	-31.92	Pass	H
8045.54	154	83	-40.87	-13	-27.87	Pass	H
1185.18	148	20	-57.18	-13	-44.18	Pass	V
1484.22	147	50	-56.64	-13	-43.64	Pass	V
3643.62	146	258	-47.92	-13	-34.92	Pass	V
3889.02	150	254	-48.86	-13	-35.86	Pass	V
5813.62	149	289	-48.34	-13	-35.34	Pass	V
6504.67	149	259	-46.99	-13	-33.99	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.
1406.65	147	299	-51.25	-13	-38.25	Pass	H
1784.00	150	45	-51.43	-13	-38.43	Pass	H
3887.46	155	259	-47.78	-13	-34.78	Pass	H
5900.17	150	150	-43.42	-13	-30.42	Pass	H
6587.84	151	161	-45.22	-13	-32.22	Pass	H
7964.55	151	143	-48.45	-13	-35.45	Pass	H
1170.59	154	70	-57.55	-13	-44.55	Pass	V
1335.84	149	84	-60.35	-13	-47.35	Pass	V
3542.29	152	261	-49.36	-13	-36.36	Pass	V
3801.85	149	77	-45.36	-13	-32.36	Pass	V
5885.18	150	211	-45.23	-13	-32.23	Pass	V
6569.71	147	157	-41.85	-13	-28.85	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.
1378.35	149	165	-50.66	-13	-37.66	Pass	H
1778.77	146	208	-45.33	-13	-32.33	Pass	H
3852.28	146	4	-46.17	-13	-33.17	Pass	H
5796.75	150	198	-39.25	-13	-26.25	Pass	H
6535.98	146	341	-42.95	-13	-29.95	Pass	H
8023.83	150	235	-43.78	-13	-30.78	Pass	H
1262.13	146	292	-51.52	-13	-38.52	Pass	V
1411.94	150	158	-59.45	-13	-46.45	Pass	V
3503.39	149	55	-51.82	-13	-38.82	Pass	V
3756.67	150	319	-48.72	-13	-35.72	Pass	V
5854.95	146	118	-43.46	-13	-30.46	Pass	V
6548.49	150	155	-46.22	-13	-33.22	Pass	V

## 16QAM

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.
1242.24	150	78	-56.32	-13	-43.32	Pass	H
1796.03	149	291	-50.33	-13	-37.33	Pass	H
3894.62	151	213	-50.38	-13	-37.38	Pass	H
5895.37	150	89	-47.72	-13	-34.72	Pass	H
6480.46	151	329	-44.43	-13	-31.43	Pass	H
8059.98	148	138	-45.15	-13	-32.15	Pass	H
1227.93	149	99	-53.82	-13	-40.82	Pass	V
1378.52	148	217	-54.83	-13	-41.83	Pass	V
3517.48	150	12	-47.06	-13	-34.06	Pass	V
3919.82	150	137	-49.30	-13	-36.30	Pass	V
5814.33	146	356	-44.25	-13	-31.25	Pass	V
6506.62	146	95	-48.63	-13	-35.63	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.
1210.12	150	142	-54.91	-13	-41.91	Pass	H
1729.66	146	280	-55.99	-13	-42.99	Pass	H
3935.84	150	330	-46.71	-13	-33.71	Pass	H
5874.00	146	194	-44.63	-13	-31.63	Pass	H
6454.28	149	260	-51.92	-13	-38.92	Pass	H
7933.82	151	31	-47.07	-13	-34.07	Pass	H
1308.12	149	4	-50.62	-13	-37.62	Pass	V
1307.64	148	257	-61.66	-13	-48.66	Pass	V
3599.37	147	55	-54.50	-13	-41.50	Pass	V
3962.69	148	273	-51.58	-13	-38.58	Pass	V
5778.72	150	136	-50.85	-13	-37.85	Pass	V
6461.57	150	16	-50.89	-13	-37.89	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.
1266.92	149	156	-57.58	-13	-44.58	Pass	H
1665.89	149	170	-53.02	-13	-40.02	Pass	H
3809.89	149	127	-43.18	-13	-30.18	Pass	H
5851.85	146	42	-42.18	-13	-29.18	Pass	H
6479.41	147	69	-46.15	-13	-33.15	Pass	H
7948.08	151	110	-46.78	-13	-33.78	Pass	H
1239.81	148	61	-55.61	-13	-42.61	Pass	V
1401.97	147	266	-56.65	-13	-43.65	Pass	V
3485.74	148	303	-52.15	-13	-39.15	Pass	V
3880.83	149	195	-44.85	-13	-31.85	Pass	V
5720.55	147	323	-47.79	-13	-34.79	Pass	V
6515.04	146	325	-46.06	-13	-33.06	Pass	V

Note:

3) 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.

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 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.
1259.63	151	310	-55.86	-13	-42.86	Pass	H
1640.74	152	178	-46.18	-13	-33.18	Pass	H
3803.55	145	245	-52.50	-13	-39.50	Pass	H
5987.02	152	199	-45.17	-13	-32.17	Pass	H
6515.21	154	114	-47.40	-13	-34.40	Pass	H
8078.21	145	20	-40.70	-13	-27.70	Pass	H
1130.23	146	245	-56.02	-13	-43.02	Pass	V
1441.13	155	173	-54.68	-13	-41.68	Pass	V
3682.99	153	214	-50.72	-13	-37.72	Pass	V
3998.99	154	131	-49.23	-13	-36.23	Pass	V
5861.69	152	19	-46.33	-13	-33.33	Pass	V
6616.48	146	109	-50.54	-13	-37.54	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.
1304.66	152	218	-52.52	-13	-39.52	Pass	H
1694.11	148	206	-49.69	-13	-36.69	Pass	H
3872.62	153	195	-46.19	-13	-33.19	Pass	H
5912.46	147	174	-41.64	-13	-28.64	Pass	H
6535.83	151	352	-45.91	-13	-32.91	Pass	H
8092.85	151	252	-42.08	-13	-29.08	Pass	H
1115.93	154	135	-56.41	-13	-43.41	Pass	V
1335.61	153	256	-59.78	-13	-46.78	Pass	V
3616.80	152	140	-45.18	-13	-32.18	Pass	V
3829.71	151	17	-50.02	-13	-37.02	Pass	V
5792.85	153	264	-40.95	-13	-27.95	Pass	V
6491.59	151	241	-46.81	-13	-33.81	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.
1376.88	149	165	-52.45	-13	-39.45	Pass	H
1766.30	146	208	-46.68	-13	-33.68	Pass	H
3896.60	146	4	-44.55	-13	-31.55	Pass	H
5834.07	150	198	-39.00	-13	-26.00	Pass	H
6519.07	146	341	-45.92	-13	-32.92	Pass	H
8123.51	150	235	-43.46	-13	-30.46	Pass	H
1172.06	146	292	-56.50	-13	-43.50	Pass	V
1513.75	150	158	-59.53	-13	-46.53	Pass	V
3485.73	149	55	-47.02	-13	-34.02	Pass	V
3838.78	150	319	-48.08	-13	-35.08	Pass	V
5806.41	146	118	-48.45	-13	-35.45	Pass	V
6594.11	150	155	-46.89	-13	-33.89	Pass	V

## 16QAM

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.
1252.74	150	78	-54.45	-13	-41.45	Pass	H
1667.30	149	291	-50.31	-13	-37.31	Pass	H
3932.12	151	213	-48.06	-13	-35.06	Pass	H
5862.95	150	89	-44.65	-13	-31.65	Pass	H
6563.43	151	329	-46.03	-13	-33.03	Pass	H
7903.70	148	138	-45.87	-13	-32.87	Pass	H
1182.62	149	99	-58.54	-13	-45.54	Pass	V
1390.77	148	217	-53.94	-13	-40.94	Pass	V
3575.70	150	12	-46.80	-13	-33.80	Pass	V
3754.33	150	137	-47.54	-13	-34.54	Pass	V
5869.91	146	356	-45.19	-13	-32.19	Pass	V
6538.78	146	95	-44.26	-13	-31.26	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.
1369.06	150	142	-57.44	-13	-44.44	Pass	H
1805.79	146	280	-49.91	-13	-36.91	Pass	H
3888.02	150	330	-48.29	-13	-35.29	Pass	H
5905.12	146	194	-43.06	-13	-30.06	Pass	H
6534.78	149	260	-48.73	-13	-35.73	Pass	H
8005.95	151	31	-43.82	-13	-30.82	Pass	H
1266.34	149	4	-53.85	-13	-40.85	Pass	V
1300.32	148	257	-65.56	-13	-52.56	Pass	V
3550.83	147	55	-51.26	-13	-38.26	Pass	V
3884.79	148	273	-51.92	-13	-38.92	Pass	V
5748.49	150	136	-50.22	-13	-37.22	Pass	V
6483.04	150	16	-48.16	-13	-35.16	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.
1243.68	149	156	-54.74	-13	-41.74	Pass	H
1638.31	149	170	-52.34	-13	-39.34	Pass	H
3750.79	149	127	-49.72	-13	-36.72	Pass	H
5851.21	146	42	-42.55	-13	-29.55	Pass	H
6490.27	147	69	-44.94	-13	-31.94	Pass	H
7943.61	151	110	-46.87	-13	-33.87	Pass	H
1190.77	148	61	-55.84	-13	-42.84	Pass	V
1389.12	147	266	-51.90	-13	-38.90	Pass	V
3493.36	148	303	-53.10	-13	-40.10	Pass	V
3860.76	149	195	-48.24	-13	-35.24	Pass	V
5767.42	147	323	-44.86	-13	-31.86	Pass	V
6481.58	146	325	-45.38	-13	-32.38	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-B41

Band 41 40265 channel/BW 5(lowest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1308.27	149	165	-53.25	-25	-28.25	Pass	H
1644.64	146	208	-50.99	-25	-25.99	Pass	H
3905.80	146	4	-46.45	-25	-21.45	Pass	H
5908.06	150	198	-39.20	-25	-14.20	Pass	H
6573.19	146	341	-40.09	-25	-15.09	Pass	H
8005.16	150	235	-47.87	-25	-22.87	Pass	H
1197.11	146	292	-51.16	-25	-26.16	Pass	V
1508.98	150	158	-57.15	-25	-32.15	Pass	V
3445.03	149	55	-51.05	-25	-26.05	Pass	V
3730.20	150	319	-51.32	-25	-26.32	Pass	V
5845.87	146	118	-48.23	-25	-23.23	Pass	V
6512.84	150	155	-46.39	-25	-21.39	Pass	V
Band 41 40740 channel/BW 5(middle channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1403.75	149	165	-59.37	-25	-34.37	Pass	H
1653.44	146	208	-45.48	-25	-20.48	Pass	H
3926.65	146	4	-47.05	-25	-22.05	Pass	H
5886.51	150	198	-44.82	-25	-19.82	Pass	H
6462.44	146	341	-44.90	-25	-19.90	Pass	H
8087.74	150	235	-42.28	-25	-17.28	Pass	H
1292.87	146	292	-52.86	-25	-27.86	Pass	V
1414.94	150	158	-57.86	-25	-32.86	Pass	V
3453.75	149	55	-52.05	-25	-27.05	Pass	V
3751.47	150	319	-51.50	-25	-26.50	Pass	V
5740.61	146	118	-43.99	-25	-18.99	Pass	V
6511.40	150	155	-46.86	-25	-21.86	Pass	V
Band 41 41215 channel/BW 5(highest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1412.00	149	165	-54.63	-25	-29.63	Pass	H
1787.59	146	208	-49.63	-25	-24.63	Pass	H
3845.63	146	4	-42.77	-25	-17.77	Pass	H
5838.66	150	198	-44.89	-25	-19.89	Pass	H
6569.29	146	341	-47.17	-25	-22.17	Pass	H
8172.36	150	235	-41.21	-25	-16.21	Pass	H
1229.54	146	292	-56.97	-25	-31.97	Pass	V
1485.72	150	158	-58.26	-25	-33.26	Pass	V
3450.09	149	55	-49.79	-25	-24.79	Pass	V
3803.30	150	319	-51.72	-25	-26.72	Pass	V
5822.07	146	118	-48.53	-25	-23.53	Pass	V
6638.81	150	155	-47.72	-25	-22.72	Pass	V

## 16QAM-B41

Band 41 40265 channel/BW 5(lowest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1341.69	149	165	-53.31	-25	-28.31	Pass	H
1788.90	146	208	-43.72	-25	-18.72	Pass	H
3970.52	146	4	-46.46	-25	-21.46	Pass	H
5849.27	150	198	-44.21	-25	-19.21	Pass	H
6438.08	146	341	-40.50	-25	-15.50	Pass	H
8128.90	150	235	-42.84	-25	-17.84	Pass	H
1202.71	146	292	-52.06	-25	-27.06	Pass	V
1401.44	150	158	-58.13	-25	-33.13	Pass	V
3460.78	149	55	-54.57	-25	-29.57	Pass	V
3845.27	150	319	-52.93	-25	-27.93	Pass	V
5825.33	146	118	-48.42	-25	-23.42	Pass	V
6632.91	150	155	-50.03	-25	-25.03	Pass	V
Band 41 40740 channel/BW 5(middle channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1237.27	146	50	-52.46	-25	-27.46	Pass	H
1685.70	146	107	-46.15	-25	-21.15	Pass	H
3940.94	146	172	-43.27	-25	-18.27	Pass	H
5897.19	154	49	-43.38	-25	-18.38	Pass	H
6512.31	146	305	-39.67	-25	-14.67	Pass	H
8007.02	150	10	-45.16	-25	-20.16	Pass	H
1236.38	155	235	-55.26	-25	-30.26	Pass	V
1376.22	153	150	-56.89	-25	-31.89	Pass	V
3496.73	149	313	-49.11	-25	-24.11	Pass	V
3772.01	154	274	-51.89	-25	-26.89	Pass	V
5862.33	150	237	-48.25	-25	-23.25	Pass	V
6495.68	148	188	-45.01	-25	-20.01	Pass	V
Band 41 41215 channel/BW 5(highest channel)							
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1419.77	149	165	-58.00	-25	-33.00	Pass	H
1782.97	146	208	-45.01	-25	-20.01	Pass	H
3940.79	146	4	-40.55	-25	-15.55	Pass	H
5917.46	150	198	-39.37	-25	-14.37	Pass	H
6601.21	146	341	-44.04	-25	-19.04	Pass	H
8174.73	150	235	-44.23	-25	-19.23	Pass	H
1269.21	146	292	-49.88	-25	-24.88	Pass	V
1454.54	150	158	-57.56	-25	-32.56	Pass	V
3630.58	149	55	-49.32	-25	-24.32	Pass	V
3889.54	150	319	-53.60	-25	-28.60	Pass	V
5892.21	146	118	-44.11	-25	-19.11	Pass	V
6612.95	150	155	-49.59	-25	-24.59	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.

## 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=DC3.85V; Low Voltage LV=DC3.465V; High Voltage HV=DC4.235V

Please refer to Appendix 2: Frequency Stability

Test result: Pass

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