



REPORT No.: SZ26040328Y03

TEST REPORT

APPLICANT : BLU Products, Inc.

PRODUCT NAME : Tablet

MODEL NAME : T500B

BRAND NAME : BLU

FCC ID : YHLBLUT500B

STANDARD(S) : 47 CFR Part 2
47 CFR Part 90, Subpart S&R

RECEIPT DATE : 2026-04-27

TEST DATE : 2026-05-06 to 2026-06-05

ISSUE DATE : 2026-06-24



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Change History		
Version	Date	Reason for change
1.0	2026-06-24	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	BLU Products, Inc.
Applicant Address:	8600 NW 36th Street Suite 300 Miami, FL 33166,USA
Manufacturer:	BLU Products, Inc.
Manufacturer Address:	8600 NW 36th Street Suite 300 Miami, FL 33166,USA

1.2. Equipment Under Test (EUT) Description

Product Name:	Tablet	
Sample No.:	8#	
Hardware Version:	1.0	
Software Version:	BLU_T500B_V16.0.01.06.01.07_FSec	
Modulation Type:	QPSK, 16QAM, 64QAM, 256QAM	
Operation Band:	Band 14	
Carrier Aggregation(UL):	Support	
Frequency Range:	LTE Band 14	Tx: 788MHz–798MHz
		Rx: 758MHz–768MHz
Channel Bandwidth	LTE Band 14	5MHz, 10MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	LTE Band 14	-2.00dBi

Note 1: The EUT description presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information. For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.



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1.3. Maximum E.R.P./E.I.R.P. and Emission Designator

LTE Band 14	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW(MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.106	0.086	0.071	0.031	8M99G7D	8M96W7D	8M97W7D	8M97W7D
5	0.104	0.085	0.070	0.031	4M49G7D	4M48W7D	4M50W7D	4M49W7D



1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2 and Part 90 for the EUT FCC ID Certification:

No	Identity	Document Title
1	47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
2	47 CFR Part 90	Miscellaneous Wireless Communications Services

Test detailed items/section required by FCC rules and results are as below:

Section	Description	Test Engineer	Result	Remark
2.1046, 90.635(b)	Transmitter Conducted Output Power and ERP/EIRP	Zheng Jianhua Liu Huiyan	PASS _{Note3}	/
2.1049	Occupied Bandwidth	Liu Huiyan	PASS	/
2.1055, 90.213	Frequency Stability	Liu Huiyan	PASS	/
2.1051, 90.691	Conducted Spurious Emissions	Liu Huiyan	PASS	/
2.1051, 90.691	Band Edge	Liu Huiyan	PASS	/
2.1053, 90.691	Radiated Spurious Emissions	Gao Jianrou	PASS	/

Note 1: The tests were performed according to the method of measurements prescribed in KDB 971168 D01 v03 and ANSI/TIA-603-E-2016.

Note 2: Any additions, deviation, or exclusions from the method shall be noted in the "Remark".

Note 3: The antenna gain presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information.



1.5. Environmental Conditions

During the measurement, the environmental conditions were within the listed ranges:

Temperature (°C):	15-35
Relative Humidity (%):	30-60
Atmospheric Pressure (kPa):	86-106

2.47 CFR Part 2, Part 90R&S Requirements

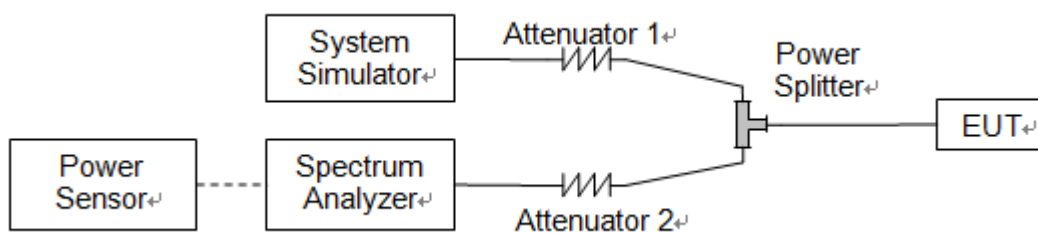
2.1. Transmitter Conducted Output Power and E.R.P./E.I.R.P.

2.1.1. Requirement

According to FCC section 2.1046(a), for transmitters other than single sideband, independent sideband and controlled carrier radiotelephone, power output shall be measured at the RF output terminals when the transmitter is adjusted in accordance with the tune-up procedure to give the values of current and voltage on the circuit elements specified in FCC section 2.1033(c)(8).

According to FCC section 90.635(b) for LTE Band 14, the maximum output power of the transmitter for mobile stations is 100 watts.

2.1.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.1.3. Test procedure

KDB 971168 D01v03 Section 5.2 and ANSI/TIA-603-E-2016.

$$\text{EIRP (dBm)} = \text{Conducted Output Power (dBm)} + \text{Antenna Gain (dBi)}$$

$$\text{ERP (dBm)} = \text{EIPR (dBm)} - 2.15$$



2.1.4. Result

Conducted Output Power

LTE Band 14						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	23330	/
Frequency (MHz)				/	793	/
10	QPSK	1	0	/	24.40	/
10	QPSK	1	25	/	24.39	/
10	QPSK	1	49	/	24.33	/
10	QPSK	25	0	/	23.49	/
10	QPSK	25	12	/	23.47	/
10	QPSK	25	25	/	23.45	/
10	QPSK	50	0	/	23.46	/
10	16QAM	1	0	/	23.44	/
10	16QAM	1	25	/	23.48	/
10	16QAM	1	49	/	23.44	/
10	16QAM	25	0	/	22.51	/
10	16QAM	25	12	/	22.49	/
10	16QAM	25	25	/	22.42	/
10	16QAM	50	0	/	22.46	/
10	64QAM	1	0	/	22.69	/
10	64QAM	1	25	/	22.49	/
10	64QAM	1	49	/	22.54	/
10	64QAM	25	0	/	21.45	/
10	64QAM	25	12	/	21.51	/
10	64QAM	25	25	/	21.43	/
10	64QAM	50	0	/	21.67	/
10	256QAM	1	0	/	19.09	/
10	256QAM	1	25	/	18.95	/
10	256QAM	1	49	/	19.04	/
10	256QAM	25	0	/	19.02	/
10	256QAM	25	12	/	18.88	/
10	256QAM	25	25	/	18.84	/
10	256QAM	50	0	/	18.87	/



LTE Band 14						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23305	23330	23355
Frequency (MHz)				790.5	793	795.5
5	QPSK	1	0	24.30	24.31	24.25
5	QPSK	1	12	24.28	24.26	24.29
5	QPSK	1	24	24.28	24.21	24.24
5	QPSK	12	0	23.32	23.37	23.40
5	QPSK	12	7	23.35	23.31	23.38
5	QPSK	12	13	23.35	23.35	23.37
5	QPSK	25	0	23.39	23.38	23.40
5	16QAM	1	0	23.40	23.39	23.39
5	16QAM	1	12	23.36	23.31	23.45
5	16QAM	1	24	23.31	23.36	23.40
5	16QAM	12	0	22.36	22.39	22.41
5	16QAM	12	7	22.38	22.41	22.39
5	16QAM	12	13	22.25	22.22	22.36
5	16QAM	25	0	22.39	22.31	22.32
5	64QAM	1	0	22.60	22.50	22.57
5	64QAM	1	12	22.43	22.35	22.40
5	64QAM	1	24	22.44	22.46	22.43
5	64QAM	12	0	21.33	21.35	21.34
5	64QAM	12	7	21.42	21.38	21.43
5	64QAM	12	13	21.24	21.25	21.32
5	64QAM	25	0	21.39	21.36	21.32
5	256QAM	1	0	18.89	19.01	18.90
5	256QAM	1	12	18.85	18.87	18.63
5	256QAM	1	24	18.73	18.92	18.85
5	256QAM	12	0	18.85	18.94	18.62
5	256QAM	12	7	18.43	18.62	18.49
5	256QAM	12	13	18.52	18.66	18.55
5	256QAM	25	0	18.72	18.72	18.58

**Effective Radiated Power and Effective Isotropic Radiated Power**

LTE Band 14				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		23330		/	
Frequency (MHz)				/		793		/	
				/	/	dBm	W	/	/
10	QPSK	1	0	/	/	20.25	0.106	/	/
10	QPSK	1	25	/	/	20.24	0.106	/	/
10	QPSK	1	49	/	/	20.18	0.104	/	/
10	QPSK	25	0	/	/	19.34	0.086	/	/
10	QPSK	25	12	/	/	19.32	0.086	/	/
10	QPSK	25	25	/	/	19.30	0.085	/	/
10	QPSK	50	0	/	/	19.31	0.085	/	/
10	16QAM	1	0	/	/	19.29	0.085	/	/
10	16QAM	1	25	/	/	19.33	0.086	/	/
10	16QAM	1	49	/	/	19.29	0.085	/	/
10	16QAM	25	0	/	/	18.36	0.069	/	/
10	16QAM	25	12	/	/	18.34	0.068	/	/
10	16QAM	25	25	/	/	18.27	0.067	/	/
10	16QAM	50	0	/	/	18.31	0.068	/	/
10	64QAM	1	0	/	/	18.54	0.071	/	/
10	64QAM	1	25	/	/	18.34	0.068	/	/
10	64QAM	1	49	/	/	18.39	0.069	/	/
10	64QAM	25	0	/	/	17.30	0.054	/	/
10	64QAM	25	12	/	/	17.36	0.054	/	/
10	64QAM	25	25	/	/	17.28	0.053	/	/
10	64QAM	50	0	/	/	17.52	0.056	/	/
10	256QAM	1	0	/	/	14.94	0.031	/	/
10	256QAM	1	25	/	/	14.80	0.030	/	/
10	256QAM	1	49	/	/	14.89	0.031	/	/
10	256QAM	25	0	/	/	14.87	0.031	/	/
10	256QAM	25	12	/	/	14.73	0.030	/	/
10	256QAM	25	25	/	/	14.69	0.029	/	/
10	256QAM	50	0	/	/	14.72	0.030	/	/



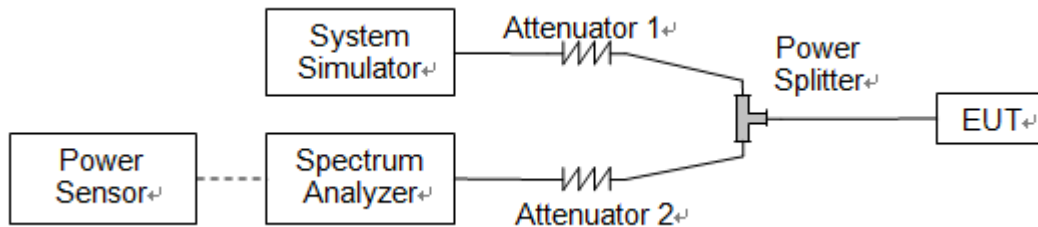
LTE Band 14				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23305		23330		23355	
Frequency (MHz)				790.5		793		795.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.15	0.104	20.16	0.104	20.10	0.102
5	QPSK	1	12	20.13	0.103	20.11	0.103	20.14	0.103
5	QPSK	1	24	20.13	0.103	20.06	0.101	20.09	0.102
5	QPSK	12	0	19.17	0.083	19.22	0.084	19.25	0.084
5	QPSK	12	7	19.20	0.083	19.16	0.082	19.23	0.084
5	QPSK	12	13	19.20	0.083	19.20	0.083	19.22	0.084
5	QPSK	25	0	19.24	0.084	19.23	0.084	19.25	0.084
5	16QAM	1	0	19.25	0.084	19.24	0.084	19.24	0.084
5	16QAM	1	12	19.21	0.083	19.16	0.082	19.30	0.085
5	16QAM	1	24	19.16	0.082	19.21	0.083	19.25	0.084
5	16QAM	12	0	18.21	0.066	18.24	0.067	18.26	0.067
5	16QAM	12	7	18.23	0.067	18.26	0.067	18.24	0.067
5	16QAM	12	13	18.10	0.065	18.07	0.064	18.21	0.066
5	16QAM	25	0	18.24	0.067	18.16	0.065	18.17	0.066
5	64QAM	1	0	18.45	0.070	18.35	0.068	18.42	0.070
5	64QAM	1	12	18.28	0.067	18.20	0.066	18.25	0.067
5	64QAM	1	24	18.29	0.067	18.31	0.068	18.28	0.067
5	64QAM	12	0	17.18	0.052	17.20	0.052	17.19	0.052
5	64QAM	12	7	17.27	0.053	17.23	0.053	17.28	0.053
5	64QAM	12	13	17.09	0.051	17.10	0.051	17.17	0.052
5	64QAM	25	0	17.24	0.053	17.21	0.053	17.17	0.052
5	256QAM	1	0	14.74	0.030	14.86	0.031	14.75	0.030
5	256QAM	1	12	14.70	0.030	14.72	0.030	14.48	0.028
5	256QAM	1	24	14.58	0.029	14.77	0.030	14.70	0.030
5	256QAM	12	0	14.70	0.030	14.79	0.030	14.47	0.028
5	256QAM	12	7	14.28	0.027	14.47	0.028	14.34	0.027
5	256QAM	12	13	14.37	0.027	14.51	0.028	14.40	0.028
5	256QAM	25	0	14.57	0.029	14.57	0.029	14.43	0.028

2.2. Occupied Bandwidth

2.2.1. Requirement

According to FCC section 2.1049, the occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission. Occupied bandwidth is also known as the 99% emission bandwidth.

2.2.2. Test Description



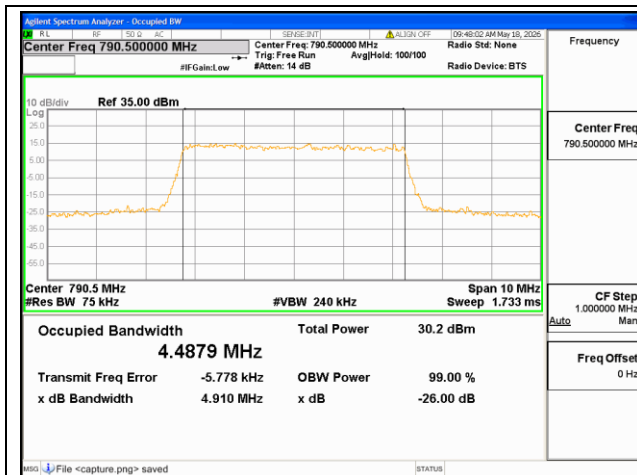
The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.2.3. Test procedure

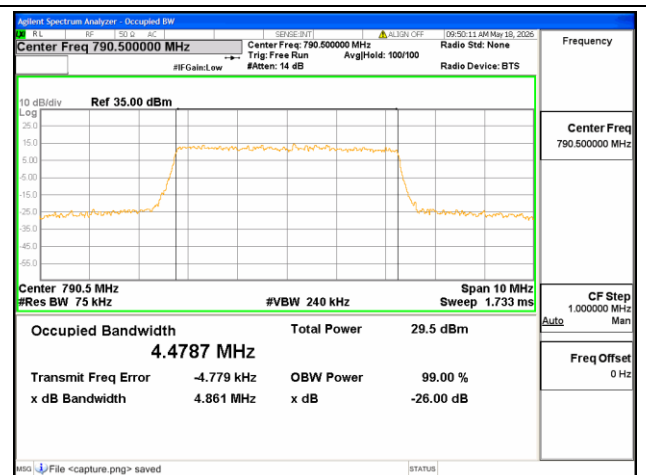
KDB 971168 D01v03 Section 4.1 and ANSI/TIA-603-E-2016.

**2.2.4. Test Result**

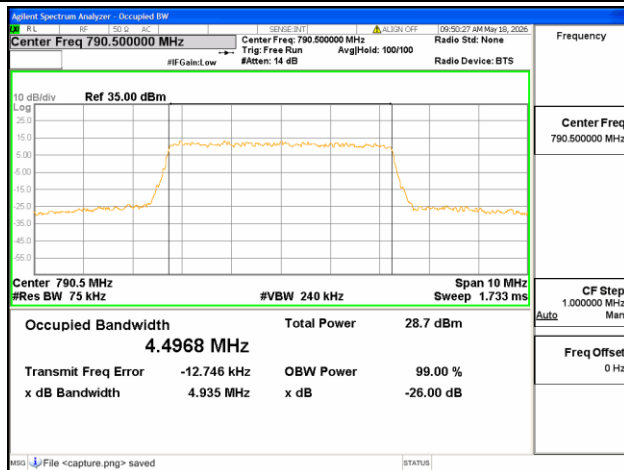
LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B14	5	Low	23305	790.5	QPSK	4.4879	4.9098	PASS
B14	5	Low	23305	790.5	16QAM	4.4787	4.8608	PASS
B14	5	Low	23305	790.5	64QAM	4.4968	4.9353	PASS
B14	5	Low	23305	790.5	256QAM	4.4852	4.8773	PASS
B14	5	Mid	23330	793	QPSK	4.4904	4.9398	PASS
B14	5	Mid	23330	793	16QAM	4.4806	4.9020	PASS
B14	5	Mid	23330	793	64QAM	4.4884	4.9416	PASS
B14	5	Mid	23330	793	256QAM	4.4909	4.8792	PASS
B14	5	High	23355	795.5	QPSK	4.4823	4.9044	PASS
B14	5	High	23355	795.5	16QAM	4.4825	4.8881	PASS
B14	5	High	23355	795.5	64QAM	4.4993	4.9116	PASS
B14	5	High	23355	795.5	256QAM	4.4936	4.8639	PASS
B14	10	Mid	23330	793	QPSK	8.9858	9.6527	PASS
B14	10	Mid	23330	793	16QAM	8.9589	9.7258	PASS
B14	10	Mid	23330	793	64QAM	8.9746	9.8042	PASS
B14	10	Mid	23330	793	256QAM	8.9714	9.7151	PASS



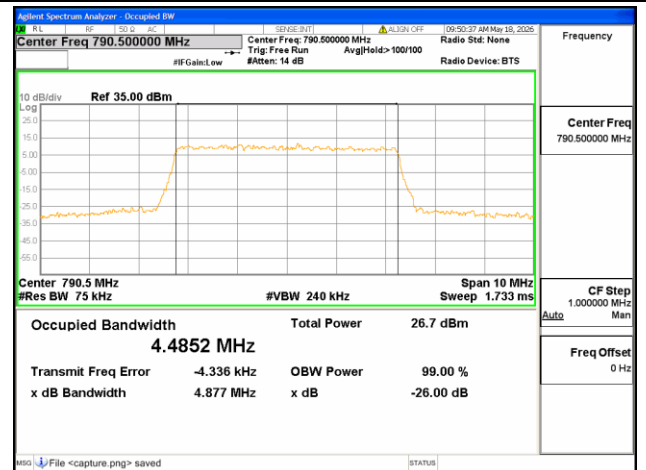
B14 / 5MHz / QPSK/ Low CH



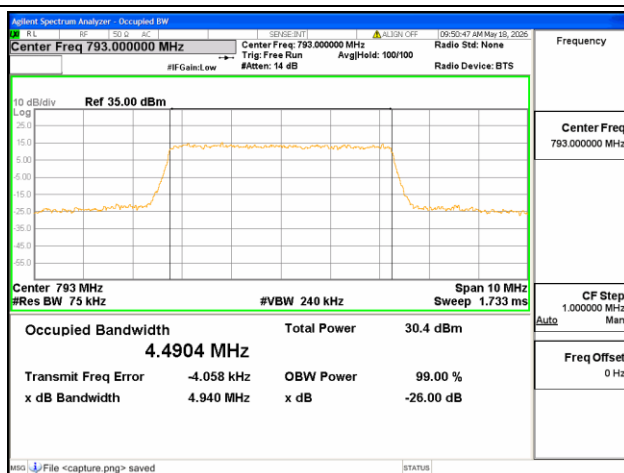
B14 / 5MHz / 16QAM/ Low CH



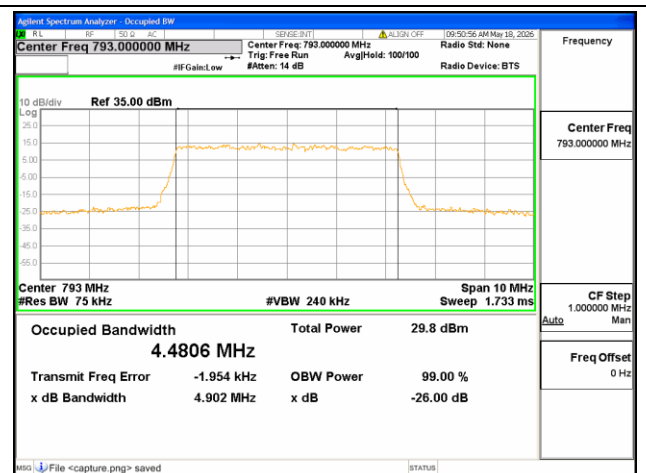
B14 / 5MHz / 64QAM/ Low CH



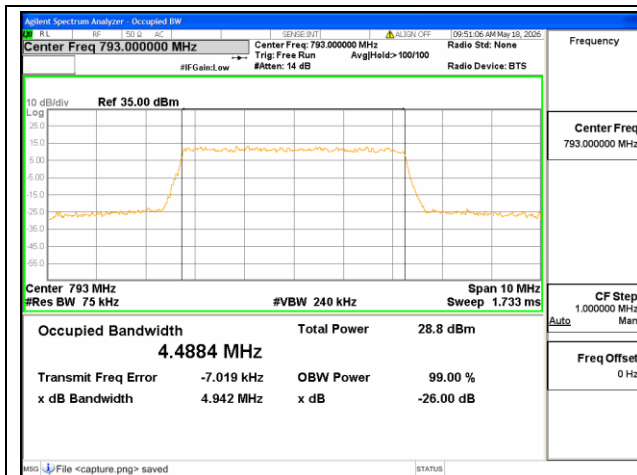
B14 / 5MHz / 256QAM/ Low CH



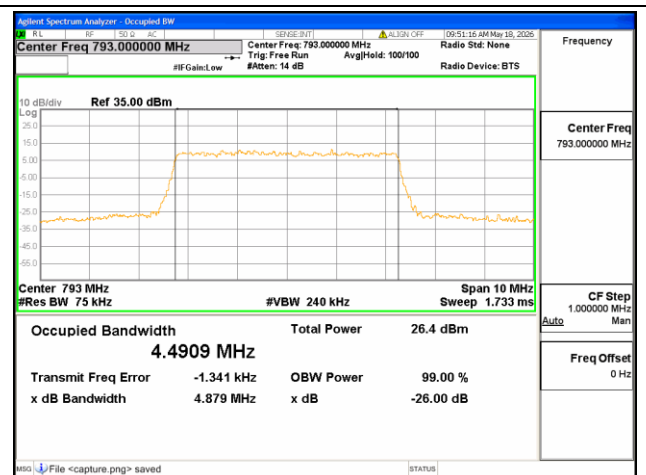
B14 / 5MHz / QPSK/ Mid CH



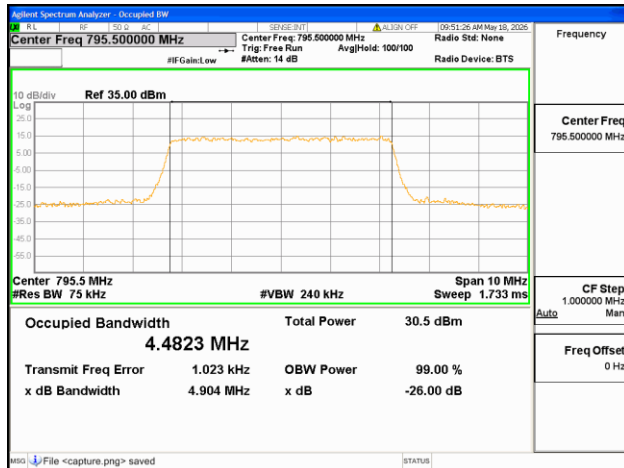
B14 / 5MHz / 16QAM/ Mid CH



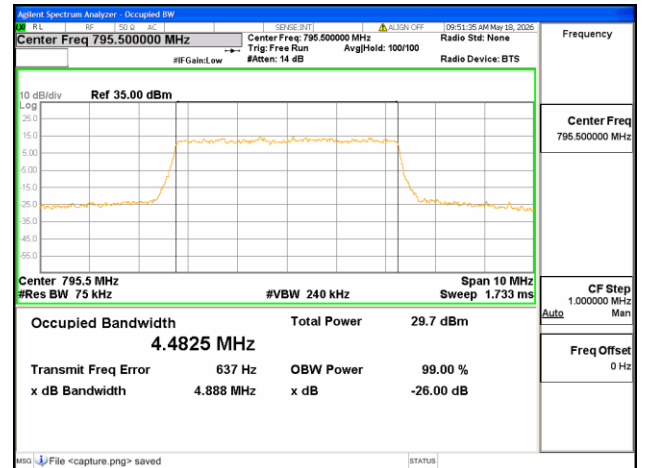
B14 / 5MHz / 64QAM/ Mid CH



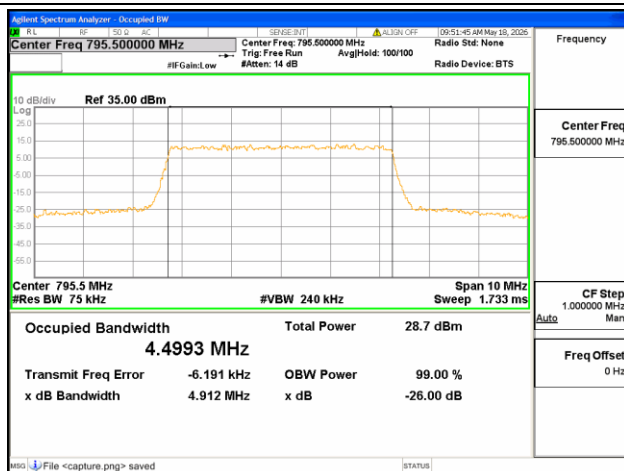
B14 / 5MHz / 256QAM/ Mid CH



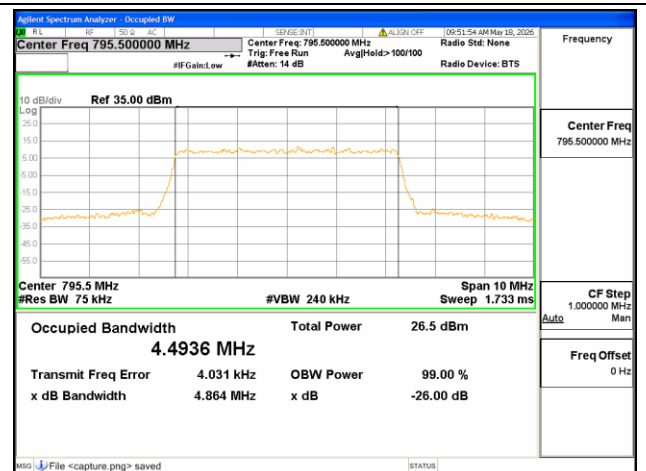
B14 / 5MHz / QPSK/ High CH



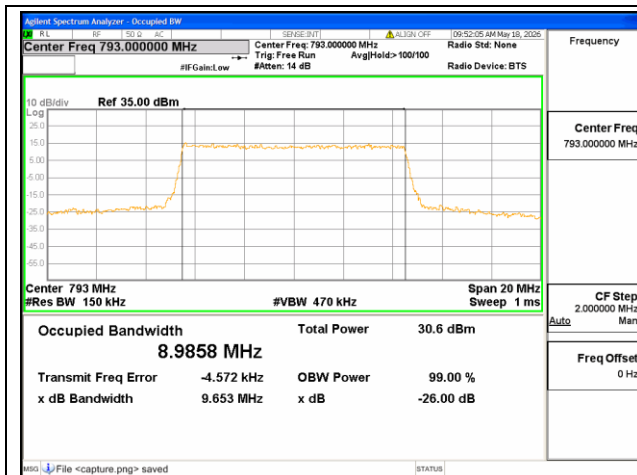
B14 / 5MHz / 16QAM/ High CH



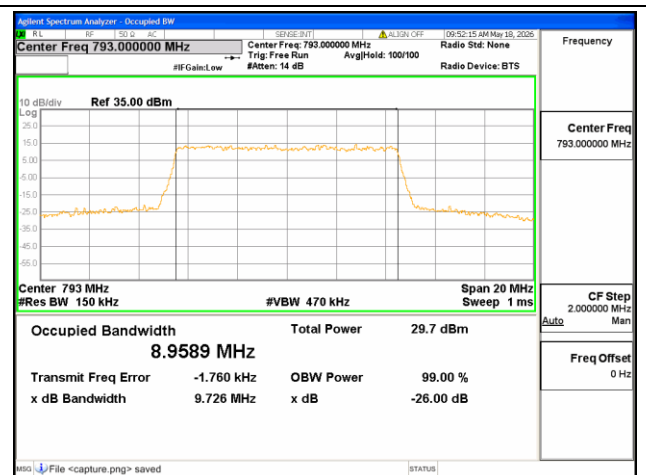
B14 / 5MHz / 64QAM/ High CH



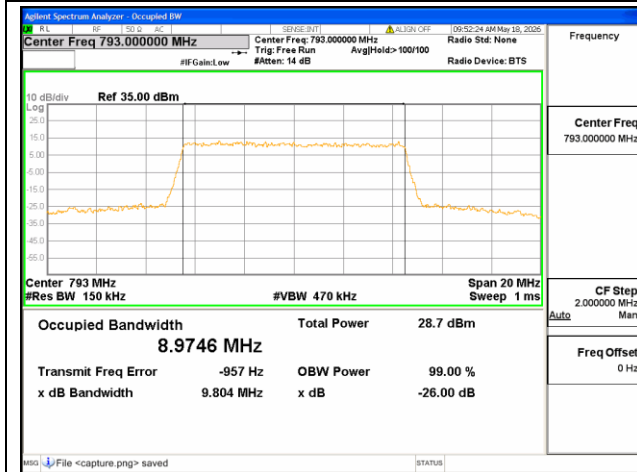
B14 / 5MHz / 256QAM/ High CH



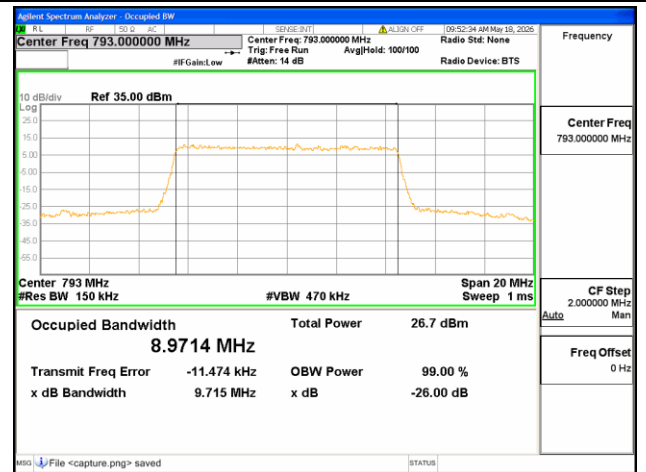
B14 / 10MHz / QPSK / Mid CH



B14 / 10MHz / 16QAM / Mid CH



B14 / 10MHz / 64QAM / Mid CH



B14 / 10MHz / 256QAM / Mid CH

2.3. Frequency Stability

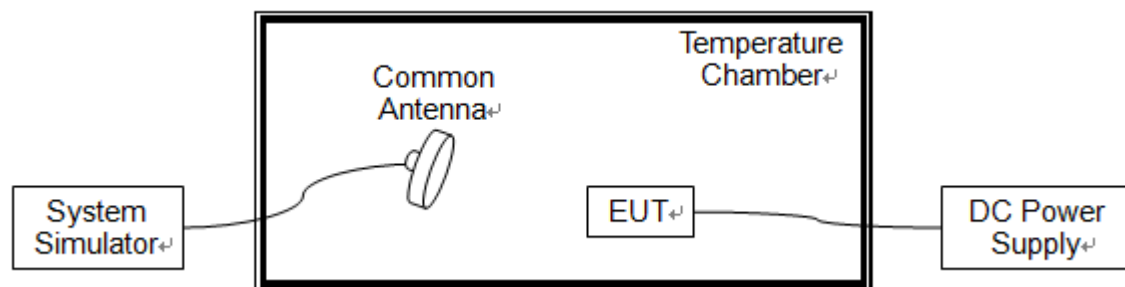
2.3.1. Requirement

According to FCC section 2.1055 & 90.213, the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. According to FCC section 2.1055, the test conditions are:

- (a) The temperature is varied from -30°C to $+50^{\circ}\text{C}$ at intervals of not more than 10°C .
- (b) For hand carried battery powered equipment, the primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacture. The supply voltage shall be measured at the input to the cable normally provided with the equipment, or at the power supply terminals if cables are not normally provided.

Note: The operating temperature of EUT is from -10°C to 45°C , which are specified by the applicant.

2.3.2. Test Description



The EUT which is powered by the DC Power Supply directly, is located in the Temperature Chamber. The EUT is commanded by the System Simulator (SS) to operate at the maximum output power. A call is established between the EUT and the SS via a Common Antenna.

2.3.3. Test procedure

KDB 971168 D01v03 Section 9.0 and ANSI/TIA-603-E-2016.



2.3.4. Test Result

The nominal, highest and lowest extreme voltages are separately 3.86V, 4.45V and 3.60V, which are specified by the applicant; the normal temperature here used is 20°C.

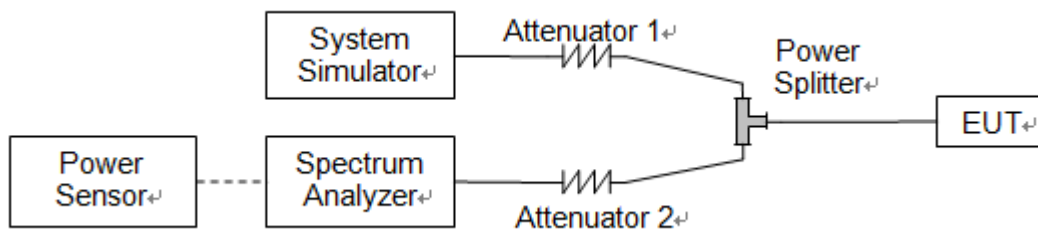
LTE Band 14, 256QAM, Channel 23330, Frequency 793.0MHz Limit=±2.5ppm					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
Normal	3.86	+20(Ref)	-16	-0.020	PASS
Normal		-10	8	0.010	
Normal		0	20	0.025	
Normal		+10	-12	-0.015	
Normal		+20	17	0.021	
Normal		+30	19	0.024	
Normal		+40	-15	-0.019	
Normal		+45	-10	-0.013	
High	4.45	+20	20	0.025	
BATT.ENDPOINT	3.60	+20	15	0.019	

2.4. Conducted Spurious Emissions

2.4.1. Requirement

According to FCC section 2.1051, 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. This calculated to be -13dBm.

2.4.2. Test Description



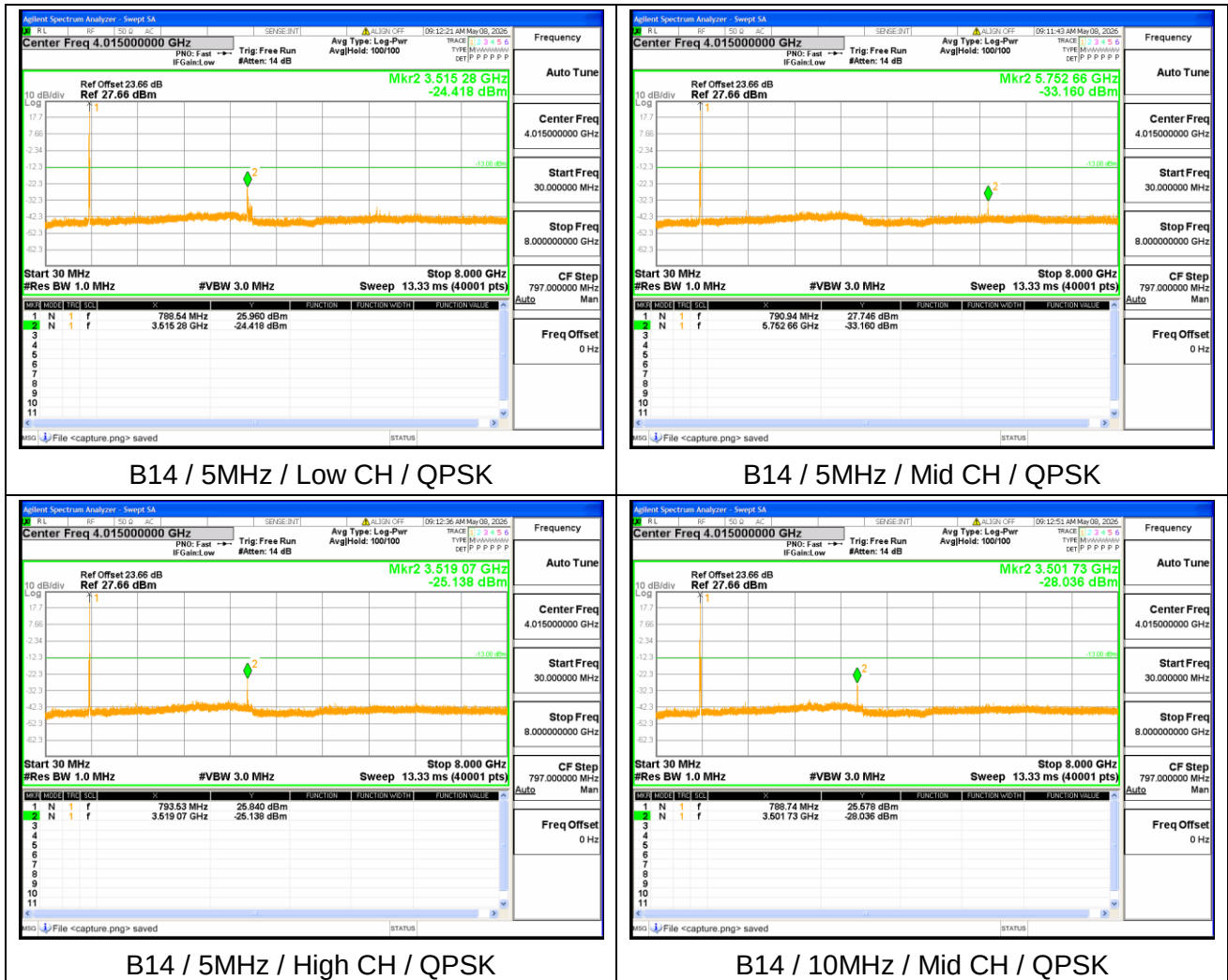
The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.4.3. Test procedure

KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.



2.4.4. Test Result



2.5. Band Edge

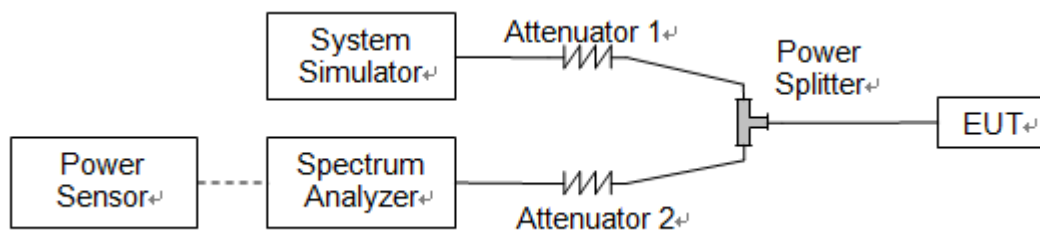
2.5.1. Requirement

Band 14

According to FCC section 90.543(e), for operations in the 758-768 MHz and the 788-798 MHz bands, 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 all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations.
- (2) On any frequency between 775-788 MHz, above 805 MHz, and below 758 MHz, by at least $43 + 10 \log (P)$ dB.
- (3) Compliance with the provisions of paragraphs (e)(1) and (2) 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.
- (4) Compliance with the provisions of paragraph (e)(3) 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 30 kHz may be employed.

2.5.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

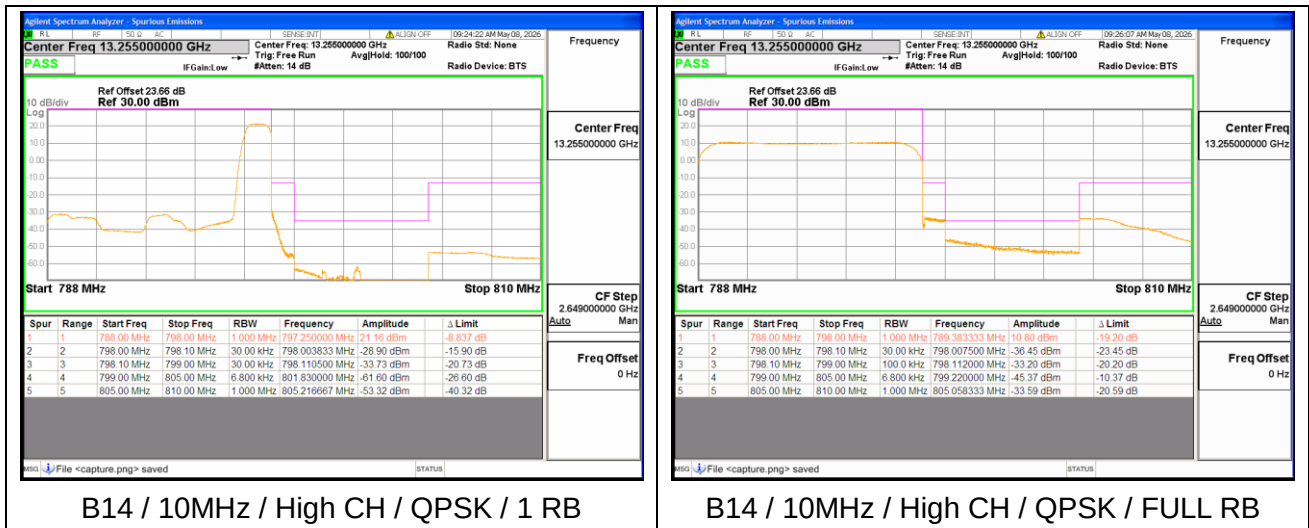
2.5.3. Test procedure

KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.



2.5.4. Test Result



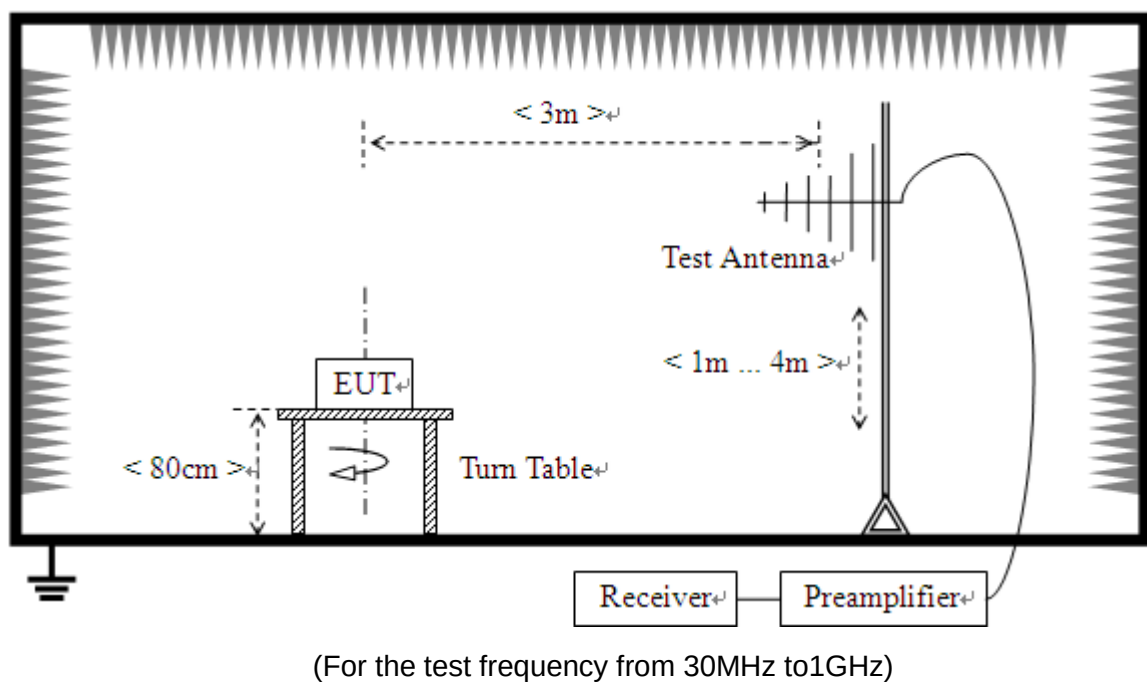


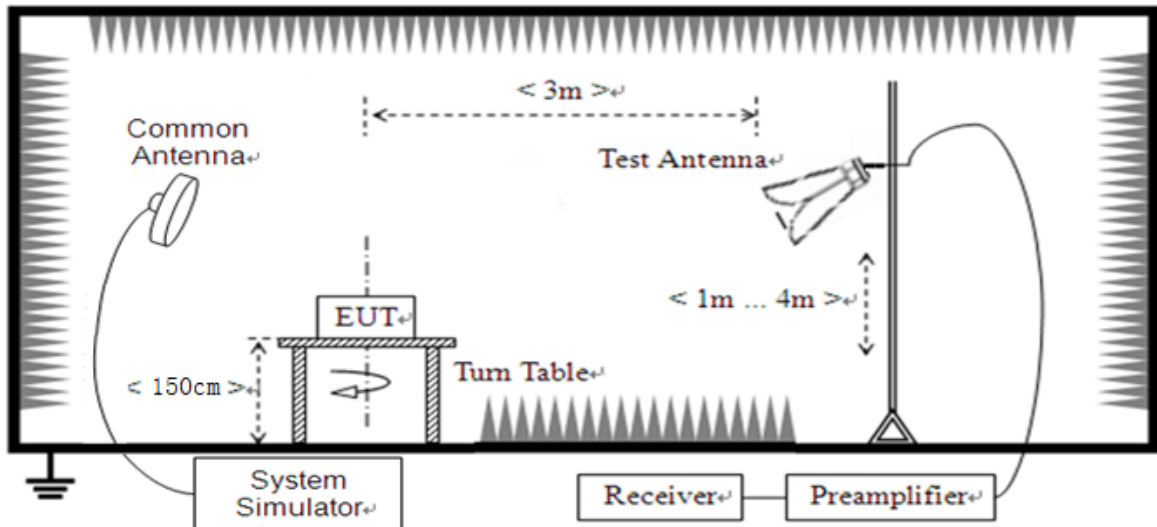
2.6. Radiated Spurious Emissions

2.6.1. Requirement

According to FCC section 2.1051, 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. This calculated to be -13dBm.

2.6.2. Test Description





(For the test frequency above 1GHz)

The EUT is located in a 3m Full-Anechoic Chamber, the cable loss, air loss and so on of the site as factors are pre-calibrated using the "Substitution" method, and calculated to correct the reading. A call is established between the EUT and the SS via a Common Antenna. The EUT is commanded by the SS to operate at the maximum and minimum output power, and only the test result of the maximum output power was recorded.

In the frequency range above 30MHz, Bi-Log Test Antenna (30MHz to 1GHz) and Horn Test Antenna (above 1GHz) are used. Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground and the Turn Table is actuated to turn from 0° to 360° to determine the maximum value of the radiated power. The emission levels at both horizontal and vertical polarizations should be tested. The Filters consists of Notch Filters and High Pass Filter.

Note: when doing measurements above 1GHz, the EUT has been within the 3dB cone width of the horn antenna during horizontal antenna.

2.6.3. Test procedure

KDB 971168 D01v03 Section 5.8 and ANSI/TIA-603-E-2016.

For measurements below 1GHz the resolution bandwidth is set to 100kHz for peak detection measurements.

For measurements above 1GHz the resolution bandwidth is set to 1MHz, the video band width is set to 3MHz for peak measurements.



2.6.4. Test Result

The measurement frequency range is from 30MHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. The lowest, middle and highest channels are tested to verify the out of band emissions.

The substitution corrections are obtained as described below:

$$A_{\text{SUBST}} = P_{\text{SUBST_TX}} - P_{\text{SUBST_RX}} - L_{\text{SUBST_CABLES}} + G_{\text{SUBST_TX_ANT}}$$

$$A_{\text{TOT}} = L_{\text{CABLES}} + A_{\text{SUBST}}$$

Where A_{SUBST} is the final substitution correction including receive antenna gain.

$P_{\text{SUBST_TX}}$ is signal generator level,

$P_{\text{SUBST_RX}}$ is receiver level,

$L_{\text{SUBST_CABLES}}$ is cable losses including TX cable,

$G_{\text{SUBST_TX_ANT}}$ is substitution antenna gain.

A_{TOT} is total correction factor including cable loss and substitution correction

During the test, the data of A_{TOT} was added in the test spectrum analyze, so spectrum analyze reading is the final values which contain the data of A_{TOT} .

Note1: The power of the EUT transmitting frequency should be ignored.

Note2: All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

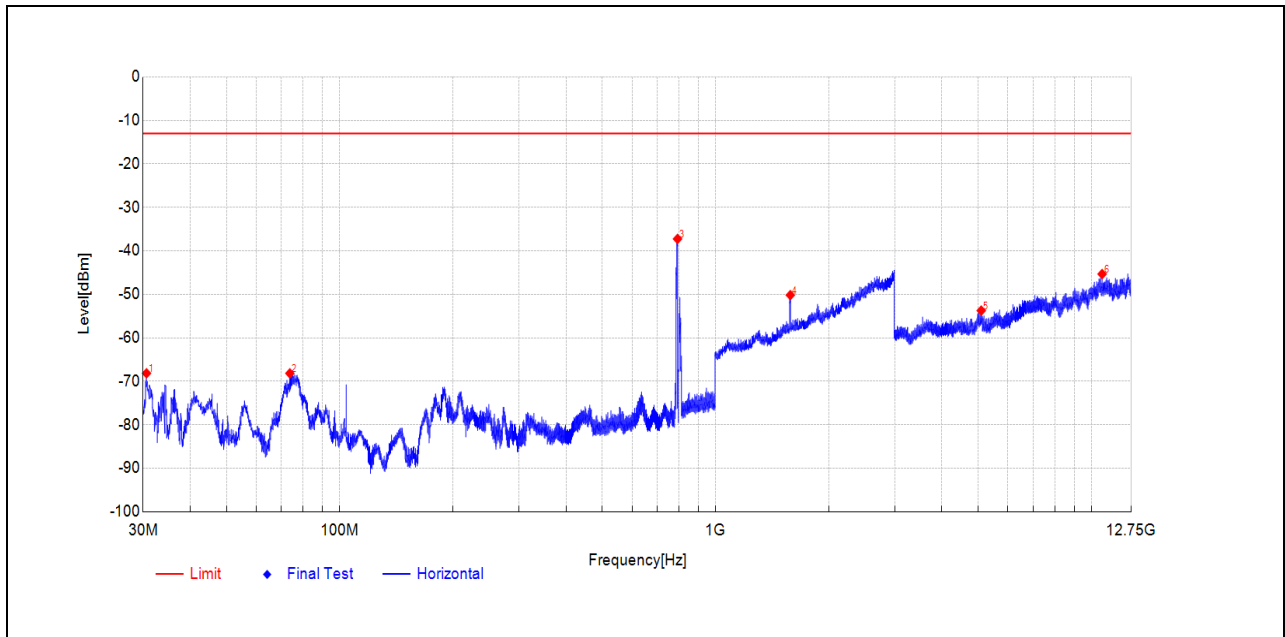
Note3: All bandwidth and modulation were considered and evaluated respectively by performing full test for each band, only the worst cases (Max Bandwidth and QPSK mode) were recorded in this test report.

Note4: N/A means the frequency is the basic frequency or the base station frequency, they are no need to verdict.

Note5: The amplitude of emissions (18GHz to 10th harmonics) which are attenuated more than 20 dB below the limit are not be reported.

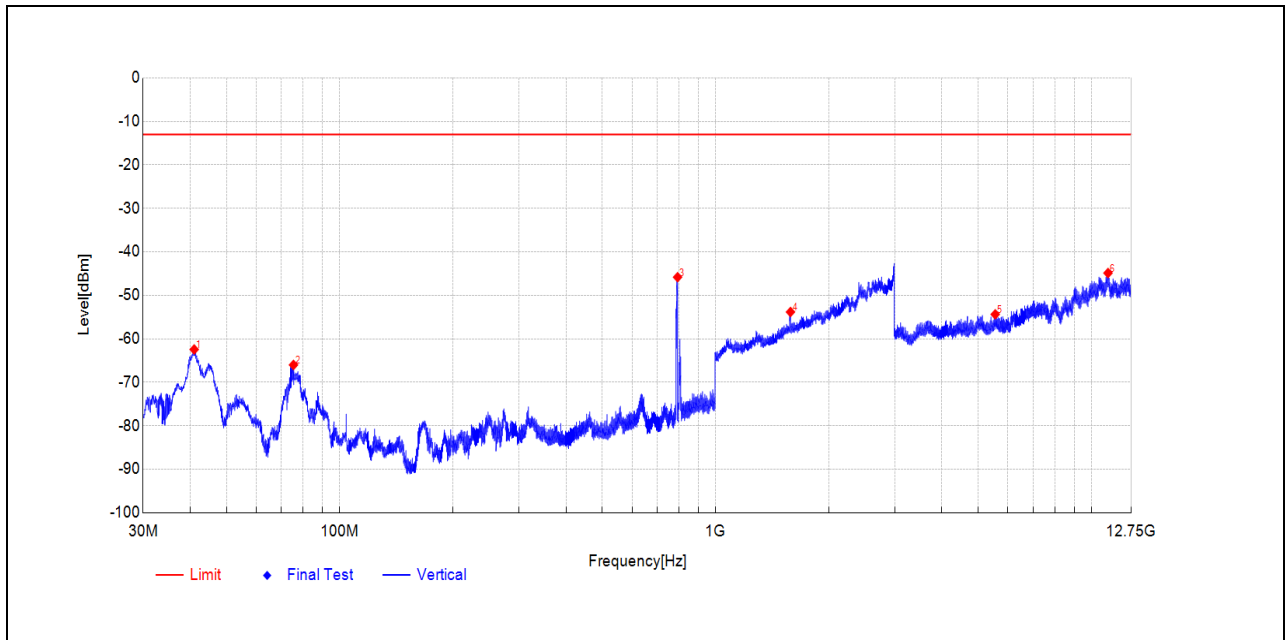
**LTE Band 14**

Plot for Low Channel

**Data List**

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	30.6305	-53.13	-68.16	-15.0	-13.0	55.2	Horizontal	PK	48	PASS
2	73.7007	-46.45	-68.17	-21.7	-13.0	55.2	Horizontal	PK	297	PASS
3	792.3126	-30.10	-37.25	-7.2	-	-	Horizontal	PK	129	NA
4	1581.3163	-52.70	-50.17	2.5	-13.0	37.2	Horizontal	PK	293	PASS
5	5093.4297	-59.81	-53.74	6.1	-13.0	40.7	Horizontal	PK	68	PASS
6	10682.8966	-64.37	-45.33	19.0	-13.0	32.3	Horizontal	PK	48	PASS

H_LTE_B14_LOW_5M_30M-12.75G



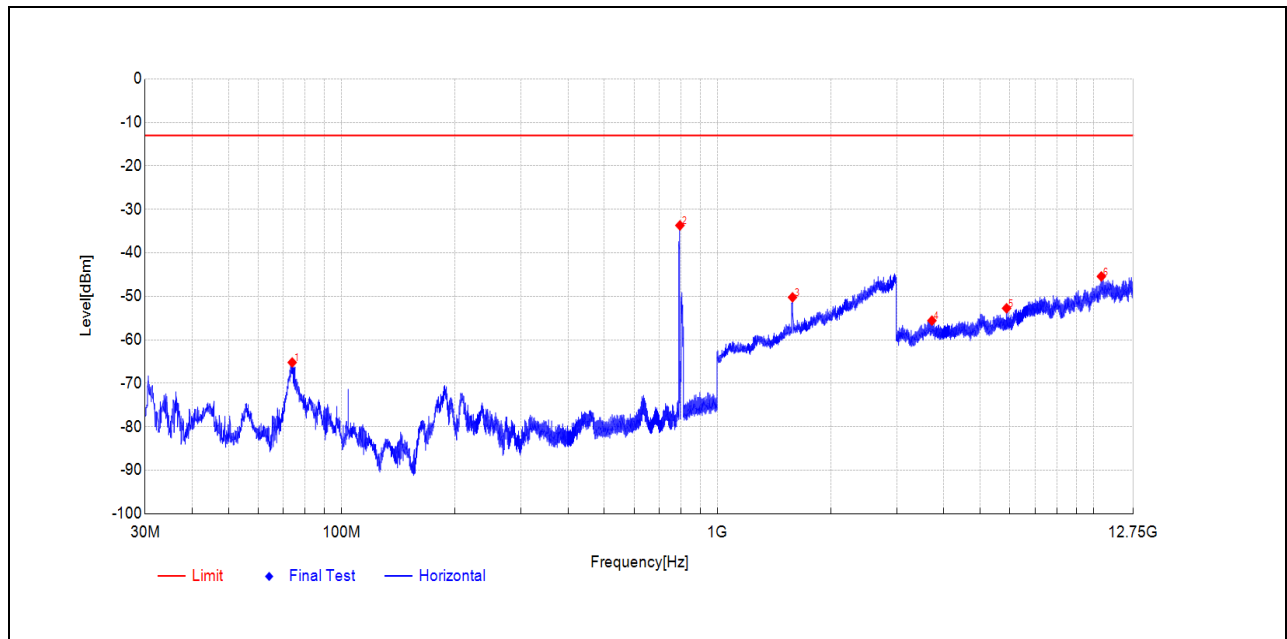
Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	41.0101	-41.09	-62.45	-21.4	-13.0	49.5	Vertical	PK	27	PASS
2	75.3498	-43.97	-66.00	-22.0	-13.0	53.0	Vertical	PK	360	PASS
3	792.5551	-39.01	-45.82	-6.8	-	-	Vertical	PK	27	NA
4	1582.9166	-56.19	-53.82	2.4	-13.0	40.8	Vertical	PK	148	PASS
5	5549.265	-60.69	-54.36	6.3	-13.0	41.4	Vertical	PK	300	PASS
6	11075.3538	-67.18	-44.87	22.3	-13.0	31.9	Vertical	PK	152	PASS

V_LTE_B14_LOW_5M_30M-12.75G



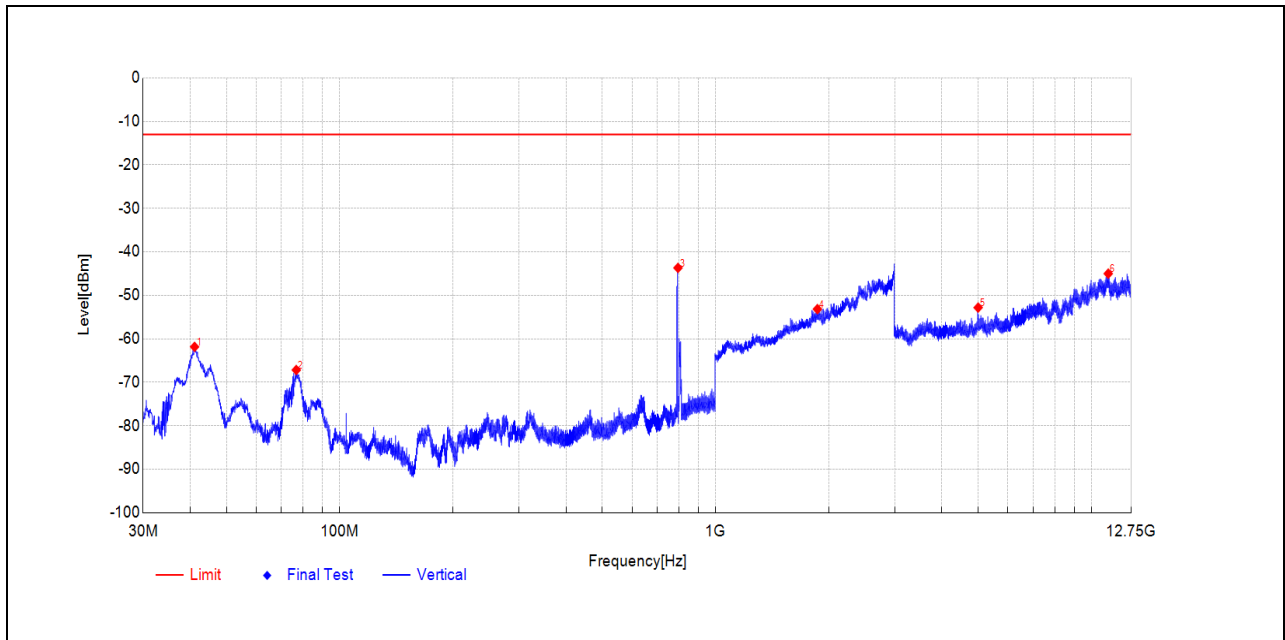
Plot for Mid Channel



Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	73.8462	-43.43	-65.20	-21.8	-13.0	52.2	Horizontal	PK	345	PASS
2	794.3012	-26.56	-33.68	-7.1	-	-	Horizontal	PK	134	NA
3	1583.3167	-52.75	-50.22	2.5	-13.0	37.2	Horizontal	PK	107	PASS
4	3719.586	-57.17	-55.58	1.6	-13.0	42.6	Horizontal	PK	218	PASS
5	5876.3938	-60.44	-52.74	7.7	-13.0	39.7	Horizontal	PK	48	PASS
6	10501.5376	-65.31	-45.42	19.9	-13.0	32.4	Horizontal	PK	281	PASS

H_LTE_B14_MID_5M_30M-12.75G

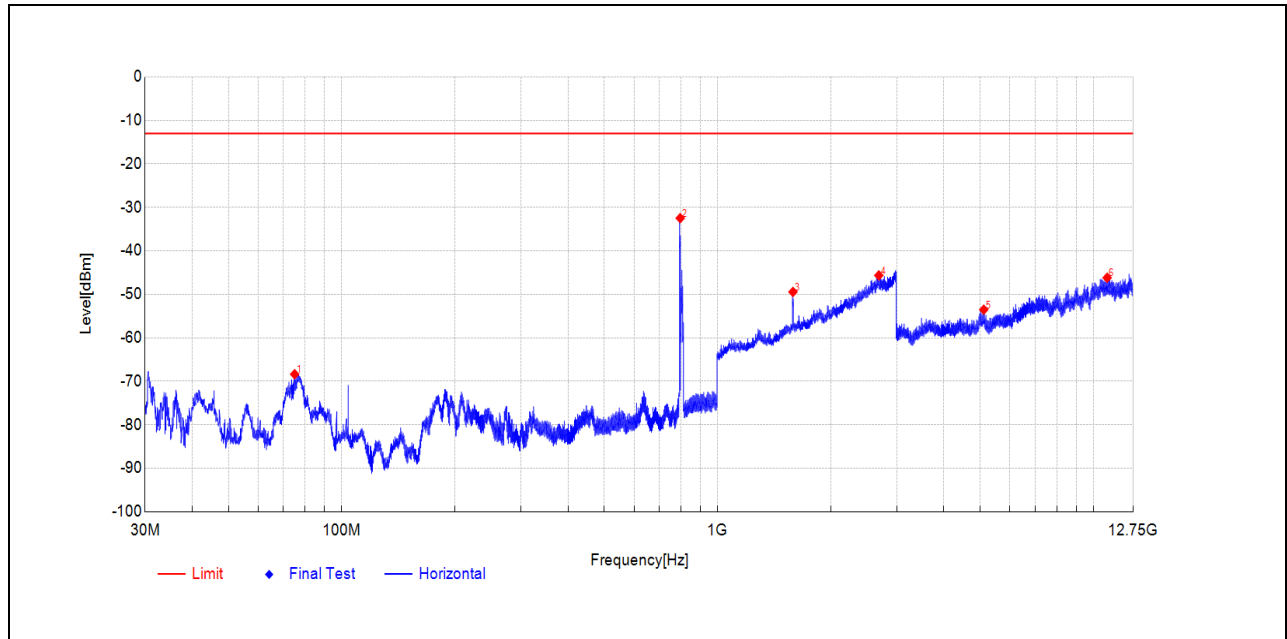


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	41.1071	-40.52	-61.84	-21.3	-13.0	48.8	Vertical	PK	26	PASS
2	76.6593	-44.82	-67.16	-22.3	-13.0	54.2	Vertical	PK	360	PASS
3	794.5437	-36.92	-43.68	-6.8	-	-	Vertical	PK	48	NA
4	1866.9734	-58.41	-53.17	5.2	-13.0	40.2	Vertical	PK	45	PASS
5	4997.3874	-58.30	-52.81	5.5	-13.0	39.8	Vertical	PK	279	PASS
6	11089.492	-67.37	-45.00	22.4	-13.0	32.0	Vertical	PK	175	PASS

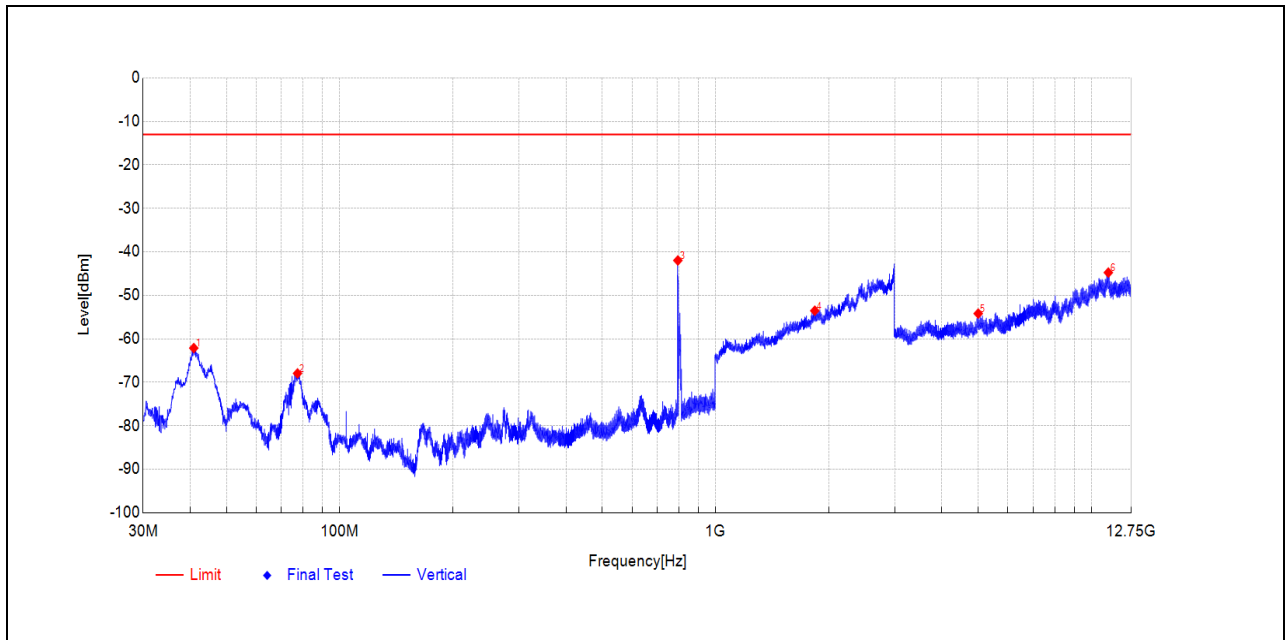
V_LTE_B14_MID_5M_30M-12.75G

Plot for High Channel



Data List										
No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	74.9617	-46.21	-68.37	-22.2	-13.0	55.4	Horizontal	PK	297	PASS
2	795.7563	-25.37	-32.47	-7.1	-	-	Horizontal	PK	151	NA
3	1587.7175	-51.96	-49.44	2.5	-13.0	36.4	Horizontal	PK	107	PASS
4	2686.7373	-58.53	-45.64	12.9	-13.0	32.6	Horizontal	PK	272	PASS
5	5109.518	-59.49	-53.52	6.0	-13.0	40.5	Horizontal	PK	27	PASS
6	10880.8315	-67.01	-46.19	20.8	-13.0	33.2	Horizontal	PK	256	PASS

H_LTE_B14_HIGH_5M_30M-12.75G



Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	40.913	-40.74	-62.13	-21.4	-13.0	49.1	Vertical	PK	48	PASS
2	77.2414	-45.48	-67.95	-22.5	-13.0	55.0	Vertical	PK	360	PASS
3	793.9132	-35.19	-41.97	-6.8	-	-	Vertical	PK	48	NA
4	1836.9674	-58.90	-53.53	5.4	-13.0	40.5	Vertical	PK	4	PASS
5	4999.825	-59.71	-54.18	5.5	-13.0	41.2	Vertical	PK	259	PASS
6	11096.3173	-67.15	-44.76	22.4	-13.0	31.8	Vertical	PK	259	PASS

V_LTE_B14_HIGH_5M_30M-12.75G

Annex A Test Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for test performed on the EUT as specified in CISPR 16-1-2:

Test items	Uncertainty
Output Power	± 2.22 dB
Bandwidth	$\pm 5\%$
Conducted Spurious Emission	± 2.77 dB
Band Edge	± 2.77 dB
Equivalent Isotropic Radiated Power	± 2.22 dB
Radiated Spurious Emissions	± 6 dB

This uncertainty represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.



Annex B Testing Laboratory Information

1. Identification of the Responsible Testing Laboratory

Laboratory Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Laboratory Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
Telephone:	+86 755 36698555
Facsimile:	+86 755 36698525

2. Identification of the Responsible Testing Location

Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China

3. Facilities and Accreditations

All measurement facilities used to collect the measurement data are located at FL.3, Building A, FeiYang Science Park, Block 67, BaoAn District, Shenzhen, 518101 P. R. China. The test site is constructed in conformance with the requirements of ANSI C63.10-2020 and CISPR Publication 22; the FCC designation number is CN1192, the test firm registration number is 226174.



REPORT No.: SZ26040328Y03

4. Test Equipment Utilized

4.1 Conducted Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Signal Analyzer	MY51511149	N9020A	Agilent	2026.04.28	2027.04.27
Communication Test Station	6200995016	MT8820C	Anritsu	2025.09.02	2026.09.01
Temperature Chamber	S022177101 00089002	KMT-36LF 1A0	KOMEG	2025.09.02	2026.09.01

4.2 List of Software Used

Description	Manufacturer	Software Version
MOR-2023E Test System	MORLAB	V7.99
JS36-RSE	Tonscend	5.0.0

**4.3 Radiated Test Equipment**

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Bi-Log Antenna	VULB 9163	9163-274	SCHWARZBECK	2025/6/28	2026/6/27
Horn Antenna	BBHA 9120D	9120D-963	SCHWARZBECK	2026/5/9	2027/5/8
Receiver	N9038A	MY56400093	KEYSIGHT	2025/12/26	2026/12/25
Signal Analyzer	N9020A	MY56060145	Agilent	2026/4/28	2027/4/27
6db Attenuator	BW-N6W5+	E191001	Mini-circuits	2025/9/3	2026/9/2
Preamplifier (2GHz-18GHz)	S020180L3203	61171/61172	LUCIX CORP.	2026/5/7	2027/5/6
Preamplifier (10MHz-6GHz)	S10M100L3802	46732	LUCIX CORP.	2026/5/7	2027/5/6
Preamplifier (18GHz-40GHz)	DCLNA0118-40 C-S	DS77209	Decentest	2026/5/7	2027/5/6
System Simulator	CMW500	152038	R&S	2025/9/3	2026/9/2
System Simulator	8960-E5515C	MY48364176	Agilent	2025/12/23	2026/12/22
System Simulator	MT8000A	6262148249	anritsu	2026/4/28	2027/4/27
System Simulator	MT8821C	6261830572	anritsu	2025/12/24	2026/12/23
RF Coaxial Cable	NA	24111402-00 1+24111402- 001	TIMES Microwave	2025/9/3	2026/9/2
RF Coaxial Cable	NA	24111402-00 1	TIMES Microwave	2025/9/3	2026/9/2
RF Coaxial Cable	NA	24111402-00 2+24111402- 002	TIMES Microwave	2025/9/3	2026/9/2
RF Coaxial Cable	NA	24111402-00 1+24111402- 002	TIMES Microwave	2025/9/3	2026/9/2
RF Coaxial Cable	NA	24111402-00 2+24111402- 001	TIMES Microwave	2025/9/3	2026/9/2
RF Coaxial Cable	NA	24111402-00 1+24111402- 001	TIMES Microwave	2025/9/3	2026/9/2



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RF Coaxial Cable	NA	723692-0001	TIMES Microwave	2025/9/3	2026/9/2
RF Coaxial Cable	NA	692839-0007 +24111402-0 01	TIMES Microwave	2025/9/3	2026/9/2
RF Coaxial Cable (DC-40GHz)	RCA360-40MM -1000	158230831+ 1528032	Qualwave	2025/9/3	2026/9/2
RF Coaxial Cable (DC-40GHz)	QA360-40-KKF- 2	22290046	Qualwave	2025/9/3	2026/9/2



Notes

1. The report shall have report stamp or our company stamp.
2. The report shall be invalid without all the signatures of the editor and approver.
3. The report shall not be changed.
4. Any objections must be raised to Morlab within 15 days since the date when the report is received. It will not be taken into consideration beyond this limit.
5. Conformity declaration:

☒ Morlab issues a statement of conformity based on the corresponding standards (default)

☐ Morlab issues a statement of conformity based on the applicant requirement

6. Use of uncertainty of measurement for decisions on conformity (decision rule):

No decision rule is specified by the testing standard, when comparing the measurement result with the applicable limit according to the specification in that standard. The decisions on conformity are made without applying the measurement uncertainty ("simple acceptance" decision rule).

_____ END OF REPORT _____