



REPORT No.: SZ25060339W07

TEST REPORT

APPLICANT : Rhino Mobility LLC

PRODUCT NAME : Smartphone

MODEL NAME : C6-ROW

BRAND NAME : RHINO

FCC ID : 2AUOUC6-ROW

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

RECEIPT DATE : 2025-07-02

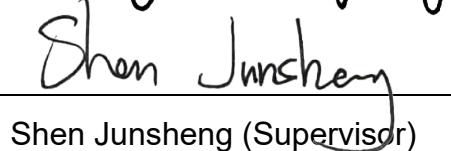
TEST DATE : 2025-07-03 to 2025-07-22

ISSUE DATE : 2025-08-27

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Change History		
Version	Date	Reason for change
1.0	2025-08-27	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Rhino Mobility LLC
Applicant Address:	8 The Green, Suite A, Dover, Delaware, 19901, USA
Manufacturer:	Rhino Mobility LLC
Manufacturer Address:	8 The Green, Suite A, Dover, Delaware, 19901, USA

1.2. Equipment Under Test (EUT) Description

Product Name:	Smartphone	
Sample No.:	1#, 6#	
Hardware Version:	Q6010W_MB_V1.0	
Software Version:	C6W(001)_20250220	
Modulation Type:	QPSK, 16QAM, 64QAM	
Operation Band:	Band 18	
Frequency Range:	LTE Band 18	Tx: 815MHz–824MHz
		Rx: 860MHz–869MHz
Channel Bandwidth	LTE Band 18	5MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	LTE Band 18	-1.31dBi
Accessory Information:	Battery	
	Brand Name:	N/A
	Model No.:	BPC6
	Serial No.:	N/A
	Capacity:	3950mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	Phenix New Energy (Huizhou) Co., Ltd.
	AC Adapter 1	
	Brand Name:	RHINO
	Model No.:	PS18B120K1500EU
	Serial No.:	N/A

	Rated Output:	5.0V $\pm$ 3.0A, 9.0V $\pm$ 2.0A, 12.0V $\pm$ 1.5A,
	Rated Input:	100-240V $\sim$ 50/60Hz, 0.5A
	Manufacturer:	Shenzhen Flypower Technology Co., Ltd.
	AC Adapter 2	
	Brand Name:	RHINO
	Model No.:	TPA-38F120150BU01
	Serial No.:	N/A
	Rated Output:	5.0V $\pm$ 3.0A, 9.0V $\pm$ 2.0A, 12.0V $\pm$ 1.5A,
	Rated Input:	100-240V $\sim$ 50/60Hz, 0.6A
	Manufacturer:	Shenzhen Tianyin Electronics Co., Ltd.
	USB Cable 1	
	Model No.:	USB TYPE A TO C 2.0 Cable 1.0m
	Manufacturer:	HUIZHOU WASHIN ELECTRONICS CO.,LTD.
	USB Cable 2	
	Model No.:	USB TYPE C to C 2.0 Cable (1.0m)
	Manufacturer:	HUIZHOU WASHIN ELECTRONICS CO.,LTD.

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.

Note 2: SIM 1 and SIM 2 is a chipset unit and tested as a single chipset. The SIM 1 is chosen for test.

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

LTE Band 18	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5	0.082	0.080	0.061	4M50G7D	4M49W7D	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 Date	Test Engineer	Result	Remark
2.1046, 90.635(b)	Transmitter Conducted Output Power and ERP/EIRP	Aug. 06, 2025	Zheng Jianhua Liu Huiyan	PASS	/
90.209	Occupied Bandwidth	Jul. 04, 2025	Liu Huiyan	PASS	/
2.1055, 90.213	Frequency Stability	Jul. 04, 2025	Liu Huiyan	PASS	/
2.1051, 90.691	Conducted Spurious Emissions	Jul. 04, 2025	Liu Huiyan	PASS	/
2.1051, 90.691	Band Edge	Jul. 04, 2025	Liu Huiyan	PASS	/
2.1053, 90.691	Radiated Spurious Emissions	Jul. 21, 2025	Li Hanbin	PASS	/

Note 1: The tests were performed according to the method of measurements prescribed in KDB971168 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

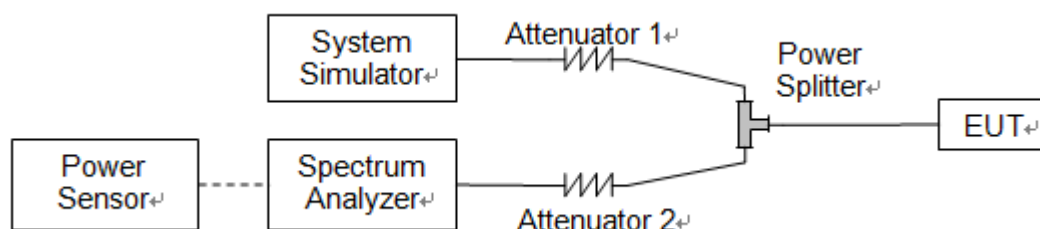
2.47 CFR Part 2, Part 90S Requirements

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).

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.

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

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

**2.1.4. Result****Conducted Output Power**

LTE Band 18						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23875	23895	23915
Frequency (MHz)				817.5	819.5	821.5
5	QPSK	1	0	22.58	22.47	22.47
5	QPSK	1	12	22.55	22.62	22.40
5	QPSK	1	24	22.42	22.62	22.51
5	QPSK	12	0	22.28	22.08	22.15
5	QPSK	12	7	22.17	22.09	22.13
5	QPSK	12	13	22.11	22.10	22.12
5	QPSK	25	0	22.13	22.08	22.06
5	16QAM	1	0	22.18	22.05	22.22
5	16QAM	1	12	22.14	22.13	22.18
5	16QAM	1	24	22.50	22.08	22.00
5	16QAM	12	0	21.13	21.18	21.13
5	16QAM	12	7	21.10	21.08	21.16
5	16QAM	12	13	21.04	21.03	21.09
5	16QAM	25	0	20.92	20.99	21.08
5	64QAM	1	0	20.89	20.57	20.81
5	64QAM	1	12	21.11	20.88	21.31
5	64QAM	1	24	20.95	20.94	20.88
5	64QAM	12	0	20.13	20.07	20.30
5	64QAM	12	7	20.15	20.07	20.11
5	64QAM	12	13	20.13	20.09	20.16
5	64QAM	25	0	19.95	20.16	20.07

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

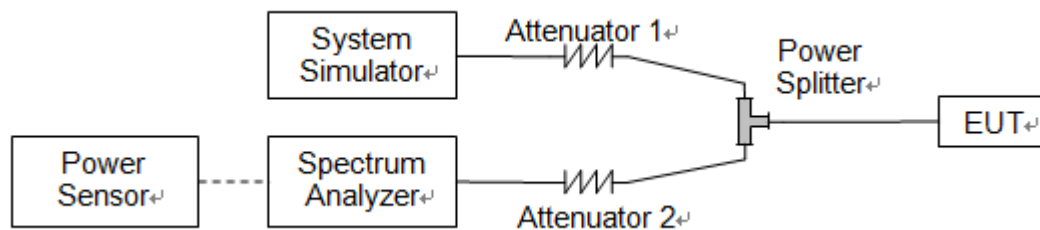
LTE Band 18				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26715		26740		26765	
Frequency (MHz)				816.5		819.0		821.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.12	0.082	19.01	0.080	19.01	0.080
5	QPSK	1	12	19.09	0.081	19.16	0.082	18.94	0.078
5	QPSK	1	24	18.96	0.079	19.16	0.082	19.05	0.080
5	QPSK	12	0	18.82	0.076	18.62	0.073	18.69	0.074
5	QPSK	12	7	18.71	0.074	18.63	0.073	18.67	0.074
5	QPSK	12	13	18.65	0.073	18.64	0.073	18.66	0.073
5	QPSK	25	0	18.67	0.074	18.62	0.073	18.60	0.072
5	16QAM	1	0	18.72	0.074	18.59	0.072	18.76	0.075
5	16QAM	1	12	18.68	0.074	18.67	0.074	18.72	0.074
5	16QAM	1	24	19.04	0.080	18.62	0.073	18.54	0.071
5	16QAM	12	0	17.67	0.058	17.72	0.059	17.67	0.058
5	16QAM	12	7	17.64	0.058	17.62	0.058	17.70	0.059
5	16QAM	12	13	17.58	0.057	17.57	0.057	17.63	0.058
5	16QAM	25	0	17.46	0.056	17.53	0.057	17.62	0.058
5	64QAM	1	0	17.43	0.055	17.11	0.051	17.35	0.054
5	64QAM	1	12	17.65	0.058	17.42	0.055	17.85	0.061
5	64QAM	1	24	17.49	0.056	17.48	0.056	17.42	0.055
5	64QAM	12	0	16.67	0.046	16.61	0.046	16.84	0.048
5	64QAM	12	7	16.69	0.047	16.61	0.046	16.65	0.046
5	64QAM	12	13	16.67	0.046	16.63	0.046	16.70	0.047
5	64QAM	25	0	16.49	0.045	16.70	0.047	16.61	0.046

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



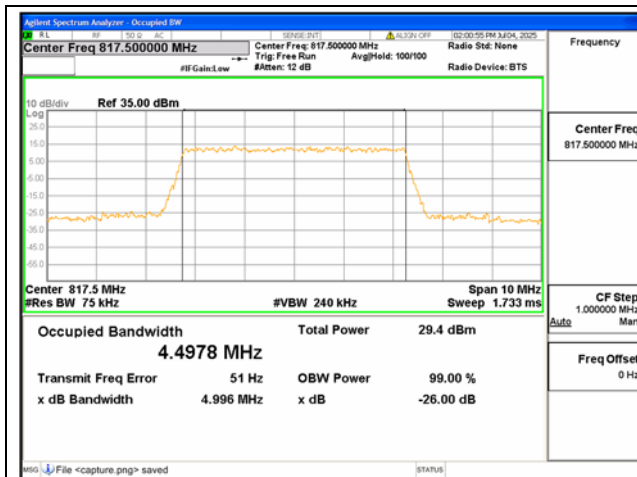
The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum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

2.2.3. Test procedure

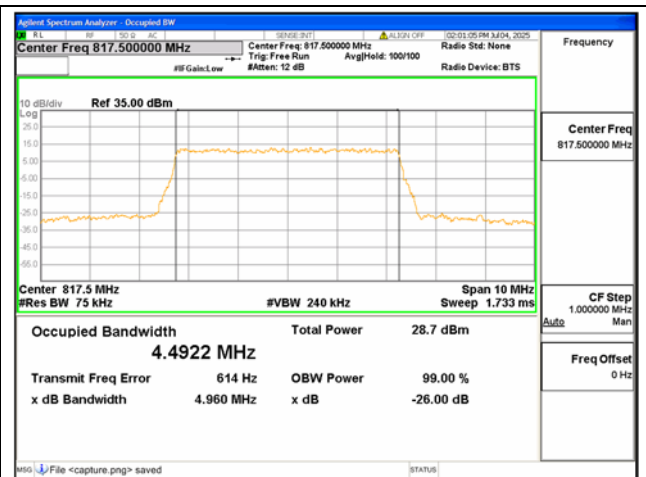
KDB 971168 D01v03 Section 4.1 and ANSI/TIA-603-E-2016.

**2.2.4. Test Result**

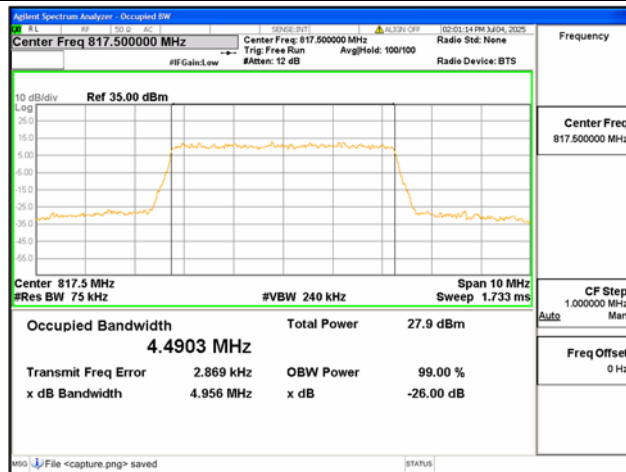
LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B18	5	Low	23875	817.5	QPSK	4.4978	4.9962	PASS
B18	5	Low	23875	817.5	16QAM	4.4922	4.9600	PASS
B18	5	Low	23875	817.5	64QAM	4.4903	4.9563	PASS
B18	5	Mid	23895	819.5	QPSK	4.4842	4.9773	PASS
B18	5	Mid	23895	819.5	16QAM	4.4905	4.9481	PASS
B18	5	Mid	23895	819.5	64QAM	4.4886	4.9642	PASS
B18	5	High	23915	821.5	QPSK	4.4837	4.9716	PASS
B18	5	High	23915	821.5	16QAM	4.4811	4.9787	PASS
B18	5	High	23915	821.5	64QAM	4.4927	4.9197	PASS



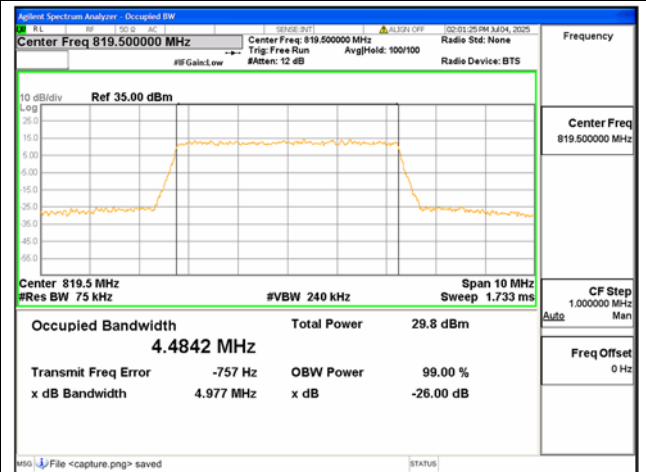
B18 / 5MHz / QPSK/ Low CH



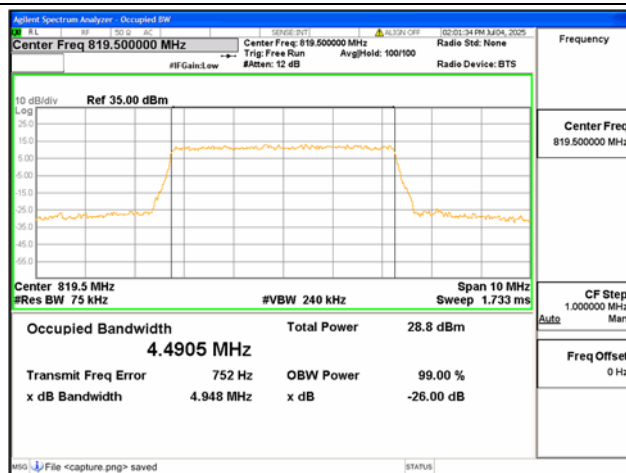
B18 / 5MHz / 16QAM/ Low CH



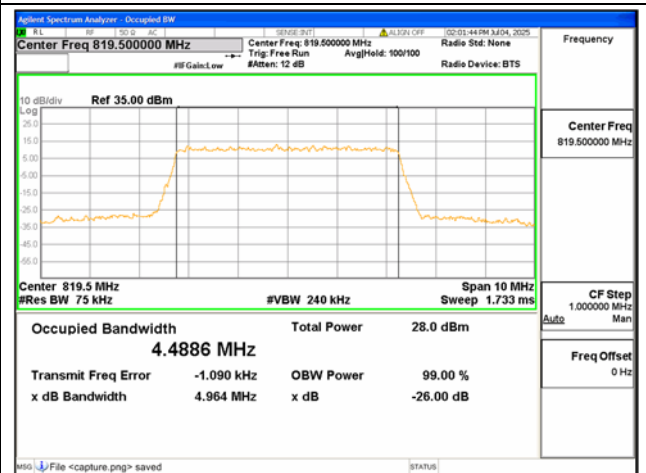
B18 / 5MHz / 64QAM/ Low CH



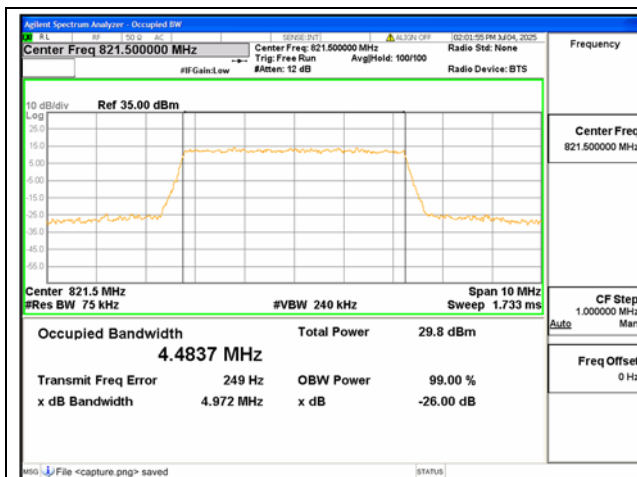
B18 / 5MHz / QPSK/ Mid CH



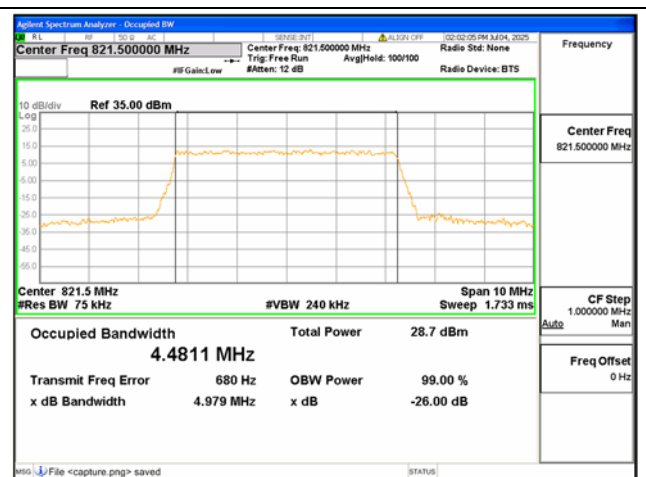
B18 / 5MHz / 16QAM/ Mid CH



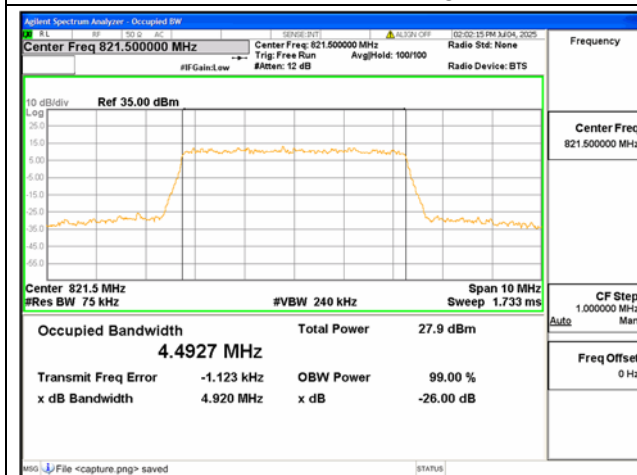
B18 / 5MHz / 64QAM/ Mid CH



B18 / 5MHz / QPSK/ High CH



B18 / 5MHz / 16QAM/ High CH



B18 / 5MHz / 64QAM/ High CH

2.3. Frequency Stability

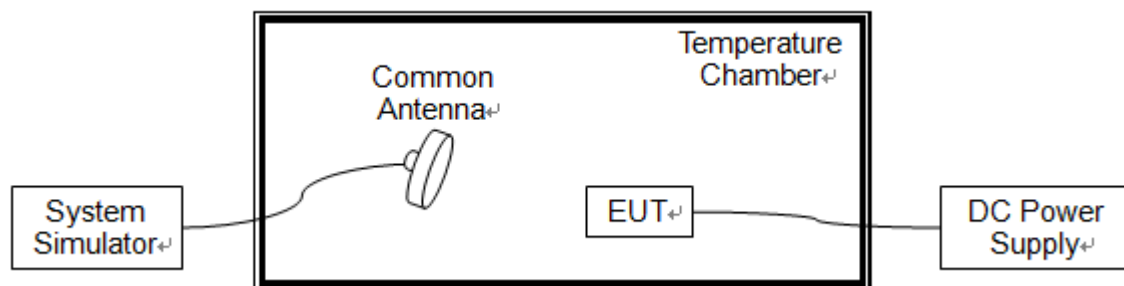
2.3.1. Requirement

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 0°C to 40°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 3.87V, 4.45V and 3.65V, which are specified by the applicant; the normal temperature here used is 20°C.

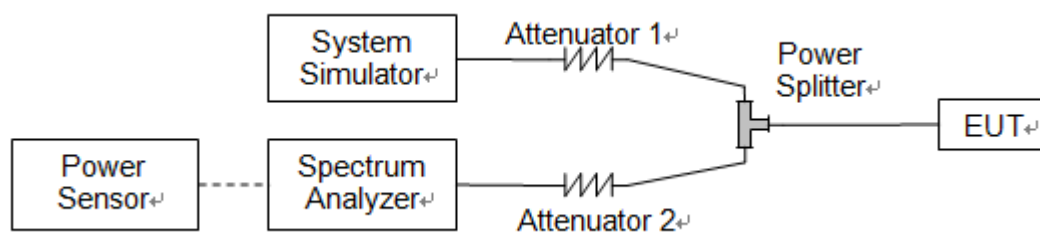
LTE Band 18, 64QAM, Channel 23895, Frequency 819.5MHz					
Limit =Within Authorized Band					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
Normal	3.87	+20(Ref)	-20	-0.024	PASS
Normal		0	5	0.006	
Normal		+10	16	0.020	
Normal		+20	15	0.018	
Normal		+30	-3	-0.004	
Normal		+40	14	0.017	
High	4.45	+20	17	0.021	
BATT.ENDPOINT	3.65	+20	14	0.017	

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 $43 + 10 \cdot \log(P)$ dB. This calculated to be -13dBm.

2.4.2. Test Description



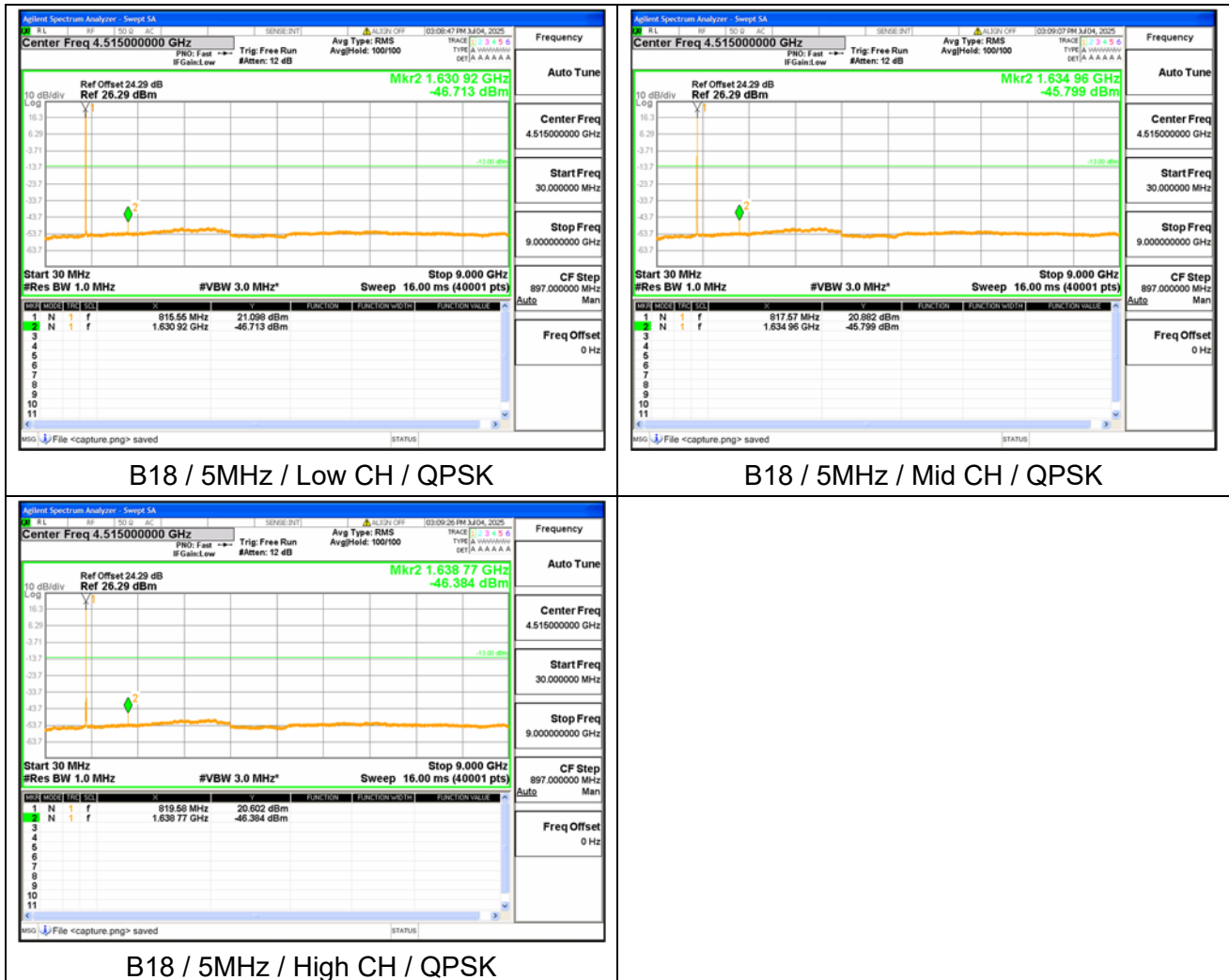
The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50 Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum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



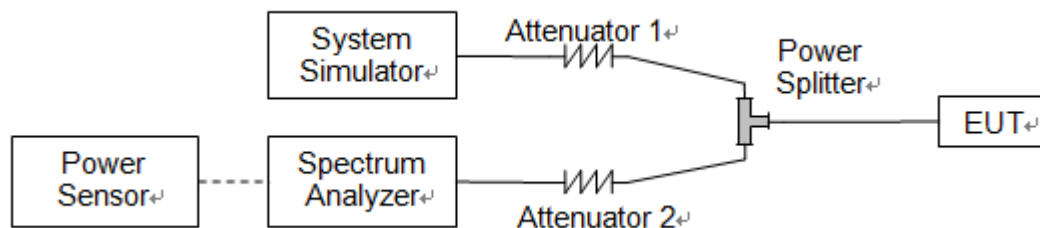
2.5. Band Edge

2.5.1. Requirement

Band18

According to FCC section 90.961(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.

2.5.2. Test Description



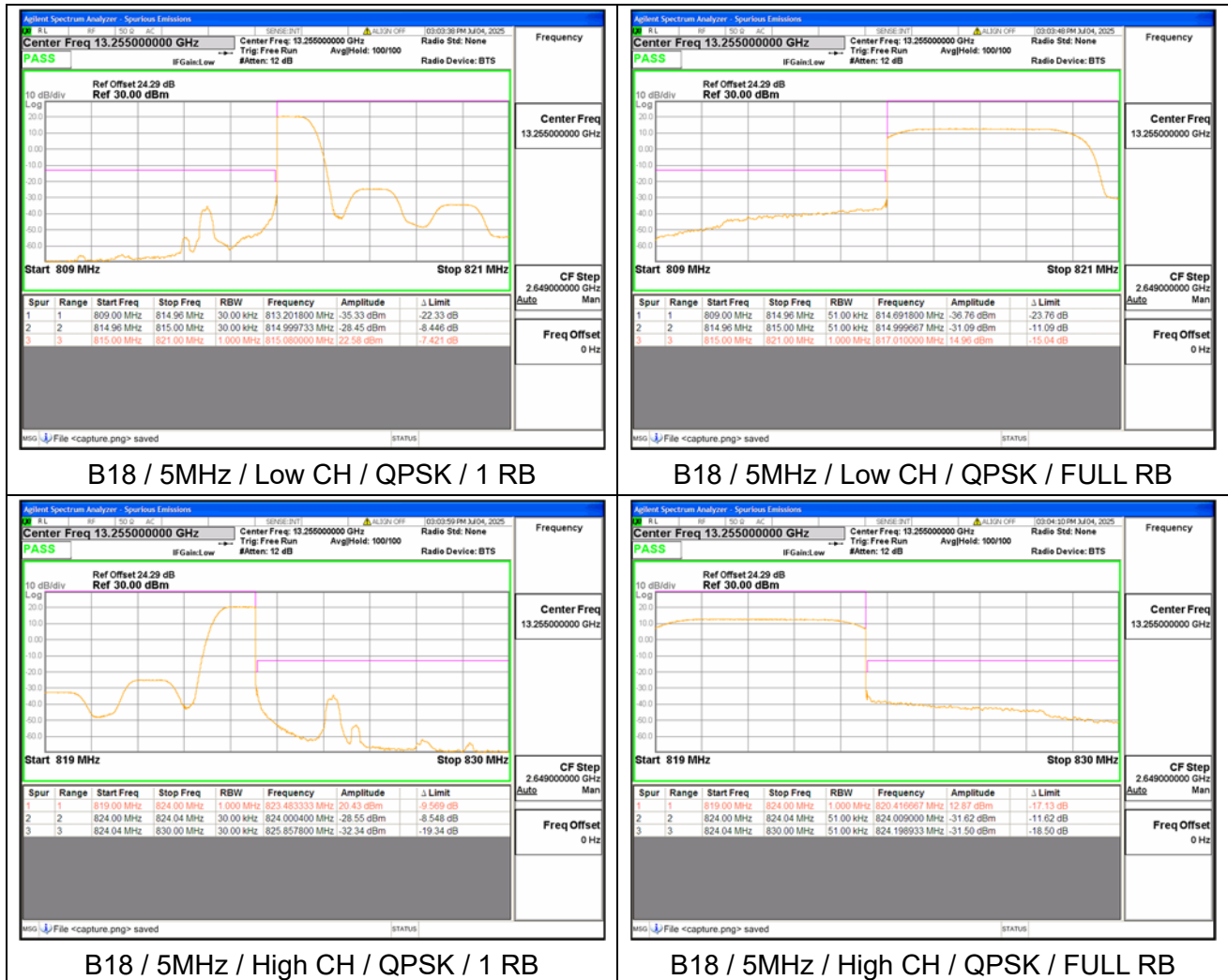
The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum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

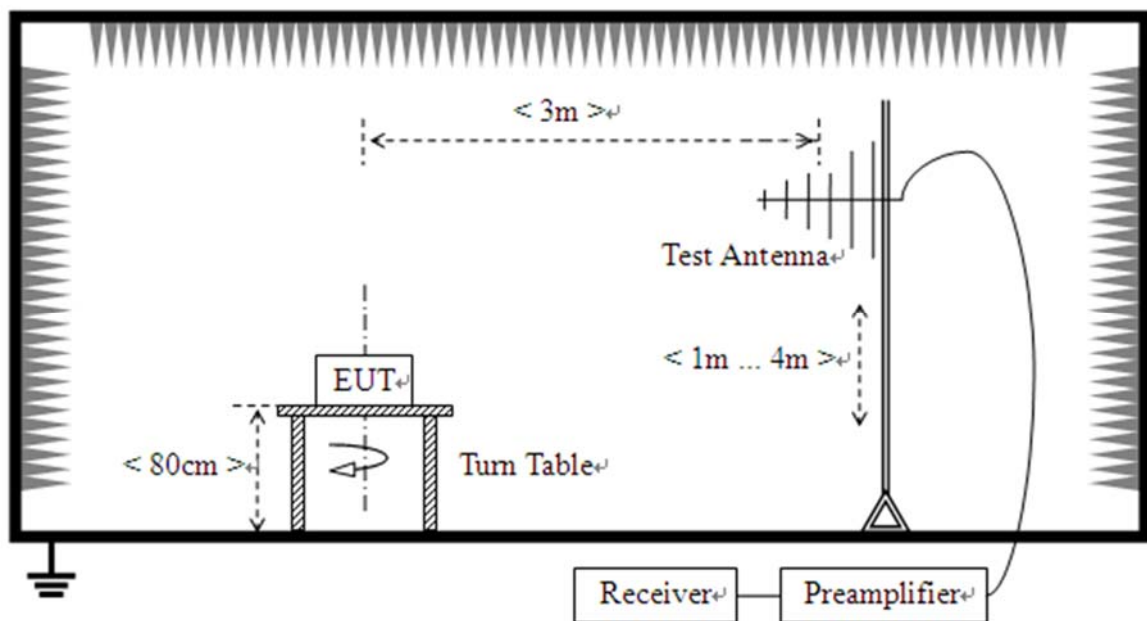


2.6. Radiated Spurious Emissions

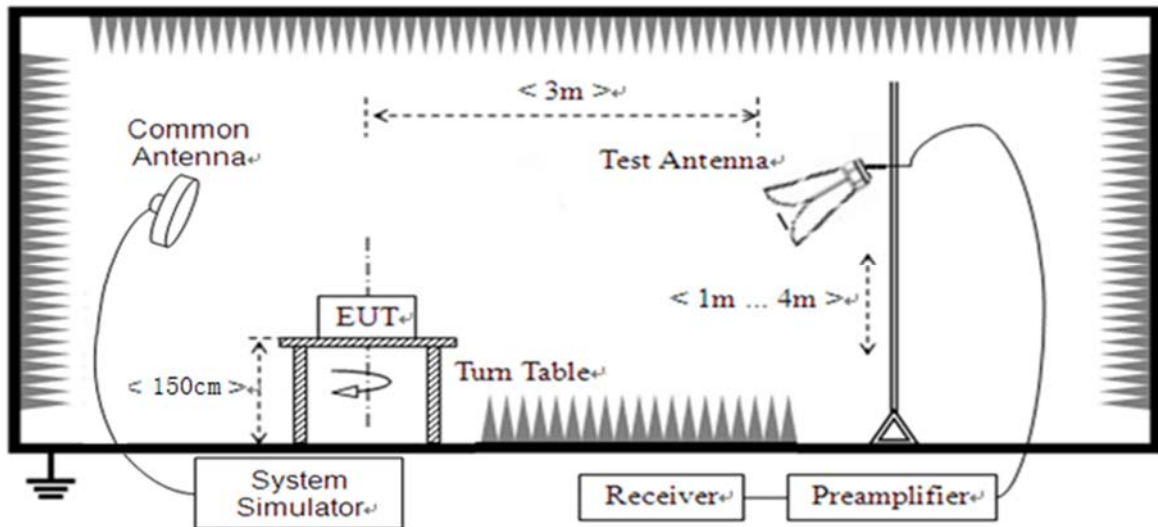
2.6.1. Requirement

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 from 30MHz to 1GHz)



(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 1 GHz the resolution bandwidth is set to 100 kHz 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.

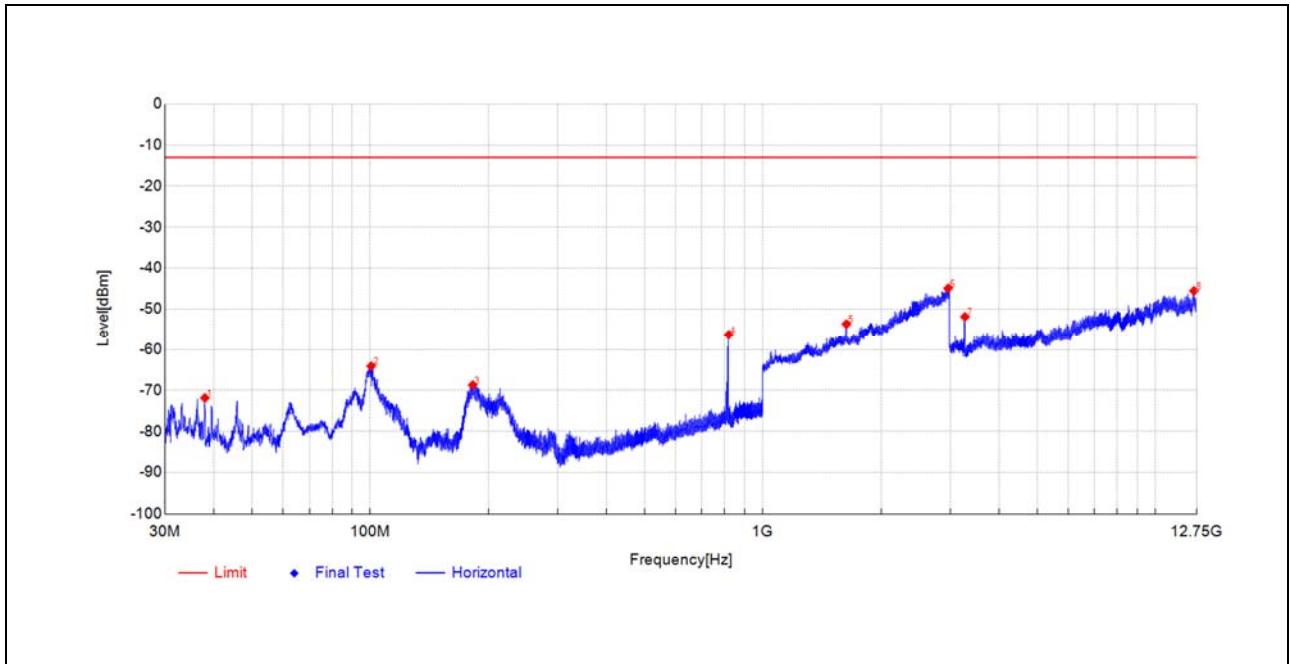
Note3: All bandwidth and modulation were considered and evaluated respectively by performing full test for each band, only the worst cases (Max Bandwidth and QPSK mode) were recorded in this test report.

Note 4: N/A means the frequency is the basic frequency or the base station frequency, they are no need to verdict.

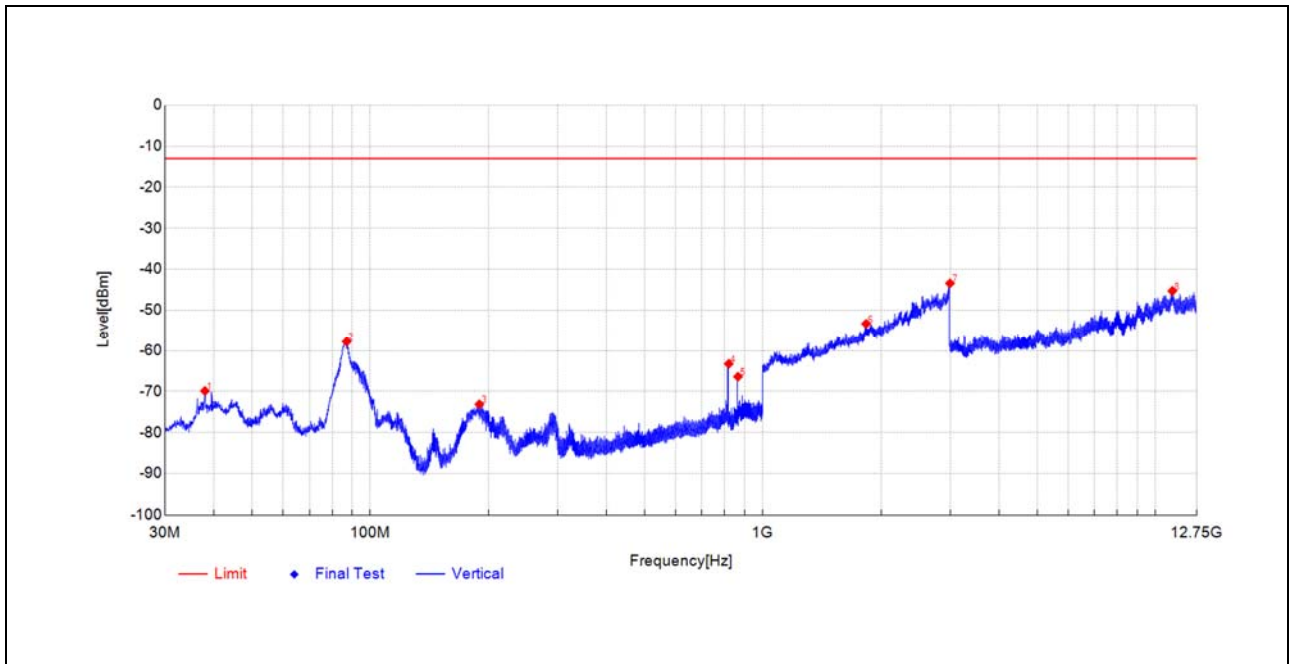
Note 5: The amplitude of emissions(18GHz to 10th harmonics) which are attenuated more than 20 dB below the limit are not be reported.

**LTE Band 18**

Plot for Low Channel

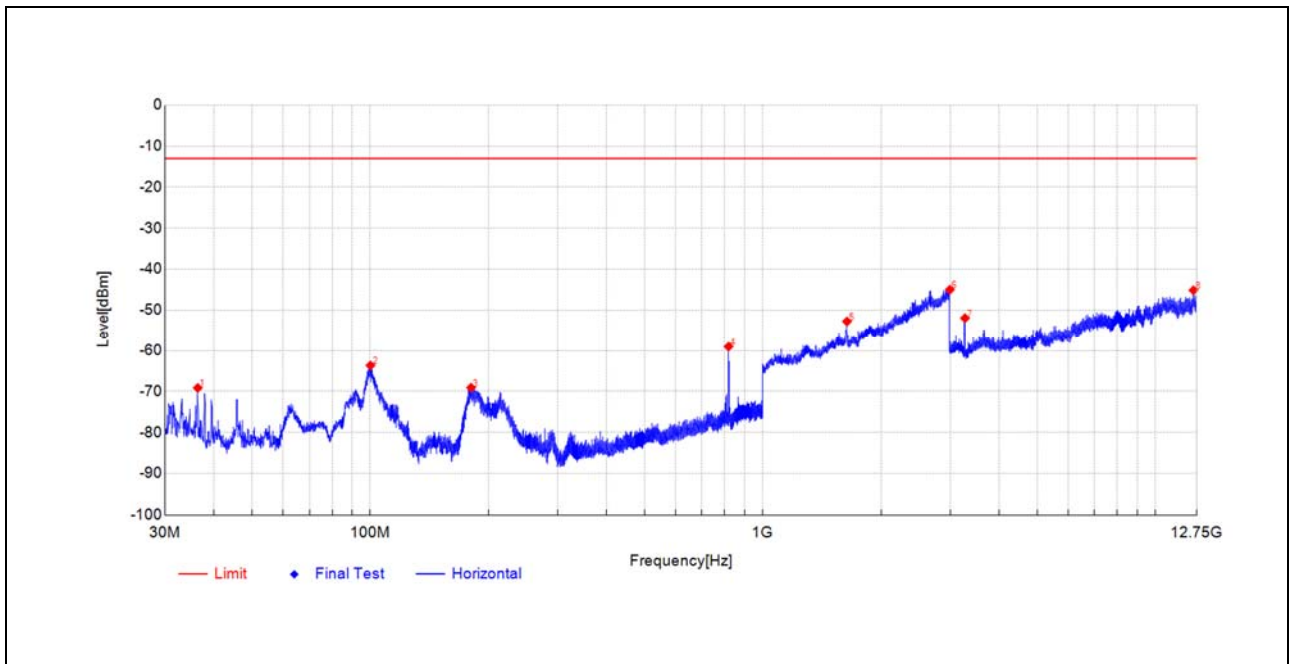


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-56.61	-71.84	-15.2	-13.0	58.8	Horizontal	PK	PASS
100.5225	-41.42	-64.08	-22.7	-13.0	51.1	Horizontal	PK	PASS
182.3946	-48.10	-68.70	-20.6	-13.0	55.7	Horizontal	PK	PASS
818.6494	-50.41	-56.31	-5.9	-	-	Horizontal	PK	NA
1633.3267	-56.59	-53.65	2.9	-13.0	40.7	Horizontal	PK	PASS
2965.9932	-59.86	-44.90	15.0	-13.0	31.9	Horizontal	PK	PASS
3274.9637	-50.84	-51.86	-1.0	-13.0	38.9	Horizontal	PK	PASS
12547.189	-68.86	-45.53	23.3	-13.0	32.5	Horizontal	PK	PASS

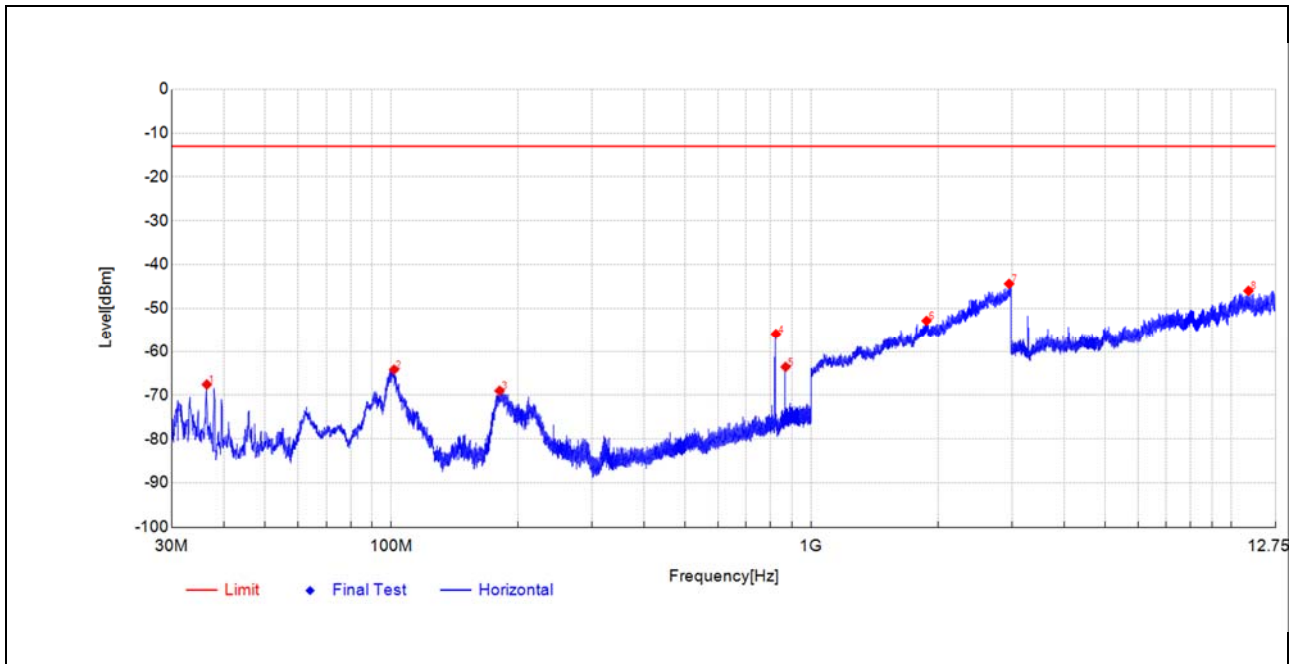


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-47.32	-69.87	-22.6	-13.0	56.9	Vertical	PK	PASS
87.0874	-35.36	-57.78	-22.4	-13.0	44.8	Vertical	PK	PASS
189.6215	-51.25	-73.13	-21.9	-13.0	60.1	Vertical	PK	PASS
819.086	-57.43	-63.25	-5.8	-	-	Vertical	PK	NA
864.6297	-61.35	-66.38	-5.0	-	-	Vertical	PK	NA
1832.9666	-58.68	-53.32	5.4	-13.0	40.3	Vertical	PK	PASS
2999.5999	-60.63	-43.41	17.2	-13.0	30.4	Vertical	PK	PASS
11052.440	-67.47	-45.26	22.2	-13.0	32.3	Vertical	PK	PASS

Plot for Mid Channel

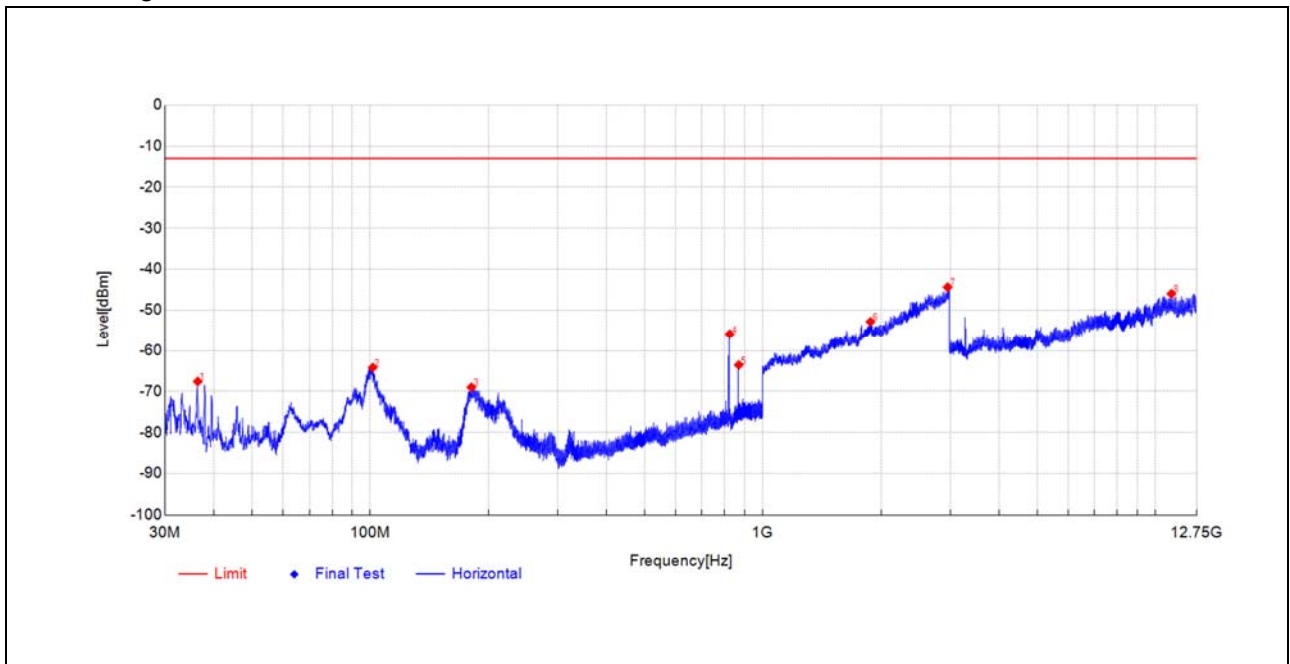


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3538	-53.93	-69.14	-15.2	-13.0	56.1	Horizontal	PK	PASS
100.086	-41.01	-63.68	-22.7	-13.0	50.7	Horizontal	PK	PASS
180.6485	-48.18	-69.08	-20.9	-13.0	56.1	Horizontal	PK	PASS
818.3099	-53.15	-59.05	-5.9	-	-	Horizontal	PK	NA
1638.5277	-55.57	-52.73	2.8	-13.0	39.7	Horizontal	PK	PASS
2995.199	-59.92	-44.98	14.9	-13.0	32.0	Horizontal	PK	PASS
3273.5012	-50.91	-51.91	-1.0	-13.0	38.9	Horizontal	PK	PASS
12504.775	-68.54	-45.12	23.4	-13.0	32.1	Horizontal	PK	PASS

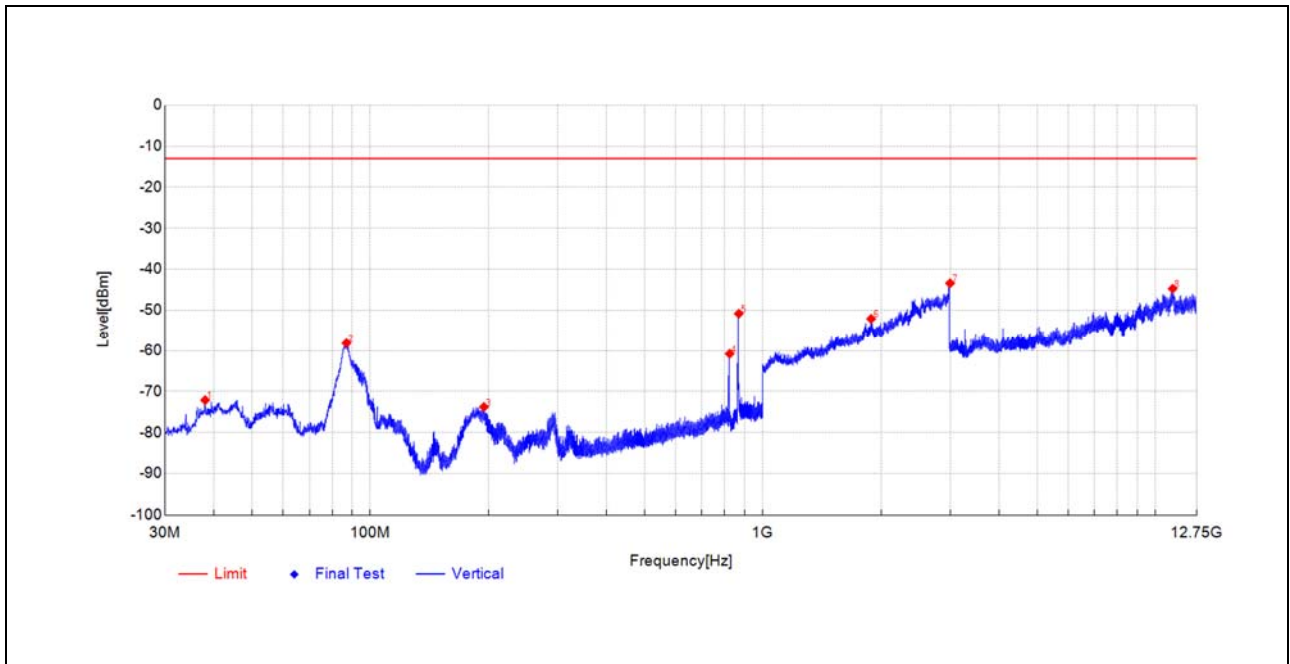


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-49.10	-71.65	-22.6	-13.0	58.7	Vertical	PK	PASS
86.4568	-34.88	-57.37	-22.5	-13.0	44.4	Vertical	PK	PASS
187.8269	-50.95	-72.94	-22.0	-13.0	59.9	Vertical	PK	PASS
818.6494	-57.83	-63.64	-5.8	-	-	Vertical	PK	NA
866.6183	-51.51	-56.47	-5.0	-	-	Vertical	PK	NA
1892.5785	-58.60	-52.71	5.9	-13.0	39.7	Vertical	PK	PASS
2994.799	-59.48	-42.80	16.7	-13.0	29.8	Vertical	PK	PASS
11094.367	-67.20	-44.82	22.4	-13.0	31.8	Vertical	PK	PASS

Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3538	-52.36	-67.57	-15.2	-13.0	54.6	Horizontal	PK	PASS
101.4441	-41.55	-64.17	-22.6	-13.0	51.2	Horizontal	PK	PASS
180.988	-48.18	-69.01	-20.8	-13.0	56.0	Horizontal	PK	PASS
823.5967	-50.08	-55.89	-5.8	-	-	Horizontal	PK	NA
868.5099	-58.67	-63.54	-4.9	-	-	Horizontal	PK	NA
1880.5761	-58.89	-52.83	6.1	-13.0	39.8	Horizontal	PK	PASS
2957.5915	-59.48	-44.37	15.1	-13.0	31.4	Horizontal	PK	PASS
10988.086	-66.95	-45.98	21.0	-13.0	33.0	Horizontal	PK	PASS



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9544	-49.57	-72.11	-22.5	-13.0	59.1	Vertical	PK	PASS
86.9418	-35.73	-58.18	-22.5	-13.0	45.2	Vertical	PK	PASS
194.7627	-52.18	-73.78	-21.6	-13.0	60.8	Vertical	PK	PASS
823.3057	-54.91	-60.79	-5.9	-	-	Vertical	PK	NA
868.5099	-45.92	-50.81	-4.9	-	-	Vertical	PK	NA
1888.1776	-57.98	-52.09	5.9	-13.0	39.1	Vertical	PK	PASS
3000	-60.64	-43.38	17.3	-13.0	30.4	Vertical	PK	PASS
11071.941	-67.01	-44.72	22.3	-13.0	31.7	Vertical	PK	PASS

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 C63.10-2013 and CISPR Publication 22; the FCC designation number is CN1192, the test firm registration number is 226174.



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4. Test Equipment Utilized

4.1 Conducted Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
EXA Signal Analyzer	MY51511149	N9020A	Agilent	2025.05.15	2026.05.14
Communication Test Station	6200995016	MT8820C	Anritsu	2024.09.11	2025.09.10
Temperature Chamber	S022177101 00089002	KMT-36LF 1A0	KOMEG	2024.09.11	2025.09.10

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
System Simulator	152038	CMW500	R&S	2024.09.11	2025.09.10
Signal Analyzer	MY56060145	N9020A	Agilent	2025.05.13	2026.05.12
Test Antenna - Bi-Log	9163-519	VULB 9163	Schwarzbeck	2025.06.20	2026.06.19
Test Antenna - Horn	9120D-963	BBHA 9120D	Schwarzbeck	2025.05.16	2026.05.15
RF Coaxial Cable (DC-18GHz)	MRE001	PE330	Pasternack	2025.05.13	2026.05.12
RF Coaxial Cable (DC-18GHz)	MRE002	CLU18	Pasternack	2025.05.13	2026.05.12
RF Coaxial Cable (DC-18GHz)	MRE003	CLU18	Pasternack	2025.05.13	2026.05.12
RF Coaxial Cable (DC-40GHz)	22290045	QA360-40-KK- 0.5	Qualwave	2024.09.11	2025.09.10
RF Coaxial Cable (DC-40GHz)	22290046	QA360-40-KK F-2	Qualwave	2024.09.11	2025.09.10
RF Coaxial Cable (DC-18GHz)	22120181	QA500-18-NN -5	Qualwave	2024.09.11	2025.09.10
Preamplifier (10MHz-6GHz)	46732	S10M100L380 2	LUCIX CORP.	2025.05.13	2026.05.12
Preamplifier (2GHz-18GHz)	61171/61172	S020180L320 3	LUCIX CORP.	2025.05.13	2026.05.12
Preamplifier (18GHz-40GHz)	DS77209	DCLNA0118-4 0C-S	Decentest	2025.05.13	2026.05.12
Notch Filter	N/A	WRCGV -LTE B18	Wainwright	N/A	N/A
Anechoic Chamber	N/A	9m*6m*6m	CRT	2025.06.21	2028.06.20
Anechoic Chamber	N/A	9m*6m*6m	CRT	2022.11.30	2025.11.29

END OF REPORT