Certificate #6613.01

FCC TEST REPORT

(PART 90)

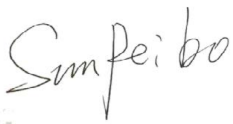
Applicant:	Jiangyin Xinxinzhihuo Technology Co., Ltd.
Address:	Room 302, Building 1, No.2, Binjiang West Road, Jiangyin City, China

Manufacturer or Supplier	Jiangyin Xinxinzhihuo Technology Co., Ltd.
Address	Room 302, Building 1, No.2, Binjiang West Road, Jiangyin City, China
Product	LTE Module
Brand Name	芯芯之火
Model Name	FX095-G1
FCC ID	2BQML2025FX095G1
Date of tests	Jun. 10, 2025 ~ Jul. 11, 2025

The tests have been carried out according to the requirements of the following standard:

☒ **FCC Part 90, Subpart R, S** ☒ **ANSI/TIA/EIA-603- D** ☒ **FCC Part 2**	☒ **ANSI/TIA/EIA-603-E** ☒ **ANSI C63.26-2015**

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Prepared by Hanwen Xu Engineer / Mobile Department	Approved by Peibo Sun Manager / Mobile Department
	
Date: Jul. 11, 2025	Date: Jul. 11, 2025

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
PSU-QSU2506090109RF05	Original release	Jul. 11, 2025

1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

Report Clause	Ref Std.Clause	Test Items	Result (Pass/Fail)	Remark
3.2	§2.1046	Conducted Output Power	Reporting only	-
3.3	-	Peak-to-Average Ratio	Reporting only	-
3.4	§2.1049	Occupied Bandwidth	Reporting only	-
3.5	§2.1053 §90.543(e)(2)	Conducted Band Edge Measurement	PASS	-
3.6	§2.1051 §90.210(n)	Emission Masks	PASS	-
3.7	§2.1053 §90.543(e)(3)	Conducted Spurious Emissions	PASS	-
3.8	§2.1055 §90.539(e)	Frequency Stability Temperature & Voltage	PASS	-
4.2	§2.1053 §90.543(e)(3) §90.543(f)	Radiated Spurious Emissions	PASS	Under limit 21.29dB at 1584.000MHz

***Test Lab Information Reference**

Lab A:

Huarui 7Layers High Technology (Suzhou) Co., Ltd.

Lab Address:

Tower N, Innovation Center, 88 Zuyi Road, High-tech District, Suzhou City, Anhui Province, China

Accredited Test Lab Cert 6613.01

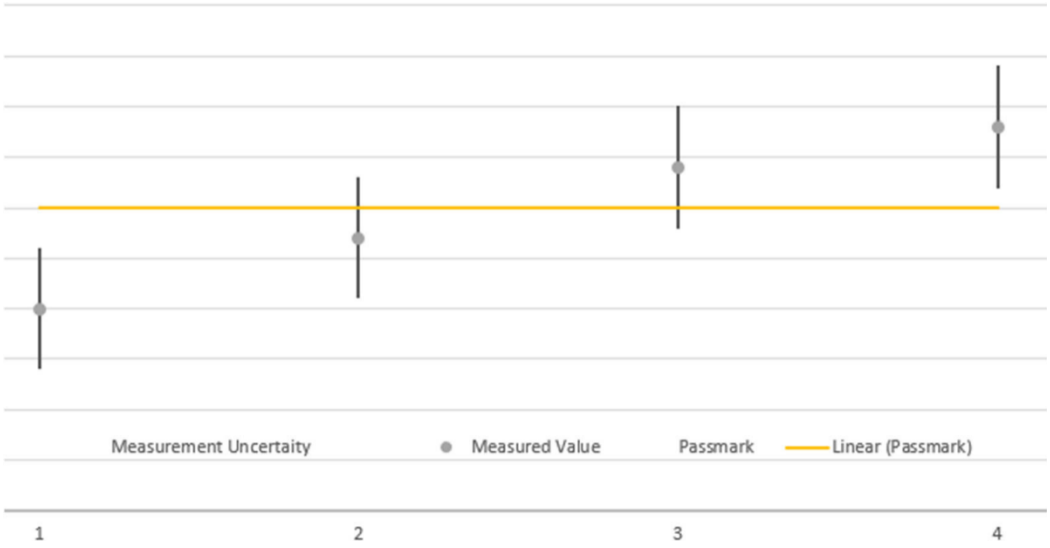
The FCC Site Registration No. is 434559; The Designation No. is CN1325.

1.1 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

MEASUREMENT	FREQUENCY	UNCERTAINTY
Conducted emissions	9kHz~30MHz	2.66dB
Radiated emissions	9KHz ~ 30MHz	2.68dB
	30MHz ~ 1GHz	3.26dB
	1GHz ~ 18GHz	4.48dB
	18GHz ~ 40GHz	4.12dB

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



The verdicts in this test report are given according the above diagram:

Case	Measured Value	Uncertainty Range	Verdict
1	below pass mark	below pass mark	Passed
2	below pass mark	within pass mark	Passed
3	above pass mark	within pass mark	Failed
4	above pass mark	above pass mark	Failed

That means, the laboratory applies, as decision rule (see ISO/IEC 17025:2017), the so-called shared risk principle.

1.2 TEST SITE AND INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Pre-Amplifier	R&S	SCU18F1	100815	Aug.30,23	Aug.29,25
Pre-Amplifier	R&S	SCU08F1	101028	Jan.22,24	Jan.21,26
Vector Signal Generator	R&S	SMBV100B	102176	Mar.29,24	Mar.28,26
Signal Generator	R&S	SMB100A	182185	Mar.29,24	Mar.28,26
3m Fully-anechoic Chamber	TDK	9m*6m*6m	HRSW-SZ-EMC-01Chamber	Nov.25,22	Nov.24,25
3m Semi-anechoic Chamber	TDK	9m*6m*6m	HRSW-SZ-EMC-02Chamber	Nov.25,22	Nov.24,25
EMI TEST Receiver	R&S	ESR26	101734	Mar.28,24	Mar.27,26
EMI TEST Receiver	R&S	ESW44	101973	Mar.28,24	Mar.27,26
Bilog Antenna	SCHWARZBECK	VULB 9163	1264	Jul.05,23	Jul.04,25
Bilog Antenna	SCHWARZBECK	VULB 9163	1264	Jul.04,25	Jul.03,27
Horn Antenna	ETS-LINDGREN	3117	227836	Aug.22,23	Aug.21,25
Horn Antenna (18GHz-40GHz)	Steatite Q-par Antennas	QMS 00880	23486	Jul.15,24	Jul.14,26
Horn Antenna	Steatite Q-par Antennas	QMS 00208	23485	Mar.22,25	Mar.21,27
Loop Antenna	SCHWARZ	HFH2-Z2/Z2E	100976	Feb.22,25	Feb.21,27
WIDEBANDRADIO COMMUNICATION TESTER	R&S	CMW500	169399	Jun.19,24	Jun.18,26
Test Software	EMC32	EMC32	N/A	N/A	N/A
6DB attenuator	Tonscend Technology Co., Ltd	N/A	23062787	N/A	N/A
Test Software	ELEKTRA	ELEKTRA4.32	N/A	N/A	N/A
Open Switch and Control Unit	R&S	OSP220	101964	N/A	N/A
DC Source	HYELEC	HY3010B	551016	Aug.31,23	Aug.30,25
Hygrothermograph	DELI	20210528	SZ014	Mar.18,25	Mar.17,27
PC	LENOVO	E14	HRSW0024	N/A	N/A
TMC-AMI18843A(CABLE)	R&S	HF290-NMNM-7.00M	N/A	N/A	N/A
TMC-AMI18843A(CABLE)	R&S	HF290-NMNM-4.00M	N/A	N/A	N/A
CABLE	R&S	W13.02	N/A	Apr.26,25	Apr.25,26
CABLE	R&S	W12.14	N/A	Apr.26,25	Apr.25,26
CABLE	R&S	J12J103539-00-1	SEP-03-20-069	Apr.26,25	Apr.25,26
CABLE	R&S	J12J103539-00-1	SEP-03-20-070	Apr.26,25	Apr.25,26
Temperature Chamber	votsch	VT4002	585660781000050	May.30,24	May.29,26

NOTE:

1. The calibration interval of the above test instruments is 12 / 24/ 36 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
2. The test was performed in 3m Semi-anechoic Chamber and RF Oven Room.
3. The horn antenna is used only for the measurement of emission frequency above 1GHz if tested.
4. The FCC Site Registration No. is 434559; The Designation No. is CN1325.

2 GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

PRODUCT	LTE Module	
BRAND NAME	芯芯之火	
MODEL NAME	FX095-G1	
NOMINAL VOLTAGE	3.8Vdc	
MODULATION TECHNOLOGY	**LTE**	QPSK, 16QAM
FREQUENCY RANGE	**LTE Band 26 (Channel Bandwidth: 1.4MHz)**	814.7MHz ~ 823.3MHz
	LTE Band 26 (Channel Bandwidth: 3MHz)	815.5MHz ~ 822.5MHz
	LTE Band 26 (Channel Bandwidth: 5MHz)	816.5MHz ~ 821.5MHz
	LTE Band 26 (Channel Bandwidth: 10MHz)	819MHz
EMISSION DESIGNATOR	**LTE Band 26 (Channel Bandwidth: 1.4MHz)**	QPSK: 1M08G7D
		16QAM: 1M09W7D
	LTE Band 26 (Channel Bandwidth: 3MHz)	QPSK: 2M69G7D
		16QAM: 2M68W7D
	LTE Band 26 (Channel Bandwidth: 5MHz)	QPSK: 4M50G7D
		16QAM: 4M51W7D
	LTE Band 26 (Channel Bandwidth: 10MHz)	QPSK: 8M95G7D
		16QAM: 4M92W7D
MAX. EIRP POWER	**LTE Band 26 (Channel Bandwidth: 1.4MHz)**	76.56mW
	LTE Band 26 (Channel Bandwidth: 3MHz)	77.09mW
	LTE Band 26 (Channel Bandwidth: 5MHz)	76.21mW
	LTE Band 26 (Channel Bandwidth: 10MHz)	77.62mW
ANTENNA GAIN	-1.7dBi	
ANTENNA TYPE	Fixed External Antenna	
HW VERSION	FX095-G1_GLOBAL_V1.0	
SW VERSION	V4100LCB10004R00C0008	
I/O PORTS	Refer to user's manual	
DATA CABLE	N/A	
EXTREME TEMPERATURE	-35 ~75℃	
EXTREME VOLTAGE	3.4~4.5V	

NOTE:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

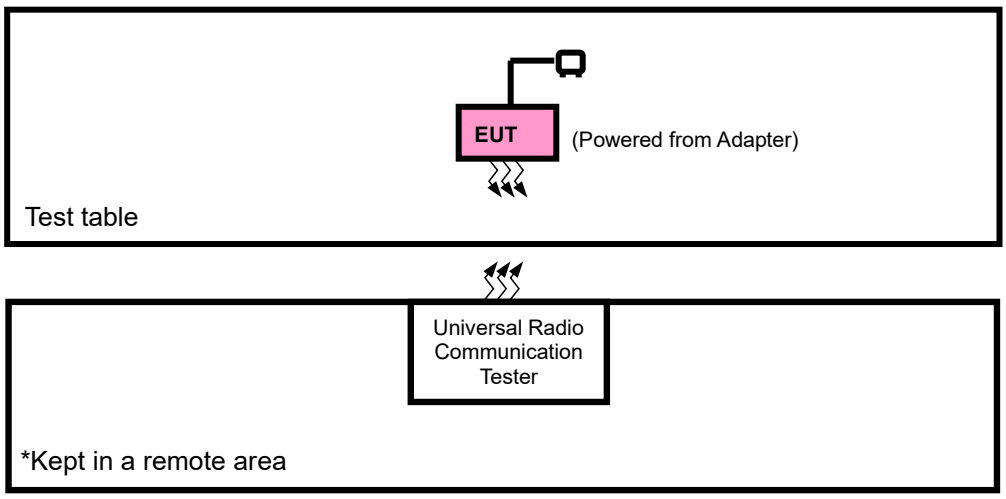
2. The EUT incorporates a SISO function. Physically, the EUT provides one completed transmitter and one receivers.

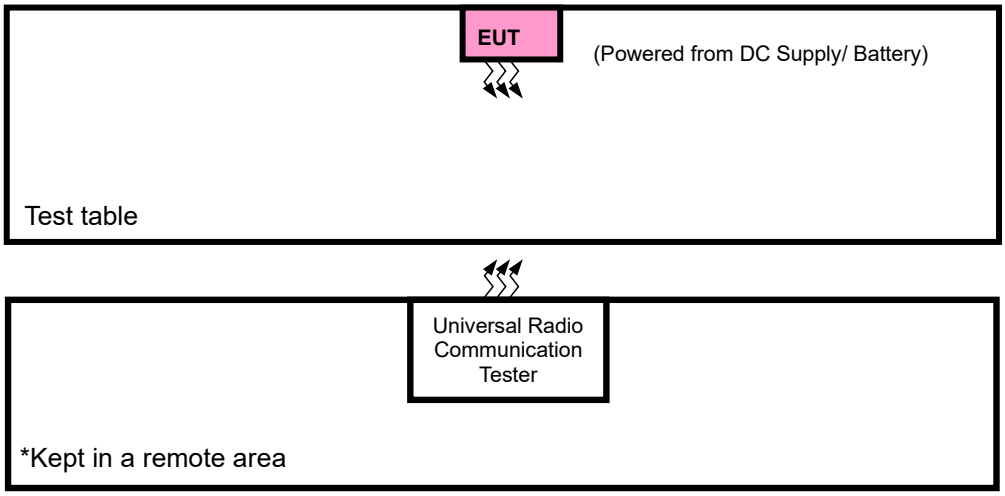
MODULATION MODE	TX FUNCTION
LTE	1TX/1RX

3. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.

2.2 CONFIGURATION OF SYSTEM UNDER TEST

FOR RADIATION EMISSION TEST





2.3 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	Adapter	N/A	N/A	N/A	N/A

NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	N/A

2.4 DESCRIPTION OF TEST MODES

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and antenna ports The worst case in ERP/EIRP and radiated emission was found when positioned on Y-plane for LTE. Following channel(s) was (were) selected for the final test as listed below:

EUT CONFIGURE MODE	DESCRIPTION
A	EUT + Adapter + USB Cable with LTE link
B	EUT + DC Supply with LTE link

LTE BAND 26 MODE

EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
A	ERP	26697 to 26783	26697, 23330, 26783	1.4MHz	QPSK, 16QAM	1 RB / 0 RB offset
		26705 to 26775	26705, 23330, 26775	3MHz	QPSK, 16QAM	1 RB / 0 RB offset
		26715 to 26765	26715, 23330, 26765	5MHz	QPSK, 16QAM	1 RB / 0 RB offset
		23330	23330	10MHz	QPSK, 16QAM	1 RB / 0 RB offset
B	FREQUENCY STABILITY	23330	23330	10MHz	QPSK	50 RB / 0 RB offset
A	OCCUPIED BANDWIDTH	26697 to 26783	26697, 23330, 26783	1.4MHz	QPSK, 16QAM	6 RB / 0 RB offset
		26705 to 26775	26705, 23330, 26775	3MHz	QPSK, 16QAM	15 RB / 0 RB offset
		26715 to 26765	26715, 23330, 26765	5MHz	QPSK, 16QAM	25 RB / 0 RB offset
		23330	23330	10MHz	QPSK, 16QAM	50 RB / 0 RB offset
A	BAND EDGE	26697 to 26783	26697	1.4MHz	QPSK, 16QAM	1 RB / 0 RB offset
						6 RB / 0 RB offset
			26783	1.4MHz	QPSK, 16QAM	1 RB / 5 RB offset
						6 RB / 0 RB offset
		26705 to 26775	26705	3MHz	QPSK, 16QAM	1 RB / 0 RB offset
						15 RB / 0 RB offset
			26775	3MHz	QPSK, 16QAM	1 RB / 14 RB offset
						15 RB / 0 RB offset
		26715 to 26765	26715	5MHz	QPSK, 16QAM	1 RB / 0 RB offset
						25 RB / 0 RB offset
			26765	5MHz	QPSK, 16QAM	1 RB / 24 RB offset

						25 RB / 0 RB offset
		23330	23330	10MHz	QPSK, 16QAM	1 RB / 0 RB offset
						50 RB / 0 RB offset
			23330	10MHz	QPSK, 16QAM	1 RB / 49 RB offset
						50 RB / 0 RB offset
A	CONDUCTED EMISSION	26697 to 26783	26697, 23330, 26783	1.4MHz	QPSK	1 RB / 0 RB offset
		26705 to 26775	26705, 23330, 26775	3MHz	QPSK	1 RB / 0 RB offset
		26715 to 26765	26715, 23330, 26765	5MHz	QPSK	1 RB / 0 RB offset
		23330	23330	10MHz	QPSK	1 RB / 0 RB offset
A	PEAK-TO-AVERAGE RATIO	23330	23330	10MHz	QPSK,16QAM	1 RB / 0 RB offset
A	RADIATED EMISSION	26697 to 26783	26697, 23330, 26783	1.4MHz	QPSK	1 RB / 0 RB offset
		26705 to 26775	23330	3MHz	QPSK	1 RB / 0 RB offset
		26715 to 26765	23330	5MHz	QPSK	1 RB / 0 RB offset
		23330	23330	10MHz	QPSK	1 RB / 0 RB offset

Note: This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

TEST CONDITION			
TEST ITEM	**ENVIRONMENTAL CONDITIONS**	**INPUT POWER**	**TESTED BY**
ERP	24deg. C, 60%RH	DC 3.8Vdc By Adapter	Hanwen Xu
FREQUENCY STABILITY	24deg. C, 61%RH	DC 3.4V/ 3.8V/ 4.5V By Source	Hanwen Xu
OCCUPIED BANDWIDTH	24deg. C, 61%RH	DC 3.8Vdc By Adapter	Hanwen Xu
BAND EDGE	24deg. C, 61%RH	DC 3.8Vdc By Adapter	Hanwen Xu
CONDUCTED EMISSION	24deg. C, 61%RH	DC 3.8Vdc By Adapter	Hanwen Xu
RADIATED EMISSION	23deg. C, 70%RH	AC 120V/60Hz	Hanwen Xu

2.5 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC 47 CFR Part 2

FCC 47 CFR Part 90

ANSI/TIA/EIA-603-D

ANSI/TIA/EIA-603-E

ANSI C63.26-2015

NOTE: All test items have been performed and recorded as per the above standards.

3 TEST TYPES AND RESULTS

3.1 OUTPUT POWER MEASUREMENT

3.1.1 LIMITS OF OUTPUT POWER MEASUREMENT

Per FCC Part 90.635(a)(b)
The maximum output power of the transmitter for mobile stations is 100 watts (20 dBw).

3.1.2 TEST PROCEDURES

EIRP / ERP MEASUREMENT:

Per KDB 971168 D01 Power Meas License Digital Systems v03r01 or subclause 5.2.5.5 of ANSI C63.26-2015, the relevant equation for determing the ERP or EIRP from the conducted RF output power measured using the guidance provided above is:

ERP or EIRP = $P_{Meas} + G_T – L_C$

Where:

ERP or EIRP = effective radiated power or equivalent isotropically radiated power, respectively

(expressed in the same units as P_{Meas}, typically dBW or dBm);

P_{Meas} = measured transmitter output power or PSD, in dBm or dBW;

G_T = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);

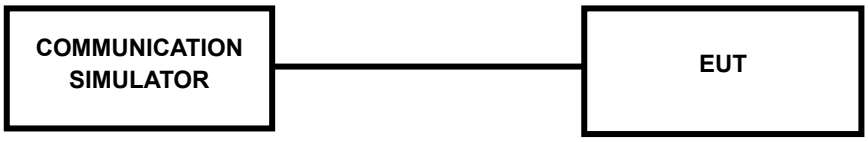
L_C = signal attenuation in the connecting cable between the transmitter and antenna, in dB

CONDUCTED POWER MEASUREMENT:

a. The EUT was set up for the maximum power with LTE link data modulation and link up with simulator.
b. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.

3.1.3 TEST SETUP

CONDUCTED POWER MEASUREMENT:



For the actual test configuration, please refer to the attached file (Test Setup Photo).

3.1.4 TEST RESULTS

AVERAGE CONDUCTED OUTPUT POWER (dBm)

LTE Band 26						
Band/BW	Modulation	RB Size	RB offset	Low CH 26697	Mid CH 23330	High CH 26783
				Frequency 814.7 MHz	Frequency 819 MHz	Frequency 823.3 MHz
26/ 1.4	QPSK	1	0	22.26	22.25	22.10
		1	2	22.69	22.66	22.59
		1	5	22.25	22.33	22.17
		3	0	22.57	22.58	22.53
		3	1	22.46	22.56	22.56
		3	3	22.33	22.47	22.17
		6	0	22.33	22.41	22.32
	16QAM	1	0	21.22	21.21	20.99
		1	2	21.52	21.77	21.41
		1	5	21.43	21.45	21.40
		3	0	21.78	21.85	21.67
		3	1	21.57	21.65	21.53
		3	3	21.44	21.59	21.32
		6	0	22.24	22.41	22.14
Band/BW	Modulation	RB Size	RB ffset	Low CH 26705	Mid CH 23330	High CH 26775
				Frequency 815.5 MHz	Frequency 819 MHz	Frequency 822.5 MHz
26/ 3	QPSK	1	0	22.14	22.30	22.14
		1	12	22.58	22.72	22.56
		1	24	22.21	22.39	22.15
		12	0	21.79	21.80	21.63
		12	6	21.65	21.76	21.69
		12	13	21.49	21.54	21.38
		25	0	22.46	22.38	22.40
	16QAM	1	0	21.15	21.22	21.02
		1	12	21.61	21.72	21.46
		1	24	21.35	21.50	21.31
		12	0	20.95	21.07	20.89
		12	6	20.82	20.85	20.73
		12	13	20.58	20.80	20.59
		25	0	22.31	22.45	22.21

LTE Band 26						
Band/BW	Modulation	RB Size	RB offset	Low CH 26715	Mid CH 23330	High CH 26765
				Frequency 816.5 MHz	Frequency 819 MHz	Frequency 821.5 MHz
26/ 5	QPSK	1	0	22.21	22.26	22.15
		1	12	22.67	22.67	22.55
		1	24	22.28	22.38	22.13
		12	0	21.77	21.80	21.73
		12	6	21.71	21.76	21.66

		12	13	21.49	21.67	21.40
		25	0	22.41	22.33	22.30
	16QAM	1	0	21.19	21.33	20.96
		1	12	21.61	21.77	21.45
		1	24	21.39	21.48	21.39
		12	0	20.93	21.06	20.87
		12	6	20.88	20.89	20.67
		12	13	20.63	20.75	20.63
		25	0	22.27	22.36	22.15
Band/BW	Modulation	RB Size	RB offset	/	Mid CH 23330	/
				/	Frequency 819 MHz	/
26/ 10	QPSK	1	0	/	22.34	/
		1	24	/	22.75	/
		1	49	/	22.45	/
		25	0	/	21.93	/
		25	12	/	21.80	/
		25	25	/	21.68	/
		50	0	/	22.48	/
	16QAM	1	0	/	21.35	/
		1	24	/	21.80	/
		1	49	/	21.56	/
		25	0	/	21.12	/
		25	12	/	20.98	/
		25	25	/	20.86	/
		50	0	/	22.46	/

ERP

LTE BAND 26

1.4MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G_T-L_C (dB)	ERP (dBm)	ERP (mW)	Limit (W)
26697	814.7	22.69	-1.7	18.84	76.56	100
23330	819	22.66	-1.7	18.81	76.03	100
26783	823.3	22.59	-1.7	18.74	74.82	100

1.4MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G_T-L_C (dB)	ERP (dBm)	ERP (mW)	Limit (W)
26697	814.7	22.24	-1.7	18.39	69.02	100
23330	819	22.41	-1.7	18.56	71.78	100
26783	823.3	22.14	-1.7	18.29	67.45	100

3MHz QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	G_T-L_C (dB)	ERP (dBm)	ERP (mW)	Limit (W)
26705	815.5	22.58	-1.7	18.73	74.64	100
23330	819	22.72	-1.7	18.87	77.09	100
26775	822.5	22.56	-1.7	18.71	74.30	100

3MHz 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	G_T-L_C (dB)	ERP (dBm)	ERP (mW)	Limit (W)
26705	815.5	22.31	-1.7	18.46	70.15	100
23330	819	22.45	-1.7	18.60	72.44	100
26775	822.5	22.21	-1.7	18.36	68.55	100

5MHz QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	G_T-L_C (dB)	ERP (dBm)	ERP (mW)	Limit (W)
26715	816.5	22.67	-1.7	18.82	76.21	100
23330	819	22.67	-1.7	18.82	76.21	100
26765	821.5	22.55	-1.7	18.70	74.13	100

5MHz 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	G_T-L_C (dB)	ERP (dBm)	ERP (mW)	Limit (W)
26715	816.5	22.27	-1.7	18.42	69.50	100
23330	819	22.36	-1.7	18.51	70.96	100
26765	821.5	22.15	-1.7	18.30	67.61	100

10MHz QPSK						
Channel	Frequency (MHz)	Conducted Power (dBm)	G_T-L_C (dB)	ERP (dBm)	ERP (mW)	Limit (W)
23330	819	22.75	-1.7	18.90	77.62	100
10MHz 16QAM						
Channel	Frequency (MHz)	Conducted Power (dBm)	G_T-L_C (dB)	ERP (dBm)	ERP (mW)	Limit (W)
23330	819	22.46	-1.7	18.61	72.61	100

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).

3.2 FREQUENCY STABILITY MEASUREMENT

3.2.1 LIMITS OF FREQUENCY STABILIITY MEASUREMENT

The frequency stability of mobile, portable and control transmitters operating in the wideband segment must be 1.25 parts per million or better when AFC is locked to a base station, and 5 parts per million or better when AFC is not locked

3.2.2 TEST PROCEDURE

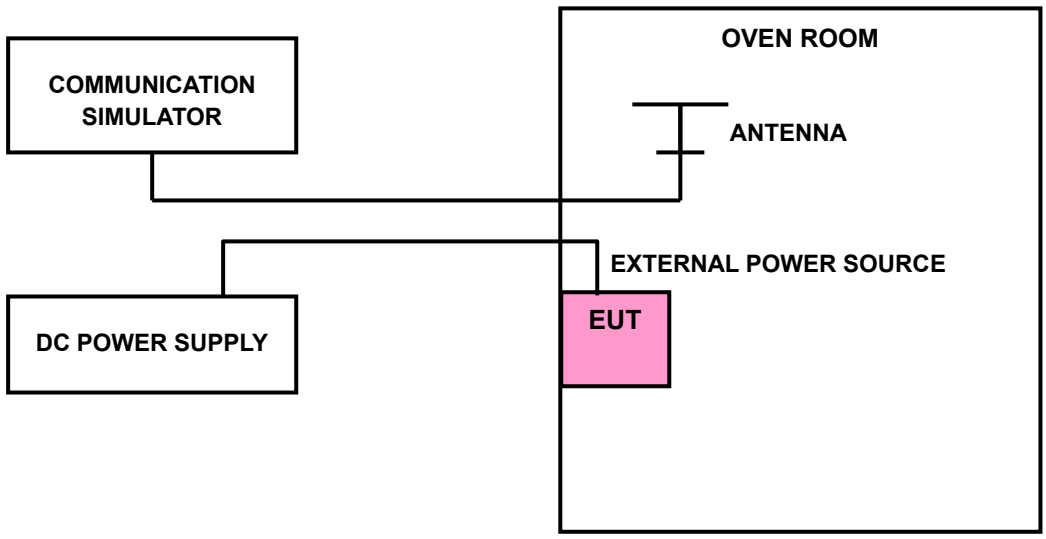
a. Device is placed at the oven room. The oven room could control the temperatures and humidity. Power warm up is at least 15 min and power applied should perform before recording frequency error.

b. EUT is connected the external power supply to control the DC input power. The test voltage range is from minimum to maximum working voltage. Each step shall be record the frequency error rate.

c. The temperature range step is 10 degrees in this test items. All temperature levels shall be hold the ±0.5℃ during the measurement testing. The each temperature step shall be at least 0.5 hours, consider the EUT could be test under the stability condition.

NOTE: The frequency error was recorded frequency error from the communication simulator.

3.2.3 TEST SETUP



3.2.4 TEST RESULTS

Please Refer to Appendix of this test report.

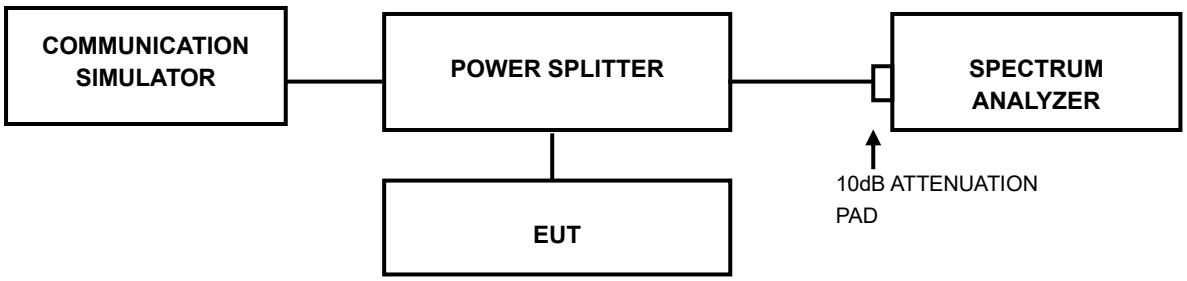
Note: VL = Low voltage(3.6V); VN/NV = Normal voltage(3.87V); VH = High voltage(4.45V);
NT = Normal temperature (25℃)

3.3 OCCUPIED BANDWIDTH MEASUREMENT

3.3.1 LIMITS OF OCCUPIED BANDWIDTH MEASUREMENT

The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5 %of the total mean power of a given emission.

3.3.2 TEST SETUP



3.3.3 TEST PROCEDURES

a. The conducted occupied bandwidth used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.

b. Use OBW measurement function of Spectrum analyzer to measure 99 % occupied bandwidth.

3.3.4 TEST RESULTS

Please Refer to Appendix of this test report.

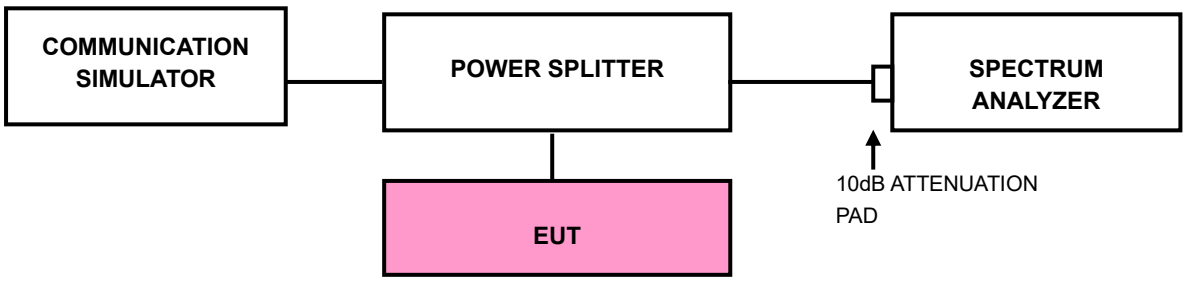
3.4 EMISSION MASK MEASUREMENT

3.4.1 LIMITS OF EMISSION MASK MEASUREMENT

According to FCC part 90.691 shall be tested the emission mask. For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 Log10(f/6.1) decibels or 50 + 10 Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

3.4.2 TEST SETUP



3.4.3 TEST PROCEDURES

a) Connect the transmitter to the spectrum analyzer via coaxial cable while ensuring proper impedance matching.
b) Tune the analyzer to the nominal center frequency of the emission bandwidth (EBW).
c) Set the resolution bandwidth (RBW) ≧ 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
d) Beyond the 1MHz band from the band edge, RBW=1MHz was used.
e) Set the video bandwidth (VBW) to ≧3 x RBW.
f) Select the average power (RMS) display detector.
g) Set the number of measurement points to ≧ 1001.
h) Use auto-coupled sweep time.
i) Perform the measurement over an interval of time when the transmission is continuous and at its maximum power level.
j) The RF fundamental frequency should be excluded against the limit line in the operating frequency band and use RBW is 10KHz or 100KHz.
k) Record the max trace plot into the test report.

3.4.4 TEST RESULTS

Please Refer to Appendix of this test report.

3.5 CONDUCTED SPURIOUS EMISSIONS

3.5.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

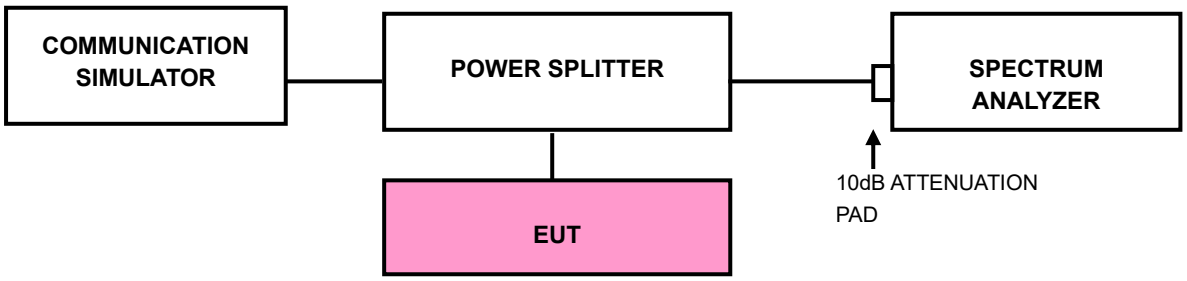
The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least 43 +10 log10(P) dB. The limit of emission equal to –13dBm

3.5.2 TEST PROCEDURE

a. The EUT makes a phone call to the communication simulator. All measurements were done at middle operational frequency range.

b. Measuring frequency range is from 9kHz up to a frequency including its 10th harmonic. 10dB attenuation pad is connected with spectrum. RBW=1MHz and VBW=3MHz is used for conducted emission measurement.

3.5.3 TEST SETUP



3.5.4 TEST RESULTS

NOTE ：The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

Please Refer to Appendix of this test report.

3.6 RADIATED EMISSION MEASUREMENT

3.6.1 LIMITS OF RADIATED EMISSION MEASUREMENT

(1)The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least 43 +10 log10(P) dB. The limit of emission equal to –13dBm

(2) For operations in the 763–775 MHz and 793–805 MHz bands, all emissions including harmonics 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.

3.6.2 TEST PROCEDURES

a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.

b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to “Read Value” of step a. Record the power level of S.G

c. EIRP = Output power level of S.G – TX cable loss + Antenna gain of substitution horn.

d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, E.R.P power = E.I.P.R power - 2.15dBi.

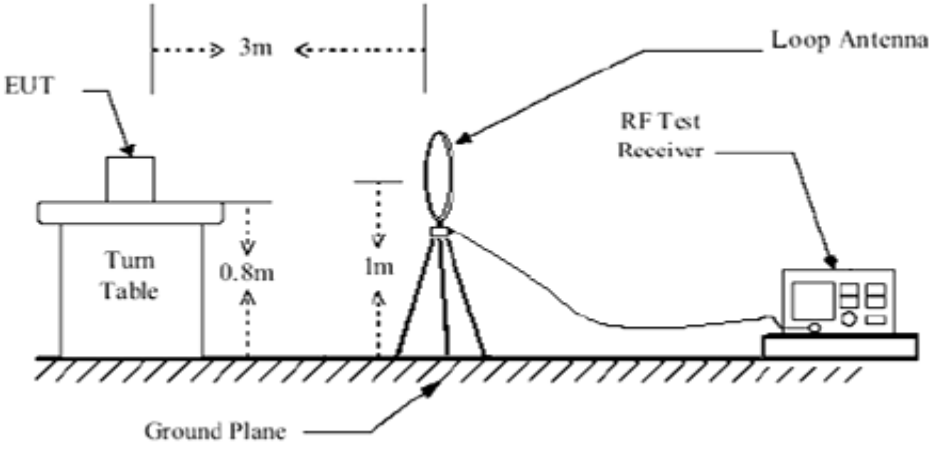
NOTE: The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

3.6.3 DEVIATION FROM TEST STANDARD

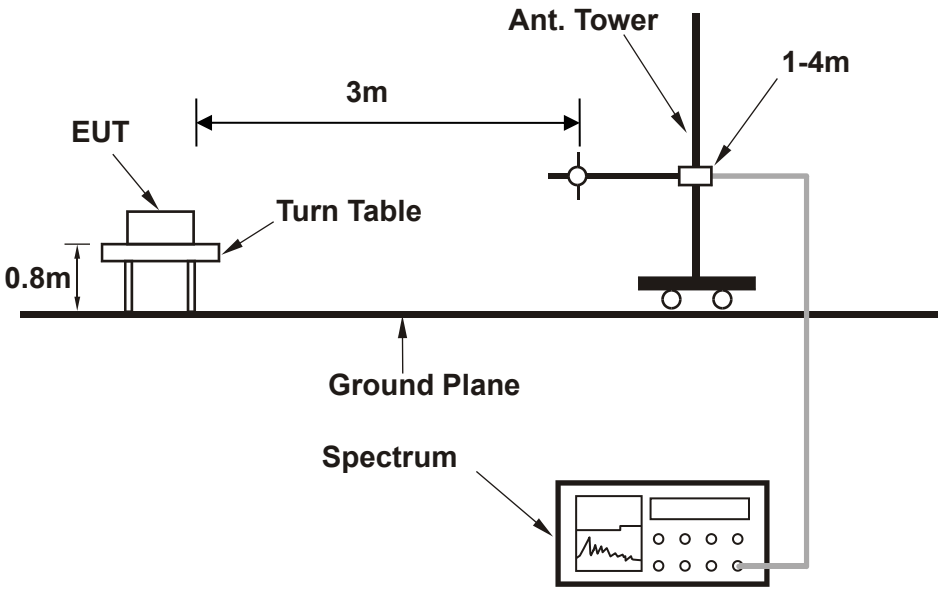
No deviation

3.6.4 TEST SETUP

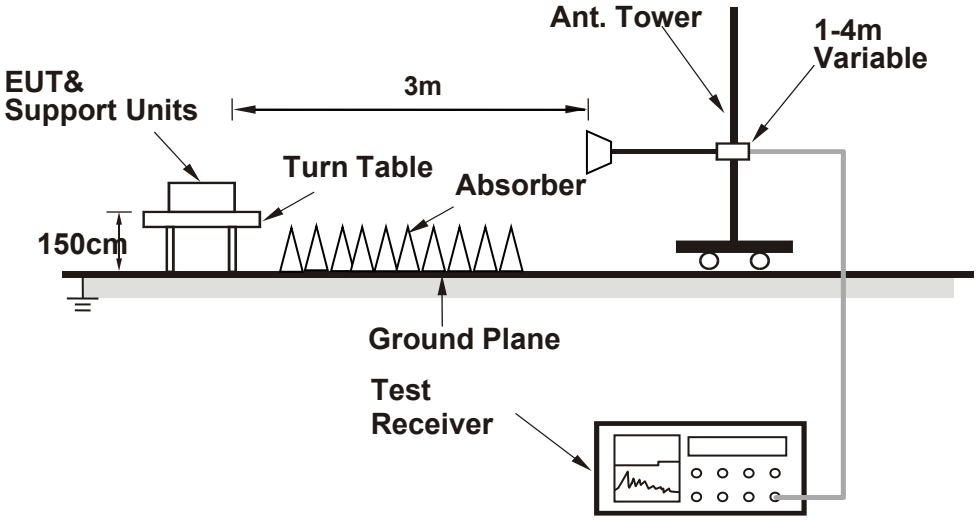
<Below 30MHz>



< Frequency Range 30MHz~1GHz >



< Frequency Range above 1GHz >



For the actual test configuration, please refer to the attached file (Test Setup Photo).

3.6.5 TEST RESULTS

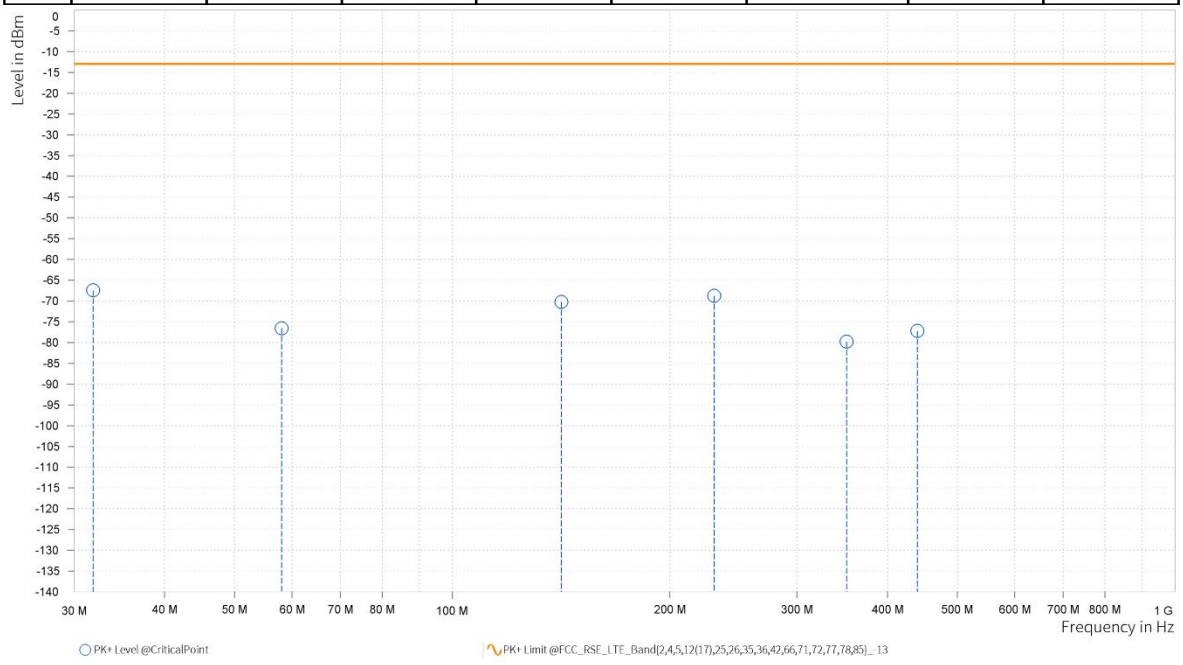
BELOW 1GHz WORST-CASE DATA

NOTE ：The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

LTE Band 26 CHANNEL BANDWIDTH: 1.4MHz / QPSK			
MODE	TX channel 26783	**FREQUENCY RANGE**	30 MHz ~ 1GHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	**INPUT POWER**	AC 120V 60HZ
TESTED BY	Hanwen Xu		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

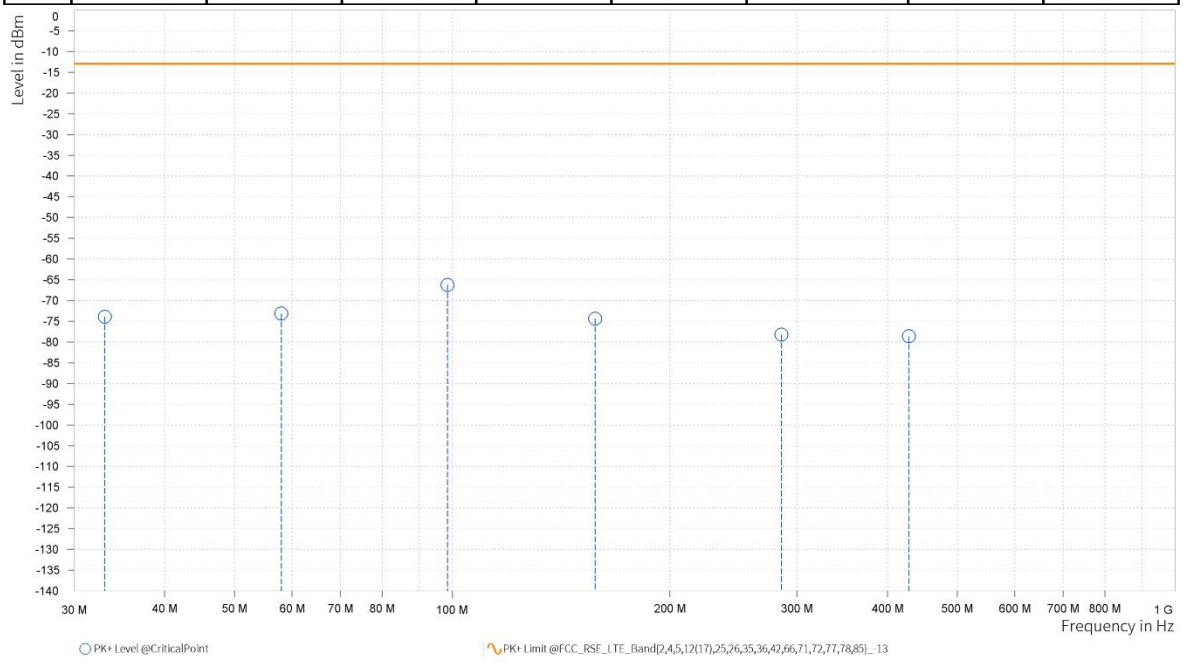
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	31.850	-67.46	-13.00	54.46	-0.55	H	216.2	2.00
1	58.050	-76.54	-13.00	63.54	-3.64	H	357.3	1.00
1	141.650	-70.24	-13.00	57.24	-14.46	H	272.3	2.00
1	230.350	-68.79	-13.00	55.79	1.10	H	267	1.00
1	351.400	-79.80	-13.00	66.80	-1.47	H	359.1	1.00
1	440.200	-77.23	-13.00	64.23	1.66	H	1	1.00



MODE	TX channel 26783	FREQUENCY RANGE	30 MHz ~ 1GHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V 60HZ
TESTED BY	Hanwen Xu		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	33.050	-73.89	-13.00	60.89	-6.35	V	359	2.00
1	58.000	-73.14	-13.00	60.14	-4.00	V	4.9	1.00
1	98.450	-66.24	-13.00	53.24	4.65	V	4.9	1.00
1	157.700	-74.36	-13.00	61.36	-11.68	V	145	1.00
1	285.400	-78.25	-13.00	65.25	-1.23	V	354.6	1.00
1	428.300	-78.61	-13.00	65.61	0.69	V	218.5	2.00



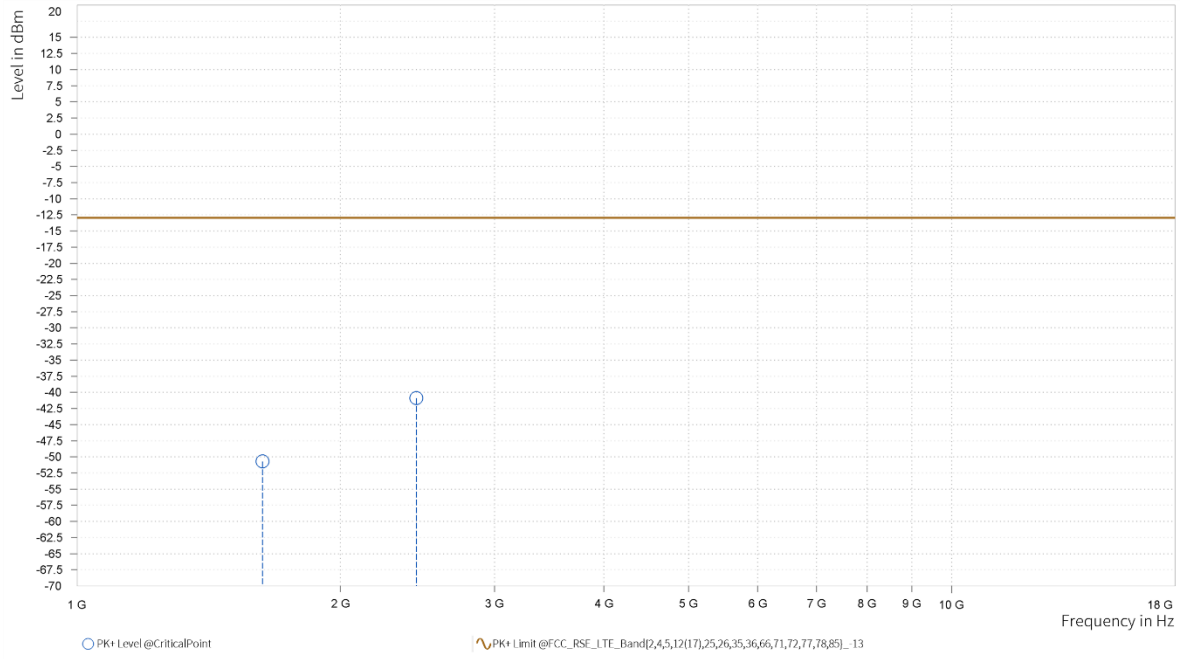
ABOVE 1GHz

Note: For higher frequency, the emission is too low to be detected.

LTE BAND 26			
CHANNEL BANDWIDTH	1.4MHz / QPSK	**MODE**	TX channel 26697
FREQUENCY RANGE	Above 1000MHz	**ENVIRONMENTAL CONDITIONS**	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	**TESTED BY**	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

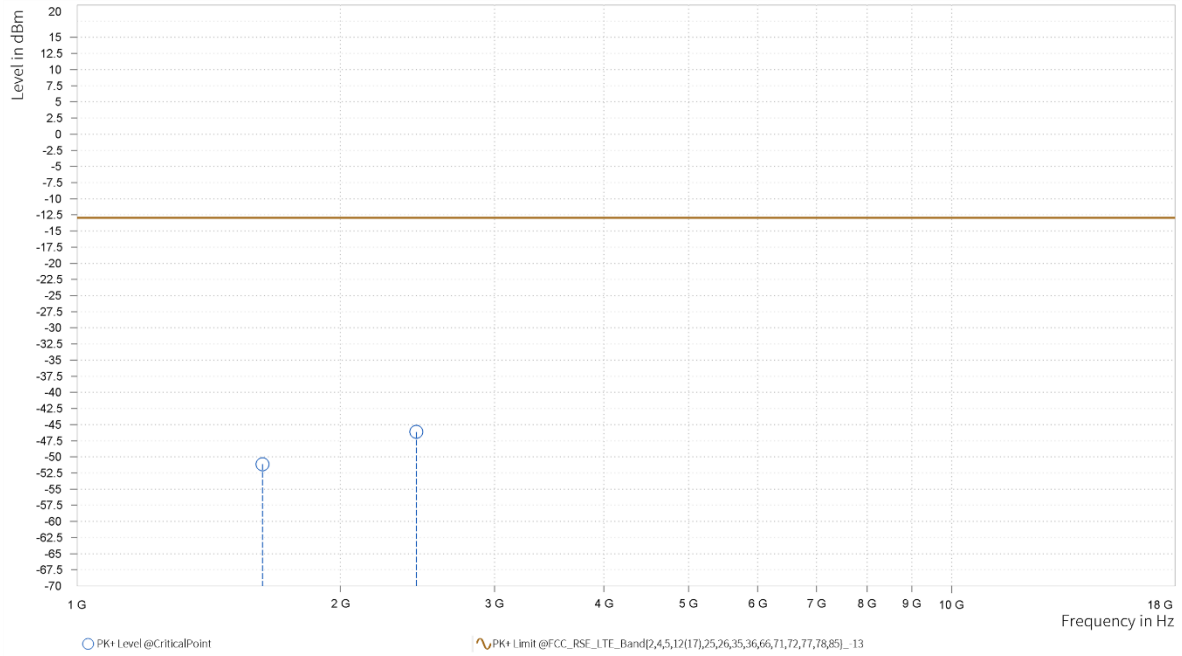
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,628.140	-50.70	-13.00	37.70	17.98	H	359	2.00
3	2,442.500	-40.90	-13.00	27.90	24.53	H	132.2	1.00



CHANNEL BANDWIDTH	1.4MHz / QPSK	MODE	TX channel 26697
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

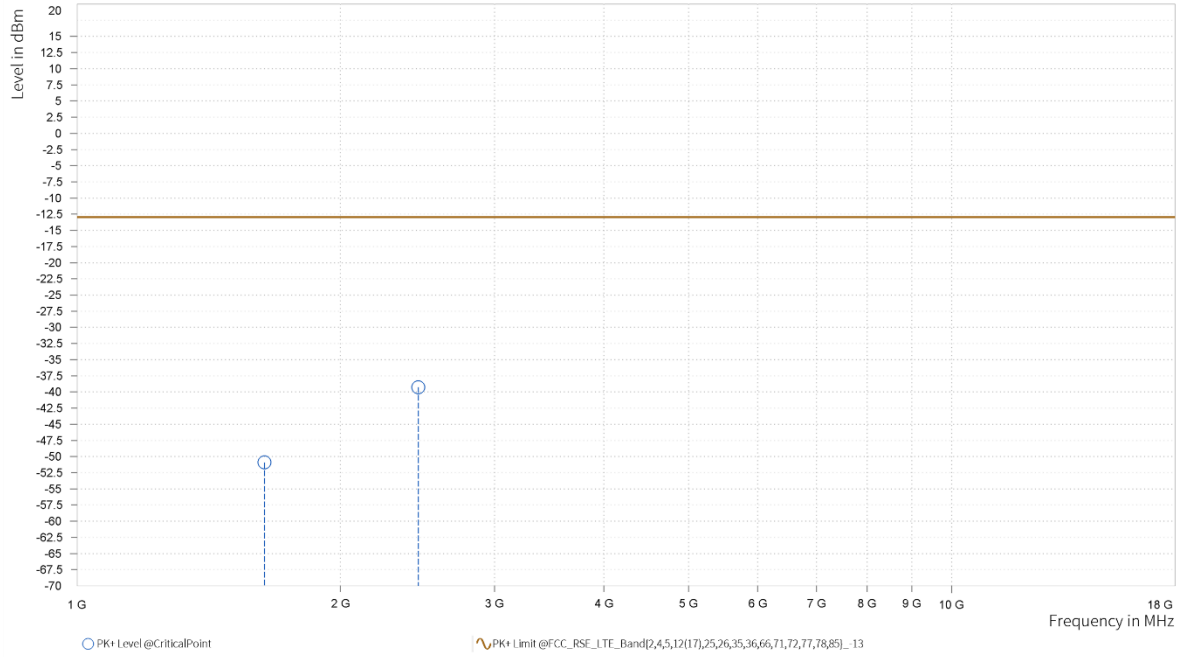
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,628.140	-51.13	-13.00	38.13	17.70	V	359	2.00
3	2,442.500	-46.12	-13.00	33.12	24.36	V	359	2.00



CHANNEL BANDWIDTH	1.4MHz / QPSK	**MODE**	TX channel 26740
FREQUENCY RANGE	Above 1000MHz	**ENVIRONMENTAL CONDITIONS**	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	**TESTED BY**	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

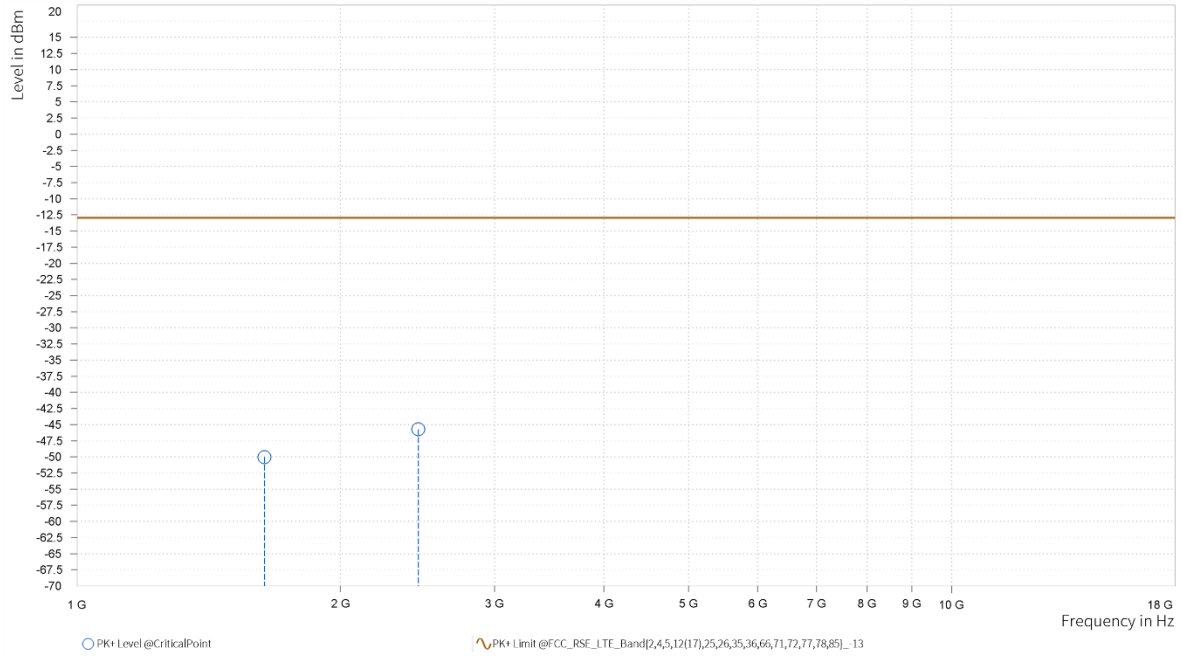
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,636.740	-50.91	-13.00	37.91	18.28	H	291.2	2.00
3	2,455.500	-39.26	-13.00	26.26	24.72	H	128.6	1.00



CHANNEL BANDWIDTH	1.4MHz / QPSK	MODE	TX channel 26740
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

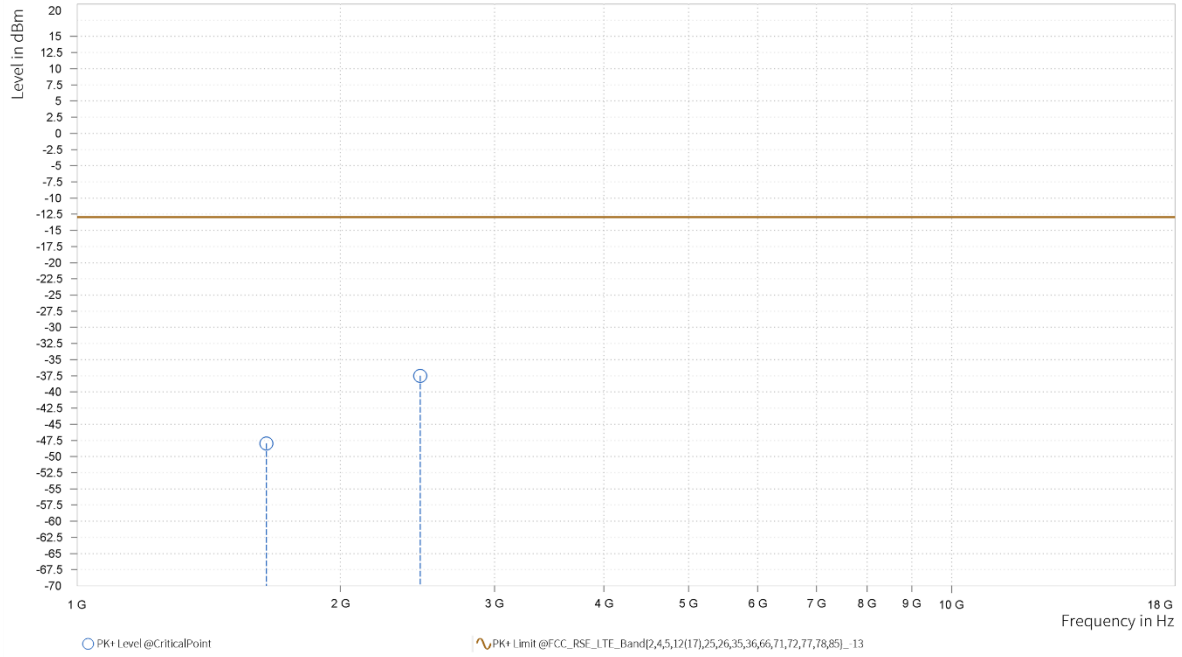
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,636.740	-50.02	-13.00	37.02	17.90	V	2.3	2.00
3	2,455.110	-45.73	-13.00	32.73	24.47	V	1	2.00



CHANNEL BANDWIDTH	1.4MHz / QPSK	MODE	TX channel 26783
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

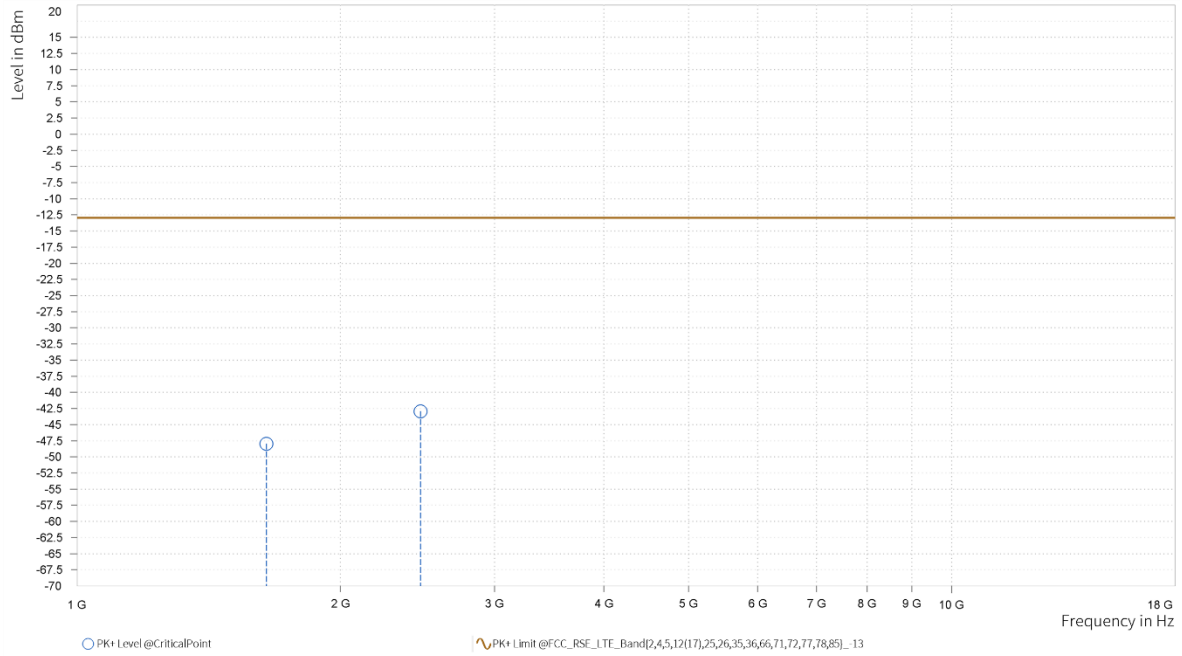
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,646.000	-47.96	-13.00	34.96	18.58	H	359	2.00
3	2,468.000	-37.50	-13.00	24.50	24.52	H	224.3	2.00



CHANNEL BANDWIDTH	1.4MHz / QPSK	MODE	TX channel 26783
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

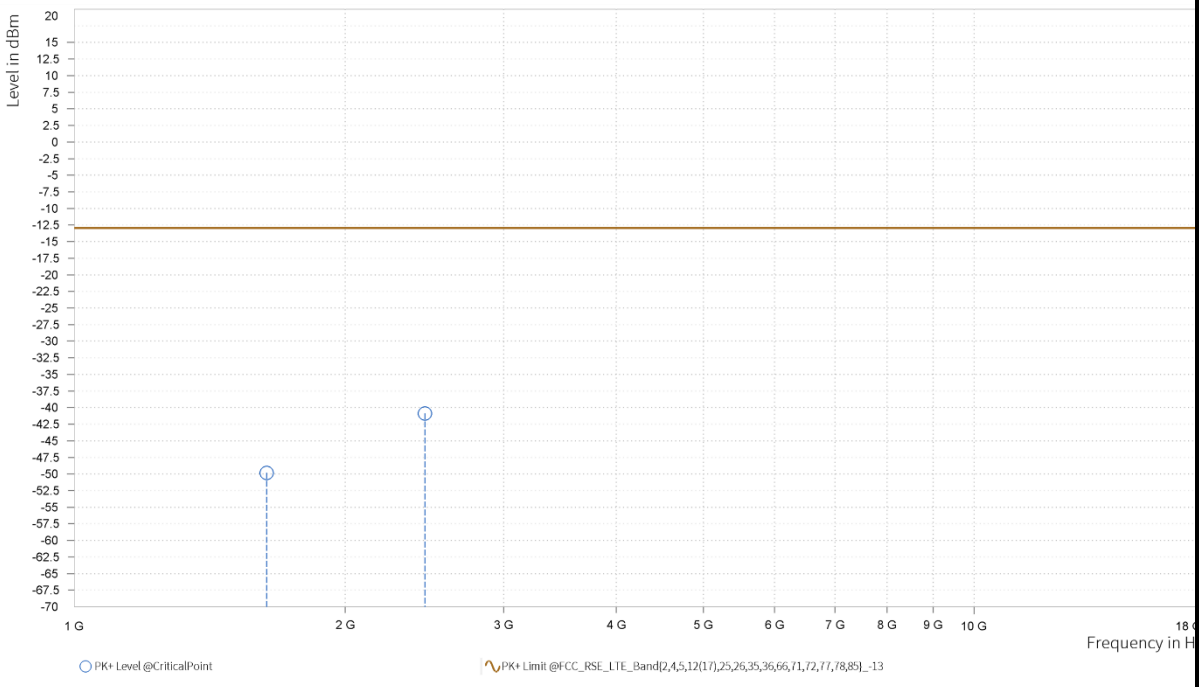
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,646.000	-47.97	-13.00	34.97	18.08	V	358.2	1.00
3	2,468.500	-42.95	-13.00	29.95	24.22	V	1	1.00



CHANNEL BANDWIDTH	3MHz / QPSK	MODE	TX channel 26740
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

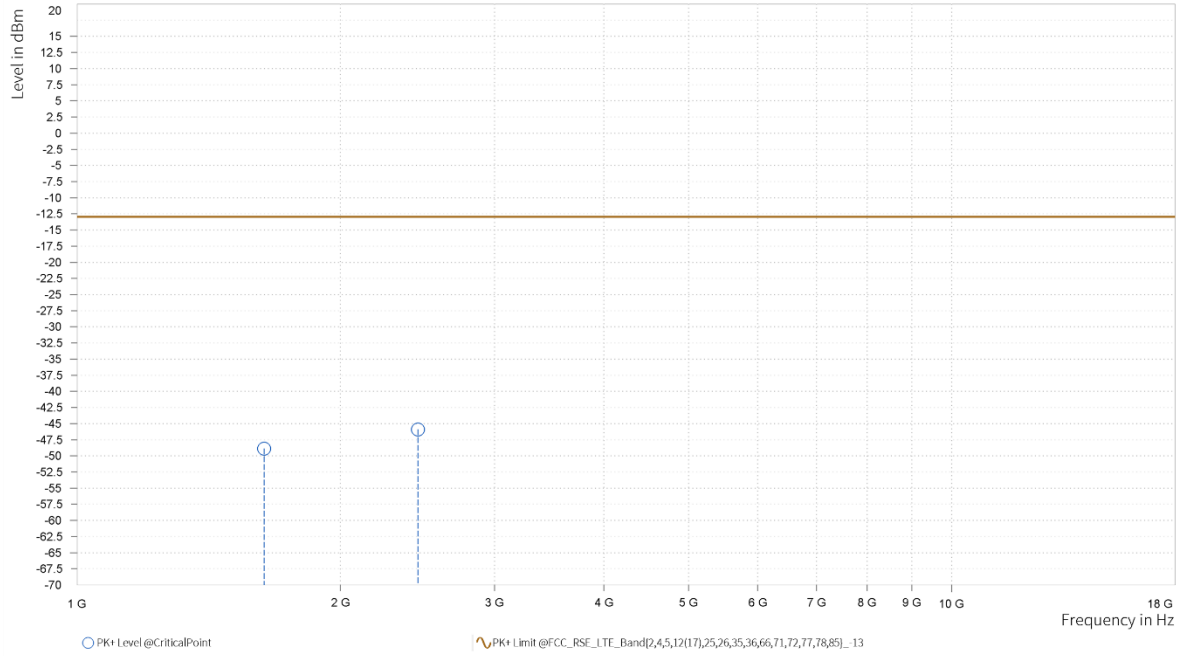
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,635.300	-49.83	-13.00	36.83	18.24	H	293.5	2.00
3	2,453.000	-40.86	-13.00	27.86	24.59	H	141.8	1.00



CHANNEL BANDWIDTH	3MHz / QPSK	MODE	TX channel 26740
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

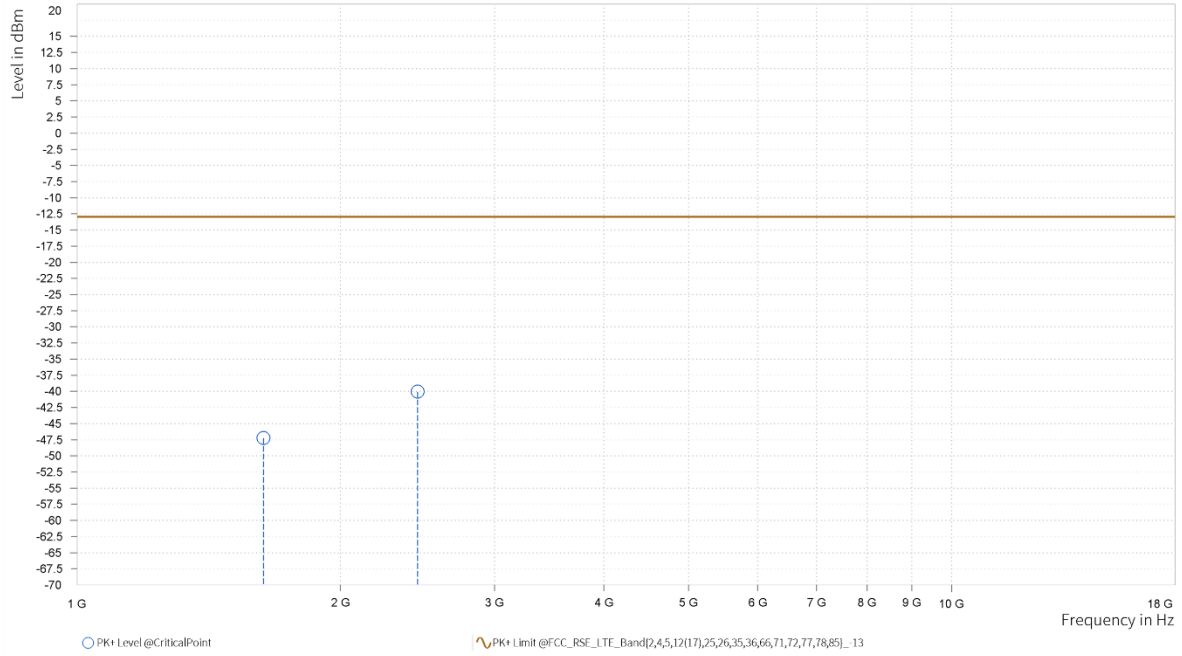
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,635.300	-48.86	-13.00	35.86	17.87	V	359	2.00
3	2,453.000	-45.89	-13.00	32.89	24.38	V	133.4	1.00



CHANNEL BANDWIDTH	5MHz / QPSK	MODE	TX channel 26740
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

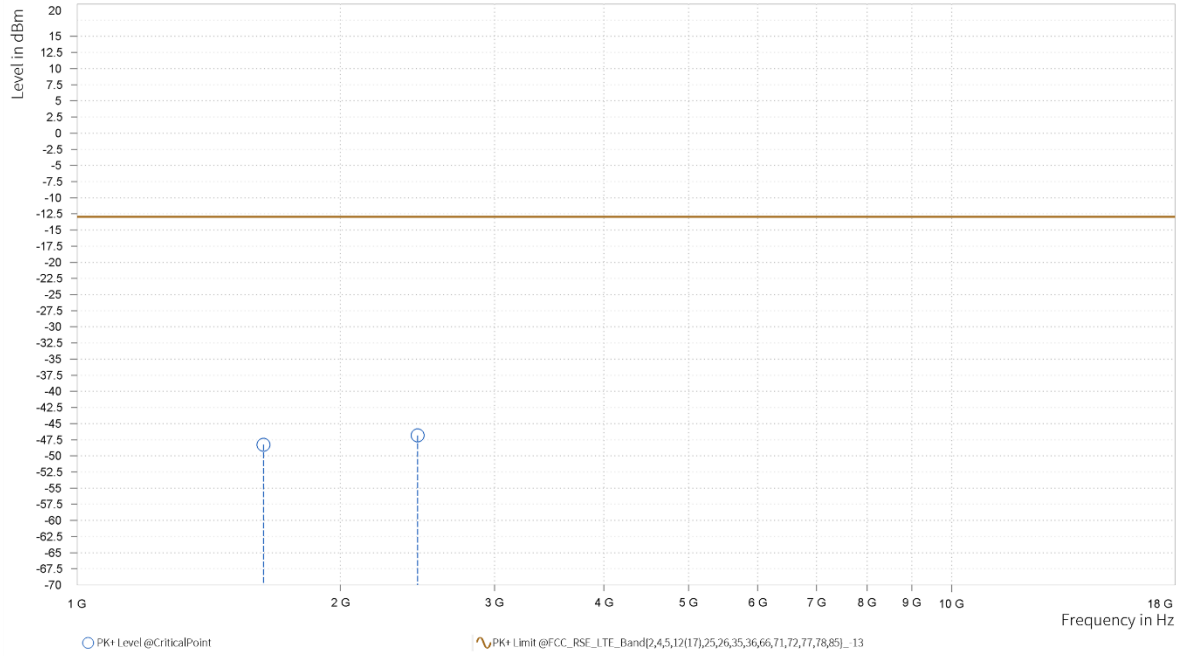
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,633.500	-47.24	-13.00	34.24	18.18	H	111.8	1.00
3	2,450.250	-40.05	-13.00	27.05	24.47	H	218.3	2.00



CHANNEL BANDWIDTH	5MHz / QPSK	MODE	TX channel 26740
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

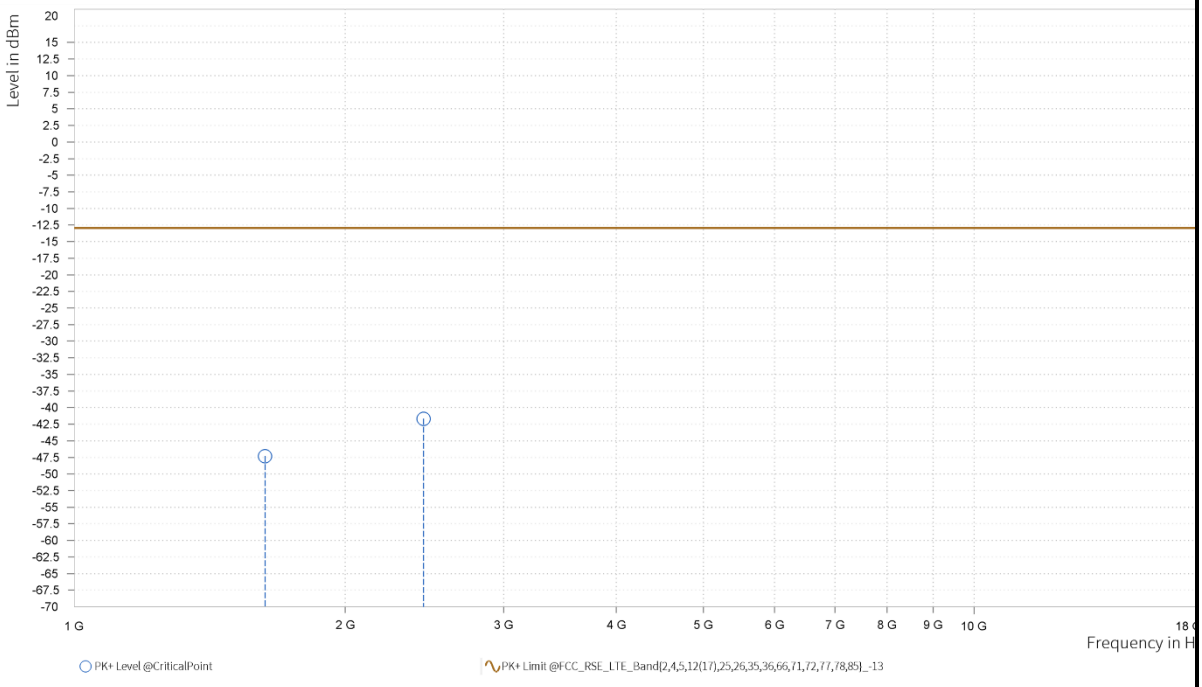
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,633.500	-48.28	-13.00	35.28	17.83	V	359	2.00
3	2,450.250	-46.84	-13.00	33.84	24.24	V	359	2.00



CHANNEL BANDWIDTH	10MHz / QPSK	**MODE**	TX channel 26740
FREQUENCY RANGE	Above 1000MHz	**ENVIRONMENTAL CONDITIONS**	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	**TESTED BY**	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

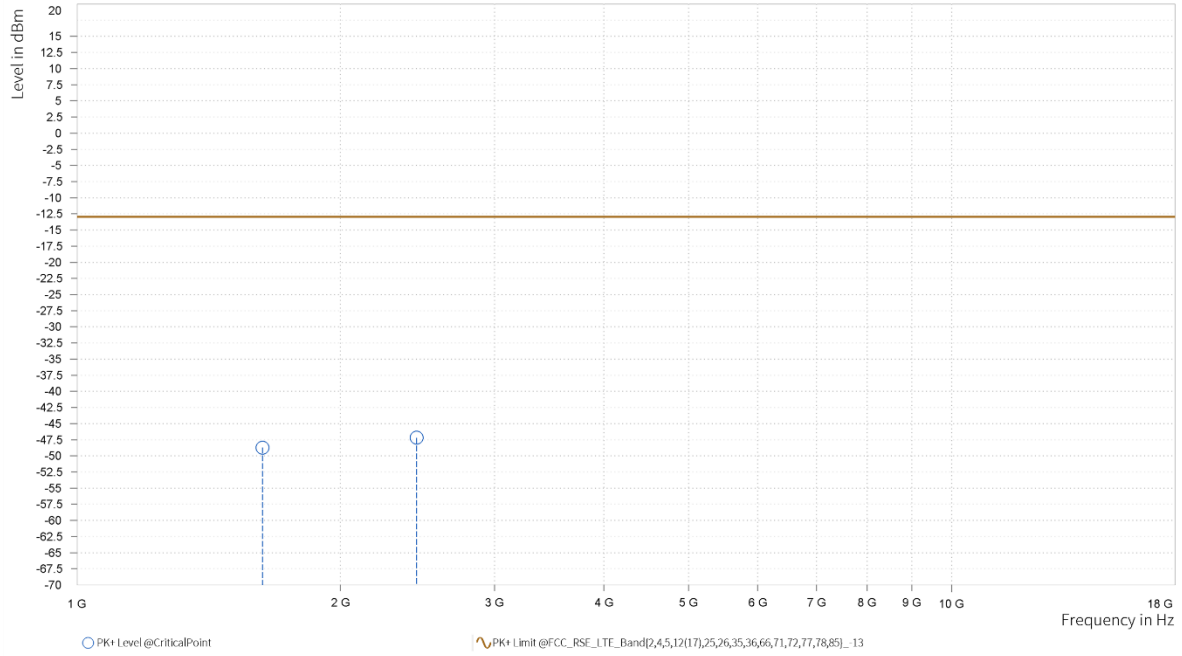
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,629.000	-47.32	-13.00	34.32	18.00	H	75.9	1.00
3	2,443.500	-41.67	-13.00	28.67	24.52	H	215.9	2.00



CHANNEL BANDWIDTH	10MHz / QPSK	MODE	TX channel 26740
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,629.000	-48.72	-13.00	35.72	17.70	V	359.1	1.00
3	2,443.500	-47.18	-13.00	34.18	24.34	V	359	2.00

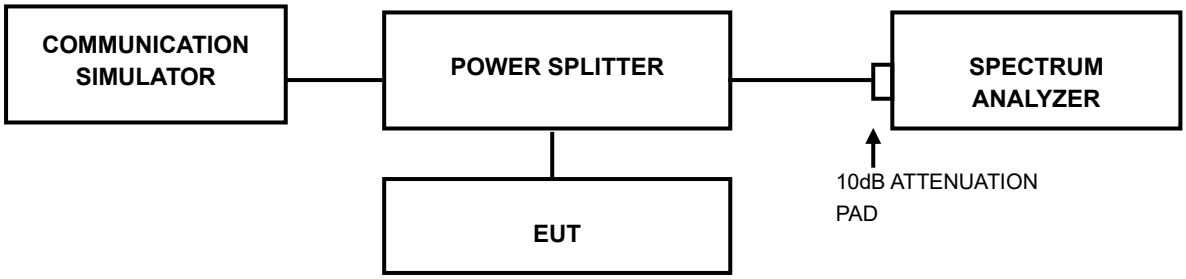


3.7 PEAK TO AVERAGE RATIO

3.7.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT

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

3.7.2 TEST SETUP



3.7.3 TEST PROCEDURES

1. Set resolution/measurement bandwidth ≥ signal's occupied bandwidth;
2. Set the number of counts to a value that stabilizes the measured CCDF curve;
3. Record the maximum PAPR level associated with a probability of 0.1%.

3.7.4 TEST RESULTS

Please Refer to Appendix of this test report.

4 INFORMATION ON THE TESTING LABORATORIES

We, Huarui 7layers High Technology (Suzhou) Co., Ltd. ,were founded in 2020 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

Huarui 7Layers High Technology (Suzhou) Co., Ltd.
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Accredited Test Lab Cert 6613.01

If you have any comments, please feel free to contact us at the following:

Suzhou EMC/RF Lab:
Tel: +86 (0557) 368 1008

5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No modifications were made to the EUT by the lab during the test.

6 APPENDIX

LTE Band 26

Peak-to-Average Ratio(CCDF)

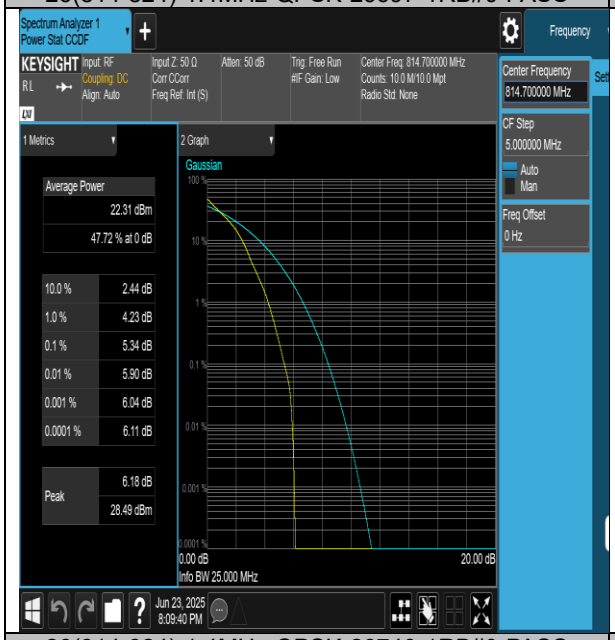
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
26(814-824)	1.4MHz	QPSK	26697	1RB#0	5.34	13	PASS
26(814-824)	1.4MHz	QPSK	26697	6RB#0	5.54	13	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	5.67	13	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	5.71	13	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	5.46	13	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	5.72	13	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	6.16	13	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	6.31	13	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	6.17	13	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	6.45	13	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	6.73	13	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	6.49	13	PASS
26(814-824)	5MHz	QPSK	26705	1RB#0	5.46	13	PASS
26(814-824)	5MHz	QPSK	26705	25RB#0	5.64	13	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	5.77	13	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	5.71	13	PASS
26(814-824)	5MHz	QPSK	26775	1RB#0	5.38	13	PASS
26(814-824)	5MHz	QPSK	26775	25RB#0	5.73	13	PASS
26(814-824)	5MHz	16QAM	26705	1RB#0	5.83	13	PASS
26(814-824)	5MHz	16QAM	26705	25RB#0	6.29	13	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	6.29	13	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	6.35	13	PASS
26(814-824)	5MHz	16QAM	26775	1RB#0	5.93	13	PASS
26(814-824)	5MHz	16QAM	26775	25RB#0	6.40	13	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	5.42	13	PASS
26(814-	10MHz	QPSK	26740	50RB#0	5.56	13	PASS

824)							
26(814-824)	10MHz	16QAM	26740	1RB#0	6.32	13	PASS
26(814-824)	10MHz	16QAM	26740	27RB#0	6.29	13	PASS

Test Graphs

26(814-824)-1.4MHz-QPSK-26697-1RB#0-PASS



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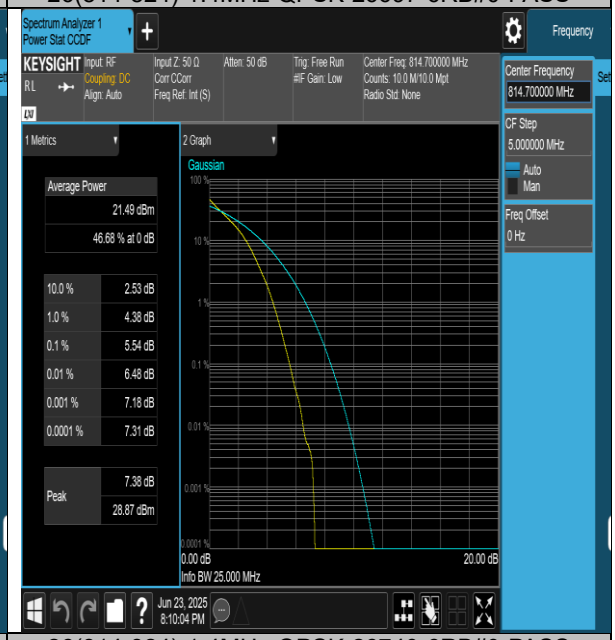

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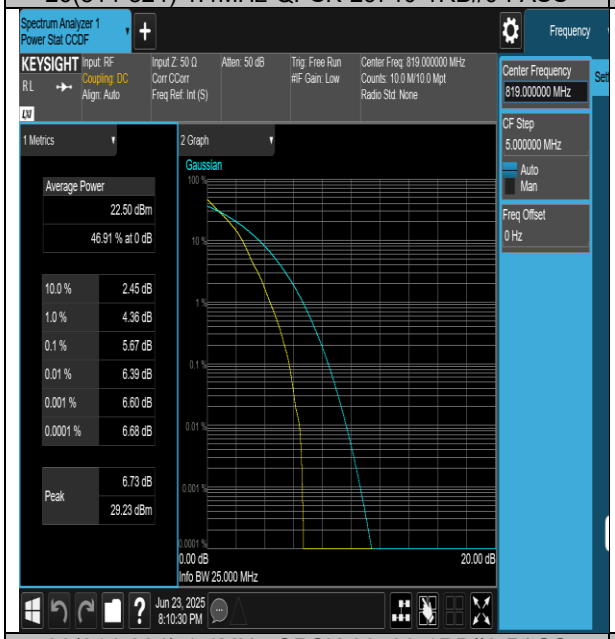
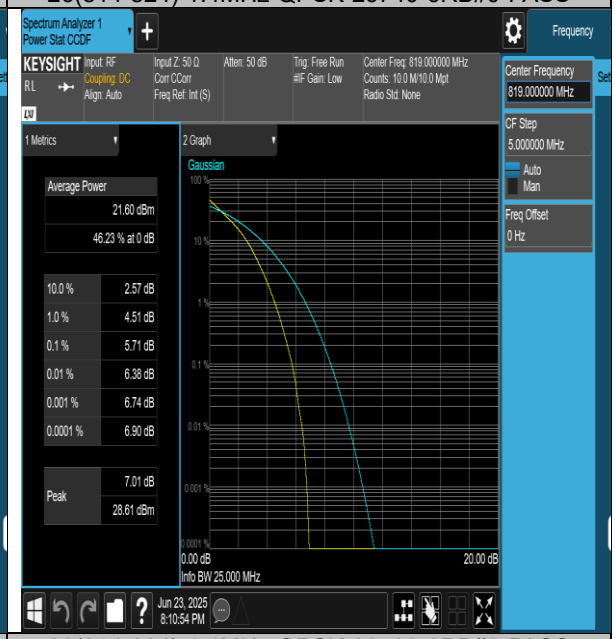
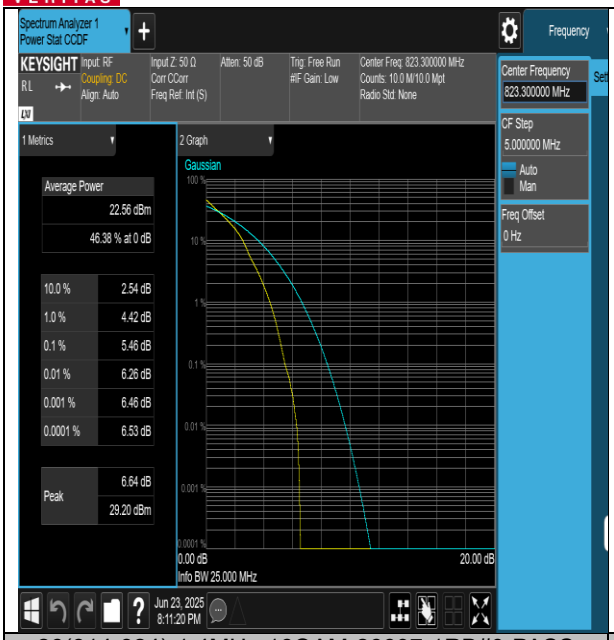


26(814-824)-1.4MHz-QPSK-26740-6RB#0-PASS



26(814-824)-1.4MHz-QPSK-26783-1RB#0-PASS

26(814-824)-1.4MHz-QPSK-26783-6RB#0-PASS



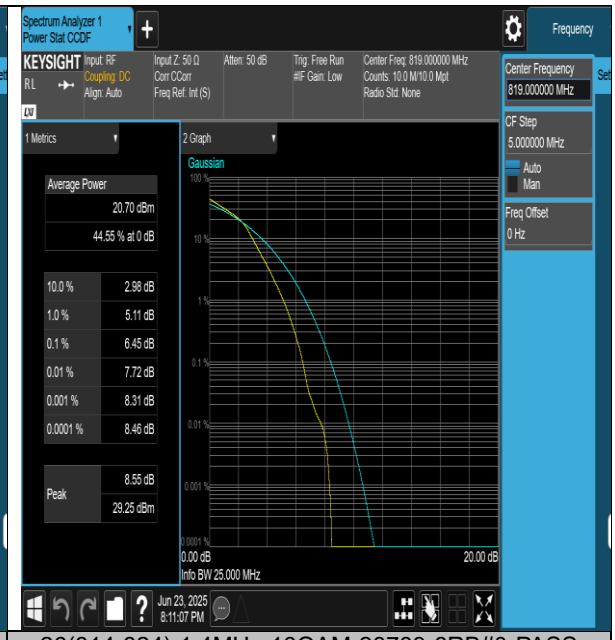
26(814-824)-1.4MHz-16QAM-26697-1RB#0-PASS

26(814-824)-1.4MHz-16QAM-26697-6RB#0-PASS

26(814-824)-1.4MHz-16QAM-26740-1RB#0-PASS

26(814-824)-1.4MHz-16QAM-26740-6RB#0-PASS

26(814-824)-1.4MHz-16QAM-26783-1RB#0-PASS



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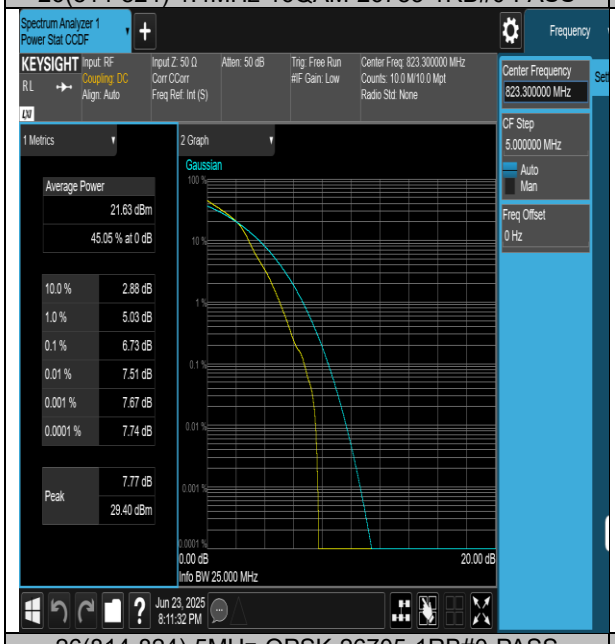
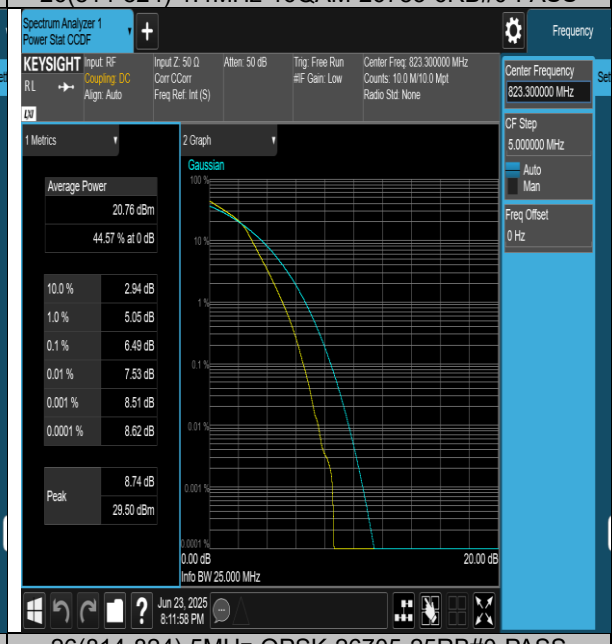


26(814-824)-5MHz-QPSK-26705-1RB#0-PASS



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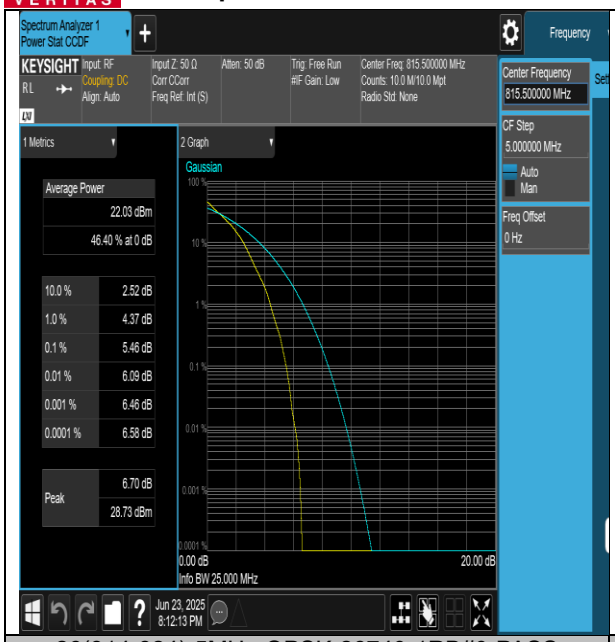
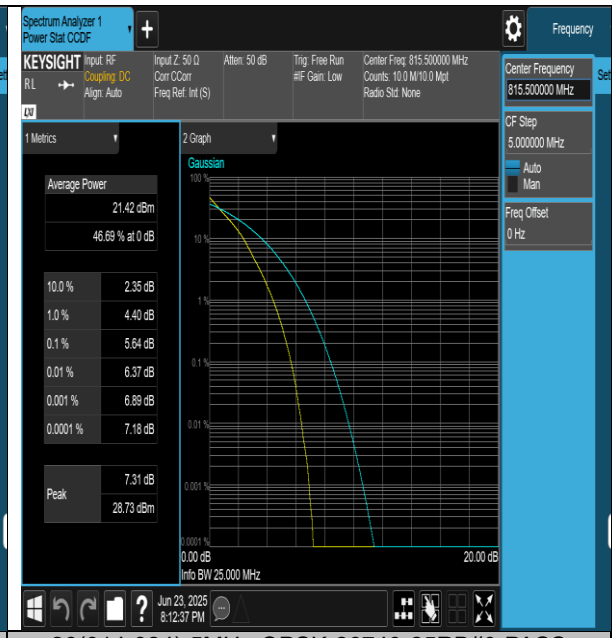


26(814-824)-5MHz-QPSK-26740-1RB#0-PASS



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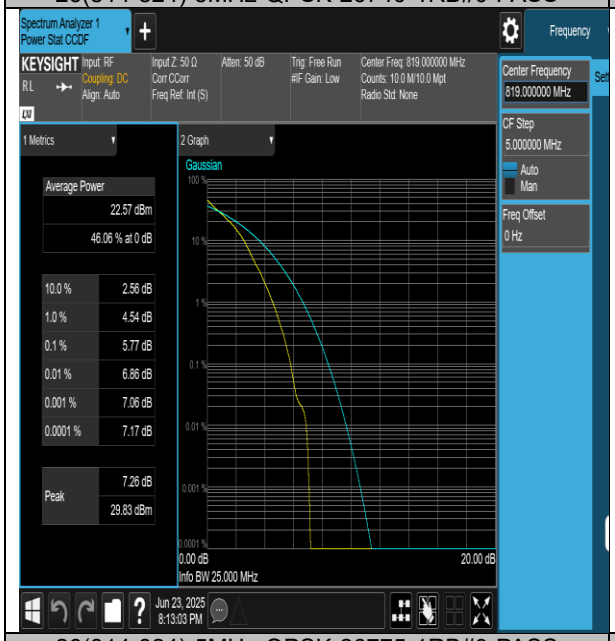
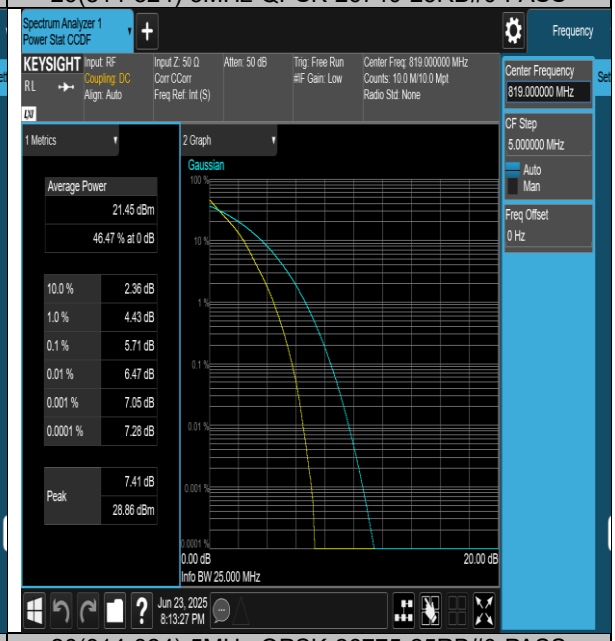
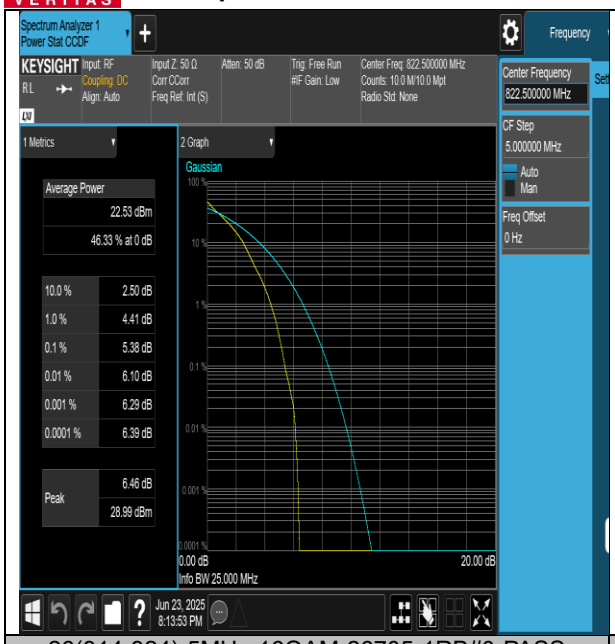


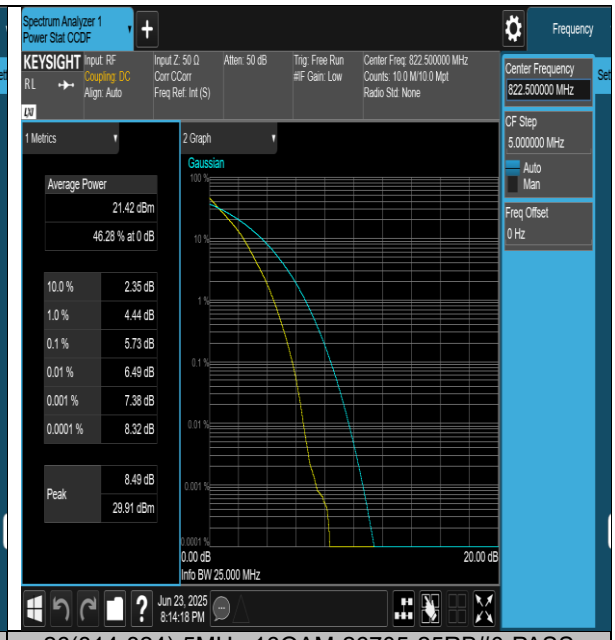
26(814-824)-5MHz-QPSK-26775-1RB#0-PASS



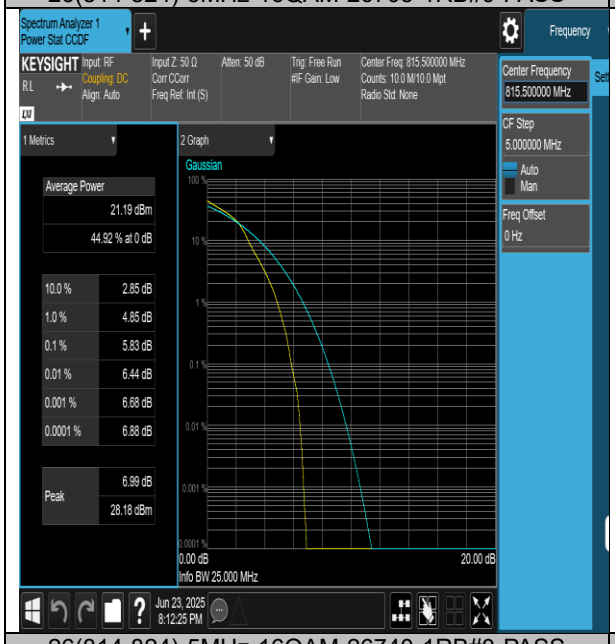
26(814-824)-5MHz-QPSK-26775-25RB#0-PASS



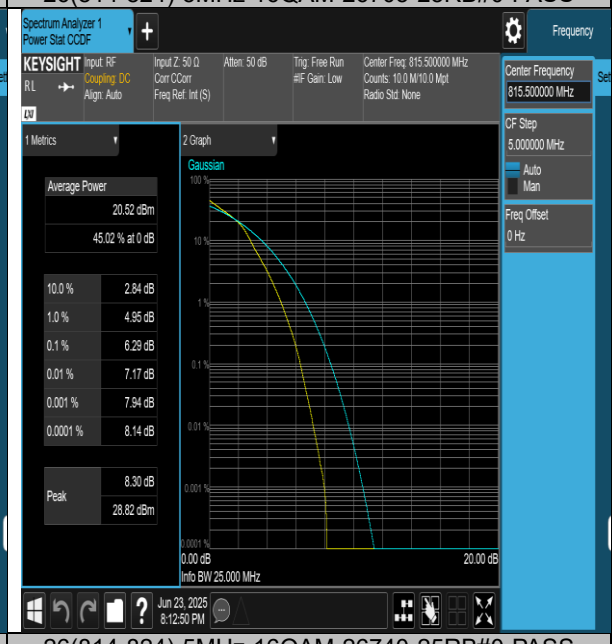
26(814-824)-5MHz-16QAM-26705-1RB#0-PASS



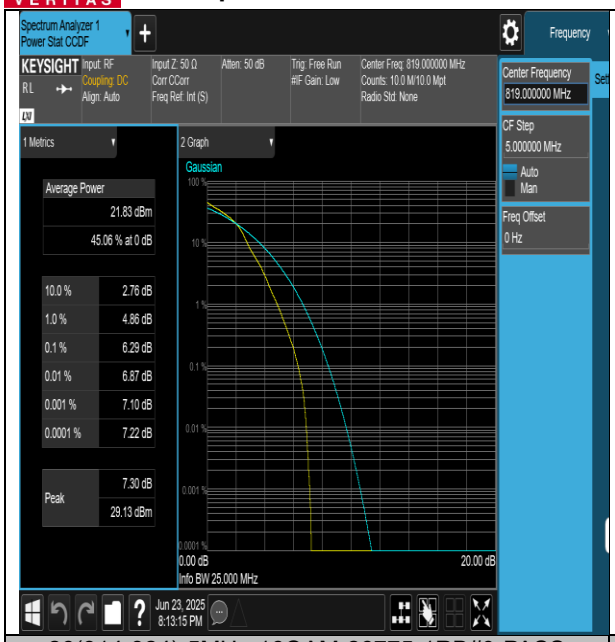
26(814-824)-5MHz-16QAM-26705-25RB#0-PASS



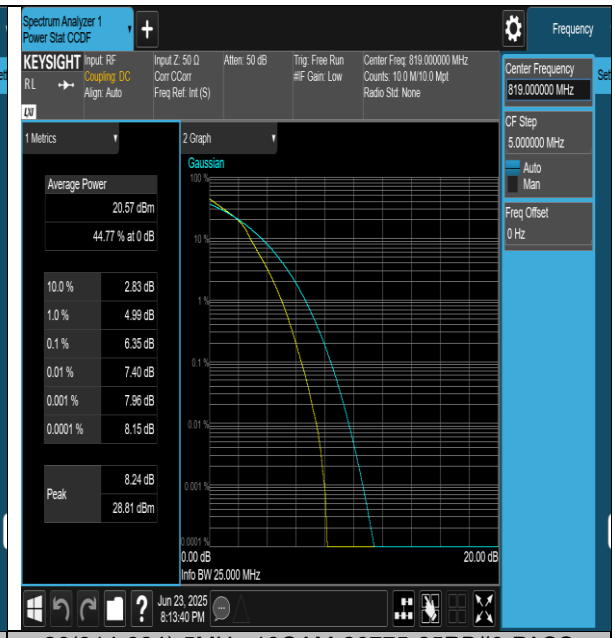
26(814-824)-5MHz-16QAM-26740-1RB#0-PASS



26(814-824)-5MHz-16QAM-26740-25RB#0-PASS

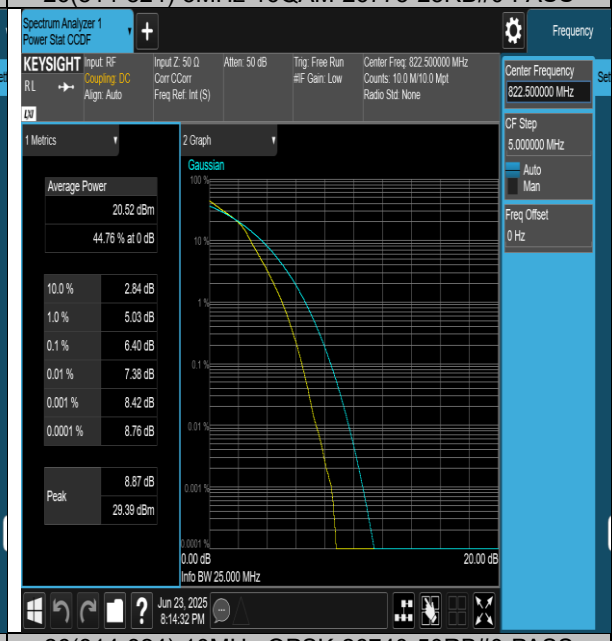


26(814-824)-5MHz-16QAM-26775-1RB#0-PASS

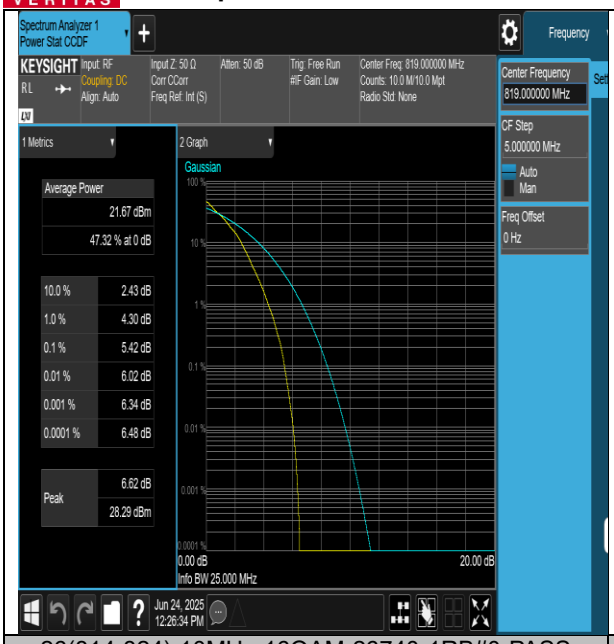


26(814-824)-5MHz-16QAM-26775-25RB#0-PASS

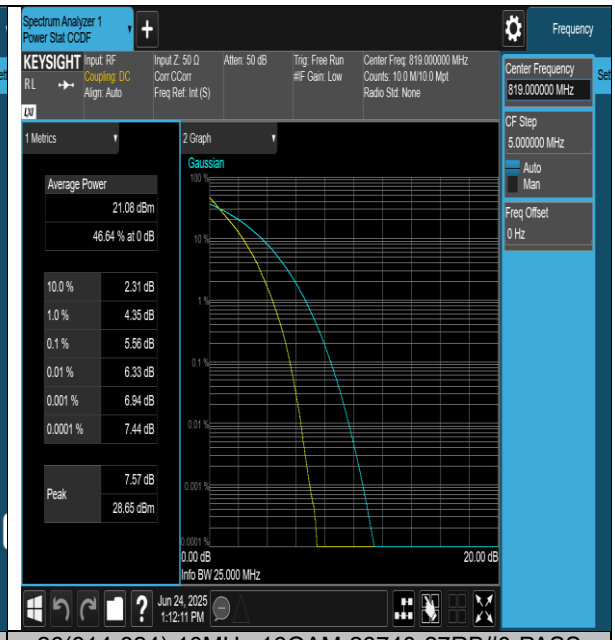
26(814-824)-10MHz-QPSK-26740-1RB#0-PASS



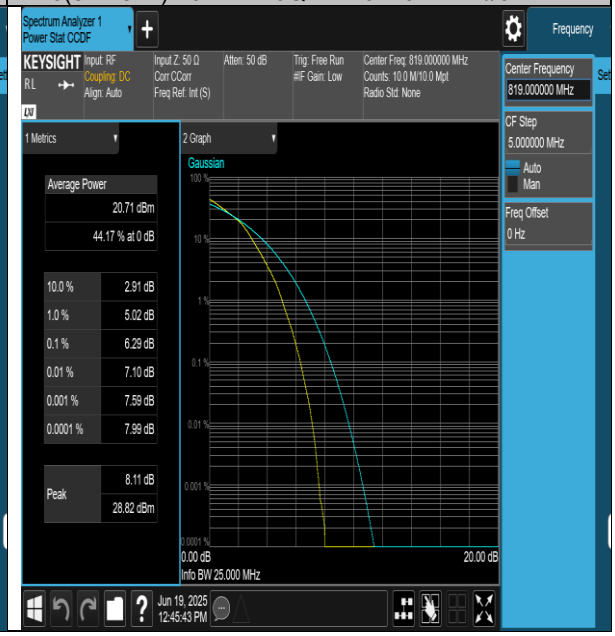
26(814-824)-10MHz-QPSK-26740-50RB#0-PASS



26(814-824)-10MHz-16QAM-26740-1RB#0-PASS



26(814-824)-10MHz-16QAM-26740-27RB#0-PASS



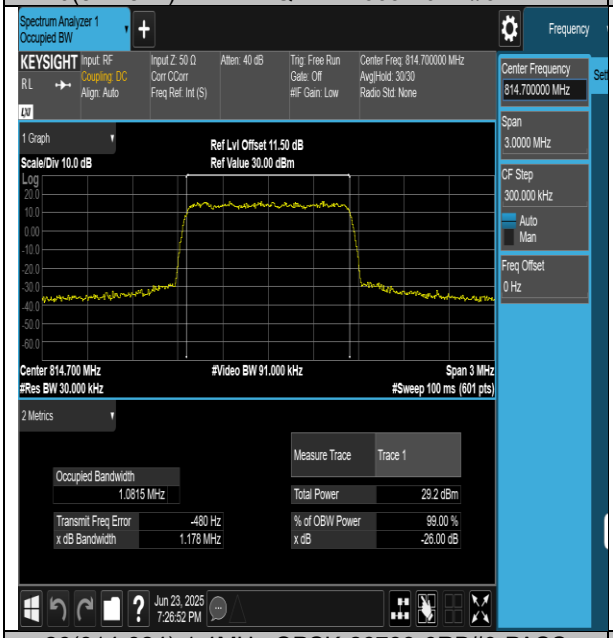
26dB Bandwidth and Occupied Bandwidth

Test Result

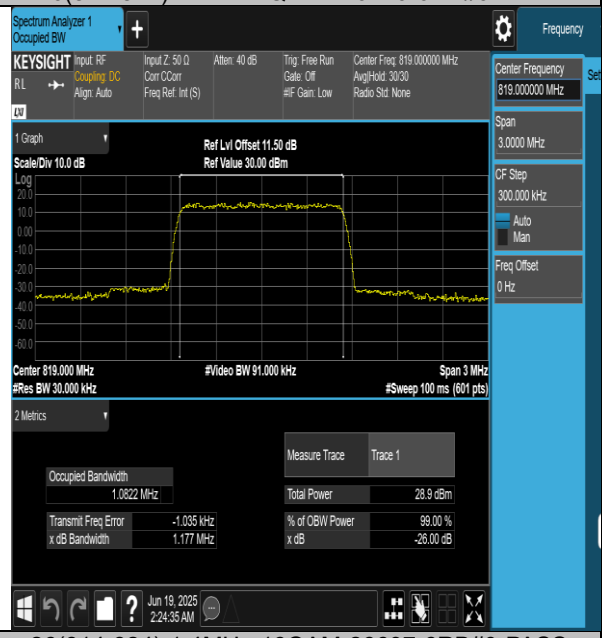
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.0815	1.178	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.0822	1.177	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.0803	1.177	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.0846	1.180	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.0860	1.179	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.0844	1.178	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	2.6864	2.846	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	2.6823	2.847	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	2.6841	2.845	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	2.6785	2.842	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	2.6806	2.840	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	2.6783	2.844	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	4.5006	4.846	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	4.4932	4.833	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	4.4990	4.850	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	4.4901	4.828	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	4.4947	4.843	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	4.5137	4.841	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	8.9458	9.645	PASS
26(814-824)	10MHz	16QAM	26740	27RB#0	4.9161	6.023	PASS

Test Graphs

26(814-824)-1.4MHz-QPSK-26697-6RB#0-PASS



26(814-824)-1.4MHz-QPSK-26740-6RB#0-PASS



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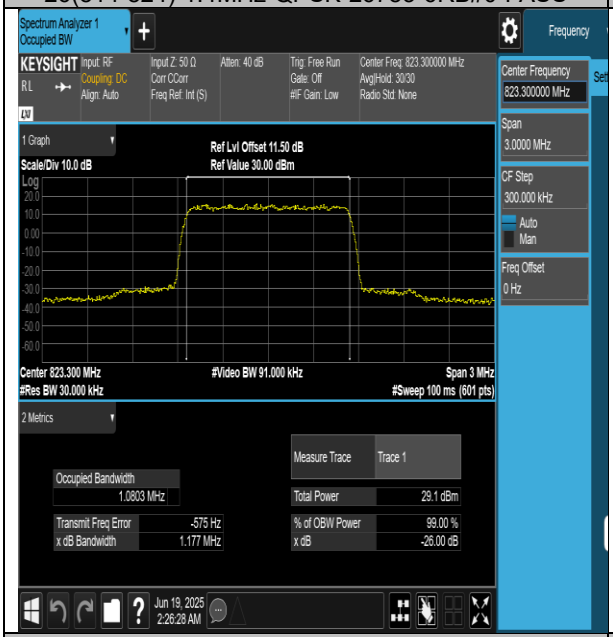
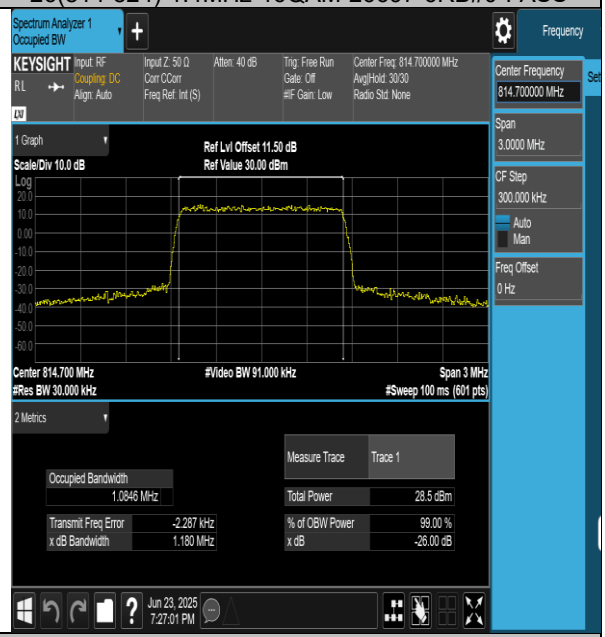
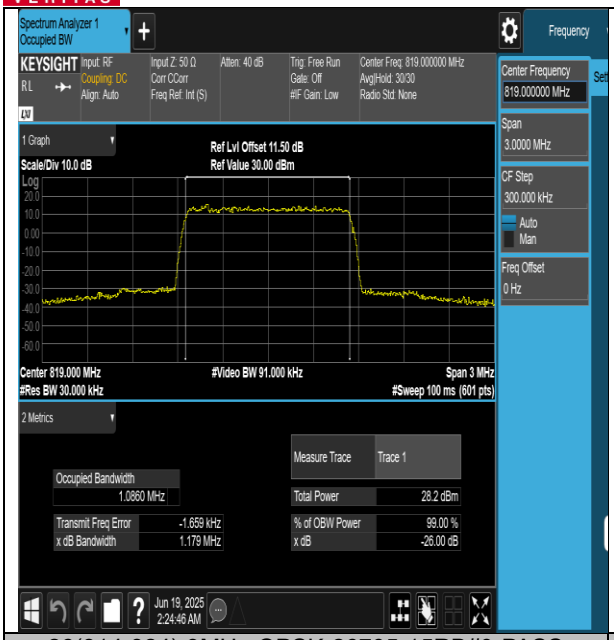


26(814-824)-1.4MHz-16QAM-26697-6RB#0-PASS

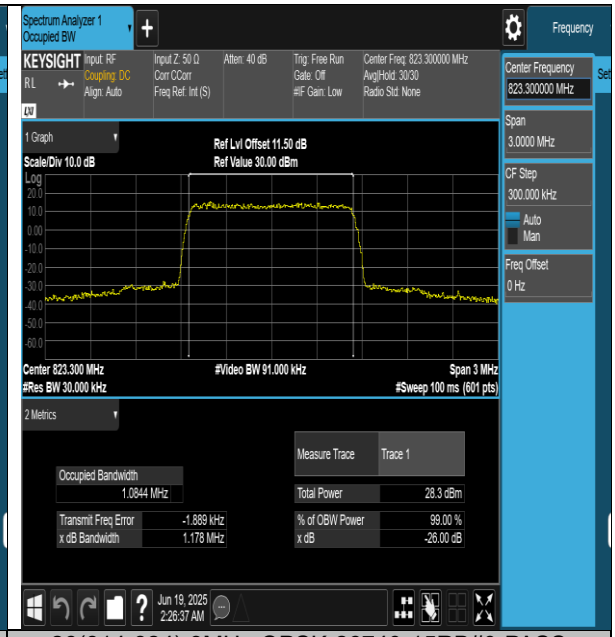


26(814-824)-1.4MHz-16QAM-26740-6RB#0-PASS

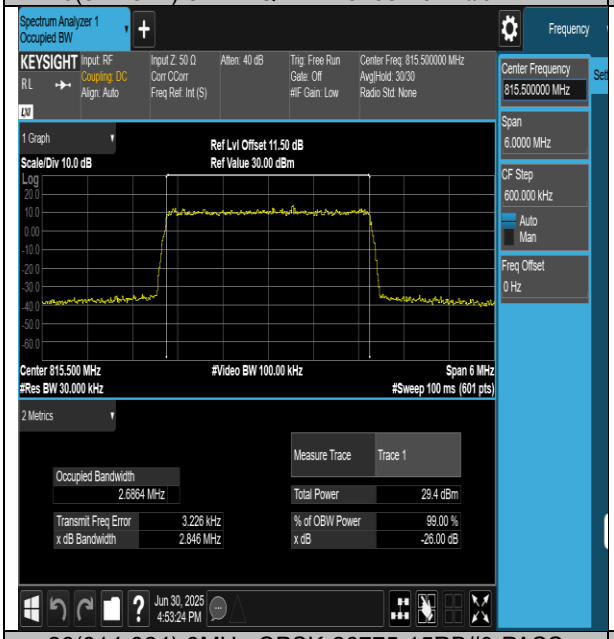
26(814-824)-1.4MHz-16QAM-26783-6RB#0-PASS



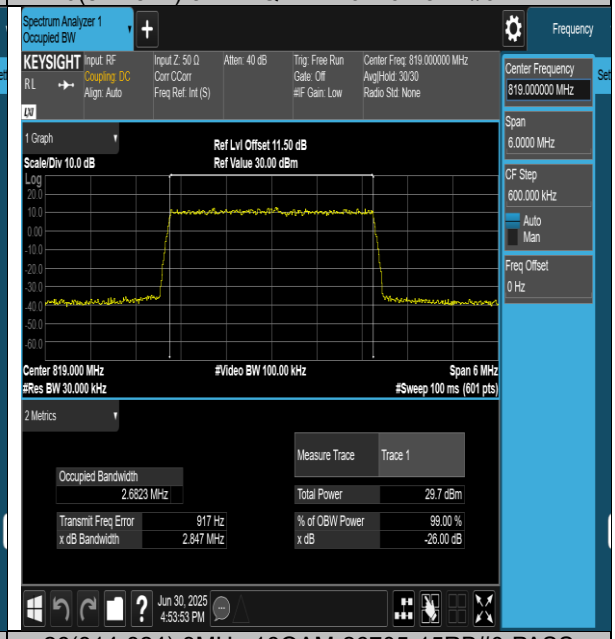
26(814-824)-3MHz-QPSK-26705-15RB#0-PASS



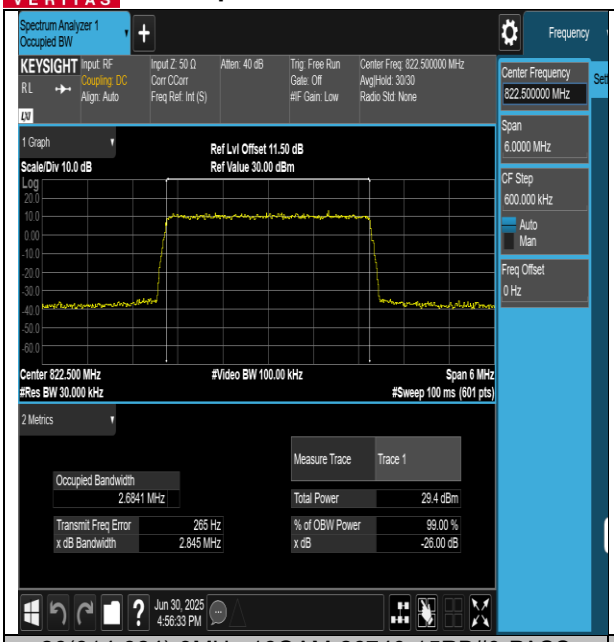
26(814-824)-3MHz-QPSK-26740-15RB#0-PASS



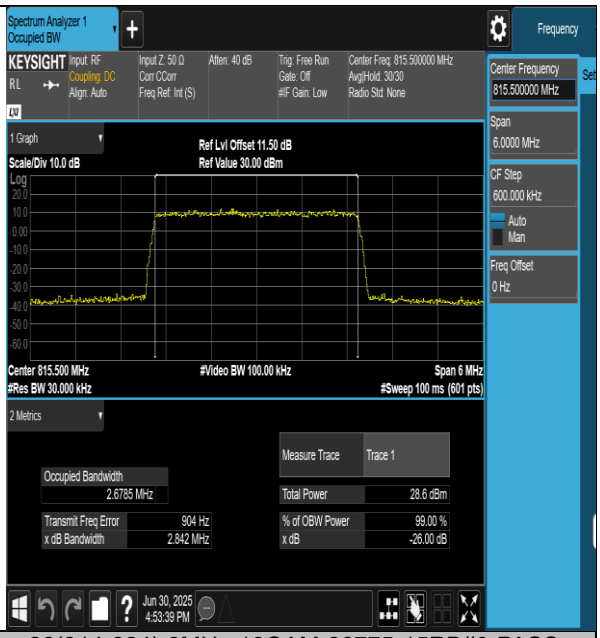
26(814-824)-3MHz-QPSK-26775-15RB#0-PASS



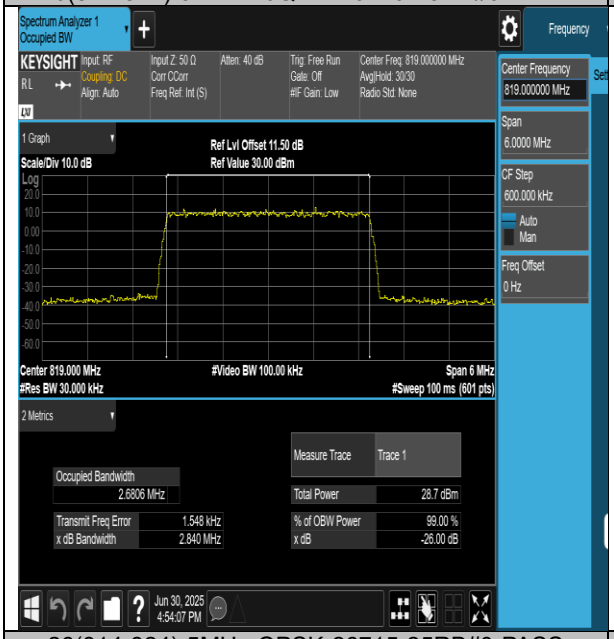
26(814-824)-3MHz-16QAM-26705-15RB#0-PASS



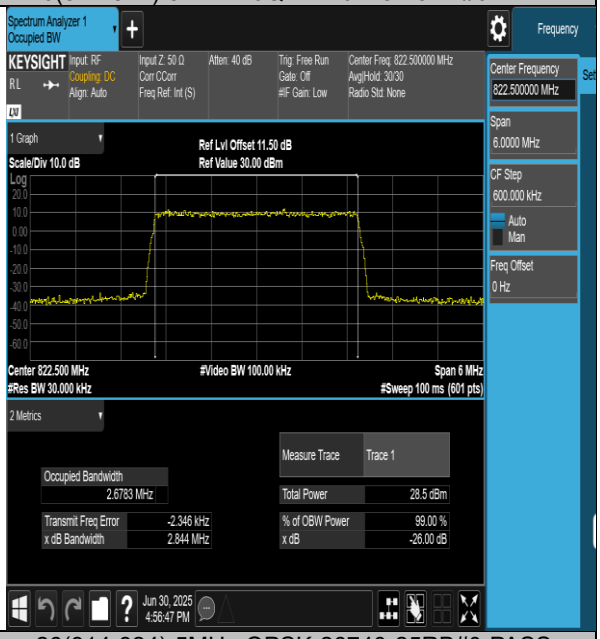
26(814-824)-3MHz-16QAM-26740-15RB#0-PASS



26(814-824)-3MHz-16QAM-26775-15RB#0-PASS



26(814-824)-5MHz-QPSK-26715-25RB#0-PASS



26(814-824)-5MHz-QPSK-26740-25RB#0-PASS