



FCC TEST REPORT (PART 22)

Applicant:	Xiaomi Communications Co., Ltd.
Address:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

Manufacturer or Supplier:	Xiaomi Communications Co., Ltd.
Address:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Product:	Mobile Phone
Brand Name:	POCO
Model Name:	25053PC47G
FCC ID	2AFZZPC47G
Date of tests	Feb. 13, 2025-Mar. 26, 2025

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

- | | |
|--|--|
| <input checked="" type="checkbox"/> FCC PART 22, Subpart H | <input checked="" type="checkbox"/> FCC Part 2 |
| <input checked="" type="checkbox"/> ANSI/TIA/EIA-603-D | <input checked="" type="checkbox"/> ANSI C63.26-2015 |
| <input checked="" type="checkbox"/> ANSI/TIA/EIA-603-E | |

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: Mar. 26, 2025	Date: Mar. 26, 2025

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



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BUREAU
VERITAS

Test Report No.: PSZ-QBJ2501200112RF01

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
PSZ-QBJ2501200112RF01	Original release	Mar. 26, 2025



1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC Part 22 & Part 2			
STANDARD SECTION	TEST TYPE	RESULT	Test lab*
§2.1046	Conducted Output Power	Compliance	A
§22.913 (a)(5)	Equivalent Isotropic Radiated Power	Compliance	A
§2.1055 §22.355	Frequency Stability	Compliance	A
§2.1049	Occupied Bandwidth	Compliance	A
§22.913 (d)	Peak to average ratio*	Compliance	A
§2.1051 §22.917(a)	Band Edge Measurements	Compliance	A
§2.1051 §22.917(a)	Conducted Spurious Emissions	Compliance	A
§2.1053 §22.917(a)	Radiated Spurious Emissions	Compliance	A

* Refer to KDB 971168 D01 Power Meas License Digital Systems v03r01.

*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

Accredited Test Lab Cert 6613.01

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

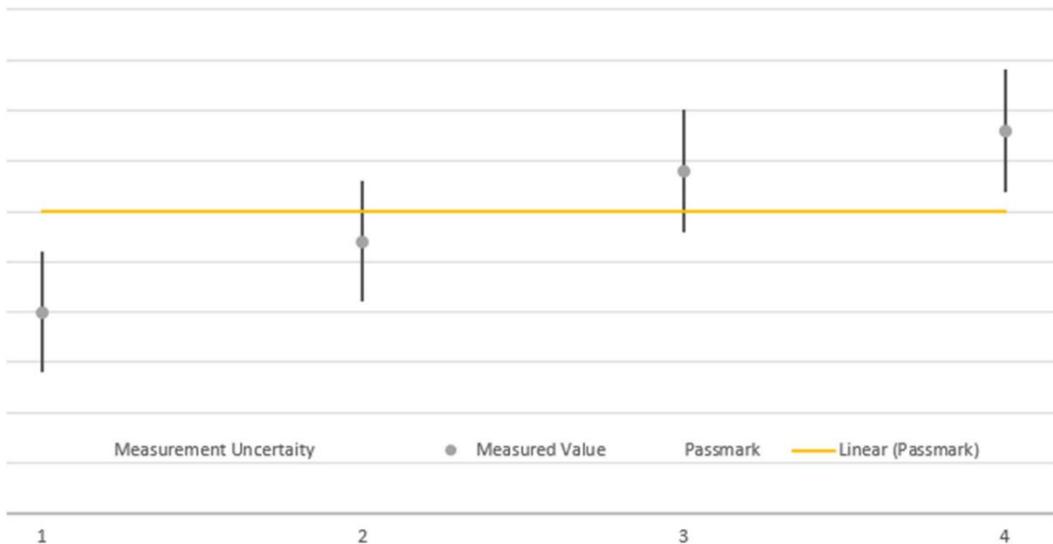


1.1 MEASUREMENT UNCERTAINTY

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

MEASUREMENT	UNCERTAINTY
Maximum Peak Output Power	±2.06dB
Frequency Stability	±76.97Hz
Radiated emissions (9KHz~30MHz)	±2.68dB
Radiated emissions (30MHz~1GHz)	±4.98dB
Radiated emissions (1GHz ~6GHz)	±4.70dB
Radiated emissions (6GHz ~18GHz)	±4.60dB
Radiated emissions (18GHz ~40GHz)	±4.12dB
Conducted emissions	±4.01dB
Occupied Channel Bandwidth	±43.58KHz
Band Edge Measurements	±4.70dB
Peak to average ratio	±0.76dB

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.29,24	Aug.28,26
Pre-Amplifier	R&S	SCU08F1	101028	Sep.15,24	Sep.14,26
Vector Signal Generator	R&S	SMBV100B	102176	Feb.15,24	Feb.14,26
Signal Generator	R&S	SMB100A	182185	Feb.15,24	Feb.14,26
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	Feb.24,24	Feb.23,26
EMI TEST Receiver	R&S	ESW44	101973	Feb.24,24	Feb.23,26
Bilog Antenna	SCHWARZBECK	VULB 9163	1264	Feb.27,24	Feb.26,26
Horn Antenna	ETS-LINDGREN	3117	227836	Aug.21,24	Aug.20,26
Horn Antenna (18GHz-40GHz)	Steatite Q-par Antennas	QMS 00880	23486	Feb.22,24	Feb.21,26
Horn Antenna	Steatite Q-par Antennas	QMS 00208	23485	Aug.21,24	Aug.20,26
Loop Antenna	SCHWARZ	HFH2-Z2/Z2E	100976	Feb.22,24	Feb.21,26
WIDEBANDRADIO COMMUNICATION TESTER	R&S	CMW500	169399	Jun.26,24	Jun.25,26
Test Software	EMC32	EMC32	N/A	N/A	N/A
Test Software	ELEKTRA	ELEKTRA4.32	N/A	N/A	N/A
Open Switch and Control Unit	R&S	OSP220	101964	Sep.30,24	Sep.39,26
DC Source	HYELEC	HY3010B	551016	Aug.30,24	Aug.29,26
Hygrothermograph	DELI	20210528	SZ014	Sep.05,24	Sep.04,26
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.26,24	Oct.25,25
CABLE	R&S	W12.14	N/A	Apr.26,24	Oct.25,25
CABLE	R&S	J12J103539-00-1	SEP-03-20-069	Apr.26,24	Oct.25,25
CABLE	R&S	J12J103539-00-1	SEP-03-20-070	Apr.26,24	Oct.25,25
Temperature Chamber	votsch	VT4002	58566078100050	May.30,24	May.29,26

NOTE:

1. The calibration interval of the above test instruments is 6 months or 12 months or 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*	Mobile Phone	
BRAND NAME*	POCO	
MODEL NAME*	25053PC47G	
NOMINAL VOLTAGE*	5/3.6-20V dc (adapter or host equipment) 3.93Vdc (Li-ion, battery)	
MODULATION TYPE	GSM/EDGE	GMSK,8PSK
	WCDMA	BPSK, QPSK
	LTE	QPSK, 16QAM, 64QAM, 256QAM
FREQUENCY RANGE	GSM/EDGE	824.2MHz ~ 848.8MHz
	WCDMA	826.4MHz ~ 846.6MHz
	LTE Band 5 (Channel Bandwidth: 1.4MHz)	824.7MHz ~ 848.3MHz
	LTE Band 5 (Channel Bandwidth: 3MHz)	825.5MHz ~ 847.5MHz
	LTE Band 5 (Channel Bandwidth: 5MHz)	826.5MHz ~ 846.5MHz
	LTE Band 5 (Channel Bandwidth: 10MHz)	829MHz ~ 844MHz
	LTE Band 26 (Channel Bandwidth: 1.4MHz)	824.7MHz ~ 848.3MHz
	LTE Band 26 (Channel Bandwidth: 3MHz)	825.5MHz ~ 847.5MHz
	LTE Band 26 (Channel Bandwidth: 5MHz)	826.5MHz ~ 846.5MHz
	LTE Band 26 (Channel Bandwidth: 10MHz)	829MHz ~ 844MHz
	LTE Band 26 (Channel Bandwidth: 15MHz)	831.5MHz ~ 841.5MHz
	MAX. ERP POWER	GSM850
EDGE850		178.77mW
WCDMA B5		103.28mW
LTE Band 5 (Channel Bandwidth: 1.4MHz)		103.99mW
LTE Band 5 (Channel Bandwidth: 3MHz)		104.71mW
LTE Band 5 (Channel Bandwidth: 5MHz)		105.68mW
LTE Band 5 (Channel Bandwidth: 10MHz)		107.40mW
LTE Band 26 (Channel Bandwidth: 1.4MHz)		121.34mW
LTE Band 26 (Channel Bandwidth: 3MHz)		121.06mW



	LTE Band 26 (Channel Bandwidth: 5MHz)	122.74mW	
	LTE Band 26 (Channel Bandwidth: 10MHz)	119.12mW	
	LTE Band 26 (Channel Bandwidth: 15MHz)	121.34mW	
EMISSION DESIGNATOR GGN	GSM850	247KGXW	
	EDGE850	246KG7W	
	WCDMA B5	4M14F9W	
	LTE Band 26 (Channel Bandwidth: 1.4MHz)	QPSK: 1M10G7D 16QAM: 1M09W7D	
	LTE Band 26 (Channel Bandwidth: 3MHz)	QPSK: 2M70G7D 16QAM: 2M70W7D	
	LTE Band 26 (Channel Bandwidth: 5MHz)	QPSK: 4M49G7D 16QAM: 4M49W7D	
	LTE Band 26 (Channel Bandwidth: 10MHz)	QPSK: 8M95G7D 16QAM: 8M97W7D	
	LTE Band 26 (Channel Bandwidth: 15MHz)	QPSK: 13M5G7D 16QAM: 13M5W7D	
	ANTENNA GAIN*	GSM850/ WCDMA V/LTE B5	ANT0
ANT1			-3.02dBi
LTE B26		ANT0	-2.15dBi
		ANT1	-3.02dBi
ANTENNA TYPE*	PIFA		
HW VERSION*	13510O10U		
SW VERSION*	Xiaomi HyperOS 2.0		
I/O PORTS*	Refer to user's manual		
CABLE SUPPLIED*	N/A		
EXTREME TEMPERATURE*	0°C-40°C		
EXTREME VOLTAGE*	3.8V-4.3V		

NOTE:

- *Since the above data and/or information is provided by the client relevant results or conclusions of this report are only made for these data and/or information, Test Lab is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.
- For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
- The EUT incorporates a SISO function. Physically, the EUT provides two completed transmitter and two receivers.

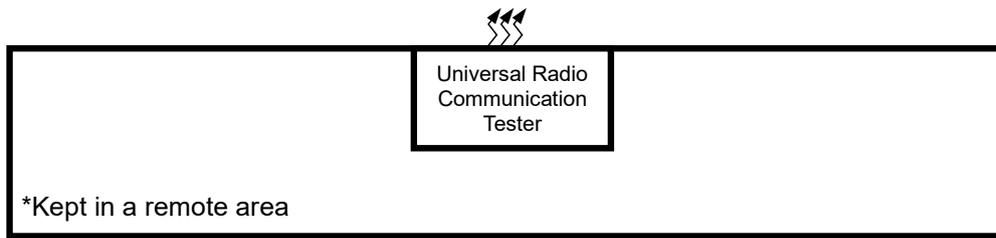
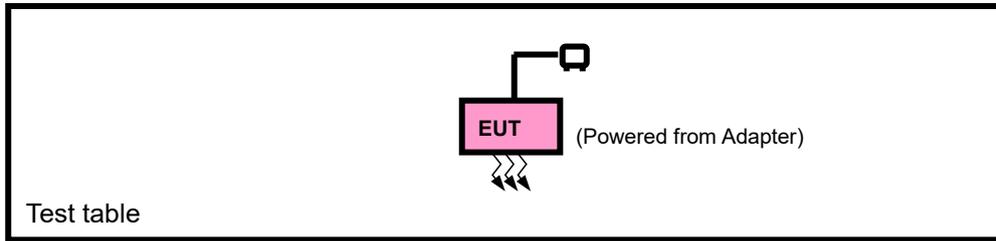
MODULATION MODE	TX FUNCTION
GSM/EDGE	2TX/2RX
WCDMA	2TX/2RX
LTE	2TX/2RX

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



2.2 CONFIGURATION OF SYSTEM UNDER TEST

FOR RADIATION EMISSION





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	Laptop	Lenovo	ThinkPad E14	HRSW00024	N/A

NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	USB Line1: Shielded, Detachable 1.0m;
2	USB Line2: Shielded, Detachable 1.0m;



2.4 TEST ITEM AND TEST CONFIGURATION

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 and radiated emission was found when positioned on X-plane for GSM /EDGE /WCDMA /LTE. Following channel(s) was (were) selected for the final test as listed below:

EUT CONFIGURE MODE	DESCRIPTION
A	EUT + Adapter with GSM or WCDMA or LTE link
B	EUT + DC Supply with GSM or WCDMA or LTE link

GSM MODE

EUT CONFIGURE MODE	TEST ITEM	Available Channel	Tested Channel	MODE
A	ERP	128 to 251	128, 189, 251	GSM,EDGE
B	FREQUENCY STABILITY	128 to 251	128, 189, 251	GSM,EDGE
A	OCCUPIED BANDWIDTH	128 to 251	128, 189, 251	GSM,EDGE
A	BAND EDGE	128 to 251	128, 251	GSM,EDGE
A	CONDUCTED EMISSION	128 to 251	128, 189, 251	GSM,EDGE
A	RADIATED EMISSION	128 to 251	128, 189, 251	GSM,EDGE
A	PEAK TO AVERAGE RATIO	128 to 251	128, 189, 251	GSM,EDGE

WCDMA MODE

EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	MODE
A	ERP	4132 to 4233	4132, 4182, 4233	WCDMA
B	FREQUENCY STABILITY	4132 to 4233	4132, 4182, 4233	WCDMA
A	OCCUPIED BANDWIDTH	4132 to 4233	4132, 4182, 4233	WCDMA
A	BAND EDGE	4132 to 4233	4132, 4233	WCDMA
A	CONDCUDED EMISSION	4132 to 4233	4132, 4182, 4233	WCDMA
A	RADIATED EMISSION	4132 to 4233	4132, 4182, 4233	WCDMA
A	PEAK TO AVERAGE RATIO	4132 to 4233	4132, 4182, 4233	WCDMA



LTE BAND 5 MODE

EUT CONFIGURE MODE	TEST ITEM	Available Channel	Tested Channel	Channel bandwidth	modulation	mode
A	ERP	20407 to 20643	20407, 20525, 20643	1.4MHz	QPSK,16QAM,64QAM,256QAM	1 RB / 0 RB offset
		20415 to 20635	20415, 20525, 20635	3MHz	QPSK,16QAM,64QAM,256QAM	1 RB / 0 RB offset
		20425 to 20625	20425, 20525, 20625	5MHz	QPSK,16QAM,64QAM,256QAM	1 RB / 0 RB offset
		20450 to 20600	20450, 20525, 20600	10MHz	QPSK,16QAM,64QAM,256QAM	1 RB / 0 RB offset

Note:

1. This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.
2. LTE Band 5 are covered by LTE Band 26, Because it is a subset of LTE Band 26 with the same output power and supported bandwidths, So the test data please refer to LTE Band 26

LTE BAND 26 MODE

EUT CONFIGURE MODE	TEST ITEM	Available Channel	Tested Channel	Channel bandwidth	modulation	mode
A	ERP	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK,16QAM,64QAM,256QAM	1 RB / 0 RB offset
		26805 to 27025	26805, 26915, 27025	3MHz	QPSK,16QAM,64QAM,256QAM	1 RB / 0 RB offset
		26815 to 27015	26815, 26915, 27015	5MHz	QPSK,16QAM,64QAM,256QAM	1 RB / 0 RB offset
		26840 to 26990	26840, 26915, 26990	10MHz	QPSK,16QAM,64QAM,256QAM	1 RB / 0 RB offset
		26865 to 26965	26865, 26915, 26965	15MHz	QPSK,16QAM,64QAM,256QAM	1 RB / 0 RB offset
B	FREQUENCY STABILITY	26865 to 26965	26865, 26915, 26965	15MHz	QPSK	75 RB / 0 RB offset
A	OCCUPIED BANDWIDTH	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK,16QAM	6 RB / 0 RB offset
		26805 to 27025	26805, 26915, 27025	3MHz	QPSK,16QAM	15 RB / 0 RB offset
		26815 to 27015	26815, 26915, 27015	5MHz	QPSK,16QAM	25 RB / 0 RB offset
		26840 to 26990	26840, 26915, 26990	10MHz	QPSK,16QAM	50 RB / 0 RB offset
		26865 to 26965	26865, 26915, 26965	15MHz	QPSK,16QAM	75 RB / 0 RB offset
A	PEAK TO AVERAGE RATIO	26865 to 26965	26865, 26915, 26965	15MHz	QPSK	1 RB / 0 RB offset 75 RB / 0 RB offset
A	BAND EDGE	26797 to 27033	26797	1.4 MHz	QPSK,16QAM,64QAM ,256QAM	1 RB / 0 RB offset
						6 RB / 0 RB offset
		26797 to 27033	27033	1.4 MHz	QPSK,16QAM,64QAM ,256QAM	1 RB / 5 RB offset
						6 RB / 0 RB offset
		26805 to 27025	26805	3 MHz	QPSK,16QAM,64QAM ,256QAM	1 RB / 0 RB offset
						15 RB / 0 RB offset



		26805 to 27025	27025	3 MHz	QPSK,16QAM,64QAM ,256QAM	1 RB / 14 RB offset 15 RB / 0 RB offset
		26815 to 27015	26815	5MHz	QPSK,16QAM,64QAM ,256QAM	1 RB / 0 RB offset 25 RB / 0 RB offset
		26815 to 27015	27015	5MHz	QPSK,16QAM,64QAM ,256QAM	1 RB / 24 RB offset 25 RB / 0 RB offset
		26840 to 26990	26840	10MHz	QPSK,16QAM,64QAM ,256QAM	1 RB / 0 RB offset 50 RB / 0 RB offset
		26840 to 26990	26990	10MHz	QPSK,16QAM,64QAM ,256QAM	1 RB / 49 RB offset 50 RB / 0 RB offset
		26865 to 26965	26865	15MHz	QPSK,16QAM,64QAM ,256QAM	1 RB / 0 RB offset 75 RB / 0 RB offset
		26865 to 26965	26965	15MHz	QPSK,16QAM,64QAM ,256QAM	1 RB / 74 RB offset 75 RB / 0 RB offset
A	CONDCUDETED EMISSION	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK	1 RB / 0 RB offset
		26805 to 27025	26805, 26915, 27025	3MHz	QPSK	1 RB / 0 RB offset
		26815 to 27015	26815, 26915, 27015	5MHz	QPSK	1 RB / 0 RB offset
		26840 to 26990	26840, 26915, 26990	10MHz	QPSK	1 RB / 0 RB offset
		26865 to 26965	26865, 26915, 26965	15MHz	QPSK	1 RB / 0 RB offset
A	RADIATED EMISSION	26797 to 27033	26915	1.4MHz	QPSK	1 RB / 0 RB offset
		26805 to 27025	26915	3MHz	QPSK	1 RB / 0 RB offset
		26815 to 27015	26915	5MHz	QPSK	1 RB / 0 RB offset
		26840 to 26990	26915	10MHz	QPSK	1 RB / 0 RB offset
		26865 to 26965	26865, 26915, 26965	15MHz	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	23deg. C, 70%RH	DC 3.93V By Battery	Hanwen Xu
FREQUENCY STABILITY	23deg. C, 70%RH	DC 5V By DC Source	Hanwen Xu
OCCUPIED BANDWIDTH	23deg. C, 70%RH	DC 3.93V By Battery	Hanwen Xu
BAND EDGE	23deg. C, 70%RH	DC 3.93V By Battery	Hanwen Xu
CONDCUDED EMISSION	23deg. C, 70%RH	DC 3.93V By Battery	Hanwen Xu
RADIATED EMISSION	23deg. C, 70%RH	AC 120V/60Hz	Hanwen Xu
PEAK TO AVERAGE RATIO	23deg. C, 70%RH	DC 3.93V By Battery	Hanwen Xu



2.5 EUT OPERATING CONDITIONS

The EUT makes a call to the communication simulator. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency

2.6 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 22

KDB 971168 D01 Power Meas License Digital Systems v03r01

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

Mobile / Portable station are limited to 7 watts e.r.p.

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 determining the ERP or EIRP from the conducted RF output power measured using the guidance provided above is:

$$\text{ERP or EIRP} = P_{\text{Meas}} + G_{\text{T}} - L_{\text{C}}$$

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:

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



3.1.3 TEST SETUP

EIRP / ERP Measurement:

CONDUCTED POWER MEASUREMENT:



3.1.4 TEST RESULTS

CONDUCTED OUTPUT POWER (dBm):

Band	GSM850_Ant0			GSM850_Ant1		
	128	189	251	128	189	251
Channel	128	189	251	128	189	251
Frequency (MHz)	824.2	836.4	848.8	824.2	836.4	848.8
GSM	32.72	32.94	32.96	32.85	32.97	33.10
GPRS 1Tx Slot	32.69	32.92	32.95	32.82	32.95	33.07
GPRS 2Tx Slot	30.19	30.26	30.33	30.55	30.70	30.51
GPRS 3Tx Slot	28.57	28.54	28.59	29.07	29.17	28.77
GPRS 4Tx Slot	27.05	26.92	27.07	27.75	27.76	27.29
EDGE 1Tx Slot	26.82	26.87	26.96	26.81	26.94	26.75
EDGE 2Tx Slot	24.43	24.43	24.48	24.41	24.45	24.38
EDGE 3Tx Slot	22.57	22.25	22.34	22.49	22.56	22.40
EDGE 4Tx Slot	20.93	20.80	20.95	20.90	20.95	20.76

Band	WCDMA V_Ant0			WCDMA V_Ant1		
	4132	4182	4233	4132	4182	4233
TX Channel	4132	4182	4233	4132	4182	4233
Rx Channel	4357	4407	4458	4357	4407	4458
Frequency (MHz)	826.4	836.4	846.6	826.4	836.4	846.6
RMC 12.2K	24.51	24.58	24.47	24.87	24.74	24.78
HSDPA Subtest-1	23.37	23.39	23.33	23.71	23.82	23.84
HSDPA Subtest-2	23.55	23.31	23.50	23.70	23.77	23.86
HSDPA Subtest-3	22.87	23.10	22.70	23.02	23.48	23.08
HSDPA Subtest-4	23.13	23.08	23.16	23.39	23.18	23.30
DC-HSDPA Subtest-1	23.59	23.55	23.49	23.65	23.76	23.82
DC-HSDPA Subtest-2	23.66	23.20	23.65	23.85	23.73	23.84
DC-HSDPA Subtest-3	22.98	23.03	23.05	23.21	23.50	23.30
DC-HSDPA Subtest-4	22.76	23.06	23.06	23.11	23.26	23.20
HSUPA Subtest-1	23.54	23.50	23.51	23.78	23.76	23.84
HSUPA Subtest-2	22.46	22.43	22.41	23.19	23.27	23.36
HSUPA Subtest-3	23.49	23.68	23.27	23.70	23.78	23.57
HSUPA Subtest-4	23.35	23.61	23.29	23.51	23.65	23.73
HSUPA Subtest-5	23.33	23.16	23.28	23.54	23.96	23.78



LTE Band 5_Ant0

BW: 1.4M

BW	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		20407	20525	20643
		Frequency (MHz)		824.7	836.5	848.3
1.4M	QPSK	1	0	24.43	24.5	24.49
		1	2	24.61	24.6	24.58
		1	5	24.15	24.33	24.25
		3	0	24.29	24.31	24.3
		3	1	24.32	24.5	24.41
		3	3	24.16	24.43	24.33
		6	0	23.38	23.46	23.52
	16QAM	1	0	23.95	23.86	23.89
		1	2	23.87	23.93	23.87
		1	5	23.89	23.76	23.78
		3	0	23.36	23.35	23.24
		3	1	23.38	23.52	23.41
		3	3	23.19	23.29	23.36
		6	0	22.49	22.43	22.45
	64QAM	1	0	22.55	22.65	22.66
		1	2	22.59	22.69	22.58
		1	5	22.62	22.72	22.46
		3	0	22.05	22.26	22.19
		3	1	22.3	22.44	22.33
		3	3	22.25	22.18	22.24
		6	0	21.5	21.65	21.39
	256QAM	1	0	19.37	19.43	19.29
		1	2	19.62	19.5	19.48
		1	5	19.59	19.63	19.54
		3	0	19.23	19.49	19.43
		3	1	19.44	19.59	19.51
		3	3	19.26	19.56	19.34
		6	0	19.56	19.69	19.52



BW	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		20415	20525	20635
		Frequency (MHz)		825.5	836.5	847.5
3M	QPSK	1	0	24.53	24.56	24.5
		1	7	24.62	24.64	24.53
		1	14	24.19	24.34	24.2
		8	0	23.43	23.46	23.53
		8	3	23.64	23.59	23.56
		8	7	23.33	23.57	23.5
		15	0	23.32	23.41	23.48
	16QAM	1	0	23.98	23.88	23.85
		1	7	23.89	23.98	23.92
		1	14	23.92	23.89	23.67
		8	0	22.59	22.56	22.58
		8	3	22.71	22.74	22.65
		8	7	22.4	22.48	22.57
		15	0	22.45	22.47	22.47
	64QAM	1	0	22.62	22.73	22.6
		1	7	22.7	22.73	22.55
		1	14	22.58	22.77	22.53
		8	0	21.29	21.48	21.36
		8	3	21.51	21.73	21.41
		8	7	21.43	21.42	21.34
		15	0	21.43	21.54	21.41
	256QAM	1	0	19.39	19.47	19.22
		1	7	19.57	19.61	19.57
		1	14	19.58	19.65	19.62
		8	0	19.33	19.45	19.38
		8	3	19.46	19.66	19.5
		8	7	19.36	19.51	19.36
		15	0	19.47	19.6	19.52



BW	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		20425	20525	20625
		Frequency (MHz)		826.5	836.5	846.5
5M	QPSK	1	0	24.4	24.55	24.45
		1	12	24.61	24.68	24.55
		1	24	24.2	24.34	24.28
		12	0	23.52	23.57	23.53
		12	6	23.6	23.65	23.7
		12	13	23.35	23.56	23.51
		25	0	23.36	23.39	23.5
	16QAM	1	0	23.95	23.95	23.8
		1	12	23.87	24.01	23.82
		1	24	23.97	23.8	23.78
		12	0	22.62	22.67	22.54
		12	6	22.61	22.7	22.68
		12	13	22.33	22.6	22.54
		25	0	22.43	22.48	22.47
	64QAM	1	0	22.63	22.71	22.66
		1	12	22.69	22.73	22.6
		1	24	22.57	22.68	22.5
		12	0	21.35	21.54	21.45
		12	6	21.5	21.74	21.47
		12	13	21.5	21.35	21.37
		25	0	21.45	21.63	21.44
	256QAM	1	0	19.38	19.5	19.27
		1	12	19.63	19.61	19.52
		1	24	19.58	19.73	19.66
		12	0	19.26	19.45	19.43
		12	6	19.49	19.55	19.57
		12	13	19.35	19.45	19.36
		25	0	19.5	19.64	19.47



BW	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		20450	20525	20600
		Frequency (MHz)		829	836.5	844
10M	QPSK	1	0	24.55	24.59	24.56
		1	24	24.69	24.75	24.6
		1	49	24.29	24.38	24.31
		25	0	23.57	23.61	23.54
		25	12	23.67	23.73	23.71
		25	25	23.48	23.66	23.56
		50	0	23.46	23.57	23.52
	16QAM	1	0	24.02	23.97	23.92
		1	24	23.95	24.08	23.96
		1	49	23.98	23.91	23.8
		25	0	22.63	22.68	22.59
		25	12	22.73	22.75	22.76
		25	25	22.45	22.62	22.65
		50	0	22.57	22.57	22.58
	64QAM	1	0	22.69	22.74	22.67
		1	24	22.73	22.81	22.62
		1	49	22.72	22.8	22.59
		25	0	21.38	21.55	21.51
		25	12	21.52	21.76	21.56
		25	25	21.52	21.5	21.47
		50	0	21.58	21.67	21.52
	256QAM	1	0	19.41	19.57	19.37
		1	24	19.72	19.62	19.61
		1	49	19.62	19.77	19.69
		25	0	19.38	19.55	19.48
		25	12	19.51	19.68	19.61
		25	25	19.37	19.59	19.38
		50	0	19.6	19.75	19.54



LTE Band 5_Ant1

BW: 1.4M

BW	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		20407	20525	20643
		Frequency (MHz)		824.7	836.5	848.3
1.4M	QPSK	1	0	24.82	24.71	24.72
		1	2	24.93	24.83	24.76
		1	5	24.88	24.67	24.63
		3	0	24.75	24.61	24.65
		3	1	24.75	24.68	24.66
		3	3	24.6	24.6	24.61
		6	0	23.87	23.77	23.88
	16QAM	1	0	24	23.95	23.85
		1	2	23.9	24	23.9
		1	5	23.97	24.01	23.81
		3	0	23.74	23.68	23.67
		3	1	23.84	23.72	23.65
		3	3	23.74	23.64	23.65
		6	0	23.01	22.77	22.82
	64QAM	1	0	22.98	22.93	22.99
		1	2	22.9	22.89	22.78
		1	5	22.87	22.79	22.99
		3	0	22.607	22.417	22.577
		3	1	22.7	22.61	22.62
		3	3	22.78	22.79	22.58
		6	0	21.86	21.9	21.83
	256QAM	1	0	19.78	19.51	19.64
		1	2	20.06	19.93	19.93
		1	5	19.8	19.79	19.65
		3	0	19.82	19.62	19.72
		3	1	19.92	19.86	19.78
		3	3	19.85	19.81	19.85
		6	0	19.97	19.75	19.83



BW	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		20415	20525	20635
		Frequency (MHz)		825.5	836.5	847.5
3M	QPSK	1	0	24.8	24.8	24.77
		1	7	24.8	24.82	24.79
		1	14	24.91	24.76	24.63
		8	0	23.92	23.82	23.85
		8	3	23.93	23.83	23.82
		8	7	23.77	23.81	23.76
		15	0	23.82	23.81	23.8
	16QAM	1	0	24.02	24.02	23.96
		1	7	23.96	23.96	23.9
		1	14	24.01	24.02	23.92
		8	0	22.94	22.9	22.75
		8	3	22.89	22.9	22.82
		8	7	22.93	22.83	22.85
		15	0	22.95	22.74	22.78
	64QAM	1	0	22.97	22.95	22.98
		1	7	22.85	22.93	22.86
		1	14	22.89	22.74	22.89
		8	0	21.737	21.557	21.717
		8	3	21.84	21.85	21.75
		8	7	21.88	21.9	21.79
		15	0	21.81	21.82	21.8
	256QAM	1	0	19.76	19.62	19.75
		1	7	19.96	20.02	19.99
		1	14	19.8	19.72	19.63
		8	0	19.83	19.6	19.69
		8	3	19.84	19.78	19.85
		8	7	19.94	19.88	19.79
		15	0	19.97	19.81	19.87



BW	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		20425	20525	20625
		Frequency (MHz)		826.5	836.5	846.5
5M	QPSK	1	0	24.77	24.75	24.74
		1	12	24.85	24.71	24.82
		1	24	24.81	24.78	24.63
		12	0	23.91	23.84	23.77
		12	6	23.86	23.85	23.79
		12	13	23.83	23.85	23.77
		25	0	23.82	23.76	23.87
	16QAM	1	0	23.94	24	23.94
		1	12	24.04	23.98	23.78
		1	24	24.05	23.97	23.85
		12	0	22.87	22.83	22.79
		12	6	22.93	22.92	22.82
		12	13	22.92	22.83	22.83
		25	0	22.91	22.8	22.84
	64QAM	1	0	23.03	22.86	22.88
		1	12	22.92	22.98	22.78
		1	24	22.92	22.78	22.9
		12	0	21.767	21.577	21.727
		12	6	21.95	21.83	21.71
		12	13	21.88	21.92	21.88
		25	0	21.81	21.81	21.89
	256QAM	1	0	19.83	19.58	19.63
		1	12	19.98	19.96	19.88
		1	24	19.77	19.84	19.64
		12	0	19.89	19.59	19.64
		12	6	19.83	19.75	19.78
		12	13	19.95	19.9	19.84
		25	0	19.9	19.75	19.92



BW	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		20450	20525	20600
		Frequency (MHz)		829	836.5	844
10M	QPSK	1	0	24.91	24.81	24.85
		1	24	24.95	24.86	24.91
		1	49	24.92	24.79	24.75
		25	0	23.93	23.85	23.86
		25	12	23.97	23.92	23.89
		25	25	23.87	23.9	23.88
		50	0	23.94	23.89	23.92
	16QAM	1	0	24.09	24.07	23.98
		1	24	24.05	24.07	23.93
		1	49	24.06	24.04	23.94
		25	0	22.97	22.94	22.88
		25	12	23.03	23.01	22.91
		25	25	22.95	22.88	22.96
		50	0	23.04	22.84	22.92
	64QAM	1	0	23.08	23	23.01
		1	24	22.97	23	22.89
		1	49	22.99	22.85	23
		25	0	21.847	21.667	21.787
		25	12	21.98	21.91	21.81
		25	25	22.01	22.04	21.9
		50	0	21.96	21.91	21.94
	256QAM	1	0	19.86	19.66	19.77
		1	24	20.1	20.03	20
		1	49	19.82	19.85	19.72
		25	0	19.94	19.74	19.78
		25	12	19.95	19.89	19.89
		25	25	19.97	19.94	19.92
		50	0	20.04	19.84	19.98



LTE Band 26_Ant0

BW: 1.4M

BW	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		26697	26865	27033
		Frequency (MHz)		814.7	831.5	848.3
1.4M	QPSK	1	0	25.12	25.11	25.14
		1	2	25.18	25	25.08
		1	5	24.97	24.95	24.99
		3	0	24.93	24.87	24.88
		3	1	24.92	24.96	24.87
		3	3	24.74	24.89	24.88
		6	0	24.12	24	24.05
	16QAM	1	0	24.38	24.38	24.34
		1	2	24.05	24.04	24.1
		1	5	24.13	24.02	24.05
		3	0	23.94	23.78	23.93
		3	1	23.84	23.68	23.83
		3	3	23.76	23.78	23.73
		6	0	23.07	22.9	22.92
	64QAM	1	0	23.27	23.25	23.15
		1	2	23.35	23.24	23.33
		1	5	23.22	23.14	23.08
		3	0	22.9	22.82	22.84
		3	1	22.89	22.92	22.7
		3	3	22.94	22.89	22.79
		6	0	22.07	22.02	21.98
	256QAM	1	0	20.39	20.19	20.28
		1	2	20.22	20.07	20.12
		1	5	20.29	20.34	20.23
		3	0	20.22	20.16	19.99
		3	1	20.17	20.11	20.1
		3	3	20.04	19.9	20.04
		6	0	20.03	19.95	19.96



BW	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		26705	26865	27025
		Frequency (MHz)		815.5	831.5	847.5
3M	QPSK	1	0	25.15	25.08	25.13
		1	7	25.15	25.07	25.06
		1	14	24.95	25	24.91
		8	0	24.11	24.14	24.01
		8	3	24.12	24.16	24.18
		8	7	23.99	24.14	24.04
		15	0	24.08	24	24.08
	16QAM	1	0	24.29	24.37	24.22
		1	7	24.13	23.98	23.99
		1	14	24.05	23.95	23.97
		8	0	23.13	23.02	23.11
		8	3	23.1	23.03	22.97
		8	7	23	22.95	22.85
		15	0	23.18	22.9	22.97
	64QAM	1	0	23.2	23.21	23.11
		1	7	23.45	23.22	23.3
		1	14	23.19	23.16	23.08
		8	0	22.26	22.11	22.1
		8	3	22.12	22.14	21.98
		8	7	22.04	22.01	22.03
		15	0	22.02	22.11	21.93
	256QAM	1	0	20.43	20.29	20.26
		1	7	20.25	20.08	20.08
		1	14	20.37	20.29	20.33
		8	0	20.09	20.14	19.99
		8	3	20.11	20.08	20.08
		8	7	20.02	19.92	19.97
		15	0	20.05	20.04	19.97



BW	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		26715	26865	27015
		Frequency (MHz)		816.5	831.5	846.5
5M	QPSK	1	0	25.02	25.09	25.14
		1	12	25.08	25.01	25.19
		1	24	24.99	25.02	24.97
		12	0	24.08	24.09	24.07
		12	6	24.14	24.16	24.08
		12	13	24.03	24.05	24.02
		25	0	24.08	24.07	24.07
	16QAM	1	0	24.33	24.33	24.26
		1	12	24.08	24.03	24.09
		1	24	23.99	23.93	23.99
		12	0	23.21	23.04	23.09
		12	6	23.03	23.03	23.03
		12	13	23	22.98	22.88
		25	0	23.18	23.01	23.01
	64QAM	1	0	23.31	23.24	23.11
		1	12	23.42	23.22	23.4
		1	24	23.2	23.21	23.09
		12	0	22.16	22	22.1
		12	6	22.17	22.12	22
		12	13	22.13	22.04	22.01
		25	0	22.12	22.05	22.04
	256QAM	1	0	20.39	20.22	20.27
		1	12	20.14	20.05	20.09
		1	24	20.35	20.32	20.28
		12	0	20.18	20.09	20.02
		12	6	20.08	20.09	20.12
		12	13	20.06	19.9	20.01
		25	0	20.04	19.96	19.93



BW	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		26740	26865	26990
		Frequency (MHz)		819	831.5	844
10M	QPSK	1	0	25.06	25.06	25.04
		1	24	25.12	25.11	25.06
		1	49	25.04	24.93	24.94
		25	0	24.16	24.07	24.08
		25	12	24.2	24.2	24.19
		25	25	23.95	24.09	24.02
		50	0	24.16	24.04	24.13
	16QAM	1	0	24.41	24.36	24.26
		1	24	24.09	23.95	24.1
		1	49	24.08	23.96	24
		25	0	23.1	23.02	23.07
		25	12	23.09	22.99	22.95
		25	25	23.04	22.92	22.92
		50	0	23.07	22.96	22.94
	64QAM	1	0	23.31	23.26	23.13
		1	24	23.4	23.22	23.31
		1	49	23.2	23.08	22.97
		25	0	22.25	22.03	22.05
		25	12	22.17	22.16	22.02
		25	25	22.13	22.02	22.03
		50	0	22.09	22.1	21.97
	256QAM	1	0	20.33	20.2	20.17
		1	24	20.19	20.07	20.02
		1	49	20.39	20.28	20.31
		25	0	20.14	20.17	20.12
		25	12	20.19	20.16	20.15
		25	25	20.13	19.89	20.01
		50	0	20.07	19.96	20.02



BW	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		26765	26865	26965
		Frequency (MHz)		821.5	831.5	841.5
15M	QPSK	1	0	25.16	25.13	25.15
		1	37	25.21	25.14	25.2
		1	74	25.09	25.07	25.06
		36	0	24.18	24.2	24.16
		36	19	24.25	24.24	24.2
		36	39	24.1	24.17	24.14
		75	0	24.19	24.11	24.16
	16QAM	1	0	24.43	24.41	24.36
		1	37	24.17	24.09	24.14
		1	74	24.14	24.08	24.08
		36	0	23.23	23.09	23.2
		36	19	23.16	23.05	23.06
		36	39	23.1	23.03	22.98
		75	0	23.19	23.04	23.04
	64QAM	1	0	23.32	23.27	23.18
		1	37	23.5	23.35	23.43
		1	74	23.23	23.22	23.11
		36	0	22.27	22.12	22.2
		36	19	22.22	22.17	22.07
		36	39	22.17	22.13	22.09
		75	0	22.15	22.14	22.05
	256QAM	1	0	20.46	20.34	20.31
		1	37	20.28	20.14	20.15
		1	74	20.43	20.35	20.35
		36	0	20.24	20.22	20.13
		36	19	20.23	20.18	20.22
		36	39	20.14	20.03	20.06
		75	0	20.13	20.1	20.07



LTE Band 26_Ant1

BW: 1.4M

BW	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		26697	26865	27033
		Frequency (MHz)		814.7	831.5	848.3
1.4M	QPSK	1	0	25.05	25.09	25.12
		1	2	25.15	25.14	25.11
		1	5	24.97	24.94	24.95
		3	0	24.9	24.92	24.86
		3	1	24.95	25	24.98
		3	3	24.86	24.87	24.84
		6	0	24	23.97	24.01
	16QAM	1	0	24.15	24.08	24.1
		1	2	24.16	24.21	24.02
		1	5	23.91	23.9	24.02
		3	0	23.86	23.88	23.77
		3	1	23.93	23.88	23.92
		3	3	23.8	23.88	23.67
		6	0	22.97	22.96	22.85
	64QAM	1	0	22.98	22.99	23.03
		1	2	23.38	23.28	23.23
		1	5	22.94	22.9	22.92
		3	0	23.05	23.06	23.06
		3	1	23.15	23.05	23.08
		3	3	22.86	22.74	22.86
		6	0	22.06	21.98	21.93
	256QAM	1	0	20.24	20.28	20.21
		1	2	20.33	20.3	20.35
		1	5	20.14	20.02	20.1
		3	0	20.07	20.04	19.96
		3	1	20.08	20.02	20
		3	3	19.94	19.96	20.11
		6	0	20.01	19.93	20.05



BW	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		26705	26865	27025
		Frequency (MHz)		815.5	831.5	847.5
3M	QPSK	1	0	25.09	25.13	25.1
		1	7	25.02	25.23	25.05
		1	14	24.98	24.89	24.93
		8	0	24.07	23.97	23.98
		8	3	24.07	24.1	24.11
		8	7	24.03	23.95	24.07
		15	0	23.96	24.07	23.91
	16QAM	1	0	24.13	24.06	23.97
		1	7	24.08	24.19	24.11
		1	14	24.04	23.97	24
		8	0	22.88	22.94	22.91
		8	3	23.05	22.95	23.02
		8	7	22.96	22.9	22.86
		15	0	23.11	23	22.95
	64QAM	1	0	23.08	22.99	22.98
		1	7	23.33	23.31	23.29
		1	14	22.96	22.9	23.01
		8	0	22.22	22.2	22.12
		8	3	22.3	22.15	22.13
		8	7	22.08	21.89	21.97
		15	0	22.04	21.88	21.96
	256QAM	1	0	20.28	20.31	20.27
		1	7	20.34	20.28	20.28
		1	14	20.13	20	20.15
		8	0	19.95	19.91	19.85
		8	3	20.1	20.08	20.11
		8	7	19.91	20	20.12
		15	0	19.96	19.98	20.01



BW	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		26715	26865	27015
		Frequency (MHz)		816.5	831.5	846.5
5M	QPSK	1	0	24.95	24.96	24.92
		1	12	25	25.15	25
		1	24	24.79	24.87	24.92
		12	0	23.97	23.8	23.81
		12	6	23.96	23.94	23.91
		12	13	23.95	23.88	23.99
		25	0	23.91	23.92	23.78
	16QAM	1	0	23.93	24	23.95
		1	12	23.99	23.99	23.99
		1	24	23.9	23.98	23.88
		12	0	22.84	22.87	22.87
		12	6	22.9	22.92	22.95
		12	13	22.94	22.77	22.72
		25	0	22.97	22.87	22.84
	64QAM	1	0	23	22.95	23.02
		1	12	23.21	23.09	23.19
		1	24	23.02	22.85	22.86
		12	0	22.07	22.15	22.11
		12	6	22.27	22.08	22.05
		12	13	21.94	21.82	21.94
		25	0	21.89	21.88	21.97
	256QAM	1	0	20.17	20.24	20.11
		1	12	20.31	20.25	20.26
		1	24	20.01	19.88	19.97
		12	0	19.99	19.96	19.8
		12	6	19.86	20.08	20.05
		12	13	19.84	19.86	19.94
		25	0	19.74	19.88	20.07



BW	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		26740	26865	26990
		Frequency (MHz)		819	831.5	844
10M	QPSK	1	0	25.13	25.1	25.05
		1	24	25.1	25.11	25.15
		1	49	24.88	25.01	25.01
		25	0	23.94	23.98	23.98
		25	12	24.07	24.13	24.09
		25	25	24.03	23.89	23.94
		50	0	23.96	24.06	23.95
	16QAM	1	0	24.1	24.17	23.97
		1	24	24.05	24.11	24.06
		1	49	23.98	23.96	23.95
		25	0	22.96	23.03	22.89
		25	12	23.05	22.98	23.08
		25	25	22.89	22.96	22.89
		50	0	23.09	22.97	22.93
	64QAM	1	0	23.09	23.02	22.95
		1	24	23.3	23.31	23.22
		1	49	23.01	22.98	22.92
		25	0	22.25	22.21	22.07
		25	12	22.17	22.11	22.11
		25	25	22.01	21.9	21.99
		50	0	22.02	21.94	21.92
	256QAM	1	0	20.25	20.32	20.17
		1	24	20.23	20.26	20.26
		1	49	20.09	20.14	20.11
		25	0	19.96	19.93	19.84
		25	12	20.06	20.07	19.99
		25	25	19.94	19.93	20.02
		50	0	19.98	19.91	20.02



BW	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		26765	26865	26965
		Frequency (MHz)		821.5	831.5	841.5
15M	QPSK	1	0	25.14	25.17	25.13
		1	37	25.17	25.26	25.19
		1	74	25.02	25.03	25.04
		36	0	24.08	24.04	24.09
		36	19	24.11	24.15	24.12
		36	39	24.05	24.04	24.08
		75	0	24.08	24.09	24.06
	16QAM	1	0	24.16	24.18	24.12
		1	37	24.19	24.24	24.12
		1	74	24.06	24.05	24.03
		36	0	23.03	23.06	22.95
		36	19	23.13	23.08	23.1
		36	39	23.02	23.01	22.9
		75	0	23.12	23.08	22.99
	64QAM	1	0	23.12	23.11	23.06
		1	37	23.42	23.32	23.36
		1	74	23.06	23.01	23.02
		36	0	22.28	22.26	22.21
		36	19	22.32	22.26	22.26
		36	39	22.11	21.96	22.05
		75	0	22.08	22.02	22.04
	256QAM	1	0	20.32	20.39	20.29
		1	37	20.36	20.41	20.38
		1	74	20.17	20.15	20.16
		36	0	20.09	20.05	19.97
		36	19	20.13	20.15	20.12
		36	39	20.01	20.03	20.13
		75	0	20.02	20.04	20.1



GSM850_Ant0							
Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	FCC Limit (W)
GPRS	128	824.2	32.72	-2.29	28.28	672.98	7
	189	836.4	32.94	-2.29	28.50	707.95	7
	251	848.8	32.96	-2.29	28.52	711.21	7
EDGE	128	824.2	26.82	-2.29	22.38	172.98	7
	189	836.4	26.87	-2.29	22.43	175.11	7
	251	848.8	26.96	-2.29	22.52	178.77	7

GSM850_Ant1							
Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
GPRS	128	824.2	32.85	-3.02	27.68	586.14	7
	189	836.4	32.97	-3.02	27.80	602.56	7
	251	848.8	33.10	-3.02	27.93	620.87	7
EDGE	128	824.2	26.81	-3.02	21.64	145.88	7
	189	836.4	26.94	-3.02	21.77	150.31	7
	251	848.8	26.75	-3.02	21.58	143.88	7

WCDMA V_Ant0						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
4132	826.4	24.51	-2.29	20.07	101.62	7
4182	836.4	24.58	-2.29	20.14	103.28	7
4233	846.6	24.47	-2.29	20.03	100.69	7
WCDMA V_Ant1						
Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
4132	826.4	24.87	-3.02	19.70	93.33	7
4182	836.4	24.74	-3.02	19.57	90.57	7
4233	846.6	24.78	-3.02	19.61	91.41	7



LTE Band 5_Ant0

BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
10M-QPSK	20450	829	24.69	-2.29	20.25	105.93	7
	20525	836.5	24.75	-2.29	20.31	107.40	7
	20600	844	24.60	-2.29	20.16	103.75	7
10M-16QAM	20450	829	24.02	-2.29	19.58	90.78	7
	20525	836.5	24.08	-2.29	19.64	92.04	7
	20600	844	23.96	-2.29	19.52	89.54	7
10M-64QAM	20450	829	22.73	-2.29	18.29	67.45	7
	20525	836.5	22.81	-2.29	18.37	68.71	7
	20600	844	22.67	-2.29	18.23	66.53	7
10M-256QAM	20450	829	19.72	-2.29	15.28	33.73	7
	20525	836.5	19.77	-2.29	15.33	34.12	7
	20600	844	19.69	-2.29	15.25	33.50	7
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
5M-QPSK	20425	826.5	24.61	-2.29	20.17	103.99	7
	20525	836.5	24.68	-2.29	20.24	105.68	7
	20625	846.5	24.55	-2.29	20.11	102.57	7
5M-16QAM	20425	826.5	23.97	-2.29	19.53	89.74	7
	20525	836.5	24.01	-2.29	19.57	90.57	7
	20625	846.5	23.82	-2.29	19.38	86.70	7
5M-64QAM	20425	826.5	22.69	-2.29	18.25	66.83	7
	20525	836.5	22.73	-2.29	18.29	67.45	7
	20625	846.5	22.66	-2.29	18.22	66.37	7
5M-256QAM	20425	826.5	19.63	-2.29	15.19	33.04	7
	20525	836.5	19.73	-2.29	15.29	33.81	7
	20625	846.5	19.66	-2.29	15.22	33.27	7
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
3M-QPSK	20415	825.5	24.62	-2.29	20.18	104.23	7
	20525	836.5	24.64	-2.29	20.20	104.71	7
	20635	847.5	24.53	-2.29	20.09	102.09	7
3M-16QAM	20415	825.5	23.98	-2.29	19.54	89.95	7
	20525	836.5	23.98	-2.29	19.54	89.95	7
	20635	847.5	23.92	-2.29	19.48	88.72	7



3M-64QAM	20415	825.5	22.70	-2.29	18.26	66.99	7
	20525	836.5	22.77	-2.29	18.33	68.08	7
	20635	847.5	22.60	-2.29	18.16	65.46	7
3M-256QAM	20415	825.5	19.58	-2.29	15.14	32.66	7
	20525	836.5	19.66	-2.29	15.22	33.27	7
	20635	847.5	19.62	-2.29	15.18	32.96	7
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
1.4M-QPSK	20407	824.7	24.61	-2.29	20.17	103.99	7
	20525	836.5	24.60	-2.29	20.16	103.75	7
	20643	848.3	24.58	-2.29	20.14	103.28	7
1.4M-16QAM	20407	824.7	23.95	-2.29	19.51	89.33	7
	20525	836.5	23.93	-2.29	19.49	88.92	7
	20643	848.3	23.89	-2.29	19.45	88.10	7
1.4M-64QAM	20407	824.7	22.62	-2.29	18.18	65.77	7
	20525	836.5	22.72	-2.29	18.28	67.30	7
	20643	848.3	22.66	-2.29	18.22	66.37	7
1.4M-256QAM	20407	824.7	19.62	-2.29	15.18	32.96	7
	20525	836.5	19.69	-2.29	15.25	33.50	7
	20643	848.3	19.54	-2.29	15.10	32.36	7



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BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
10M-QPSK	20450	829	24.95	-3.02	19.78	95.06	7
	20525	836.5	24.86	-3.02	19.69	93.11	7
	20600	844	24.91	-3.02	19.74	94.19	7
10M-16QAM	20450	829	24.09	-3.02	18.92	77.98	7
	20525	836.5	24.07	-3.02	18.90	77.62	7
	20600	844	23.98	-3.02	18.81	76.03	7
10M-64QAM	20450	829	23.08	-3.02	17.91	61.80	7
	20525	836.5	23.00	-3.02	17.83	60.67	7
	20600	844	23.01	-3.02	17.84	60.81	7
10M-256QAM	20450	829	20.10	-3.02	14.93	31.12	7
	20525	836.5	20.03	-3.02	14.86	30.62	7
	20600	844	20.00	-3.02	14.83	30.41	7
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
5M-QPSK	20425	826.5	24.85	-3.02	19.68	92.90	7
	20525	836.5	24.78	-3.02	19.61	91.41	7
	20625	846.5	24.82	-3.02	19.65	92.26	7
5M-16QAM	20425	826.5	24.05	-3.02	18.88	77.27	7
	20525	836.5	24.00	-3.02	18.83	76.38	7
	20625	846.5	23.94	-3.02	18.77	75.34	7
5M-64QAM	20425	826.5	23.03	-3.02	17.86	61.09	7
	20525	836.5	22.98	-3.02	17.81	60.39	7
	20625	846.5	22.90	-3.02	17.73	59.29	7
5M-256QAM	20425	826.5	19.98	-3.02	14.81	30.27	7
	20525	836.5	19.96	-3.02	14.79	30.13	7
	20625	846.5	19.92	-3.02	14.75	29.85	7
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
3M-QPSK	20415	825.5	24.91	-3.02	19.74	94.19	7
	20525	836.5	24.82	-3.02	19.65	92.26	7
	20635	847.5	24.79	-3.02	19.62	91.62	7
3M-16QAM	20415	825.5	24.02	-3.02	18.85	76.74	7
	20525	836.5	24.02	-3.02	18.85	76.74	7
	20635	847.5	23.96	-3.02	18.79	75.68	7



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3M-64QAM	20415	825.5	22.97	-3.02	17.80	60.26	7
	20525	836.5	22.95	-3.02	17.78	59.98	7
	20635	847.5	22.98	-3.02	17.81	60.39	7
3M-256QAM	20415	825.5	19.97	-3.02	14.80	30.20	7
	20525	836.5	20.02	-3.02	14.85	30.55	7
	20635	847.5	19.99	-3.02	14.82	30.34	7
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	Limit (W)
1.4M-QPSK	20407	824.7	24.93	-3.02	19.76	94.62	7
	20525	836.5	24.83	-3.02	19.66	92.47	7
	20643	848.3	24.76	-3.02	19.59	90.99	7
1.4M-16QAM	20407	824.7	24.00	-3.02	18.83	76.38	7
	20525	836.5	24.01	-3.02	18.84	76.56	7
	20643	848.3	23.90	-3.02	18.73	74.64	7
1.4M-64QAM	20407	824.7	22.98	-3.02	17.81	60.39	7
	20525	836.5	22.93	-3.02	17.76	59.70	7
	20643	848.3	22.99	-3.02	17.82	60.53	7
1.4M-256QAM	20407	824.7	20.06	-3.02	14.89	30.83	7
	20525	836.5	19.93	-3.02	14.76	29.92	7
	20643	848.3	19.93	-3.02	14.76	29.92	7



Part22_LTE Band 26_Ant0

BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	FCC Limit (W)
15M-QPSK	26865	831.5	25.14	-2.15	20.84	121.34	7
	26915	836.5	24.84	-2.15	20.54	113.24	7
	26965	841.5	25.20	-2.15	20.90	123.03	7
15M-16QAM	26865	831.5	24.41	-2.15	20.11	102.57	7
	26915	836.5	24.11	-2.15	19.81	95.72	7
	26965	841.5	24.36	-2.15	20.06	101.39	7
15M-64QAM	26865	831.5	23.35	-2.15	19.05	80.35	7
	26915	836.5	23.05	-2.15	18.75	74.99	7
	26965	841.5	23.43	-2.15	19.13	81.85	7
15M-256QAM	26865	831.5	20.35	-2.15	16.05	40.27	7
	26915	836.5	20.05	-2.15	15.75	37.58	7
	26965	841.5	20.35	-2.15	16.05	40.27	7
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	FCC Limit (W)
10M-QPSK	26840	829	24.82	-2.15	20.52	112.72	7
	26915	836.5	24.81	-2.15	20.51	112.46	7
	26990	844	25.06	-2.15	20.76	119.12	7
10M-16QAM	26840	829	24.11	-2.15	19.81	95.72	7
	26915	836.5	24.06	-2.15	19.76	94.62	7
	26990	844	24.26	-2.15	19.96	99.08	7
10M-64QAM	26840	829	23.10	-2.15	18.80	75.86	7
	26915	836.5	22.96	-2.15	18.66	73.45	7
	26990	844	23.31	-2.15	19.01	79.62	7
10M-256QAM	26840	829	20.09	-2.15	15.79	37.93	7
	26915	836.5	19.98	-2.15	15.68	36.98	7
	26990	844	20.31	-2.15	16.01	39.90	7
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	FCC Limit (W)
5M-QPSK	26815	826.5	24.78	-2.15	20.48	111.69	7
	26915	836.5	24.79	-2.15	20.49	111.94	7
	27015	846.5	25.19	-2.15	20.89	122.74	7
5M-16QAM	26815	826.5	24.03	-2.15	19.73	93.97	7



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	26915	836.5	24.03	-2.15	19.73	93.97	7
	27015	846.5	24.26	-2.15	19.96	99.08	7
5M-64QAM	26815	826.5	23.12	-2.15	18.82	76.21	7
	26915	836.5	22.94	-2.15	18.64	73.11	7
	27015	846.5	23.40	-2.15	19.10	81.28	7
5M-256QAM	26815	826.5	20.09	-2.15	15.79	37.93	7
	26915	836.5	20.02	-2.15	15.72	37.33	7
	27015	846.5	20.28	-2.15	15.98	39.63	7
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	FCC Limit (W)
3M-QPSK	26805	825.5	24.85	-2.15	20.55	113.50	7
	26915	836.5	24.78	-2.15	20.48	111.69	7
	27025	847.5	25.13	-2.15	20.83	121.06	7
3M-16QAM	26805	825.5	23.99	-2.15	19.69	93.11	7
	26915	836.5	24.07	-2.15	19.77	94.84	7
	27025	847.5	24.22	-2.15	19.92	98.17	7
3M-64QAM	26805	825.5	23.15	-2.15	18.85	76.74	7
	26915	836.5	22.92	-2.15	18.62	72.78	7
	27025	847.5	23.30	-2.15	19.00	79.43	7
3M-256QAM	26805	825.5	20.13	-2.15	15.83	38.28	7
	26915	836.5	19.99	-2.15	15.69	37.07	7
	27025	847.5	20.33	-2.15	16.03	40.09	7
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	FCC Limit (W)
1.4M-QPSK	26797	824.7	24.88	-2.15	20.58	114.29	7
	26915	836.5	24.81	-2.15	20.51	112.46	7
	27033	848.3	25.14	-2.15	20.84	121.34	7
1.4M-16QAM	26797	824.7	24.08	-2.15	19.78	95.06	7
	26915	836.5	24.08	-2.15	19.78	95.06	7
	27033	848.3	24.34	-2.15	20.04	100.93	7
1.4M-64QAM	26797	824.7	23.05	-2.15	18.75	74.99	7
	26915	836.5	22.95	-2.15	18.65	73.28	7
	27033	848.3	23.33	-2.15	19.03	79.98	7
1.4M-256QAM	26797	824.7	20.09	-2.15	15.79	37.93	7
	26915	836.5	20.04	-2.15	15.74	37.50	7
	27033	848.3	20.28	-2.15	15.98	39.63	7



Part22_LTE Band 26_Ant1

BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	FCC Limit (W)
15M-QPSK	26865	831.5	25.26	-3.02	20.09	102.09	7
	26915	836.5	24.96	-3.02	19.79	95.28	7
	26965	841.5	25.19	-3.02	20.02	100.46	7
15M-16QAM	26865	831.5	24.24	-3.02	19.07	80.72	7
	26915	836.5	23.94	-3.02	18.77	75.34	7
	26965	841.5	24.12	-3.02	18.95	78.52	7
15M-64QAM	26865	831.5	23.32	-3.02	18.15	65.31	7
	26915	836.5	23.02	-3.02	17.85	60.95	7
	26965	841.5	23.36	-3.02	18.19	65.92	7
15M-256QAM	26865	831.5	20.41	-3.02	15.24	33.42	7
	26915	836.5	20.11	-3.02	14.94	31.19	7
	26965	841.5	20.38	-3.02	15.21	33.19	7
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	FCC Limit (W)
10M-QPSK	26840	829	24.83	-3.02	19.66	92.47	7
	26915	836.5	24.81	-3.02	19.64	92.04	7
	26990	844	25.15	-3.02	19.98	99.54	7
10M-16QAM	26840	829	23.80	-3.02	18.63	72.95	7
	26915	836.5	23.87	-3.02	18.70	74.13	7
	26990	844	24.06	-3.02	18.89	77.45	7
10M-64QAM	26840	829	23.00	-3.02	17.83	60.67	7
	26915	836.5	23.01	-3.02	17.84	60.81	7
	26990	844	23.22	-3.02	18.05	63.83	7
10M-256QAM	26840	829	19.95	-3.02	14.78	30.06	7
	26915	836.5	20.02	-3.02	14.85	30.55	7
	26990	844	20.26	-3.02	15.09	32.28	7
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	FCC Limit (W)
5M-QPSK	26815	826.5	24.70	-3.02	19.53	89.74	7
	26915	836.5	24.85	-3.02	19.68	92.90	7
	27015	846.5	25.00	-3.02	19.83	96.16	7
5M-16QAM	26815	826.5	23.69	-3.02	18.52	71.12	7
	26915	836.5	23.70	-3.02	18.53	71.29	7
	27015	846.5	23.99	-3.02	18.82	76.21	7
5M-64QAM	26815	826.5	22.91	-3.02	17.74	59.43	7



	26915	836.5	22.79	-3.02	17.62	57.81	7
	27015	846.5	23.19	-3.02	18.02	63.39	7
5M-256QAM	26815	826.5	20.01	-3.02	14.84	30.48	7
	26915	836.5	19.95	-3.02	14.78	30.06	7
	27015	846.5	20.26	-3.02	15.09	32.28	7
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	FCC Limit (W)
3M-QPSK	26805	825.5	24.79	-3.02	19.62	91.62	7
	26915	836.5	24.93	-3.02	19.76	94.62	7
	27025	847.5	25.10	-3.02	19.93	98.40	7
3M-16QAM	26805	825.5	23.83	-3.02	18.66	73.45	7
	26915	836.5	23.89	-3.02	18.72	74.47	7
	27025	847.5	24.11	-3.02	18.94	78.34	7
3M-64QAM	26805	825.5	23.03	-3.02	17.86	61.09	7
	26915	836.5	23.01	-3.02	17.84	60.81	7
	27025	847.5	23.29	-3.02	18.12	64.86	7
3M-256QAM	26805	825.5	20.04	-3.02	14.87	30.69	7
	26915	836.5	20.01	-3.02	14.84	30.48	7
	27025	847.5	20.28	-3.02	15.11	32.43	7
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	ERP (dBm)	ERP (mW)	FCC Limit (W)
1.4M-QPSK	26797	824.7	24.85	-3.02	19.68	92.90	7
	26915	836.5	24.84	-3.02	19.67	92.68	7
	27033	848.3	25.12	-3.02	19.95	98.86	7
1.4M-16QAM	26797	824.7	23.86	-3.02	18.69	73.96	7
	26915	836.5	23.91	-3.02	18.74	74.82	7
	27033	848.3	24.10	-3.02	18.93	78.16	7
1.4M-64QAM	26797	824.7	23.08	-3.02	17.91	61.80	7
	26915	836.5	22.98	-3.02	17.81	60.39	7
	27033	848.3	23.23	-3.02	18.06	63.97	7
1.4M-256QAM	26797	824.7	20.03	-3.02	14.86	30.62	7
	26915	836.5	20.00	-3.02	14.83	30.41	7
	27033	848.3	20.35	-3.02	15.18	32.96	7



3.2 FREQUENCY STABILITY MEASUREMENT

3.2.1 LIMITS OF FREQUENCY STABILITY MEASUREMENT

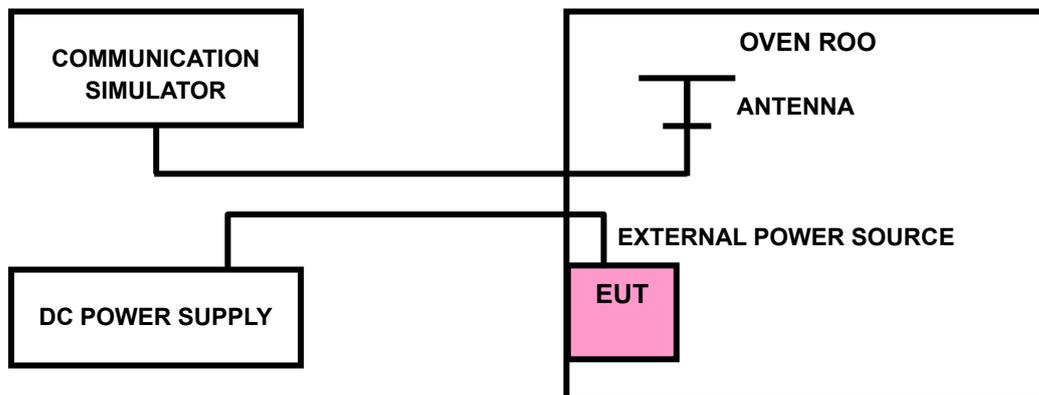
1.5 ppm is for base and fixed station. 2.5 ppm is for mobile station.

3.2.2 TEST PROCEDURE

- 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.
- 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.
- The temperature range step is 10 degrees in this test items. All temperature levels shall be hold the $\pm 0.5^{\circ}\text{C}$ 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.

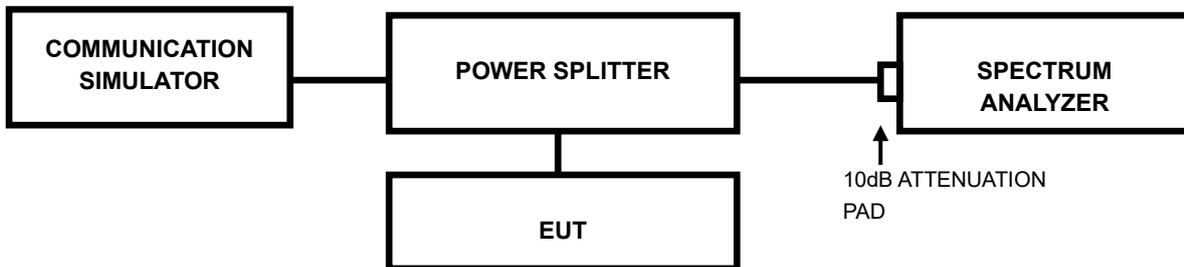


3.3 OCCUPIED BANDWIDTH MEASUREMENT

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

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

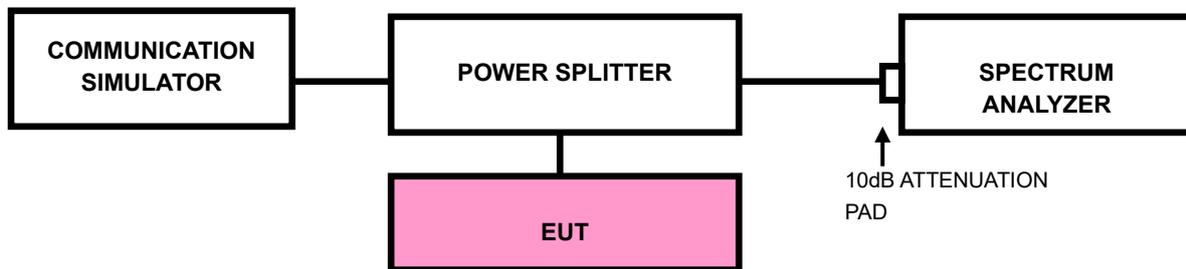


3.4 BAND EDGE MEASUREMENT

3.4.1 LIMITS OF BAND EDGE MEASUREMENT

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. In the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

3.4.2 TEST SETUP





3.4.3 TEST PROCEDURES

- a) All measurements were done at low and high operational frequency range
- b) Connect the transmitter to the spectrum analyzer via coaxial cable while ensuring proper impedance matching.
- c) Tune the analyzer to the nominal center frequency of the emission bandwidth

(EBW)
- d) .Set the resolution bandwidth (RBW) $\geq 1\%$ EBW in the 1MHz band immediately outside and adjacent to the band edge.
- e) Beyond the 1MHz band from the band edge, RBW=1MHz was used.
- f) Set the video bandwidth (VBW) to $\geq 3 \times$ RBW.
- g) Select the average power (RMS) display detector.
- h) Set the number of measurement points to ≥ 1001 .
- i) Use auto-coupled sweep time.
- j) Perform the measurement over an interval of time when the transmission is continuous and at its maximum power level.
- k) The RF fundamental frequency should be excluded against the limit line in the operating frequency band and use RBW is 10KHz or 100KHz.
- l) 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

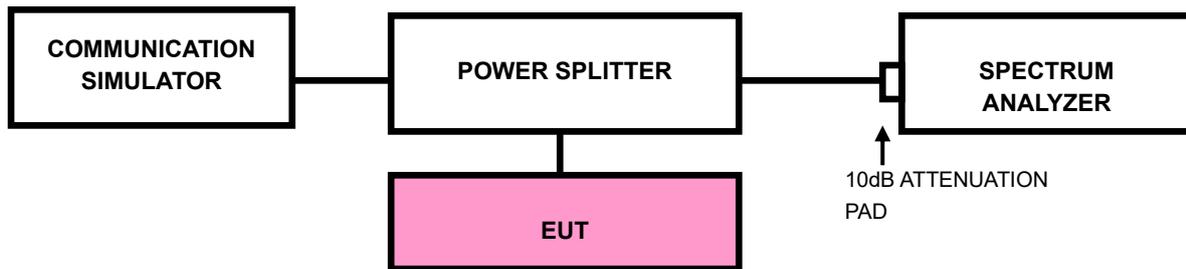
3.5.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

The power of any emission outside 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. The emission limit equal to -13dBm .

3.5.2 TEST PROCEDURE

- a. The EUT makes a phone call to the communication simulator. All measurements were done at low, middle and high 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

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. The emission limit equal to -13dBm .

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. $\text{EIRP} = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn}$.
- d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole,
 $\text{E.R.P power} = \text{E.I.P.R power} - 2.15\text{dBi}$.

NOTE: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

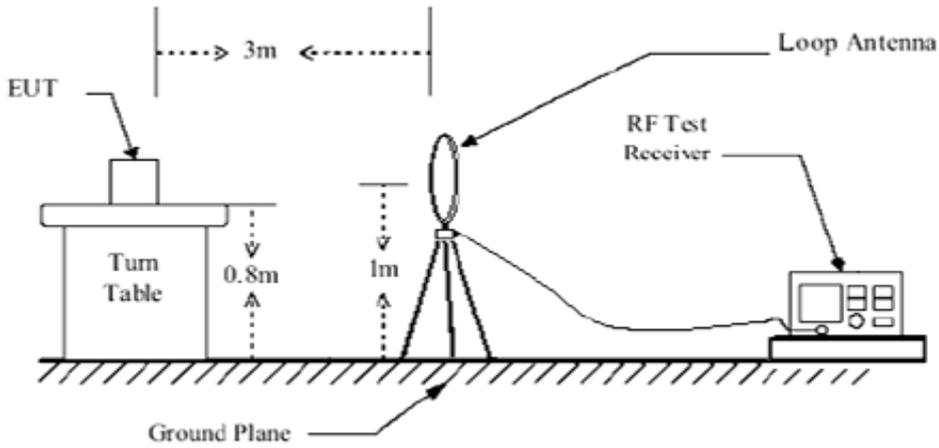
3.6.3 DEVIATION FROM TEST STANDARD

No deviation

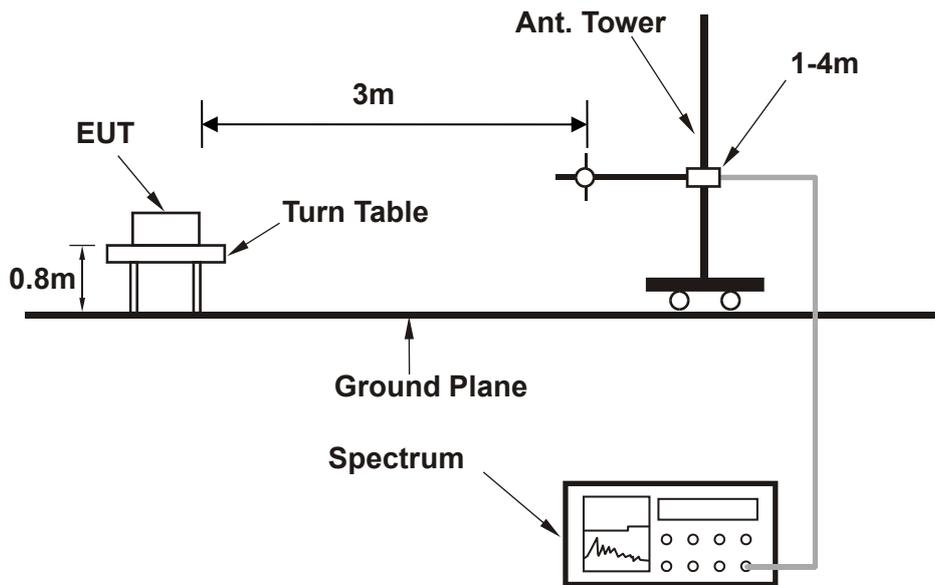


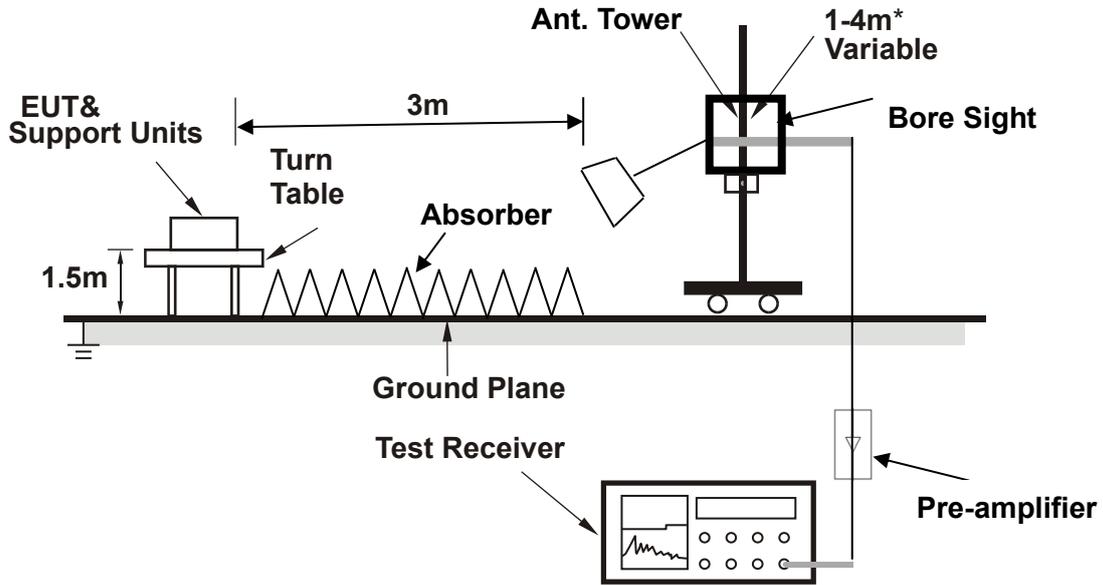
3.6.4 TEST SETUP

< Frequency Range below 30MHz >



< Frequency Range 30MHz~1GHz >





Note: Above 1G is a directional antenna

Depends on the EUT height and the antenna 3dB beamwidth both, refer to section 7.3 of CISPR 16-2-3.

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



3.6.5 TEST RESULTS

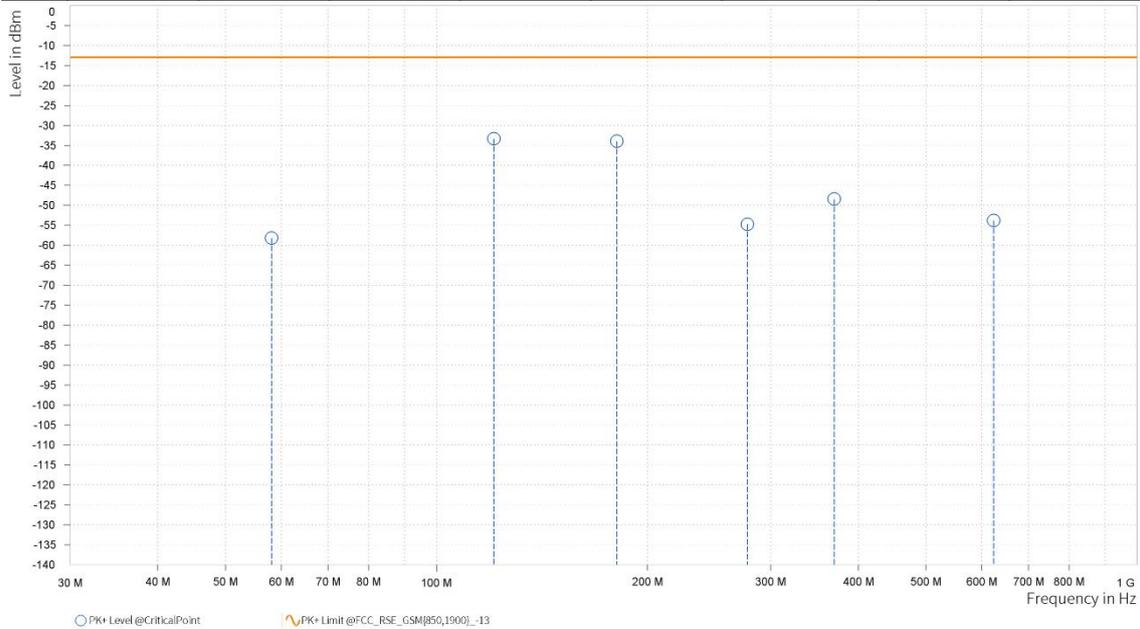
NOTE : The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

BELOW 1GHz WORST-CASE DATA

GSM 850			
MODE	TX channel 128	FREQUENCY RANGE	Below 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	120Vac 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	58.130	-58.21	-13.00	45.21	0.47	V	329.3	1.00
1	120.695	-33.33	-13.00	20.33	-0.56	V	352.9	2.00
1	180.835	-33.98	-13.00	20.98	-4.63	V	219.3	1.00
1	277.835	-54.74	-13.00	41.74	3.04	V	52.2	2.00
1	369.500	-48.45	-13.00	35.45	4.66	V	52.2	2.00
1	624.125	-53.85	-13.00	40.85	4.29	V	5	1.00

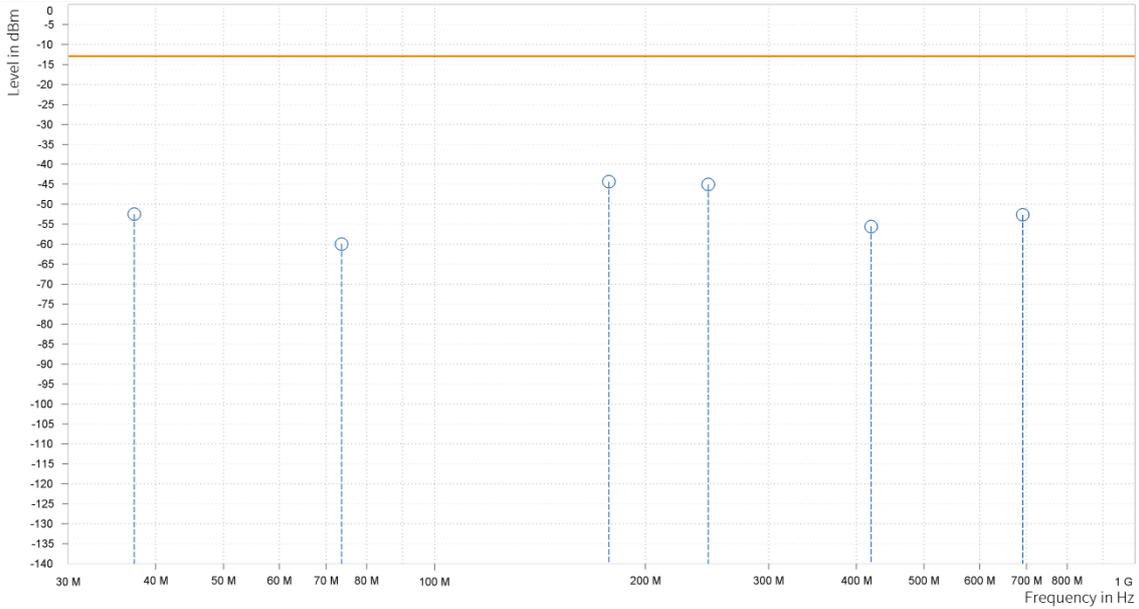




MODE	TX channel 128	FREQUENCY RANGE	Below 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	120Vac 60HZ
TESTED BY	Hanwen Xu		

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	37.275	-52.50	-13.00	39.50	4.22	H	110.5	1.00
1	73.650	-59.98	-13.00	46.98	-7.91	H	134.8	2.00
1	177.440	-44.36	-13.00	31.36	-3.96	H	355.1	2.00
1	245.825	-45.08	-13.00	32.08	2.29	H	134.8	2.00
1	419.940	-55.58	-13.00	42.58	5.90	H	329.2	1.00
1	691.540	-52.67	-13.00	39.67	6.82	H	244.8	2.00





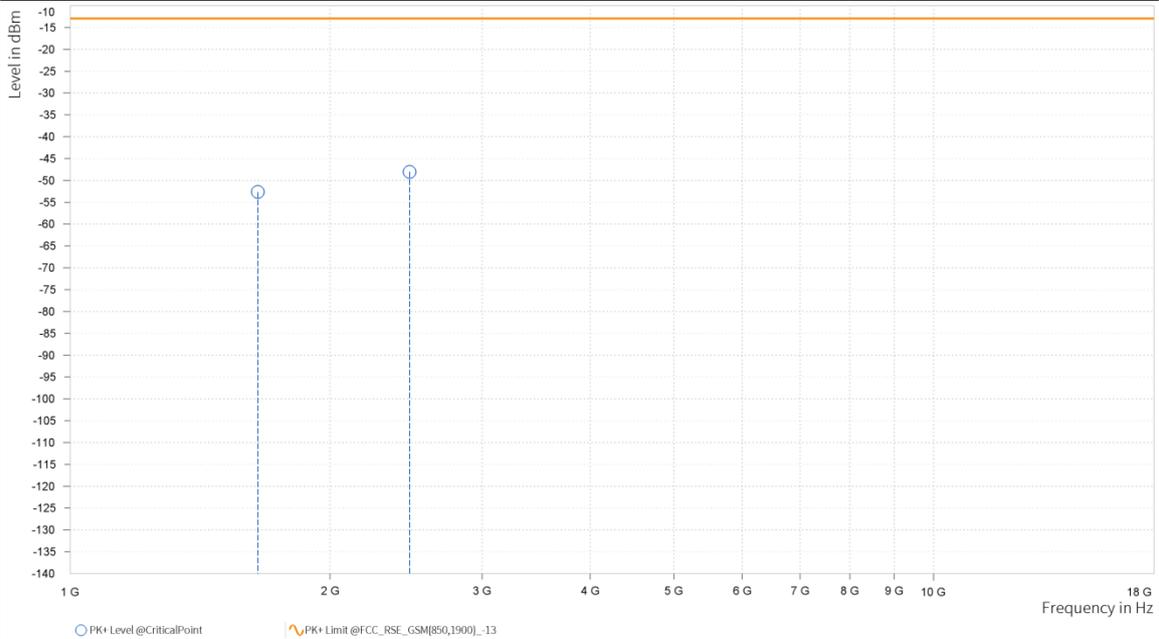
ABOVE 1GHz DATA

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

GSM 850			
MODE	TX channel 128	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	120Vac 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	1,648.400	-52.67	-13.00	39.67	16.68	H	359	2.00
3	2,472.600	-48.04	-13.00	35.04	21.67	H	0.9	2.00

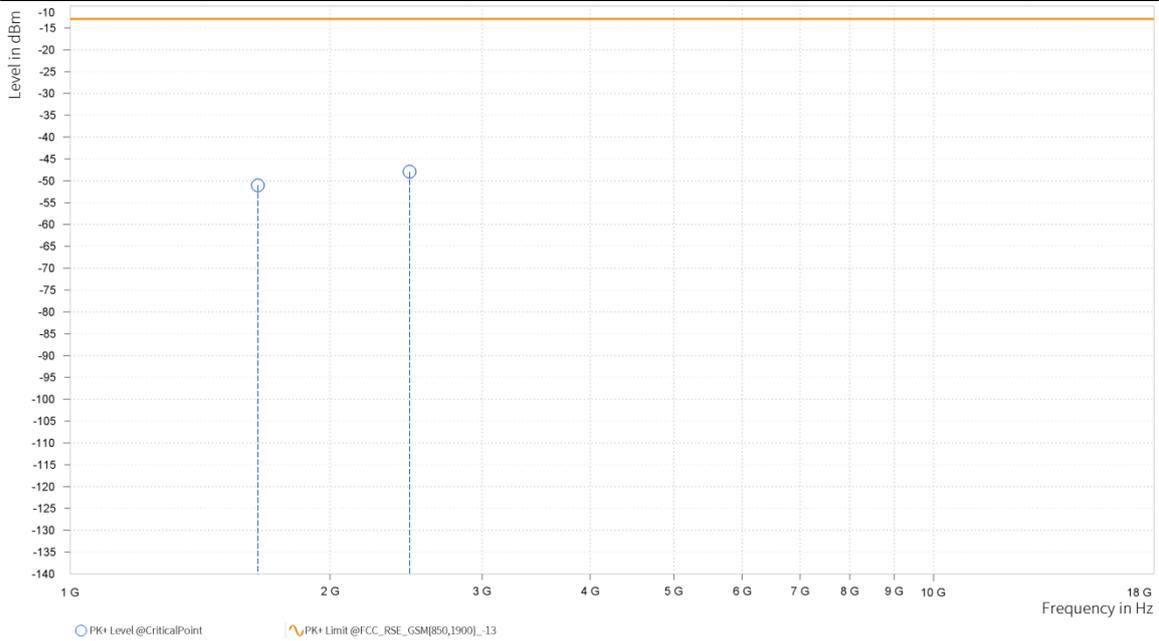




MODE	TX channel 128	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	120Vac 60HZ
TESTED BY	Hanwen Xu		

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	1,648.400	-51.03	-13.00	38.03	16.26	V	94.9	1.00
3	2,472.600	-47.92	-13.00	34.92	21.92	V	186.2	2.00

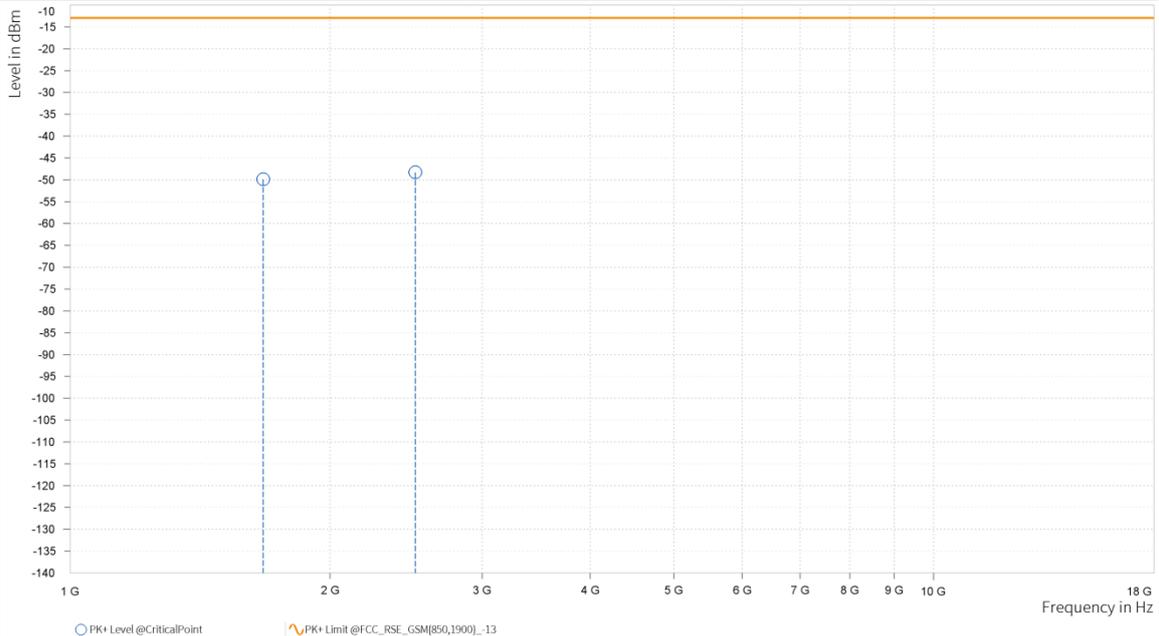




MODE	TX channel 189	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	120Vac 60HZ
TESTED BY	Hanwen Xu		

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	1,672.800	-49.90	-13.00	36.90	17.47	H	94.9	1.00
3	2,509.200	-48.31	-13.00	35.31	21.81	H	186.1	2.00

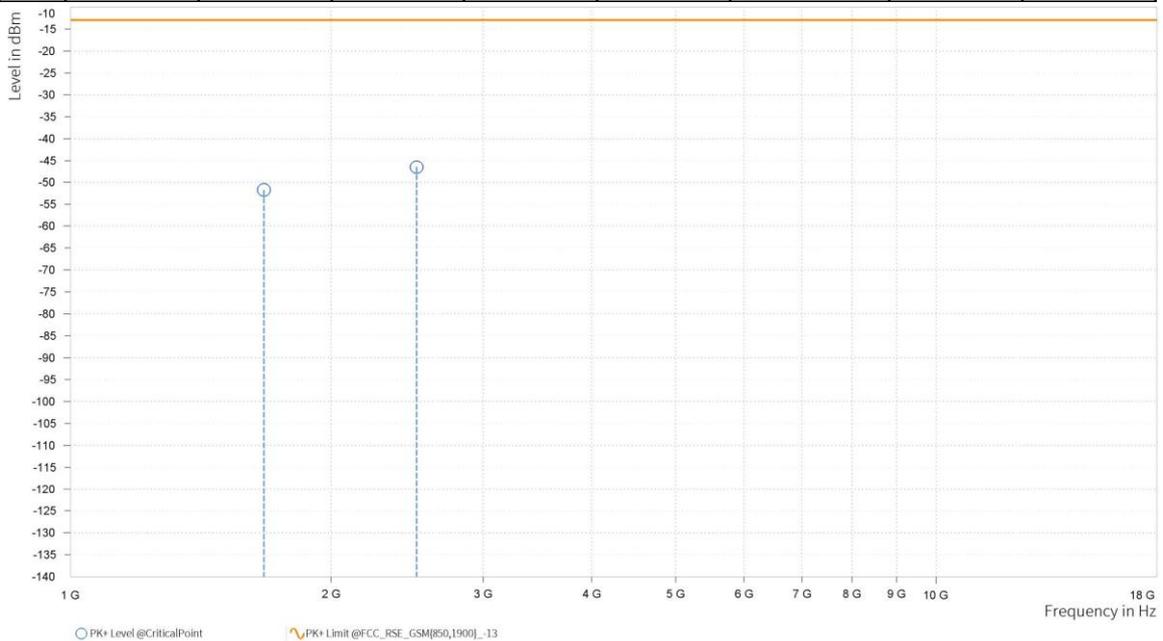




MODE	TX channel 189	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	120Vac 60HZ
TESTED BY	Hanwen Xu		

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	1,672.800	-52.75	-13.00	39.75	16.36	V	359	2.00
3	2,509.200	-46.07	-13.00	33.07	22.42	V	359.1	1.00

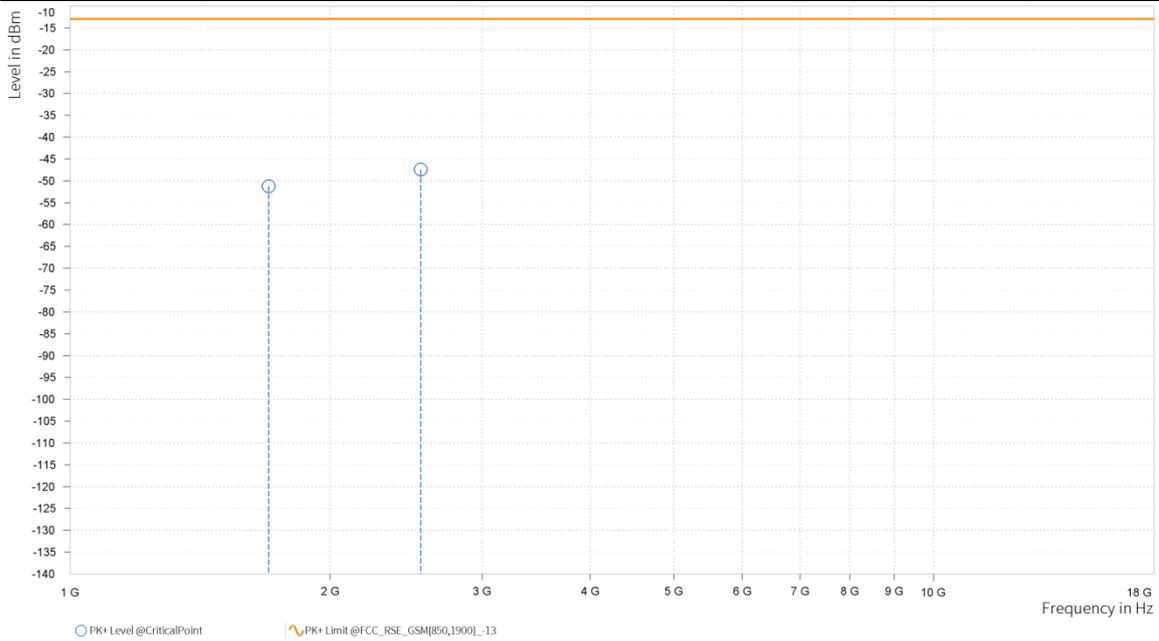




MODE	TX channel 251	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	120Vac 60HZ
TESTED BY	Hanwen Xu		

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	1,697.600	-51.25	-13.00	38.25	17.92	H	1	1.00
3	2,546.400	-47.41	-13.00	34.41	21.95	H	359	1.00

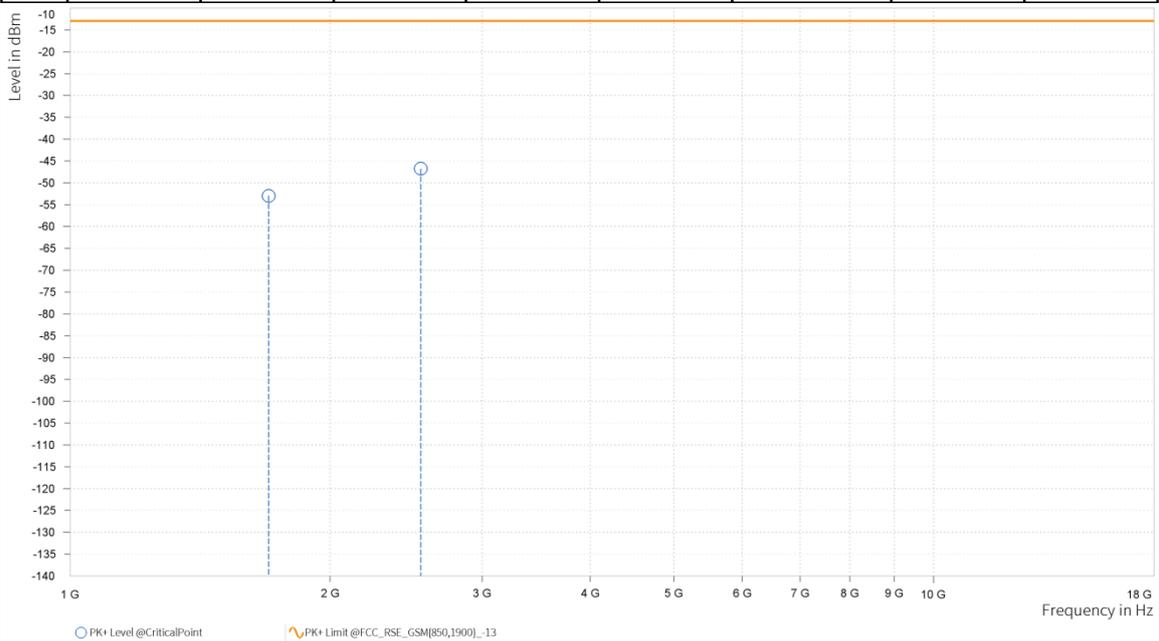




MODE	TX channel 251	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	120Vac 60HZ
TESTED BY	Hanwen Xu		

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	1,697.600	-52.98	-13.00	39.98	17.14	V	1	1.00
3	2,546.400	-46.77	-13.00	33.77	22.57	V	171.4	1.00

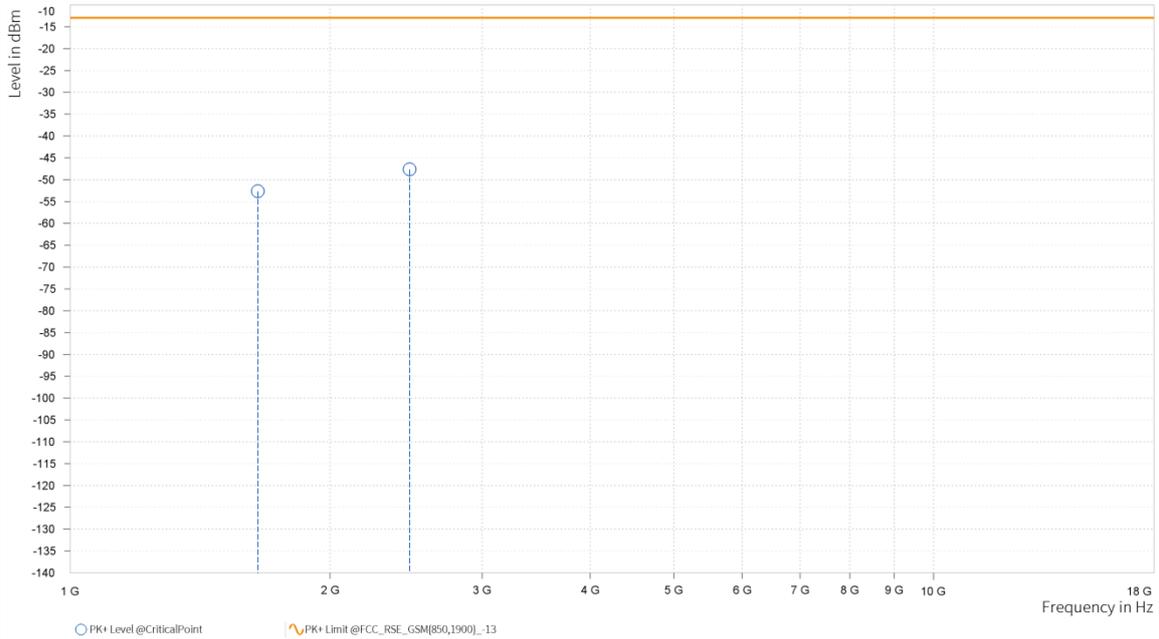




EDGE 850			
MODE	TX channel 128	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	120Vac 60HZ
TESTED BY	Hanwen Xu		

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	1,648.400	-52.67	-13.00	39.67	16.68	H	359	2.00
3	2,472.600	-47.64	-13.00	34.64	21.67	H	172.6	1.00





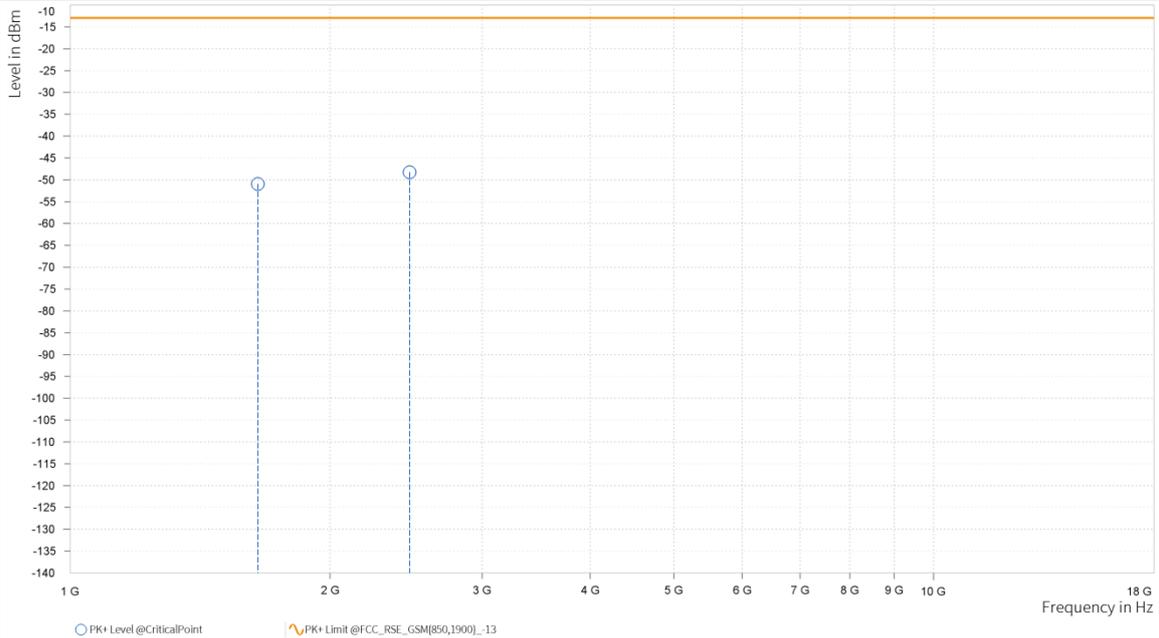
**BUREAU
VERITAS**

Test Report No.: PSZ-QBJ2501200112RF01

MODE	TX channel 128	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	120Vac 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	1,648.400	-50.93	-13.00	37.93	16.26	V	123.5	1.00
3	2,472.600	-48.26	-13.00	35.26	21.92	V	188.6	2.00





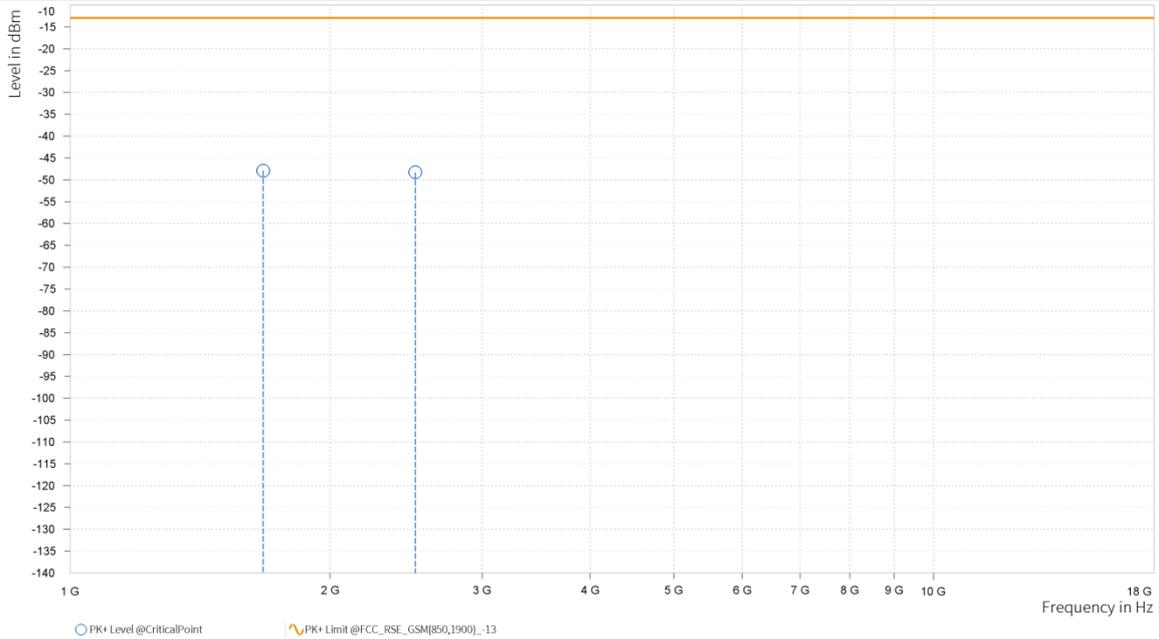
**BUREAU
VERITAS**

Test Report No.: PSZ-QBJ2501200112RF01

MODE	TX channel 189	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	120Vac 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	1,672.800	-47.90	-13.00	34.90	17.47	H	257.9	2.00
3	2,509.200	-48.29	-13.00	35.29	21.81	H	109.7	2.00

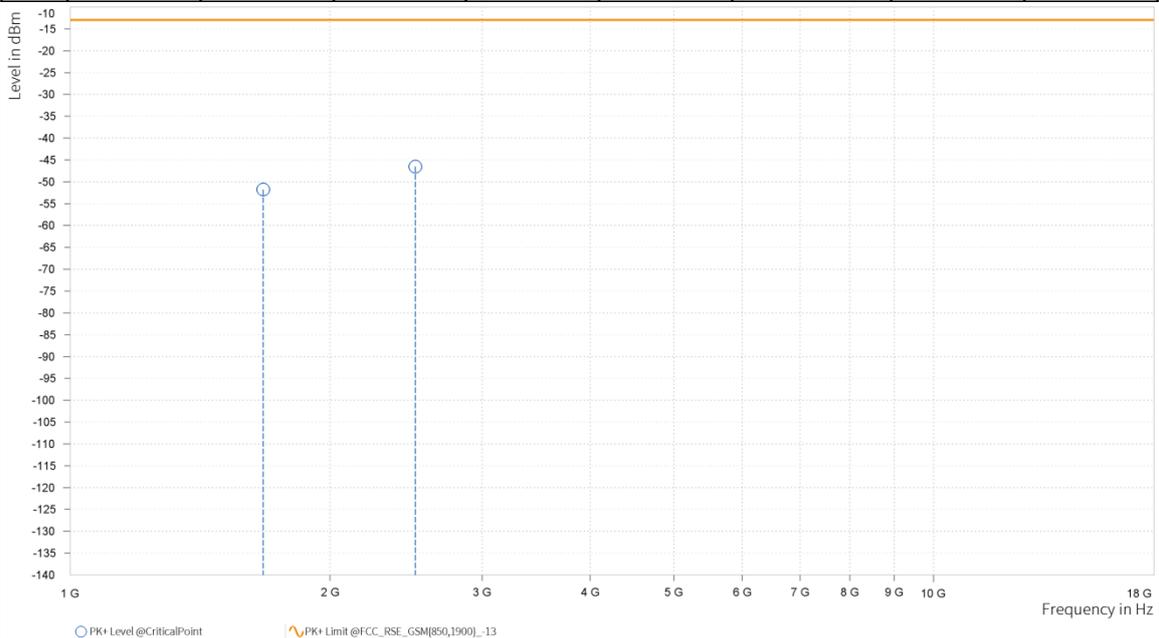




MODE	TX channel 189	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	120Vac 60HZ
TESTED BY	Hanwen Xu		

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	1,672.800	-51.77	-13.00	38.77	16.36	V	359	2.00
3	2,509.200	-46.51	-13.00	33.51	22.42	V	229.9	1.00

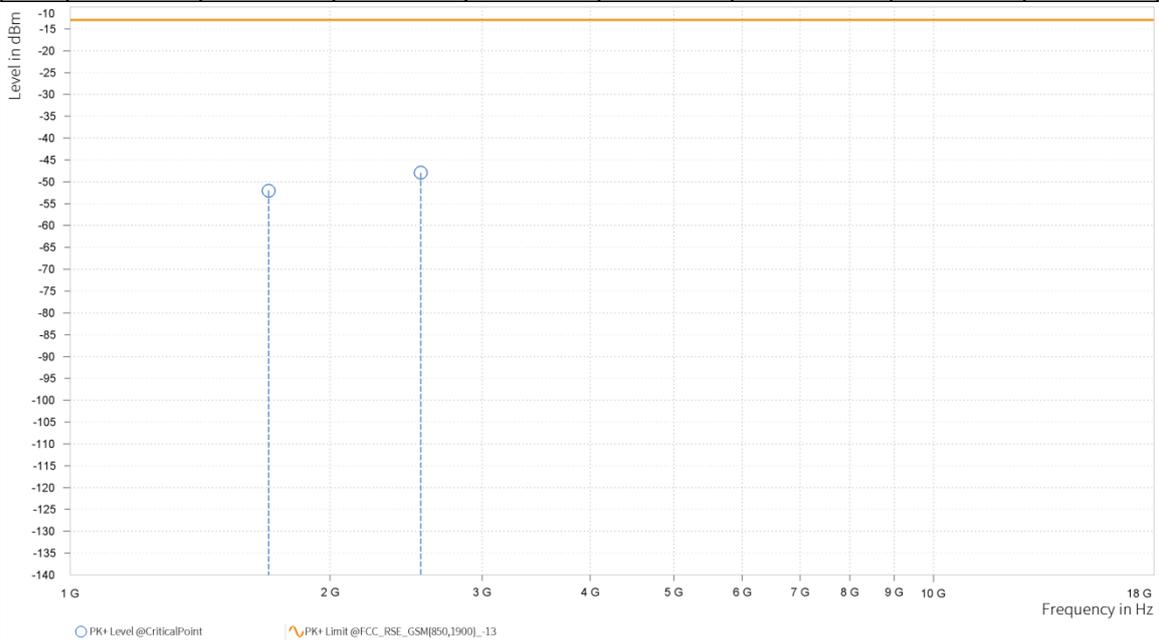




MODE	TX channel 251	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	120Vac 60HZ
TESTED BY	Hanwen Xu		

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	1,697.600	-52.04	-13.00	39.04	17.92	H	267.4	2.00
3	2,546.400	-47.92	-13.00	34.92	21.95	H	1	1.00

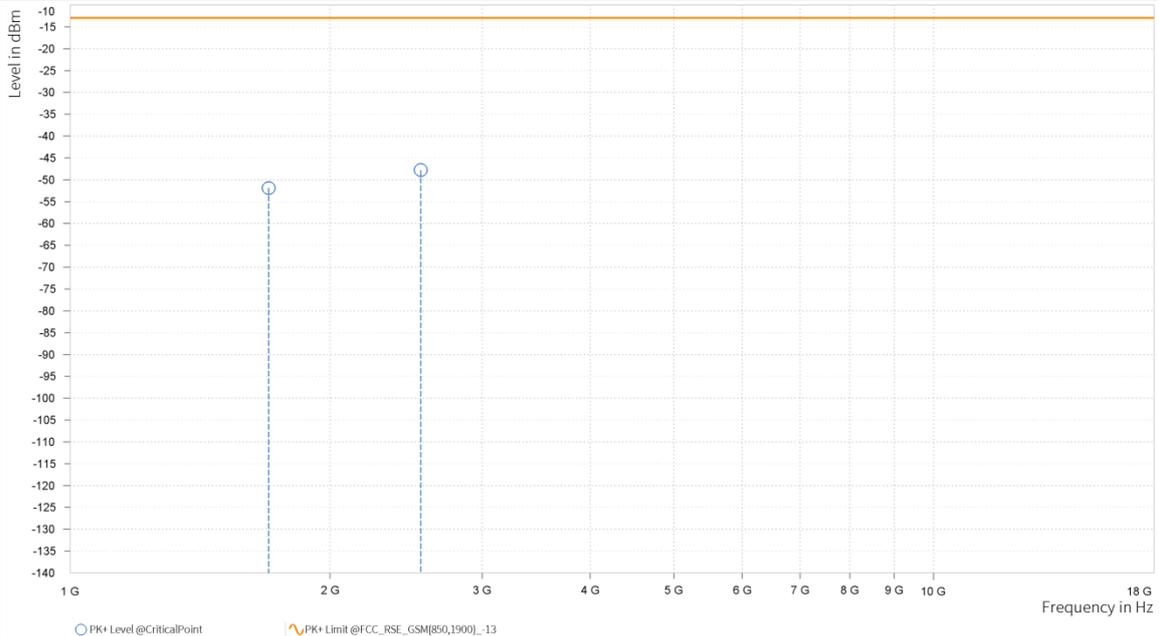




MODE	TX channel 251	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	120Vac 60HZ
TESTED BY	Hanwen Xu		

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	1,697.600	-51.90	-13.00	38.90	17.14	V	359	1.00
3	2,546.400	-47.80	-13.00	34.80	22.57	V	359	1.00

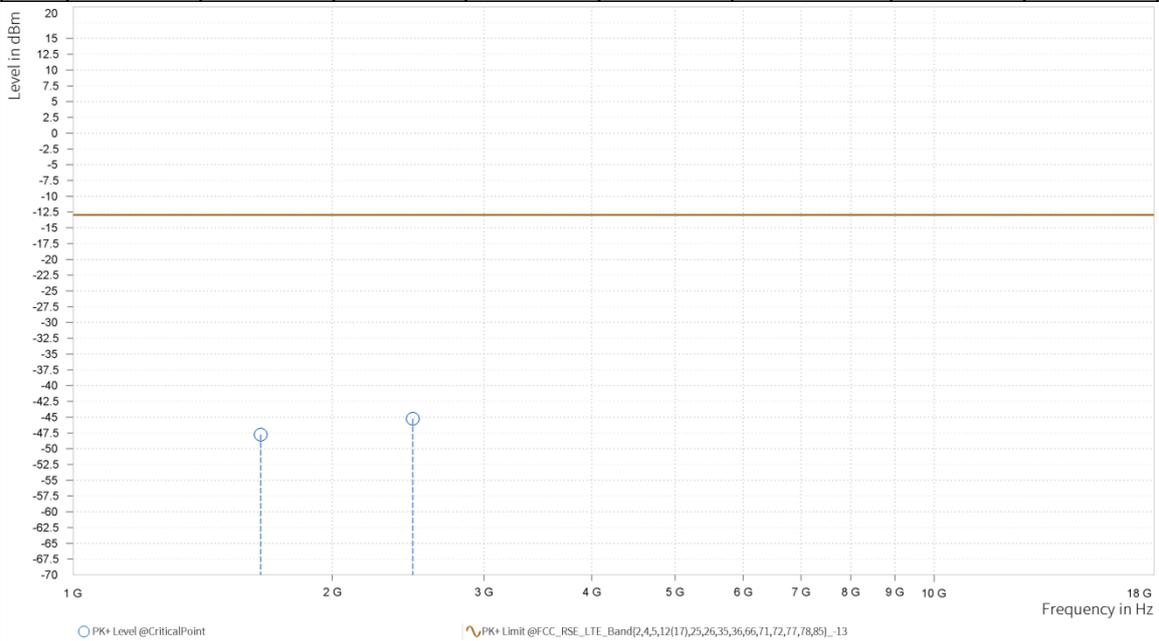




WCDMA Band V			
MODE	TX channel 4132	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	120Vac 60HZ
TESTED BY	Hanwen Xu		

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	1,651.000	-47.76	-13.00	34.76	18.75	H	2.4	2.00
3	2,479.200	-45.24	-13.00	32.24	24.36	H	1.1	2.00

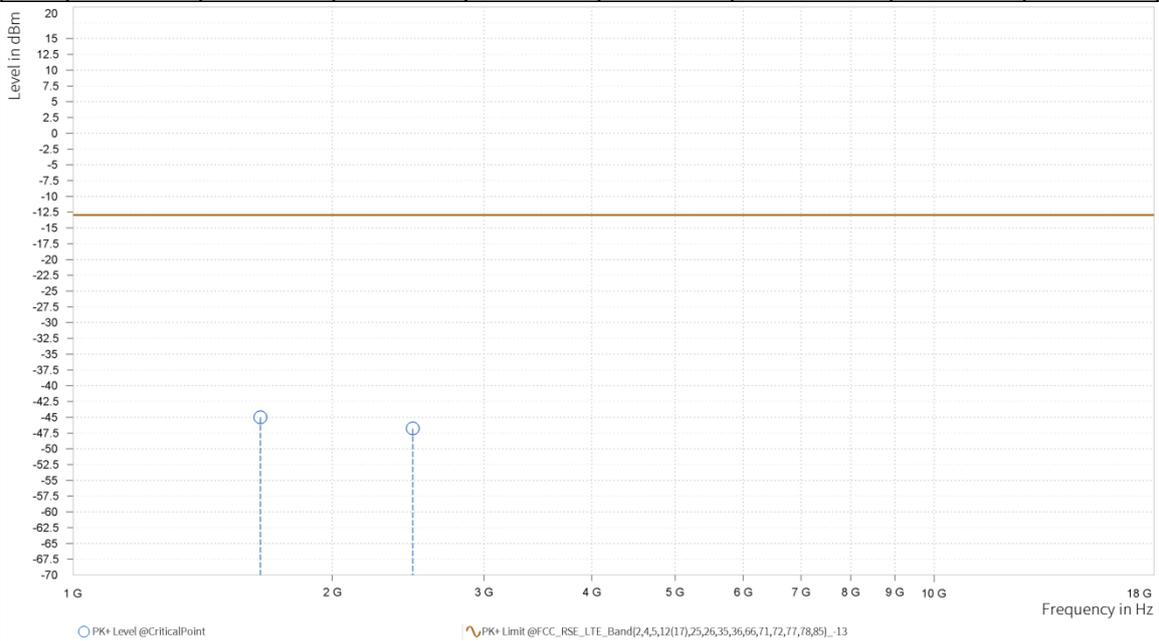




MODE	TX channel 4132	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	120Vac 60HZ
TESTED BY	Hanwen Xu		

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	1,650.500	-45.02	-13.00	32.02	18.17	V	359	2.00
3	2,479.200	-46.78	-13.00	33.78	24.04	V	1	1.00

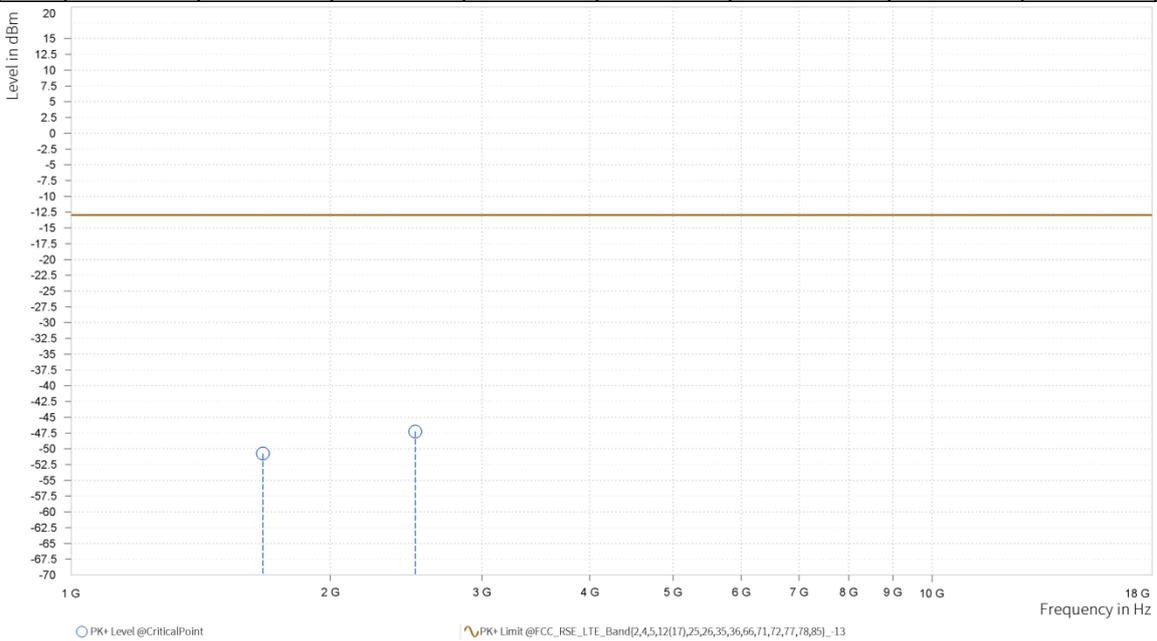




MODE	TX channel 4182	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	120Vac 60HZ
TESTED BY	Hanwen Xu		

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	1,670.000	-50.76	-13.00	37.76	19.77	H	359.1	1.00
3	2,509.200	-47.26	-13.00	34.26	23.80	H	215.8	2.00

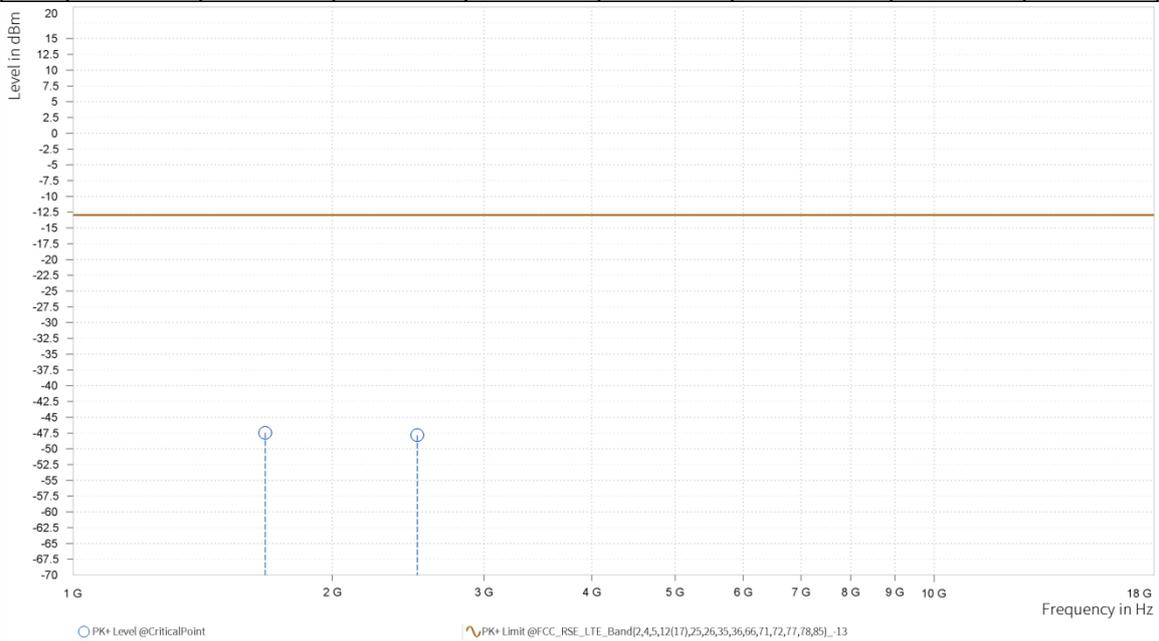




MODE	TX channel 4182	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	120Vac 60HZ
TESTED BY	Hanwen Xu		

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	1,671.500	-47.47	-13.00	34.47	19.62	V	2.6	2.00
3	2,509.000	-47.84	-13.00	34.84	23.47	V	229.1	2.00

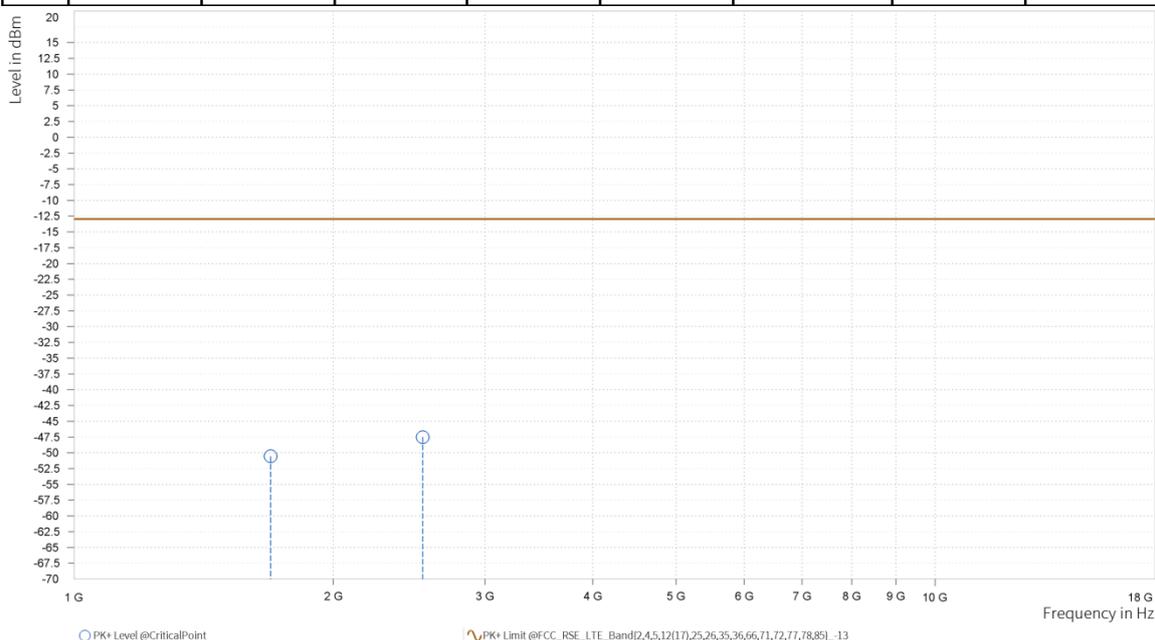




MODE	TX channel 4233	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	120Vac 60HZ
TESTED BY	Hanwen Xu		

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	1,691.500	-50.55	-13.00	37.55	20.40	H	1.7	2.00
3	2,539.800	-47.52	-13.00	34.52	23.38	H	184.8	1.00

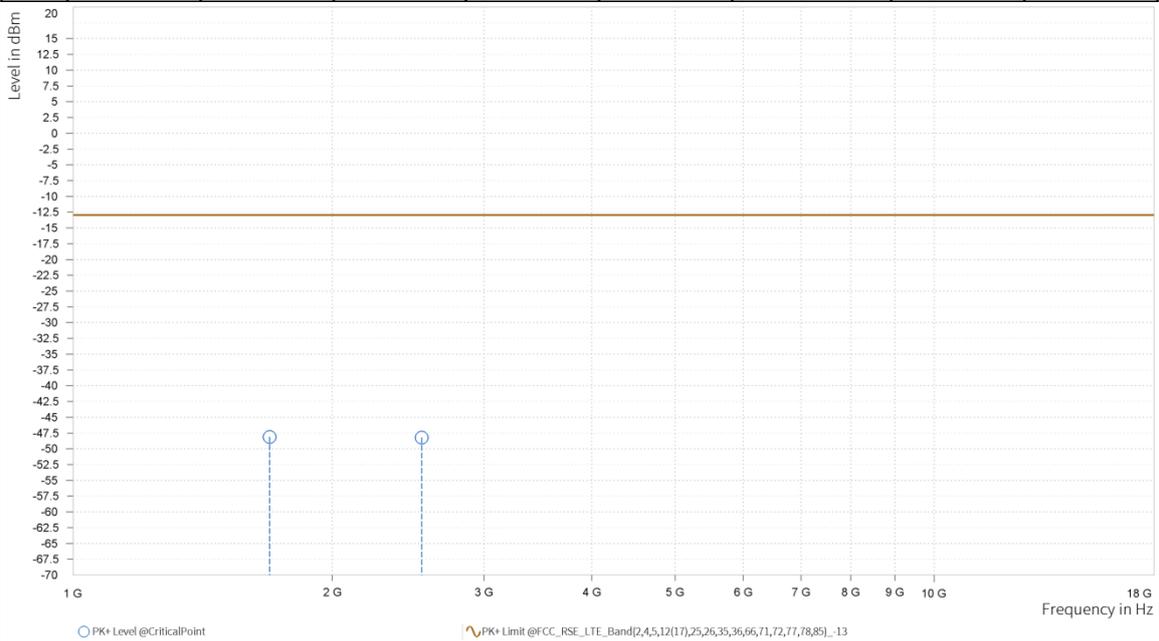


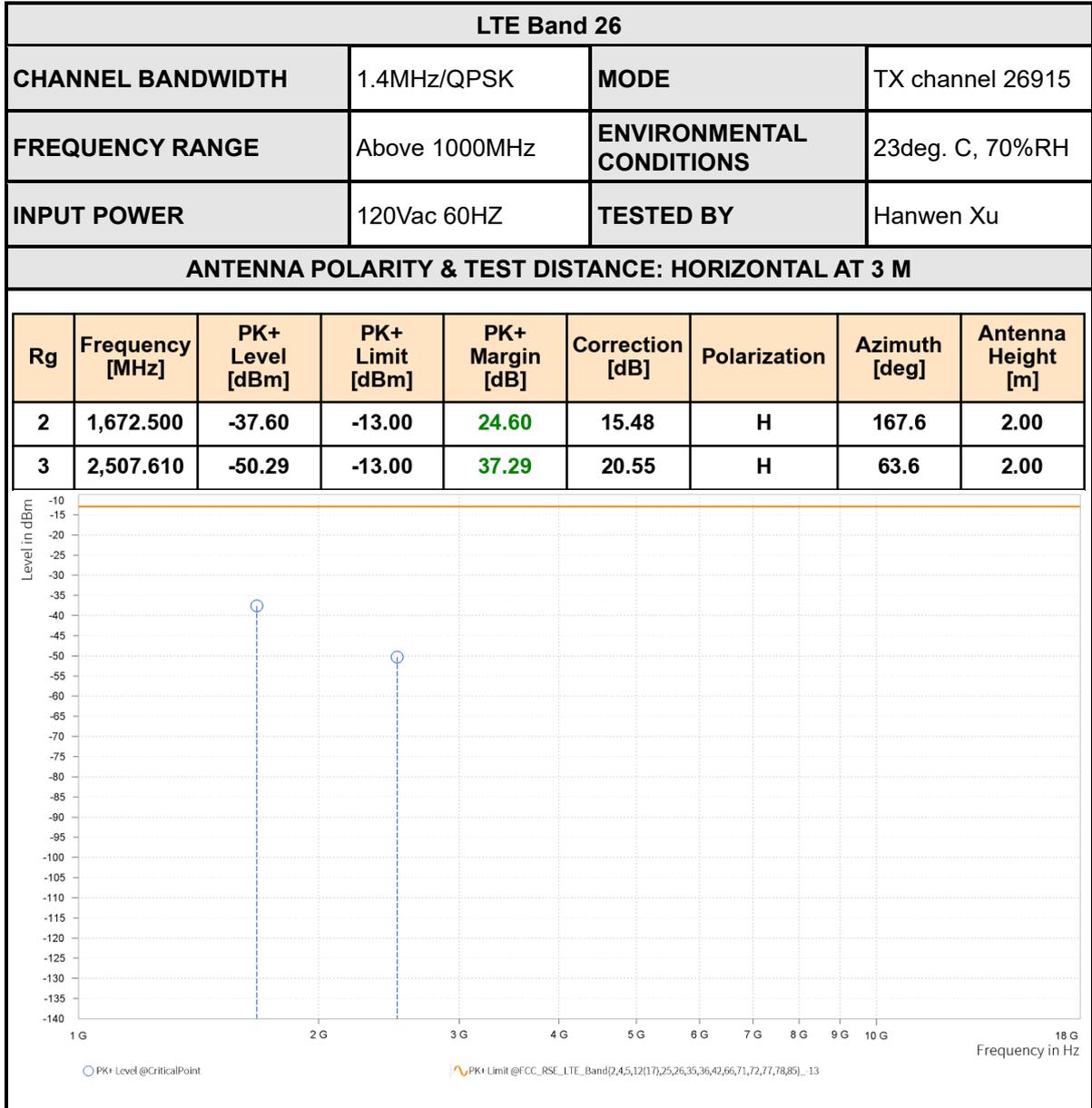


MODE	TX channel 4233	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	120Vac 60HZ
TESTED BY	Hanwen Xu		

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	1,691.500	-48.11	-13.00	35.11	20.50	V	359	2.00
3	2,539.800	-48.21	-13.00	35.21	23.15	V	359.1	1.00



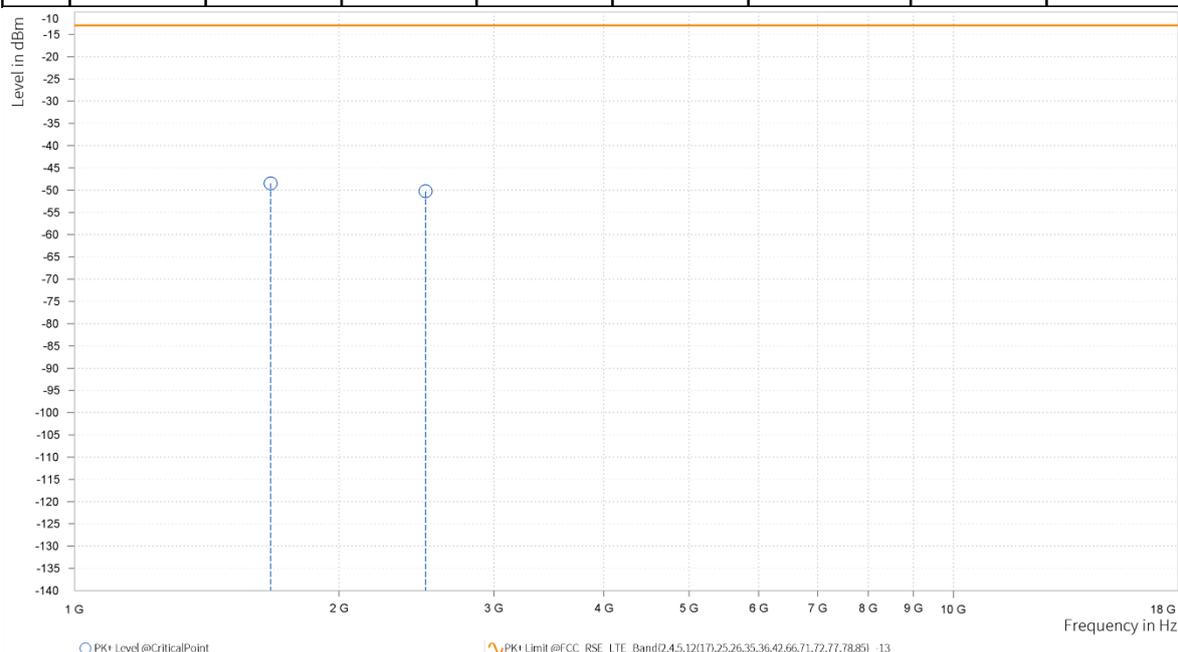




CHANNEL BANDWIDTH	1.4MHz/QPSK	MODE	TX channel 26915
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

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	1,672.000	-48.46	-13.00	35.46	14.36	V	1	2.00
3	2,507.610	-50.24	-13.00	37.24	21.12	V	358.1	2.00

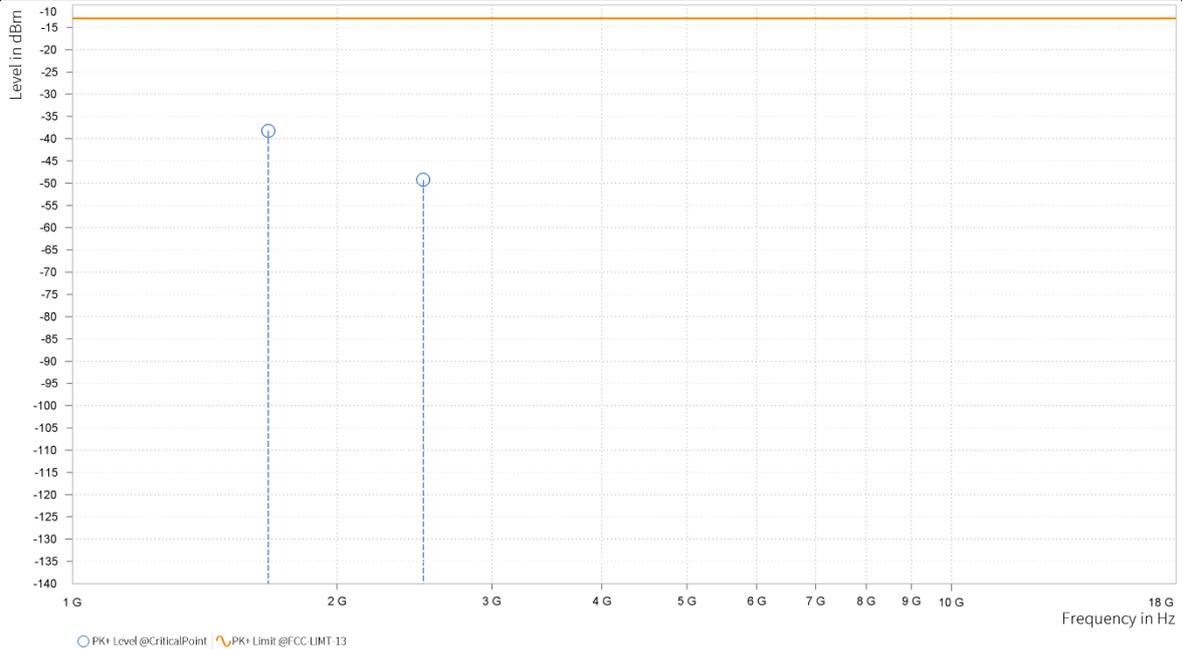




CHANNEL BANDWIDTH	3MHz/QPSK	MODE	TX channel 26915
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

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	1,670.000	-38.22	-13.00	25.22	15.43	H	166.8	2.00
3	2,505.450	-49.23	-13.00	36.23	20.59	H	225.6	2.00

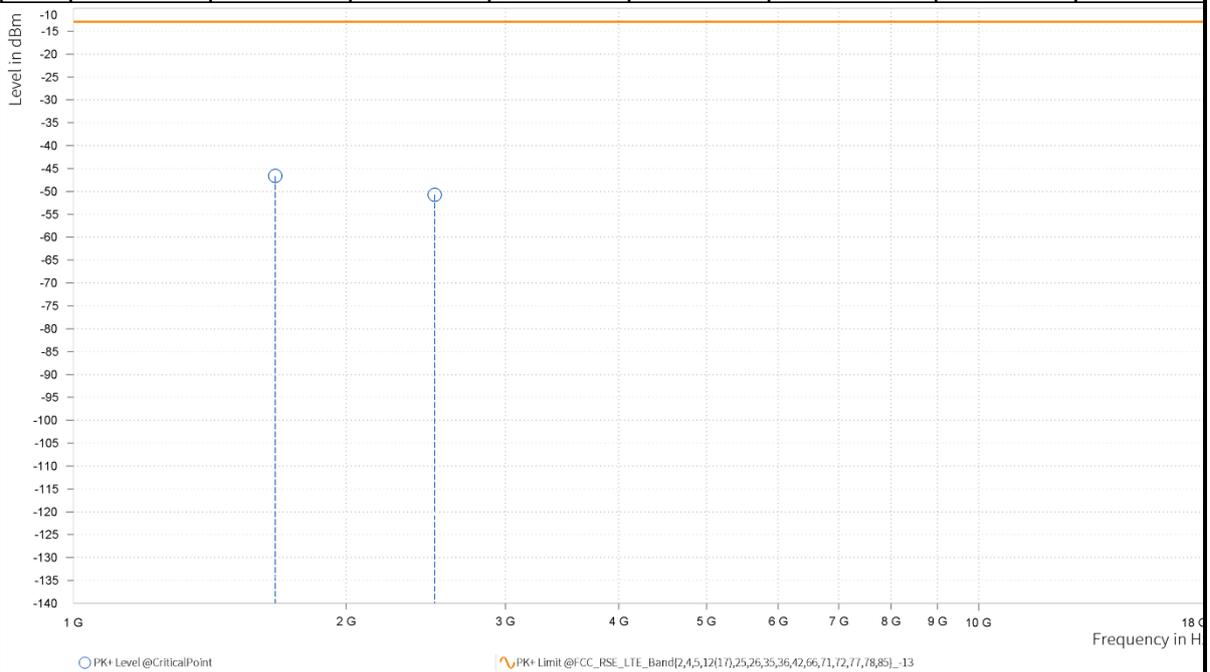




CHANNEL BANDWIDTH	3MHz/QPSK	MODE	TX channel 26915
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

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	1,670.500	-46.62	-13.00	33.62	14.33	V	167.6	2.00
3	2,505.450	-50.72	-13.00	37.72	21.10	V	331.8	2.00

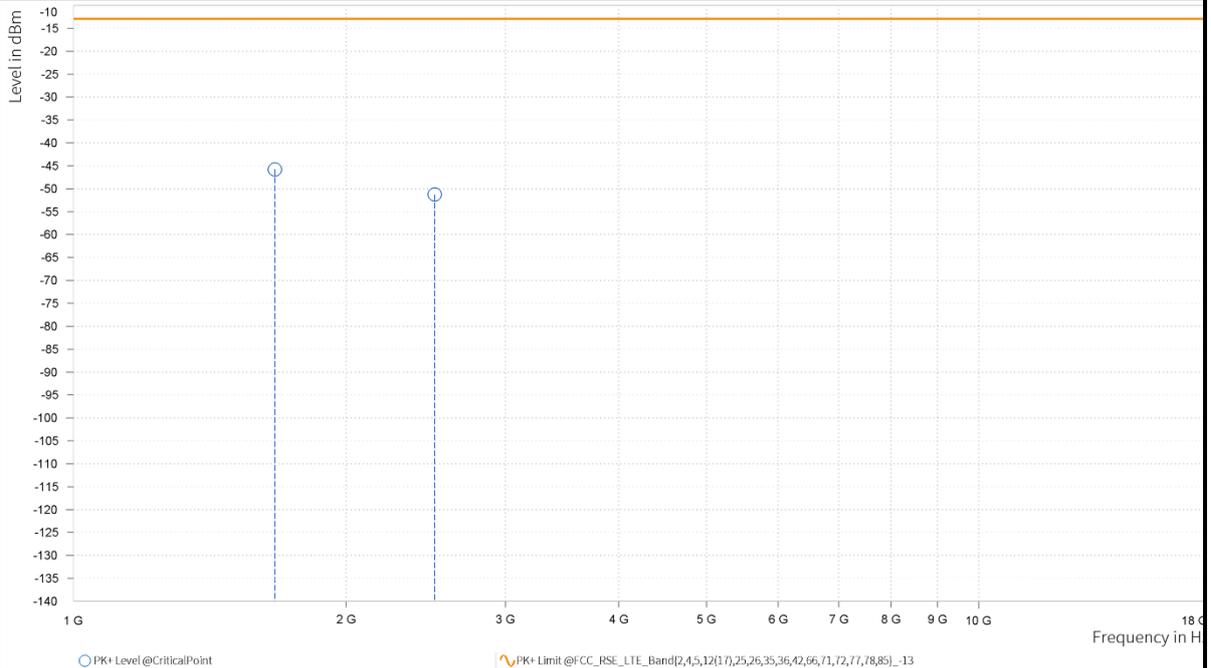




CHANNEL BANDWIDTH	5MHz/QPSK	MODE	TX channel 26915
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

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	1,669.000	-45.79	-13.00	32.79	15.41	H	1	2.00
3	2,505.450	-51.28	-13.00	38.28	20.59	H	359.1	2.00

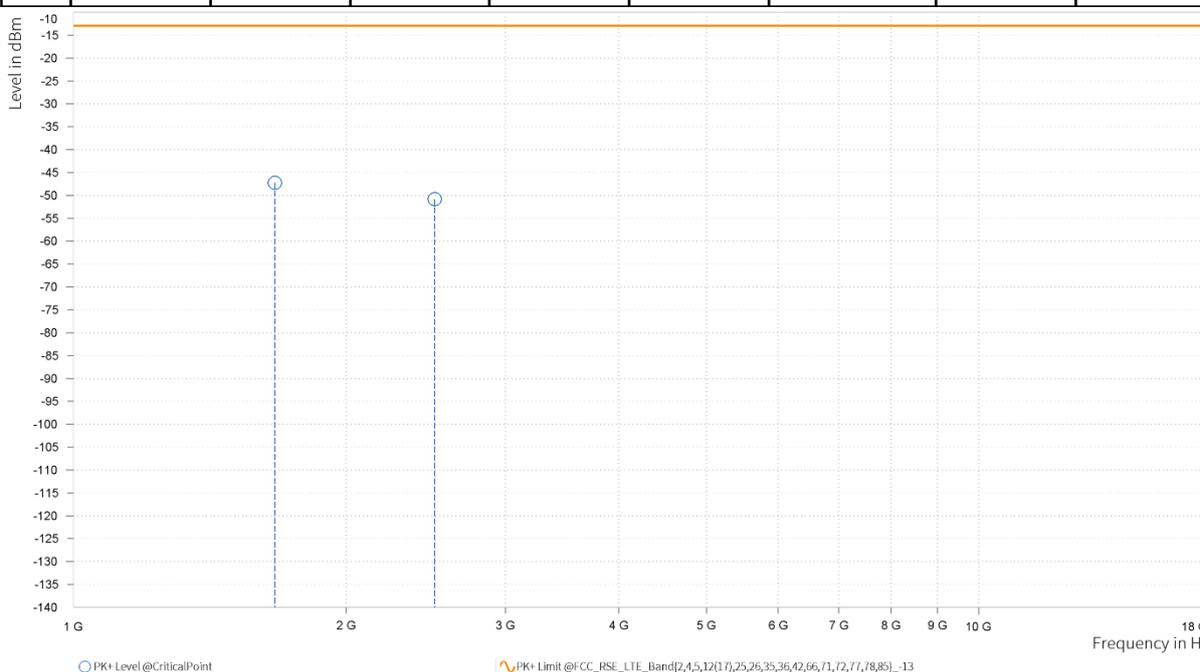




CHANNEL BANDWIDTH	5MHz/QPSK	MODE	TX channel 26915
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

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	1,669.000	-47.23	-13.00	34.23	14.30	V	168.4	2.00
3	2,505.450	-50.85	-13.00	37.85	21.10	V	175.4	2.00

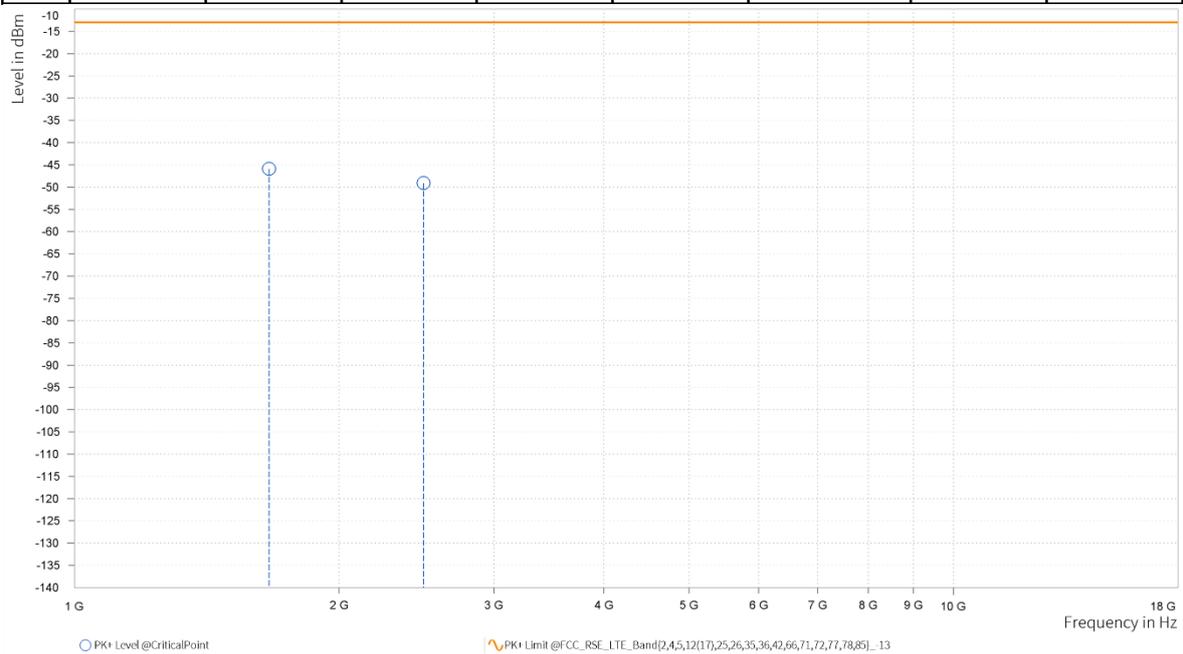




CHANNEL BANDWIDTH	10MHz/QPSK	MODE	TX channel 26915
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

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	1,664.000	-45.88	-13.00	32.88	15.32	H	166.1	2.00
3	2,496.000	-49.11	-13.00	36.11	20.76	H	359.1	2.00

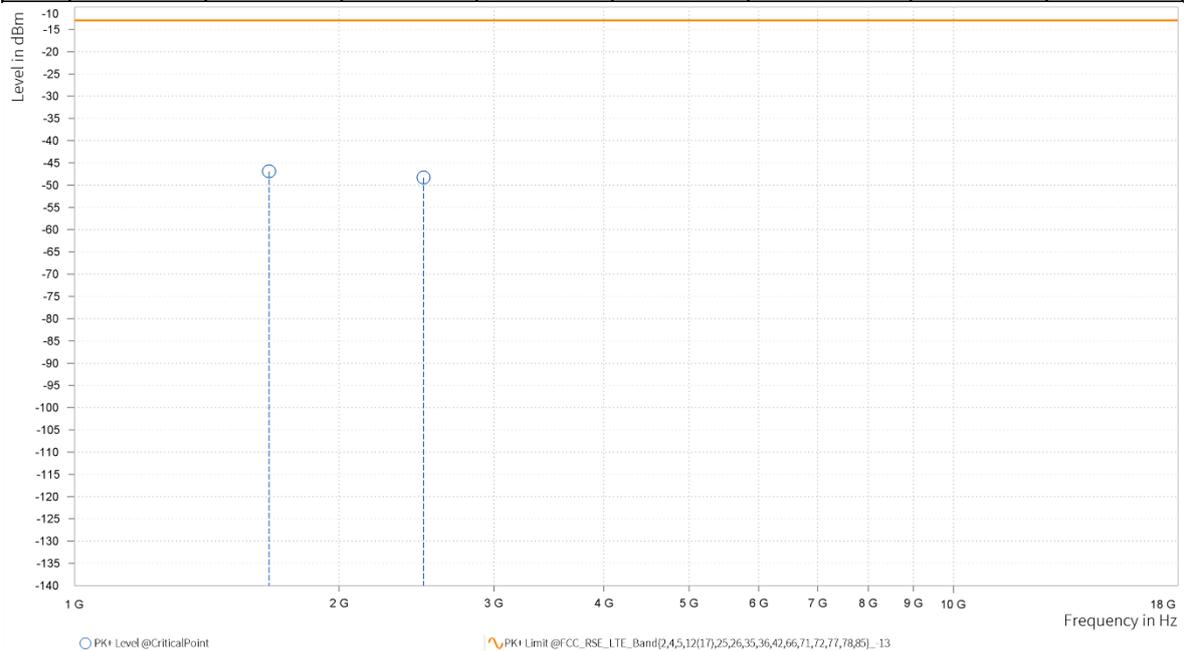




CHANNEL BANDWIDTH	10MHz/QPSK	MODE	TX channel 26915
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

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	1,664.000	-46.92	-13.00	33.92	14.20	V	165.4	2.00
3	2,496.000	-48.28	-13.00	35.28	21.03	V	174	2.00

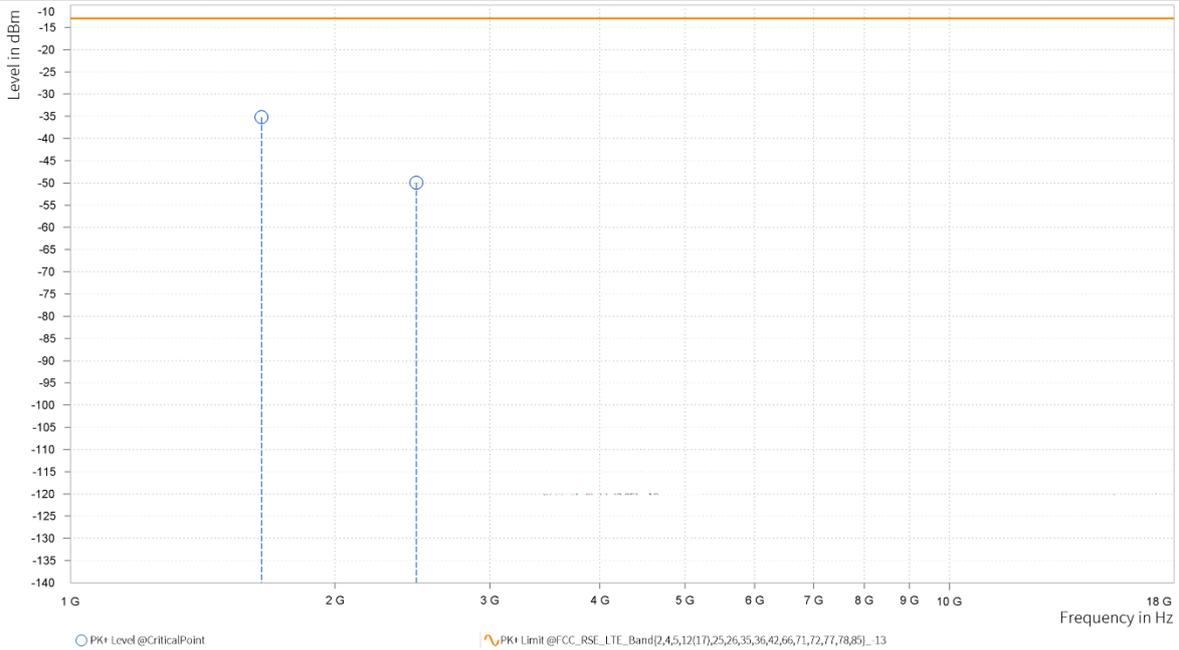




CHANNEL BANDWIDTH	15MHz/QPSK	MODE	TX channel 26865
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

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	1,649.500	-35.20	-13.00	22.20	14.85	H	166.2	2.00
3	2,474.250	-49.92	-13.00	36.92	20.32	H	322.6	2.00

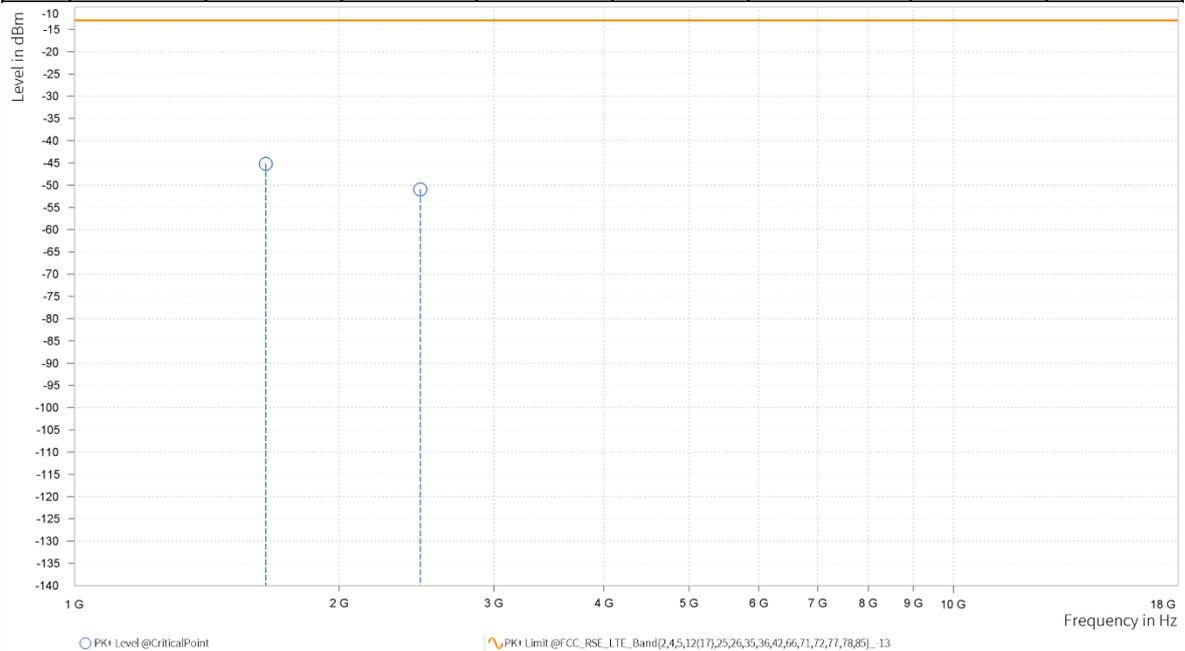




CHANNEL BANDWIDTH	15MHz/QPSK	MODE	TX channel 26865
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

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	1,650.000	-45.21	-13.00	32.21	14.35	V	169	2.00
3	2,474.250	-50.95	-13.00	37.95	20.57	V	63.5	2.00

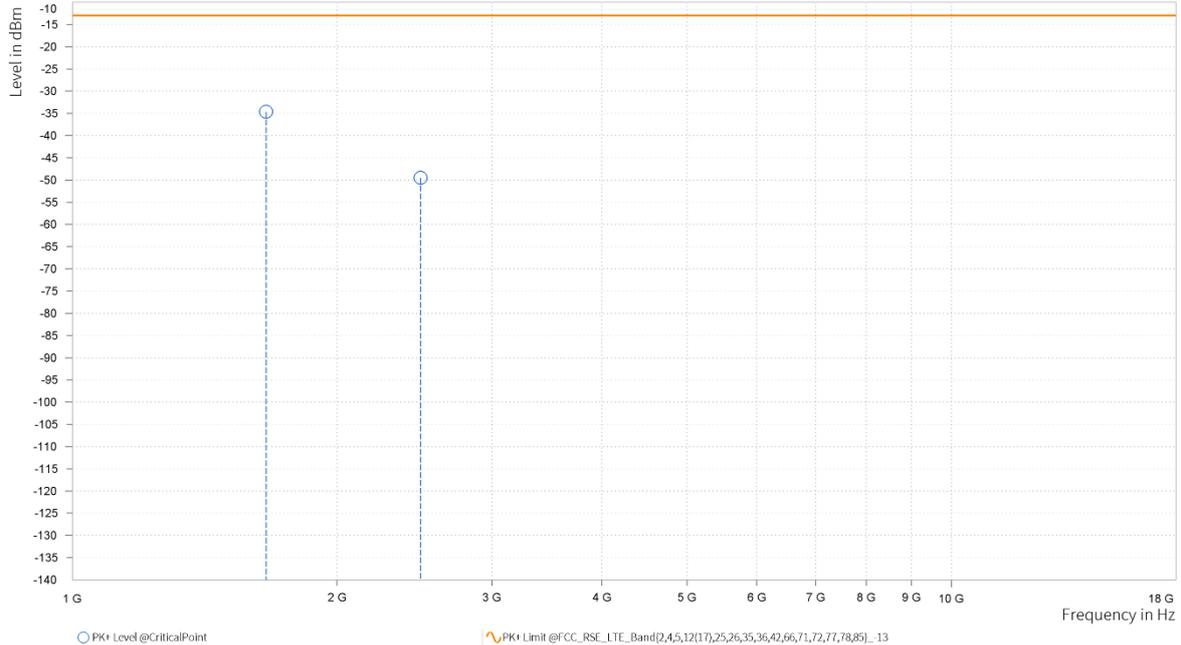




CHANNEL BANDWIDTH	15MHz/QPSK	MODE	TX channel 26915
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

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	1,660.000	-34.63	-13.00	21.63	15.24	H	168.3	2.00
3	2,489.250	-49.53	-13.00	36.53	20.68	H	358.5	2.00

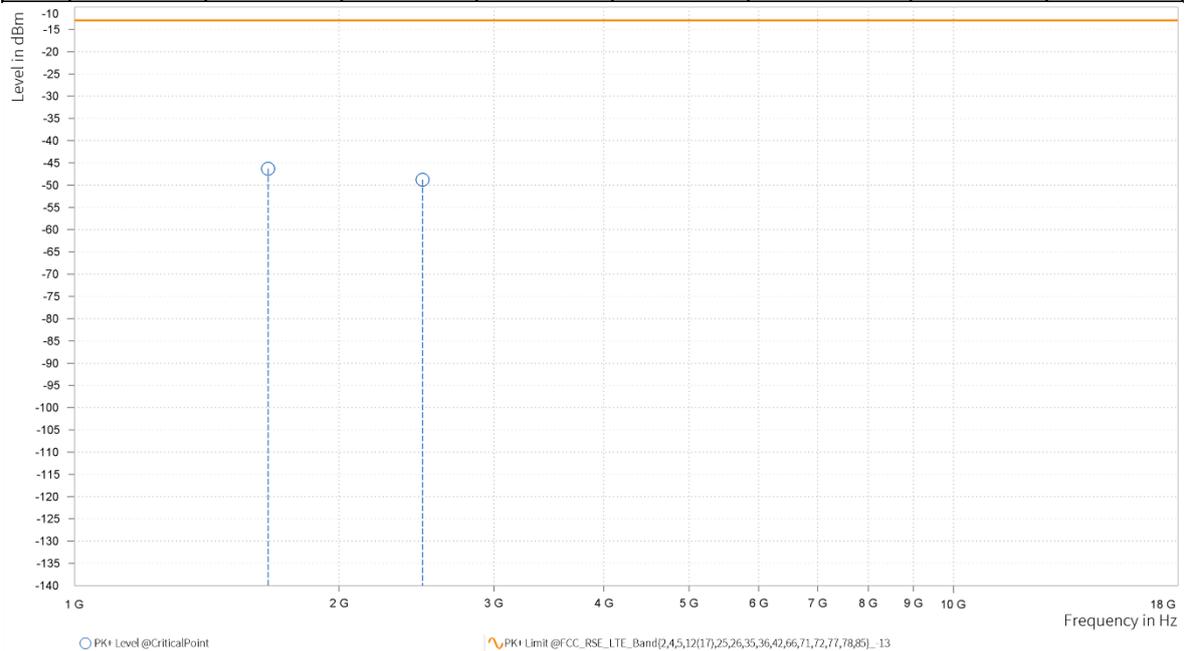




CHANNEL BANDWIDTH	15MHz/QPSK	MODE	TX channel 26915
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

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	1,660.000	-46.28	-13.00	33.28	14.12	V	168.3	2.00
3	2,489.250	-48.76	-13.00	35.76	20.91	V	324.7	2.00

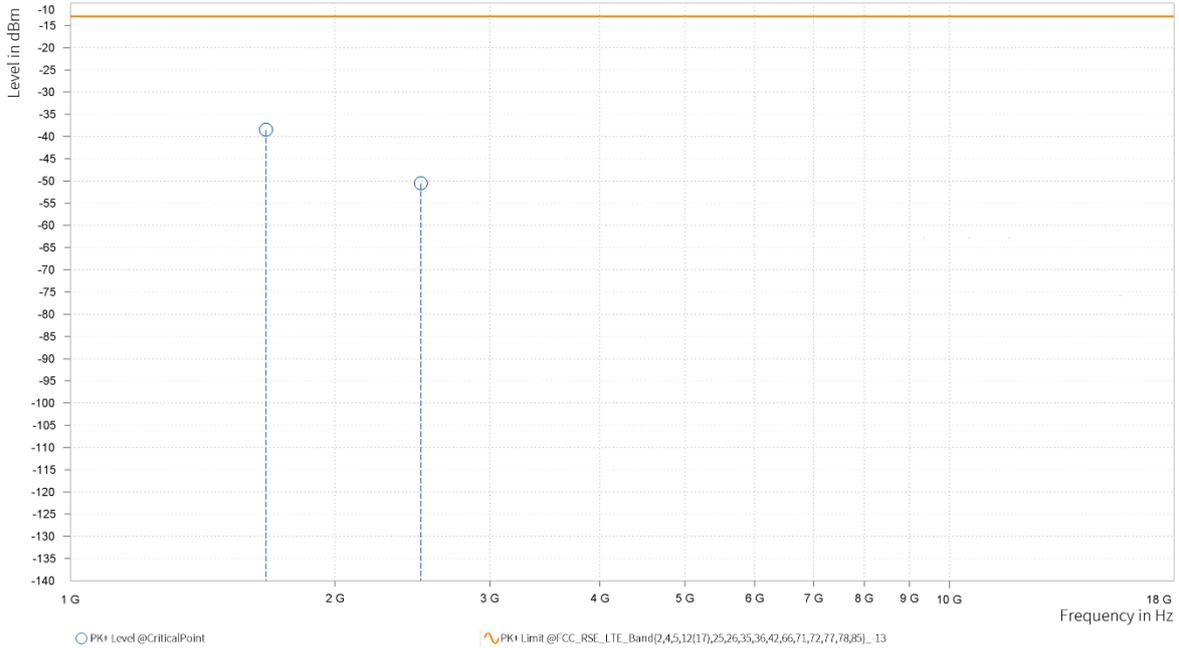




CHANNEL BANDWIDTH	15MHz/QPSK	MODE	TX channel 26965
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

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	1,669.500	-38.50	-13.00	25.50	15.42	H	169	2.00
3	2,504.250	-50.55	-13.00	37.55	20.61	H	277.4	2.00





CHANNEL BANDWIDTH	15MHz/QPSK	MODE	TX channel 26965
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 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	1,670.000	-48.21	-13.00	35.21	14.31	V	168.3	2.00
3	2,504.250	-49.44	-13.00	36.44	21.09	V	227.8	2.00

