



Test Report No.: W7L-P22110001RF07

# FCC TEST REPORT (PART 90)

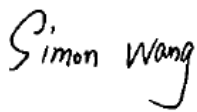
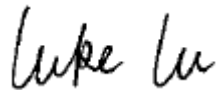
Applicant:	Power Idea Technology (Shenzhen) Co., Ltd.
Address:	4th Floor, A Section ,Languang Science&technology Building, No. 7 Xinxi RD,Hi-Tech Industrial Park North, Nanshan District Shenzhen, China.

Manufacturer or Supplier	Power Idea Technology (Shenzhen) Co., Ltd.
Address	4th Floor, A Section ,Languang Science&technology Building, No. 7 Xinxi RD,Hi-Tech Industrial Park North, Nanshan District Shenzhen, China.
Product	Smart Phone
Brand Name	RugGear
Model Name	PSM02G
Marketing Name:	RG750
FCC ID	ZLE-RG750
Date of tests	Nov. 02, 2022 ~ Nov. 23, 2022

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 Simon Wang Engineer / Mobile Department	Approved by Luke Lu Manager / Mobile Department
	
Date: Nov. 23, 2022	Date: Nov. 23, 2022

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  
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## RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
W7L-P22110001RF07	Original release	Nov. 23, 2022

## 1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC Part 90 & Part 2		
STANDARD SECTION	TEST TYPE AND LIMIT	RESULT
§2.1046 §90.635(b)	Conducted Output Power	PASS
§2.1055 §90.213	Frequency Stability	PASS
§2.1049 §90.209	Occupied Bandwidth	PASS
§2.1051 §90.691	Emission Masks	PASS
§2.1051 §90.691	Conducted Spurious Emissions	PASS
§2.1053 §90.691	Radiated Spurious Emissions	PASS

### 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 ~ 1GMHz	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.

## 1.2 TEST SITE AND INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
MXE EMI Receiver	KEYSIGHT	N9038A-544	MY54450026	Feb. 21,22	Feb. 20,23
EXA Signal Analyzer	KEYSIGHT	N9010A-544	MY54510355	May.15,22	May.14,23
Loop Antenna	Schwarzbeck	FMZB 1519B	00173	Sep.04,22	Sep.03,23
Bilog Antenna	ETS-LINDGRE N	3143B	00161965	Mar. 06,22	Mar. 05,23
Horn Antenna	ETS-LINDGRE N	3117	00168692	Mar. 06,22	Mar. 05,23
Horn Antenna (18GHz-40GHz)	N/A	QWH-SL-18-40-K- SG/QMS-00361	15433	Aug. 24, 22	Aug. 23, 23
Radio Communication Analyzer	ANRITSU	MT8820C	6201465426	Feb. 15,22	Feb. 14,23
Signal Pre-Amplifier	EMSI	EMC 9135	980249	May.12,22	May.11,23
Signal Pre-Amplifier	EMSI	EMC 012645B	980257	May.12,22	May.11,23
Signal Pre-Amplifier	EMSI	EMC 184045B	980259	Feb. 21,22	Feb.20,23
3m Semi-anechoic Chamber	ETS-LINDGRE N	9m*6m*6m	Euroshieldpn- CT0001143-121 6	May. 19,20	May. 18,23
Test Software	E3	V 9.160323	N/A	N/A	N/A
Test Software	JS1120	3.1.36	N/A	N/A	N/A
10dB Attenuator	JFW/USA	50HF-010-SMA	1505	May. 07,22	May. 06,23
Power Meter	Anritsu	ML2495A	1506002	Feb. 22,22	Feb. 21,23
Power Sensor	Anritsu	MA2411B	1339352	May. 07,22	May. 06,23
Temperature Chamber	ESPEC	SH-242	93000855	May. 12,22	May. 11,23
MXG Analog Microwave Signal Generator	KEYSIGHT	N5183A	MY50143024	Feb. 18,22	Feb. 17,23
Base station R&S CMW500	Rohde&Schwa rz	CMW500	153085	May.12,22	May.11,23
DC Source	Kikusui/JP	PMX18-5A	0000001	Aug. 24,22	Aug. 23,23

- NOTE:**
1. The calibration interval of the above test instruments is 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 525120.

## 2 GENERAL INFORMATION

### 2.1 GENERAL DESCRIPTION OF EUT

<b>PRODUCT</b>	Smart Phone	
<b>BRAND NAME</b>	RugGear	
<b>MODEL NAME</b>	PSM02G	
<b>MARKETING NAME</b>	RG750	
<b>NOMINAL VOLTAGE</b>	5.0Vdc(adapter or host equipment) 3.8Vdc (Li-ion, battery)	
<b>MODULATION TECHNOLOGY</b>	<b>LTE</b>	QPSK, 16QAM, 64QAM
<b>FREQUENCY RANGE</b>	<b>LTE Band 26 (Channel Bandwidth: 1.4MHz)</b>	814.7MHz ~ 823.3MHz
	<b>LTE Band 26 (Channel Bandwidth: 3MHz)</b>	815.5MHz ~ 822.5MHz
	<b>LTE Band 26 (Channel Bandwidth: 5MHz)</b>	816.5MHz ~ 821.5MHz
	<b>LTE Band 26 (Channel Bandwidth: 10MHz)</b>	819MHz
<b>FREQUENCY RANGE</b>	<b>LTE Band 26 (Channel Bandwidth: 1.4MHz)</b>	QPSK: 1M11G7D
		16QAM: 1M11W7D
		64QAM: 1M11W7D
	<b>LTE Band 26 (Channel Bandwidth: 3MHz)</b>	QPSK: 2M75G7D
		16QAM: 2M74W7D
		64QAM: 2M74W7D
	<b>LTE Band 26 (Channel Bandwidth: 5MHz)</b>	QPSK: 4M56G7D
		16QAM: 4M56W7D
		64QAM: 4M56W7D
	<b>LTE Band 26 (Channel Bandwidth: 10MHz)</b>	QPSK: 9M07G7D
		16QAM: 9M05W7D
		64QAM: 9M07W7D

<b>MAX. EIRP POWER</b>	<b>LTE Band 26 (Channel Bandwidth: 1.4MHz)</b>	59.57mW
	<b>LTE Band 26 (Channel Bandwidth: 3MHz)</b>	59.57mW
	<b>LTE Band 26 (Channel Bandwidth: 5MHz)</b>	59.57mW
	<b>LTE Band 26 (Channel Bandwidth: 10MHz)</b>	59.84mW
<b>ANTENNA TYPE</b>	PIFA Antenna	
<b>ANTENNA GAIN</b>	-2.3 dBi for LTE Band 26	
<b>HW VERSION</b>	LA5C25_MB_V1.00	
<b>SW VERSION</b>	LA5C25(RG750)_RG750_EEA_00.00_0_20221103_MultiDownload_20221103131135	
<b>I/O PORTS</b>	Refer to user's manual	
<b>DATA CABLE</b>	USB cable: non-shielded cable, with w/o ferrite core, 1.0 meter Earphone: non-shielded cable, with w/o ferrite core, 1.0 meter	
<b>EXTREME TEMPERATURE</b>	-10-50 °C	
<b>EXTREME VOLTAGE</b>	3.6V - 4.35V	

**NOTE:**

- 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 one completed transmitter and one receiver.

MODULATION MODE	TX FUNCTION
LTE	1TX/1RX

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

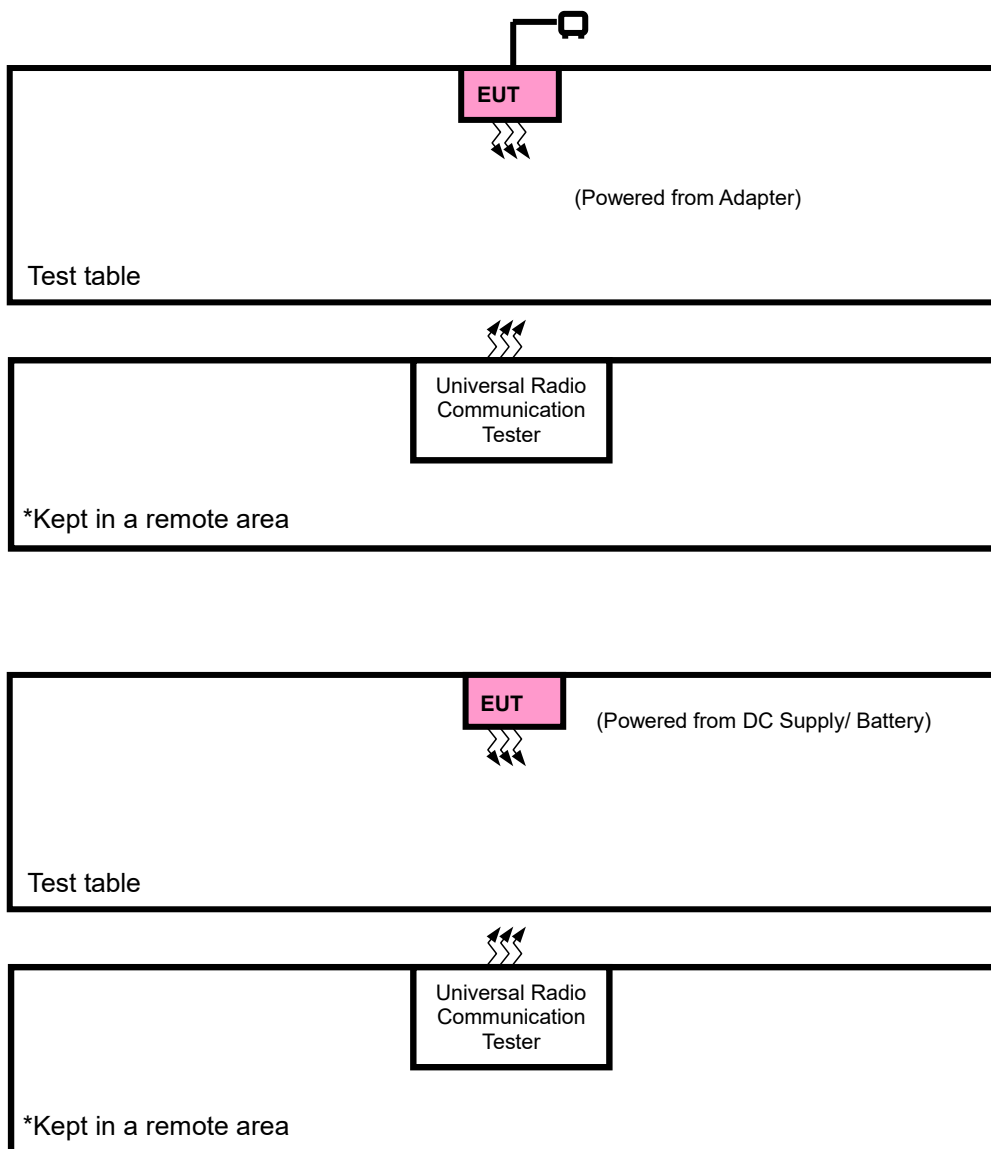
**List of Accessory:**

ACCESSORIES	BRAND	MANUFACTURER	MODEL	SPECIFICATION
Battery	N/A	SHENZHEN YJC TECHNOLOGY CO. LTD.	BL500IP	Capacity : 3.8Vdc, 5000mAh
AC Adapter 1	Huntkey	Shenzhen Huntkey Electric Co., Ltd.	HKC0115021-2D	I/P: 100-240Vac, 0.5A, O/P: 5.0Vdc, 2A
AC Adapter 2	FULL POWER	Shenzhen Shi Ying Yuan Electronics Co., Ltd.	ICP12-050-2000 B	I/P: 100-240Vac, 0.3A, O/P: 5.0Vdc, 2A
Earphone	N/A	CXD SCIENCE TECHNOLOGY	AC-4035-M6	Rated : 10mW, Max:20mW Signal Line,1.0meter
USB Cable	N/A	ShenZhen zhigaoda electronics Co., LTD	USB2.0	Signal Line,1.0meter



## 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	DC source	LONG WEI	PS-6403D	010934269	N/A

NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	DC Line: Unshielded, Detachable 1.8m

### 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 X-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, 26740, 26783	1.4MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset		
		26705 to 26775	26705, 26740, 26775	3MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset		
		26715 to 26765	26715, 26740, 26765	5MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset		
		26740	26740	10MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset		
B	FREQUENCY STABILITY	26697 to 26783	26697, 26740, 26783	1.4MHz	QPSK, 16QAM, 64QAM	6 RB / 0 RB Offset		
		26705 to 26775	26705, 26740, 26775	3MHz	QPSK, 16QAM, 64QAM	15 RB / 0 RB Offset		
		26715 to 26765	26715, 26740, 26765	5MHz	QPSK, 16QAM, 64QAM	25 RB / 0 RB Offset		
		26740	26740	10MHz	QPSK, 16QAM, 64QAM	50 RB / 0 RB Offset		
A	OCCUPIED BANDWIDTH	26697 to 26783	26697, 26740, 26783	1.4MHz	QPSK, 16QAM, 64QAM	6 RB / 0 RB Offset		
		26705 to 26775	26705, 26740, 26775	3MHz	QPSK, 16QAM, 64QAM	15 RB / 0 RB Offset		
		26715 to 26765	26715, 26740, 26765	5MHz	QPSK, 16QAM, 64QAM	25 RB / 0 RB Offset		
		26740	26740	10MHz	QPSK, 16QAM, 64QAM	50 RB / 0 RB Offset		
A	BAND EDGE	26697 to 26783	26697	1.4MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset 6 RB / 0 RB Offset		
			26783	1.4MHz	QPSK, 16QAM, 64QAM	1 RB / 5 RB Offset 6 RB / 0 RB Offset		
		26705 to 26775	26705	3MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset 15 RB / 0 RB Offset		
			26775	3MHz	QPSK, 16QAM, 64QAM	1 RB / 14 RB Offset 15 RB / 0 RB Offset		
		26715 to 26765	26715	5MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset 25 RB / 0 RB Offset		
			26765	5MHz	QPSK, 16QAM, 64QAM	1 RB / 24 RB Offset 25 RB / 0 RB Offset		
		26740	26740	10MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset 50 RB / 0 RB Offset		
			26740	10MHz	QPSK, 16QAM, 64QAM	1 RB / 49 RB Offset 50 RB / 0 RB Offset		
		A	CONDUCTED EMISSION	26697 to 26783	26697, 26740, 26783	1.4MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset
				26705 to 26775	26705, 26740, 26775	3MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset
				26715 to 26765	26715, 26740, 26765	5MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset
				26740	26740	10MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset
A	RADIATED EMISSION	26697 to 26783	26740	1.4MHz	QPSK	1 RB / 0 RB Offset		
		26705 to 26775	26705, 26740, 26775	3MHz	QPSK	1 RB / 0 RB Offset		
		26715 to 26765	26740	5MHz	QPSK	1 RB / 0 RB Offset		
		26740	26740	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.



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**TEST CONDITION:**

TEST ITEM	ENVIRONMENTAL CONDITIONS	INPUT POWER	TESTED BY
EIRP(ERP)	24deg. C, 60%RH	DC 5V By Adapter	Jace Hu
FREQUENCY STABILITY	24deg. C, 61%RH	DC 3.6V/3.8V/4.35V By DC Supply	James Fu
OCCUPIED BANDWIDTH	24deg. C, 61%RH	DC5V By Adapter	James Fu
BAND EDGE	24deg. C, 61%RH	DC 5V By Adapter	James Fu
CONDUCTED EMISSION	24deg. C, 61%RH	DC5V By Adapter	James Fu
RADIATED EMISSION	23deg. C, 70%RH	DC5V By Adapter	Jace Hu

## 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 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  $P_{\text{Meas}}$ , typically dBW or dBm);

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

$G_{\text{T}}$  = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);

$L_{\text{C}}$  = 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

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

#### 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 CHG 26697	Mid CH 26740	High CH 26783	MPR
				Frequency 814.7 MHz	Frequency 819 MHz	Frequency 823.3 MHz	
26/ 1.4	QPSK	1	0	21.79	21.80	21.79	0
		1	2	22.20	22.20	22.14	0
		1	5	21.84	21.75	21.77	0
		3	0	22.13	22.07	22.11	0
		3	1	22.09	22.00	22.02	0
		3	3	22.01	21.92	21.98	0
		6	0	21.08	21.03	21.10	1
	16QAM	1	0	21.03	20.96	20.96	1
		1	2	21.12	21.17	21.13	1
		1	5	20.86	20.77	20.81	1
		3	0	21.10	21.12	21.09	1
		3	1	21.12	21.06	21.09	1
		3	3	20.99	21.02	20.99	1
		6	0	20.13	20.05	20.11	2
	64QAM	1	0	20.15	20.11	20.09	2
		1	2	20.26	20.29	20.25	2
		1	5	19.91	19.83	19.90	2
		3	0	20.15	20.13	20.13	2
		3	1	20.20	20.23	20.19	2
		3	3	20.06	20.03	20.07	2
		6	0	19.13	19.11	19.11	3

Band/BW	Modulation	RB Size	RB Offset	Low CHG 26705	Mid CH 26740	High CH 26775	MPR
				Frequency 815.5 MHz	Frequency 819 MHz	Frequency 822.5 MHz	
26/ 3	QPSK	1	0	21.81	21.82	21.78	0
		1	7	22.17	22.17	22.20	0
		1	14	21.83	21.76	21.78	0
		8	0	21.07	21.08	21.11	1
		8	3	21.06	21.05	21.01	1
		8	7	20.95	20.99	20.98	1
		15	0	21.09	21.06	21.03	1
	16QAM	1	0	20.99	21.00	20.99	1
		1	7	21.15	21.13	21.14	1
		1	14	20.88	20.74	20.81	1
		8	0	20.08	20.10	20.09	2
		8	3	20.16	20.05	20.09	2
		8	7	20.05	19.97	19.99	2
		15	0	20.09	20.05	20.11	2
	64QAM	1	0	20.22	20.15	20.09	2
		1	7	20.27	20.23	20.25	2
		1	14	19.95	19.85	19.89	2
		8	0	19.14	19.16	19.11	3
		8	3	19.24	19.17	19.24	3
		8	7	19.02	19.04	19.03	3
		15	0	19.15	19.08	19.15	3

Band/BW	Modulation	RB Size	RB Offset	Low CHG 26715	Mid CH 26740	High CH 26765	MPR
				Frequency 816.5 MHz	Frequency 819 MHz	Frequency 821.5 MHz	
26/ 5	QPSK	1	0	21.82	21.76	21.83	0
		1	12	22.20	22.17	22.17	0
		1	24	21.81	21.82	21.78	0
		12	0	21.10	21.08	21.12	1
		12	6	21.08	21.05	21.02	1
		12	13	20.96	20.95	20.98	1
		25	0	21.05	21.09	21.06	1
	16QAM	1	0	21.05	20.93	20.99	1
		1	12	21.12	21.12	21.10	1
		1	24	20.84	20.80	20.76	1
		12	0	20.09	20.09	20.12	2
		12	6	20.13	20.04	20.06	2
		12	13	20.00	19.99	20.02	2
		25	0	20.07	20.11	20.07	2
	64QAM	1	0	20.15	20.16	20.15	2
		1	12	20.28	20.26	20.23	2
		1	24	19.88	19.90	19.89	2
		12	0	19.15	19.13	19.10	3
		12	6	19.20	19.23	19.22	3
		12	13	19.03	19.03	19.06	3
		25	0	19.09	19.14	19.10	3





Test Report No.: W7L-P20210616-3RF04

Band/BW	Modulation	RB Size	RB Offset	/	Mid CH 26740	/	MPR
				/	Frequency 819 MHz	/	
26/ 10	QPSK	1	0	/	21.84	/	0
		1	24	/	22.22	/	0
		1	49	/	21.83	/	0
		25	0	/	21.13	/	1
		25	12	/	21.07	/	1
		25	25	/	21.00	/	1
		50	0	/	21.11	/	1
	16QAM	1	0	/	21.01	/	1
		1	24	/	21.18	/	1
		1	49	/	20.82	/	1
		25	0	/	20.14	/	2
		25	12	/	20.11	/	2
		25	25	/	20.04	/	2
		50	0	/	20.13	/	2
	64QAM	1	0	/	20.17	/	2
		1	24	/	20.31	/	2
		1	49	/	19.91	/	2
		25	0	/	19.18	/	3
		25	12	/	19.25	/	3
		25	25	/	19.08	/	3
		50	0	/	19.16	/	3

**ERP**

**LTE BAND 26**

**CHANNEL BANDWIDTH: 1.4MHz QPSK**

Channel	Frequency (MHz)	Conducted Power (dBm)	G <sub>T</sub> -L <sub>C</sub> (dB)	ERP (dBm)	ERP (mW)	Limit (W)
26697	814.7	22.2	-2.3	17.75	59.57	100
26740	819	22.2	-2.3	17.75	59.57	100
26783	823.3	22.14	-2.3	17.69	58.75	100

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

**CHANNEL BANDWIDTH: 1.4MHz 16QAM**

Channel	Frequency (MHz)	Conducted Power (dBm)	G <sub>T</sub> -L <sub>C</sub> (dB)	ERP (dBm)	ERP (mW)	Limit (W)
26697	814.7	21.12	-2.3	16.67	46.45	100
26740	819	21.17	-2.3	16.72	46.99	100
26783	823.3	21.13	-2.3	16.68	46.56	100

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

**CHANNEL BANDWIDTH: 1.4MHz 64QAM**

Channel	Frequency (MHz)	Conducted Power (dBm)	G <sub>T</sub> -L <sub>C</sub> (dB)	ERP (dBm)	ERP (mW)	Limit (W)
26697	814.7	20.26	-2.3	15.81	38.11	100
26740	819	20.29	-2.3	15.84	38.37	100
26783	823.3	20.25	-2.3	15.8	38.02	100

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

**LTE BAND 26**

**CHANNEL BANDWIDTH: 3MHz QPSK**

Channel	Frequency (MHz)	Conducted Power (dBm)	G <sub>T</sub> -L <sub>C</sub> (dB)	ERP (dBm)	ERP (mW)	Limit (W)
26705	815.5	22.17	-2.3	17.72	59.16	100
26740	819	22.17	-2.3	17.72	59.16	100
26775	822.5	22.2	-2.3	17.75	59.57	100

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

**CHANNEL BANDWIDTH: 3MHz 16QAM**

Channel	Frequency (MHz)	Conducted Power (dBm)	G <sub>T</sub> -L <sub>C</sub> (dB)	ERP (dBm)	ERP (mW)	Limit (W)
26705	815.5	21.15	-2.3	16.7	46.77	100
26740	819	21.13	-2.3	16.68	46.56	100
26775	822.5	21.14	-2.3	16.69	46.67	100

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

**CHANNEL BANDWIDTH: 3MHz 64QAM**

Channel	Frequency (MHz)	Conducted Power (dBm)	G <sub>T</sub> -L <sub>C</sub> (dB)	ERP (dBm)	ERP (mW)	Limit (W)
26705	815.5	20.27	-2.3	15.82	38.19	100
26740	819	20.23	-2.3	15.78	37.84	100
26775	822.5	20.25	-2.3	15.8	38.02	100

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



**LTE BAND 26**

**CHANNEL BANDWIDTH: 5MHz QPSK**

Channel	Frequency (MHz)	Conducted Power (dBm)	G <sub>T</sub> -L <sub>C</sub> (dB)	ERP (dBm)	ERP (mW)	Limit (W)
26715	816.5	22.2	-2.3	17.75	59.57	100
26740	819	22.17	-2.3	17.72	59.16	100
26765	821.5	22.17	-2.3	17.72	59.16	100

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

**CHANNEL BANDWIDTH: 5MHz 16QAM**

Channel	Frequency (MHz)	Conducted Power (dBm)	G <sub>T</sub> -L <sub>C</sub> (dB)	ERP (dBm)	ERP (mW)	Limit (W)
26715	816.5	21.12	-2.3	16.67	46.45	100
26740	819	21.12	-2.3	16.67	46.45	100
26765	821.5	21.1	-2.3	16.65	46.24	100

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

**CHANNEL BANDWIDTH: 5MHz 64QAM**

Channel	Frequency (MHz)	Conducted Power (dBm)	G <sub>T</sub> -L <sub>C</sub> (dB)	ERP (dBm)	ERP (mW)	Limit (W)
26715	816.5	20.28	-2.3	15.83	38.28	100
26740	819	20.26	-2.3	15.81	38.11	100
26765	821.5	20.23	-2.3	15.78	37.84	100

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



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**LTE BAND 26**

**CHANNEL BANDWIDTH: 10MHz QPSK**

Channel	Frequency (MHz)	Conducted Power (dBm)	G <sub>T</sub> -L <sub>C</sub> (dB)	ERP (dBm)	ERP (mW)	Limit (W)
-	-	-	-	-	-	-
26740	819	22.22	-2.3	17.77	59.84	100
-	-	-	-	-	-	-

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

**CHANNEL BANDWIDTH: 10MHz 16QAM**

Channel	Frequency (MHz)	Conducted Power (dBm)	G <sub>T</sub> -L <sub>C</sub> (dB)	ERP (dBm)	ERP (mW)	Limit (W)
-	-	-	-	-	-	-
26740	819	21.18	-2.3	16.73	47.1	100
-	-	-	-	-	-	-

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

**CHANNEL BANDWIDTH: 10MHz 64QAM**

Channel	Frequency (MHz)	Conducted Power (dBm)	G <sub>T</sub> -L <sub>C</sub> (dB)	ERP (dBm)	ERP (mW)	Limit (W)
-	-	-	-	-	-	-
26740	819	20.31	-2.3	15.86	38.55	100
-	-	-	-	-	-	-

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

### 3.2 FREQUENCY STABILITY MEASUREMENT

#### 3.2.1 LIMITS OF FREQUENCY STABILITY MEASUREMENT

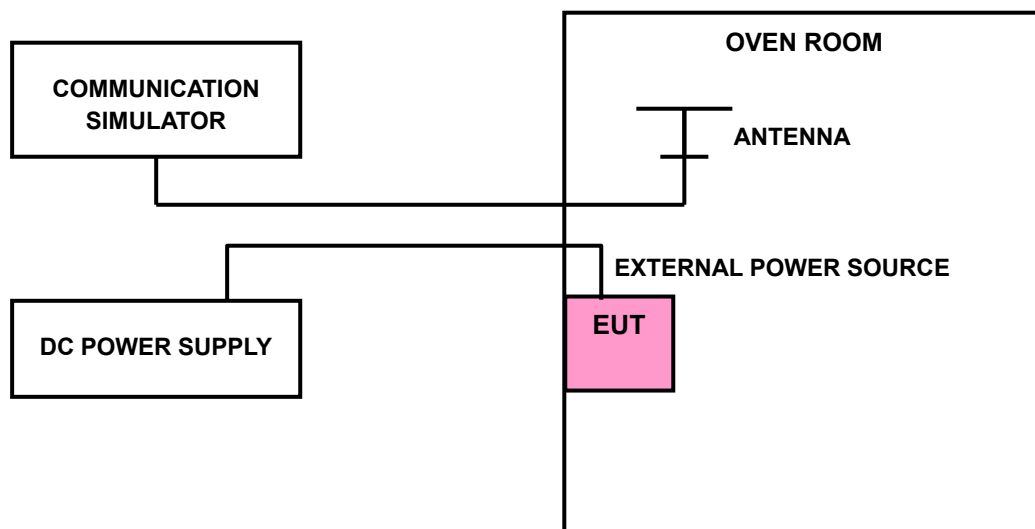
The frequency stability of mobile, portable and control transmitters operating in the wideband segment must be 1.25 parts per million or better when AFC is locked to a base station, and 5 parts per million or better when AFC is not locked

#### 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  $\pm 0.5^{\circ}\text{C}$  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





Test Report No.: W7L-P20210616-3RF04

### 3.2.4 TEST RESULTS

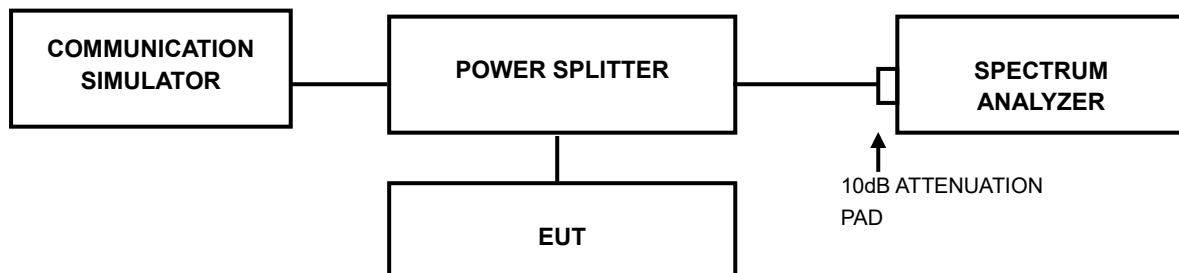
Please Refer to Appendix Of this test report.

### 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.





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### 3.3.4 TEST RESULTS

Please Refer to Appendix Of this test report.

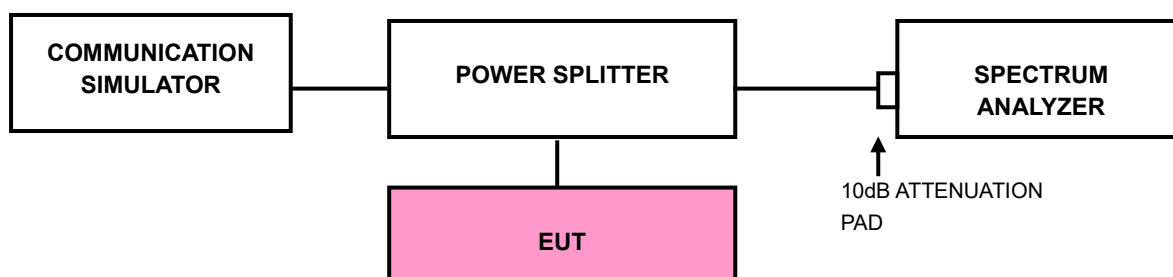
### 3.4 EMISSION MASK MEASUREMENT

#### 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  $116 \text{ Log}_{10}(f/6.1)$  decibels or  $50 + 10 \text{ Log}_{10}(P)$  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  $43 + 10 \text{ Log}_{10}(P)$  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





Test Report No.: W7L-P20210616-3RF04

### 3.4.3 TEST PROCEDURES

- a. All measurements were done at low and high operational frequency range.
- b. The center frequency of spectrum is the band edge frequency and span is 1~10 MHz. RBW of the spectrum is 10kHz and VBW of the spectrum is 30kHz (LTE bandwidth for (1.4M/3M/5M/10M)1RB/0RB&1RB/MAXRB).
- c. The center frequency of spectrum is the band edge frequency and span is 1~10 MHz. RBW of the spectrum is  $\geq 1\% \cdot \text{EBW}$  kHz and VBW of the spectrum is  $3 \cdot \text{RBW}$  kHz. (LTE bandwidth 1.4M/3M/5M/10M).
- d. Record the max trace plot into the test report.



Test Report No.: W7L-P20210616-3RF04

### 3.4.4 TEST RESULTS

Please Refer to Appendix Of this test report.

### 3.5 CONDUCTED SPURIOUS EMISSIONS

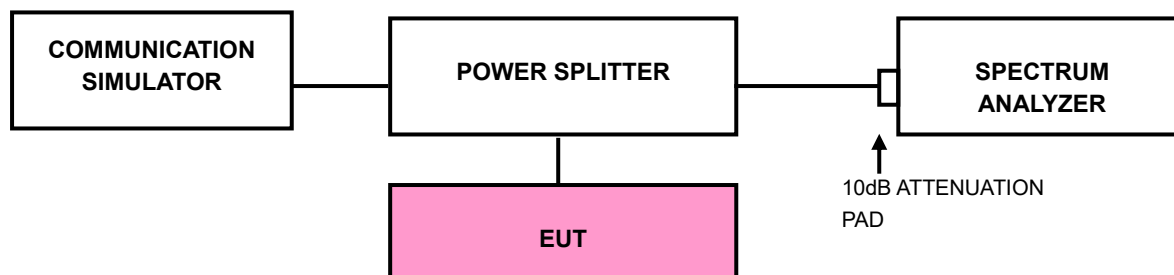
#### 3.5.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least  $43 + 10 \log_{10}(P)$  dB. The limit of emission equal to  $-13\text{dBm}$

#### 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 10<sup>th</sup> harmonic. 10dB attenuation pad is connected with spectrum. RBW=1MHz and VBW=3MHz is used for conducted emission measurement.

#### 3.5.3 TEST SETUP





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### 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  $43 + 10 \log_{10}(P)$  dB. The limit of emission equal to  $-13\text{dBm}$

(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  $-70\text{ dBW/MHz}$  equivalent isotropically radiated power (EIRP) for wideband signals, and  $-80\text{ dBW}$  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.  $\text{EIRP} = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn.}$
- d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole,  $\text{E.R.P power} = \text{E.I.P.R power} - 2.15\text{dBi.}$

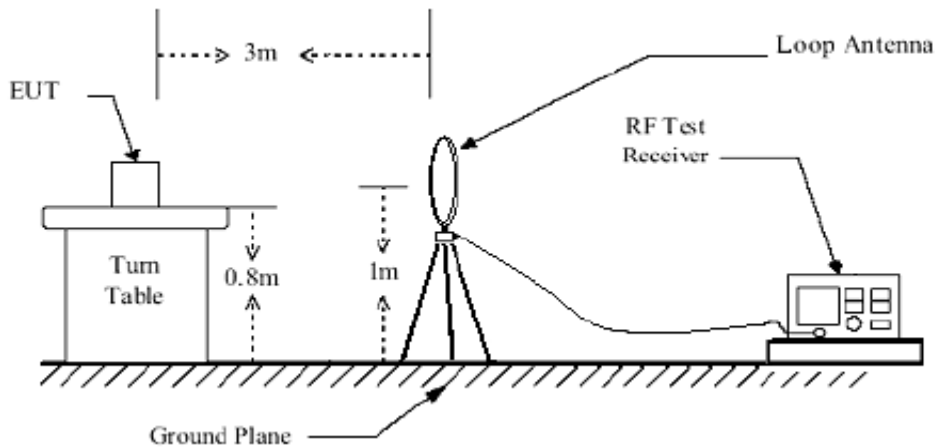
**NOTE:** The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

#### 3.6.3 DEVIATION FROM TEST STANDARD

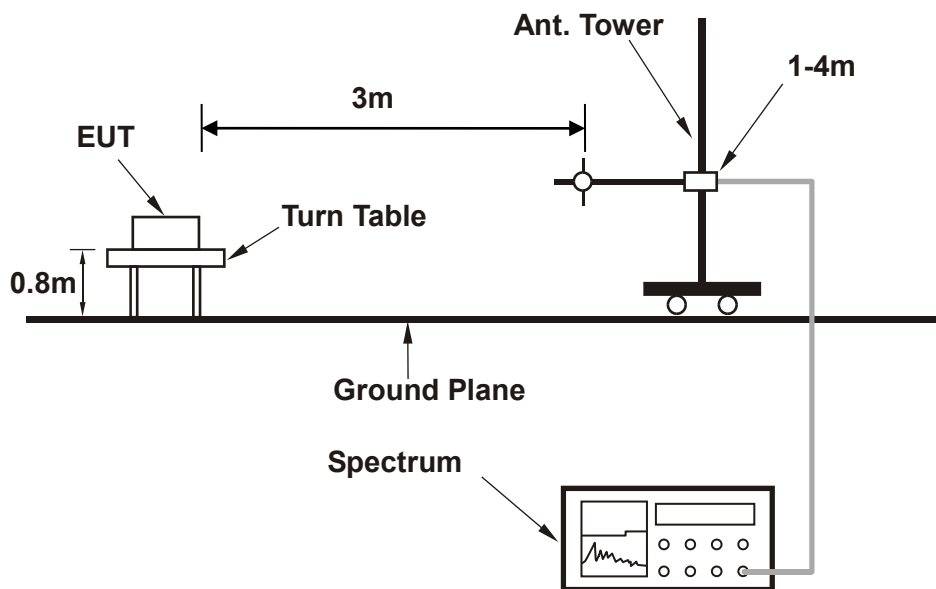
No deviation

### 3.6.4 TEST SETUP

#### <Below 30MHz>

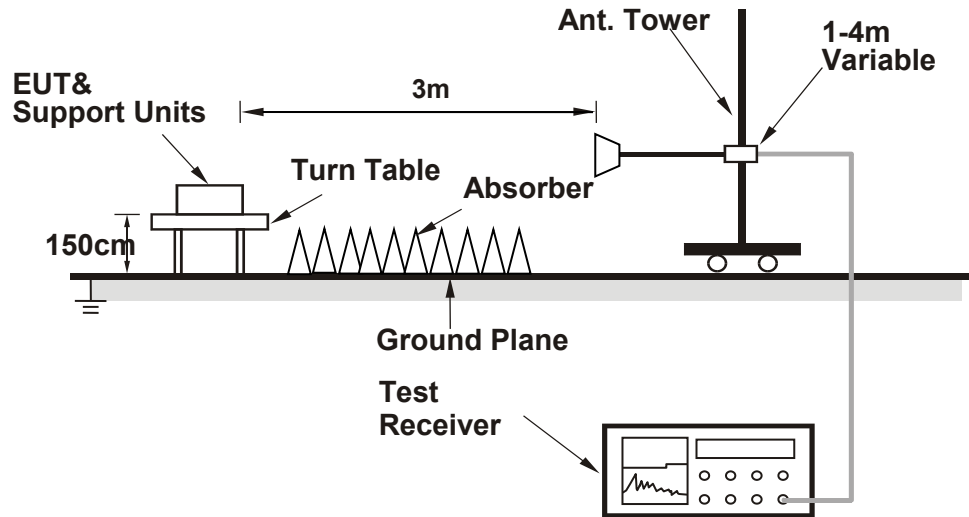


#### < Frequency Range 30MHz~1GHz >





< Frequency Range above 1GHz >



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



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### 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

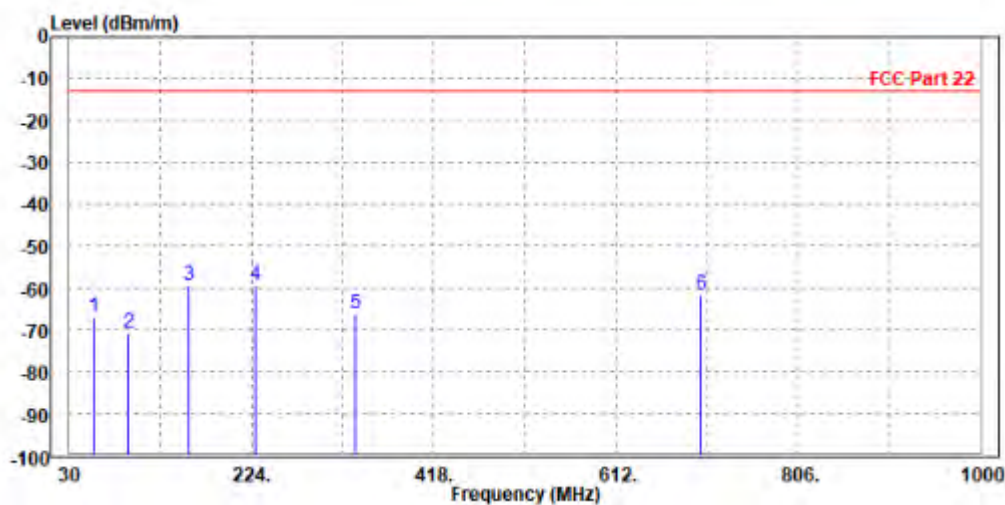
30 MHz – 1GHz data:

LTE Band 26:

CHANNEL BANDWIDTH: 5MHz / QPSK

<b>MODE</b>	TX channel 26740	<b>FREQUENCY RANGE</b>	Below 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60HZ
<b>TESTED BY</b>	Jace HU		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	56.190	-67.04	-48.96	-13.00	-54.04	-18.08	Peak	Horizontal
2	93.050	-70.66	-49.49	-13.00	-57.66	-21.17	Peak	Horizontal
3	157.070	-59.44	-42.64	-13.00	-46.44	-16.80	Peak	Horizontal
4 PP	227.880	-59.34	-45.25	-13.00	-46.34	-14.09	Peak	Horizontal
5	334.580	-66.19	-54.57	-13.00	-53.19	-11.62	Peak	Horizontal
6	702.210	-61.48	-56.56	-13.00	-48.48	-4.92	Peak	Horizontal

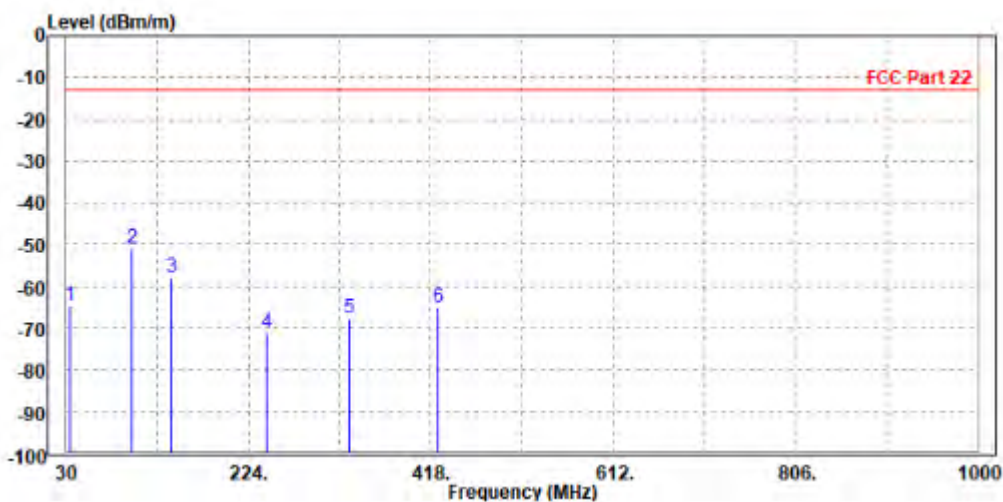




Test Report No.: W7L-P20210616-3RF04

<b>MODE</b>	TX channel 26740	<b>FREQUENCY RANGE</b>	Below 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60HZ
<b>TESTED BY</b>	Jace HU		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	33.880	-64.54	-44.78	-13.00	-51.54	-19.76	Peak	Vertical
2 PP	99.840	-50.99	-44.48	-13.00	-37.99	-6.51	Peak	Vertical
3	142.520	-57.64	-43.39	-13.00	-44.64	-14.25	Peak	Vertical
4	243.400	-71.06	-56.88	-13.00	-58.06	-14.18	Peak	Vertical
5	330.700	-67.70	-57.44	-13.00	-54.70	-10.26	Peak	Vertical
6	425.760	-65.14	-56.38	-13.00	-52.14	-8.76	Peak	Vertical





**BUREAU  
VERITAS**

Test Report No.: W7L-P20210616-3RF04

**ABOVE 1GHz**

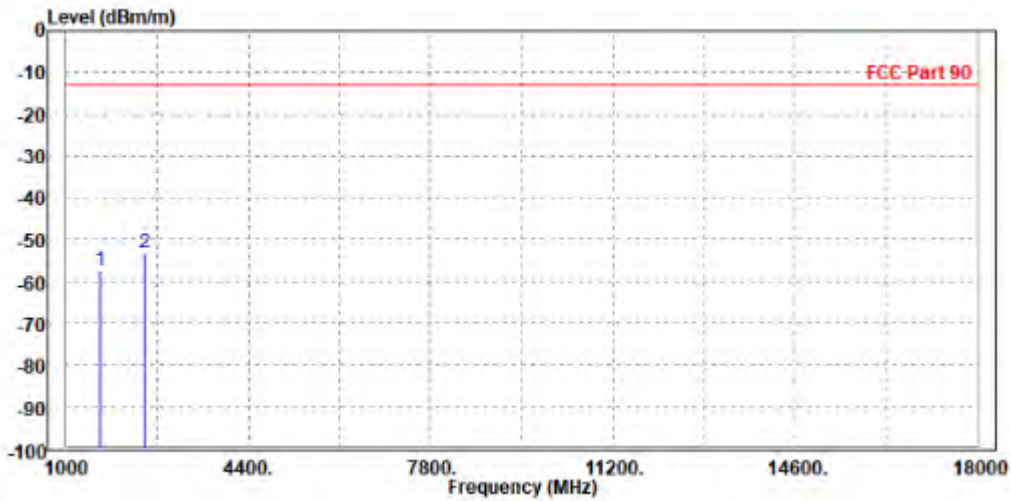
**Note:** For higher frequency, the emission is too low to be detected.

**LTE BAND 26**

**CHANNEL BANDWIDTH: 1.4MHz / QPSK**

<b>MODE</b>	TX channel 26697	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60HZ
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1638.000	-57.29	-57.98	-13.00	-44.29	0.69	Peak	Horizontal
2 PP	2462.000	-53.21	-58.51	-13.00	-40.21	5.30	Peak	Horizontal

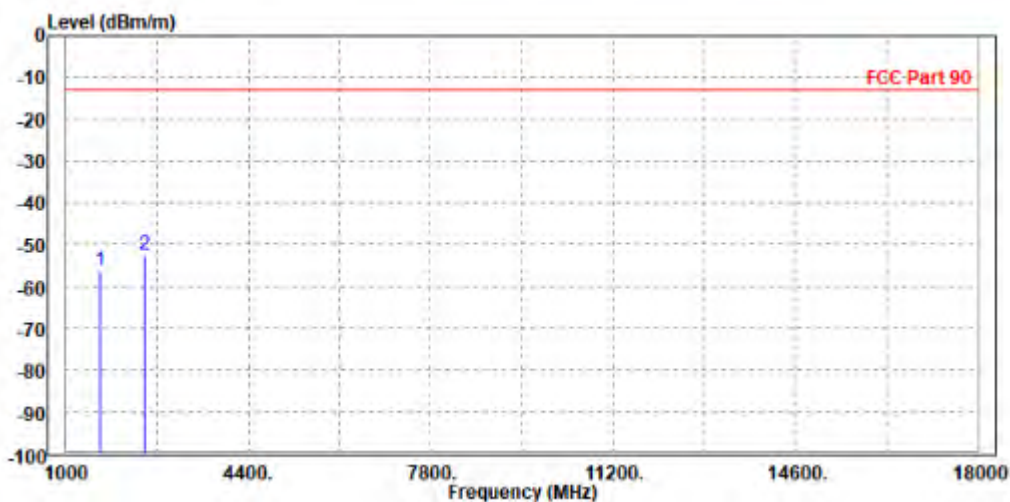




Test Report No.: W7L-P20210616-3RF04

MODE	TX channel 26697	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1646.000	-56.30	-57.32	-13.00	-43.30	1.02	Peak	Vertical
2 PP	2457.000	-52.55	-57.37	-13.00	-39.55	4.82	Peak	Vertical





**BUREAU  
VERITAS**

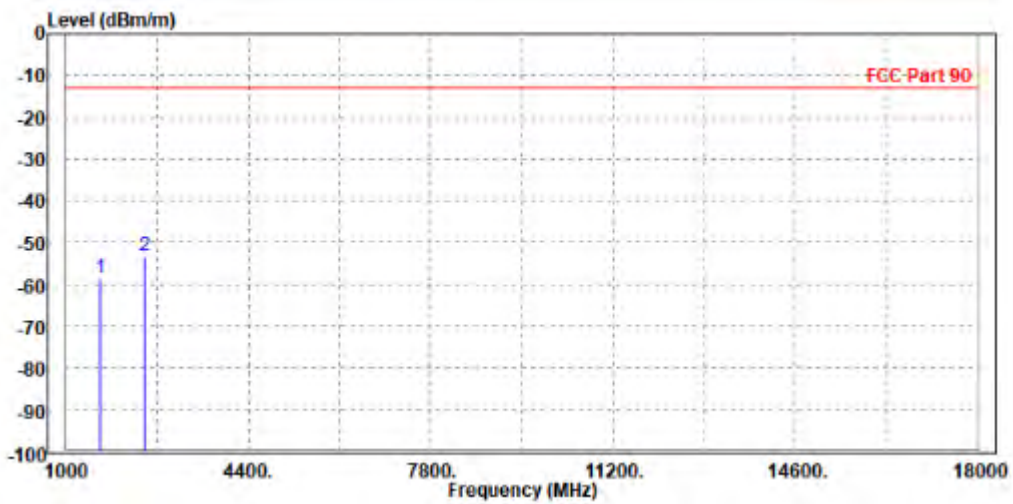
Test Report No.: W7L-P20210616-3RF04

**CHANNEL BANDWIDTH: 3MHz / QPSK**

**CH26705**

<b>MODE</b>	TX channel 26705	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60HZ
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1629.000	-58.57	-59.19	-13.00	-45.57	0.62	Peak	Horizontal
2 PP	2452.500	-53.30	-58.57	-13.00	-40.30	5.27	Peak	Horizontal

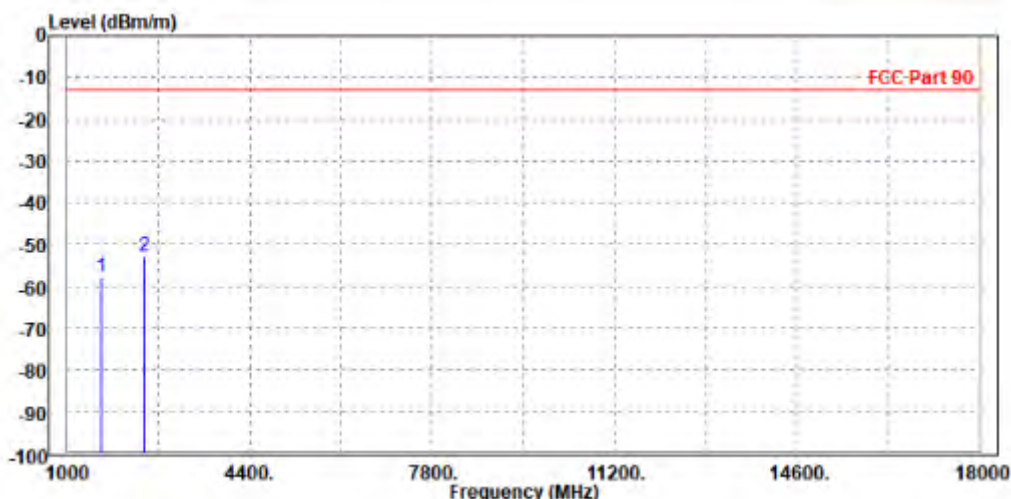




Test Report No.: W7L-P20210616-3RF04

<b>MODE</b>	TX channel 26705	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60HZ
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1635.000	-57.96	-58.90	-13.00	-44.96	0.94	Peak	Vertical
2 PP	2445.000	-52.80	-57.59	-13.00	-39.80	4.79	Peak	Vertical





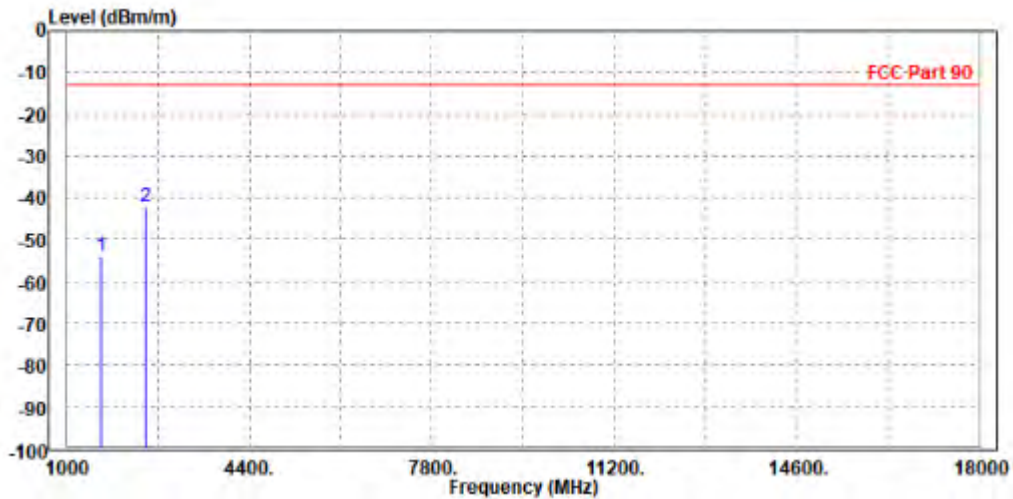
**BUREAU  
VERITAS**

Test Report No.: W7L-P20210616-3RF04

CH26740

<b>MODE</b>	TX channel 26740	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60HZ
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1646.000	-53.90	-54.66	-13.00	-40.90	0.76	Peak	Horizontal
2 PP	2457.000	-42.17	-47.45	-13.00	-29.17	5.28	Peak	Horizontal



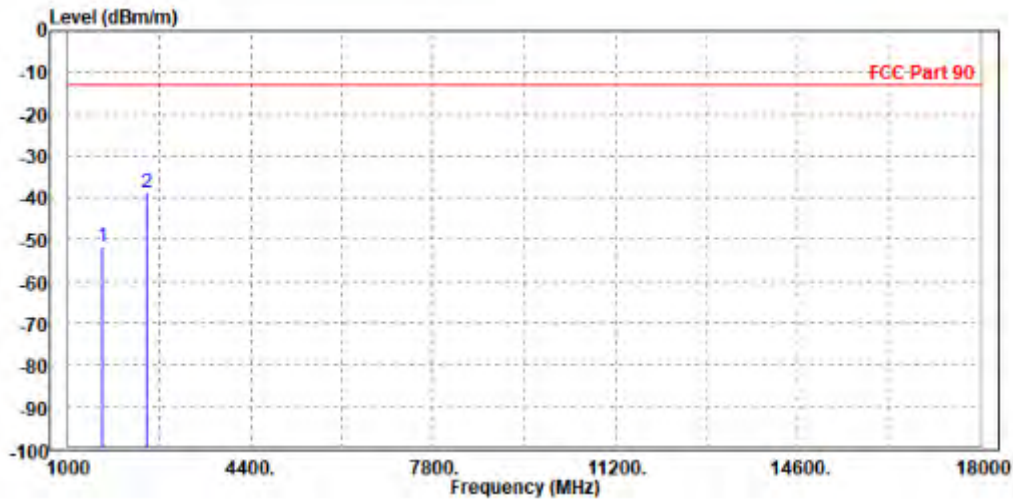




Test Report No.: W7L-P20210616-3RF04

<b>MODE</b>	TX channel 26740	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60HZ
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1638.000	-51.71	-52.67	-13.00	-38.71	0.96	Peak	Vertical
2 PP	2462.000	-38.96	-43.80	-13.00	-25.96	4.84	Peak	Vertical





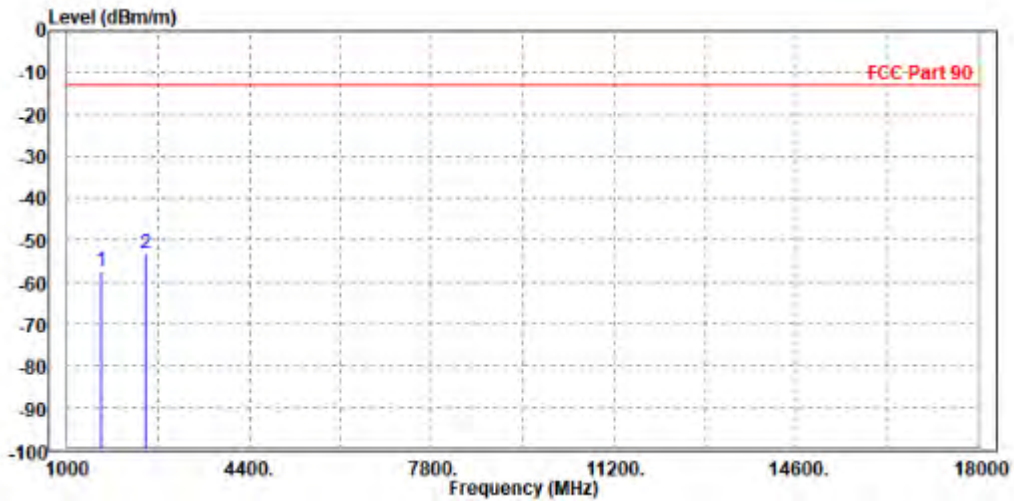
BUREAU VERITAS

Test Report No.: W7L-P20210616-3RF04

CH26775

MODE	TX channel 26775	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1641.000	-57.56	-58.28	-13.00	-44.56	0.72	Peak	Horizontal
2 PP	2462.000	-53.21	-58.51	-13.00	-40.21	5.30	Peak	Horizontal

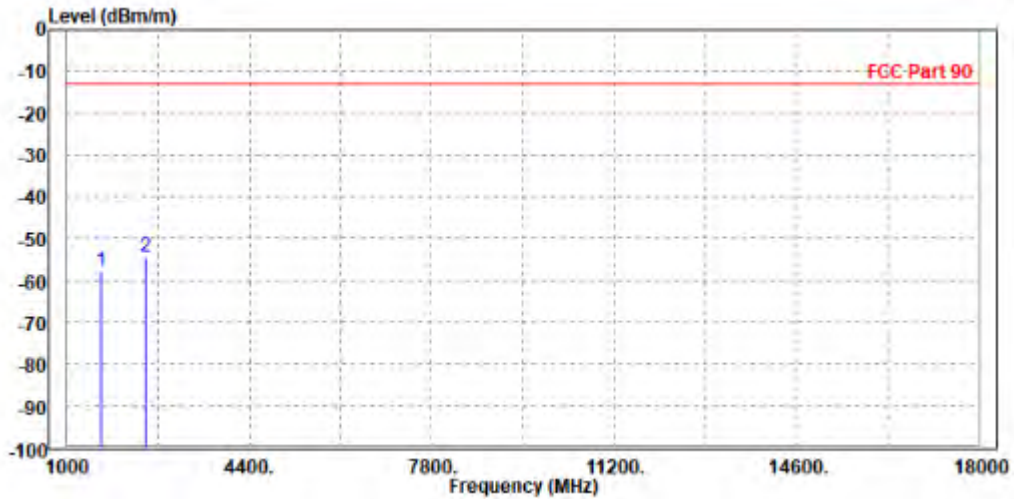




Test Report No.: W7L-P20210616-3RF04

<b>MODE</b>	TX channel 26775	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60HZ
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1646.000	-57.61	-58.63	-13.00	-44.61	1.02	Peak	Vertical
2 PP	2461.500	-54.19	-59.02	-13.00	-41.19	4.83	Peak	Vertical



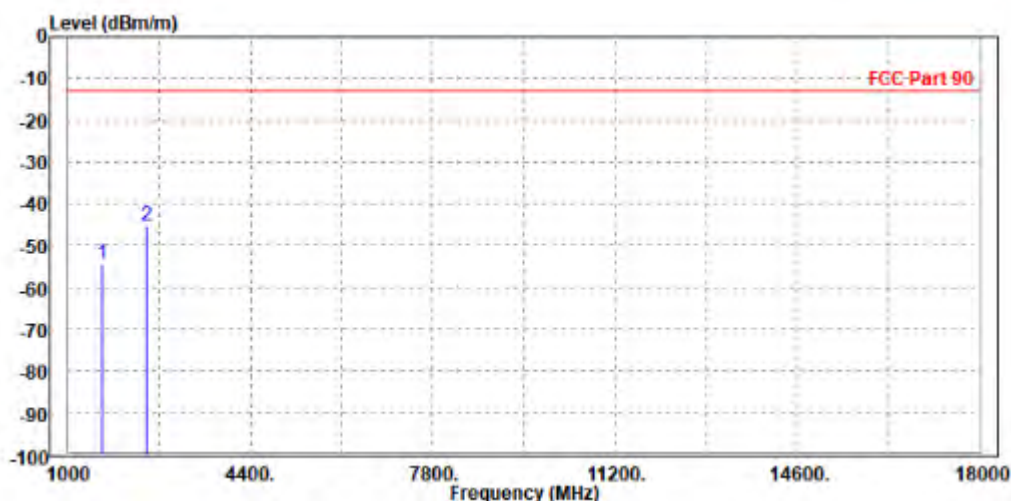


Test Report No.: W7L-P20210616-3RF04

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	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1638.000	-54.32	-55.01	-13.00	-41.32	0.69	Peak	Horizontal
2 PP	2462.000	-45.18	-50.48	-13.00	-32.18	5.30	Peak	Horizontal

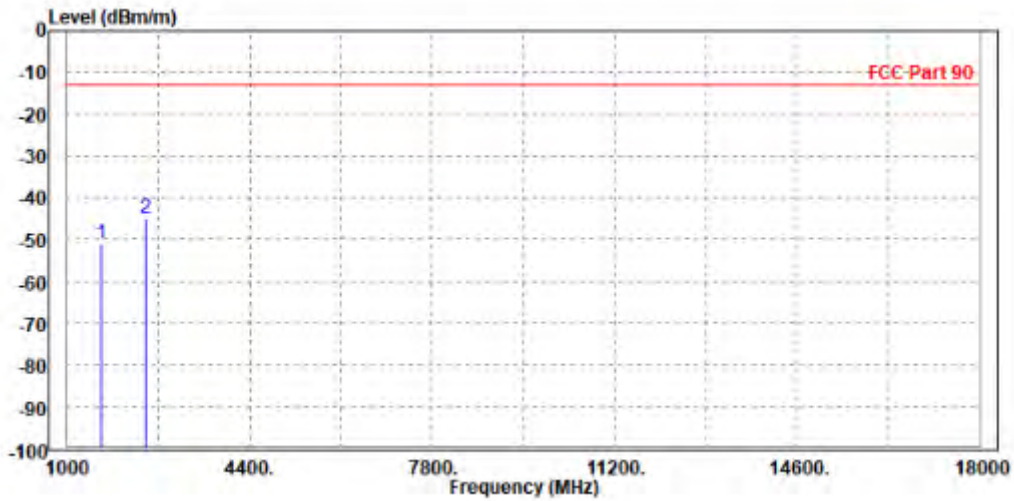




Test Report No.: W7L-P20210616-3RF04

<b>MODE</b>	TX channel 26740	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60HZ
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1646.000	-51.07	-52.09	-13.00	-38.07	1.02	Peak	Vertical
2 PP	2457.000	-44.69	-49.51	-13.00	-31.69	4.82	Peak	Vertical





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Test Report No.: W7L-P20210616-3RF04

CHANNEL BANDWIDTH: 10MHz / QPSK

<b>MODE</b>	TX channel 26740	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60HZ
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1646.000	-56.37	-57.13	-13.00	-43.37	0.76	Peak	Horizontal
2 PP	2457.000	-41.36	-46.64	-13.00	-28.36	5.28	Peak	Horizontal

