

# MEASUREMENT REPORT

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**FCC ID:** XMR2023RG520NAT  
**Application:** Quectel Wireless Solutions Co., Ltd  
**Product:** 5G Sub-6 GHz LGA Module  
**Model No.:** RG520N-AT  
**Brand Name:** QUECTEL  
**FCC Rule Part(s):** Part 2, 22 (H), 24 (E), 27, 90(R)  
**Result:** Complies  
**Received Date:** 2023-06-02  
**Test Date:** 2023-06-03 ~ 2023-06-17

**Reviewed By:**

\_\_\_\_\_  
Sunny Sun

**Approved By:**

\_\_\_\_\_  
Robin Wu



The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.26-2015. Test results reported herein relate only to the item(s) tested.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.

### Revision History

Report No.	Version	Description	Issue Date	Note
2306RSU003-U1	Rev. 01	Initial Report	2022-06-25	Invalid
2306RSU003-U1	Rev. 02	Add the detailed matrix listing the cross reference	2022-06-29	Valid

Note: RG520N-AT and RG520N-NA share the same hardware design. RG520N-AT deleted some bands and related components. This application for certification is leveraging the data reuse procedures from KDB 484596 based on reference FCC ID "XMR2023RG520NNA" to cover this variant and assessing the output power, radiated spurious emissions.

Test Item	Reuse Data Description
Occupied Bandwidth	Refer to FCC ID: XMR2023RG520NNA
Frequency Stability	Refer to FCC ID: XMR2023RG520NNA
Equivalent (Isotropic) Radiated Power	Make Spot Check
Peak to Average Ratio	Refer to FCC ID: XMR2023RG520NNA
Band Edge	Refer to FCC ID: XMR2023RG520NNA
Spurious Emission	Make Spot Check
Remark: This application reused the following bands test data of the original FCC ID: XMR2023RG520NNA LTE Bands: 2/5/12/14/17/30/66 NR Bands: n2/n5/n12/n14/n30/n66/n77	

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## 1. General Information

### 1.1. Applicant

Quectel Wireless Solutions Co., Ltd

Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, China 200233

### 1.2. Manufacturer

Quectel Wireless Solutions Co., Ltd

Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, China 200233

### 1.3. Testing Facility

<input checked="" type="checkbox"/>	<b>Test Site – MRT Suzhou Laboratory</b>
	<b>Laboratory Location (Suzhou - Wuzhong)</b> D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China
	<b>Laboratory Location (Suzhou - SIP)</b> 4b Building, Liando U Valley, No.200 Xingpu Rd., Shengpu Town, Suzhou Industrial Park, China
	<b>Laboratory Accreditations</b>
	A2LA: 3628.01 CNAS: L10551 FCC: CN1166 ISED: CN0001
	VCCI: <input type="checkbox"/> R-20025 <input type="checkbox"/> G-20034 <input type="checkbox"/> C-20020 <input type="checkbox"/> T-20020 <input type="checkbox"/> R-20141 <input type="checkbox"/> G-20134 <input type="checkbox"/> C-20103 <input type="checkbox"/> T-20104
<input type="checkbox"/>	<b>Test Site – MRT Shenzhen Laboratory</b>
	<b>Laboratory Location (Shenzhen)</b> 1G, Building A, Junxiangda Building, Zhongshanyuan Road West, Nanshan District, Shenzhen, China
	<b>Laboratory Accreditations</b>
	A2LA: 3628.02 CNAS: L10551 FCC: CN1284 ISED: CN0105
<input type="checkbox"/>	<b>Test Site – MRT Taiwan Laboratory</b>
	<b>Laboratory Location (Taiwan)</b> No. 38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)
	<b>Laboratory Accreditations</b>
	TAF: L3261-190725 FCC: 291082, TW3261 ISED: TW3261

#### 1.4. Product Information

Product Name	5G Sub-6 GHz LGA Module
Model No.	RG520N-AT
Brand Name	QUECTEL
IMEI	863109050080501
3GPP Specification	LTE Bands: 2/5/12/14/17/30/66 NR Bands: n2/n5/n12/n14/n30/n66/n77
Operating Temperature	-30 ~ 75 °C
Supply Voltage	3.3 ~ 4.4Vdc, typical 3.8Vdc
Remark:	The information of EUT was provided by the manufacturer, and the accuracy of the information shall be the responsibility of the manufacturer.

#### 1.5. Radio Specification Under Testing

E-UTRA Specification	
TX Frequency Range	LTE Band 2: 1850 ~ 1910MHz, LTE Band 5: 824 ~ 849MHz LTE Band 12: 699 ~ 716MHz, LTE Band 14: 788 ~ 798MHz LTE Band 17: 704 ~ 716MHz, LTE Band 30: 2305 ~ 2315MHz LTE Band 66: 1710 ~ 1780MHz
RX Frequency Range	LTE Band 2: 1930 ~ 1990MHz, LTE Band 5: 869 ~ 894MHz LTE Band 12: 729 ~ 746MHz, LTE Band 14: 758 ~ 768MHz LTE Band 17: 734 ~ 746MHz, LTE Band 30: 2350 ~ 2360MHz LTE Band 66: 2110 ~ 2200MHz
Intra Band CA	CA_2C, CA_5B, CA_66A, CA_66B
Inter Band CA	CA_2A-66A
Modulation	Up to 256QAM

### 1.6. Description of Available Antennas

Technology	Frequency Range (MHz)	Antenna Type	MaxPeak Gain (dBi)
LTE Band 2	1850 ~ 1910	Dipole	1.37
LTE Band 5	824 ~ 849		1.18
LTE Band 12	699 ~ 716		1.18
LTE Band 14	788 ~ 798		1.18
LTE Band 17	704~ 716		1.18
LTE Band 30	2305 ~ 2315		1.11
LTE Band 66	1710 ~ 1780		1.37

Note 1: All antenna information (Antenna type and Peak Gain) is provided by the manufacturer.

Note 2: The typical antennas used to calculate the ERP (EIRP).

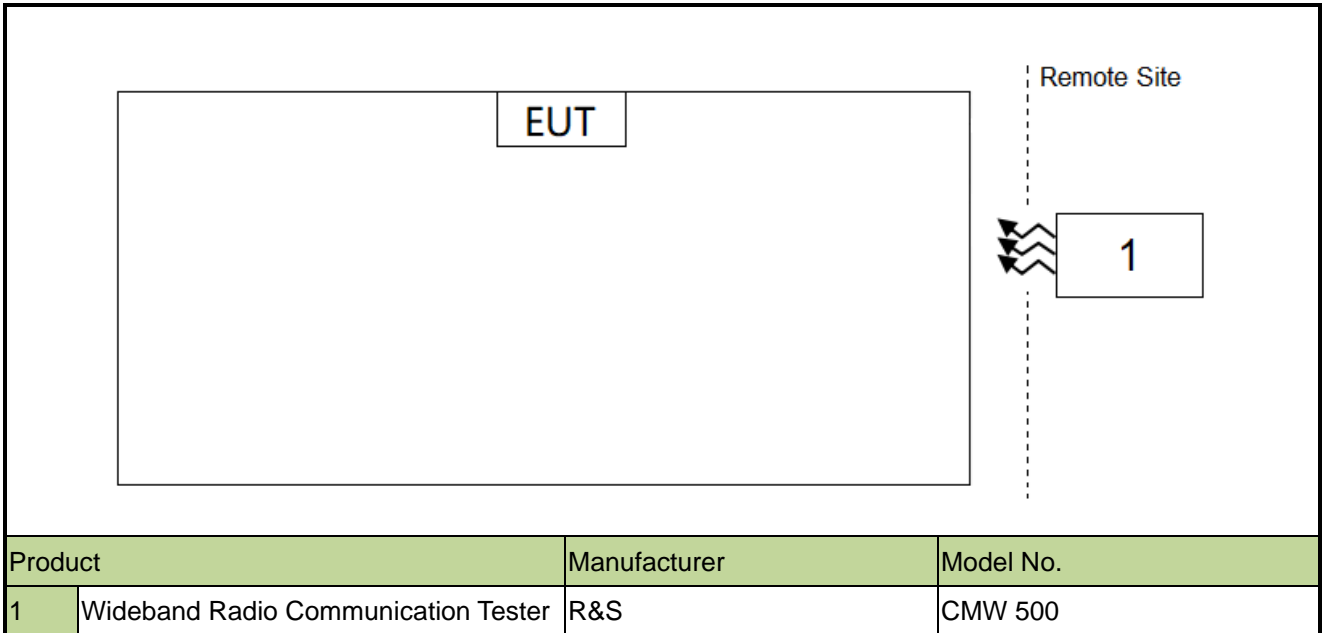
### 1.7. Test Methodology

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ANSI C63.26:2015
- FCC CFR 47 Part 2, Part 22, Part 24, Part 27, Part 90
- FCC KDB 971168 D01 v03r01: Power Meas License Digital Systems
- FCC KDB 412172 D01 v01r01: Determining ERP and EIRP

## 2. Test Configuration

### 2.1. Test System Connection Diagram



### 2.2. Test Environment Condition

Ambient Temperature	15 ~ 35°C
Relative Humidity	20% ~ 75%RH



### 3. Measuring Instrument

Instrument	Manufacturer	Model No.	Asset No.	Cali. Interval	Cali. Due Date	Test Site
TRILOG Antenna	Schwarzbeck	VULB 9162	MRTSUE06022	1 year	2024-05-15	WZ-AC2
EMI Test Receiver	Agilent	N9038A	MRTSUE06125	1 year	2024-05-23	WZ-AC2
Thermohygrometer	Mingle	ETH529	MRTSUE06170	1 year	2023-11-27	WZ-AC2
Horn Antenna	Schwarzbeck	BBHA 9120D	MRTSUE06171	1 year	2023-10-13	WZ-AC2
Preamplifier	Schwarzbeck	BBV 9718	MRTSUE06176	1 year	2024-05-07	WZ-AC2
Anechoic Chamber	RIKEN	WZ-AC2	MRTSUE06213	1 year	2024-04-20	WZ-AC2
Horn Antenna	Schwarzbeck	BBHA 9170	MRTSUE06597	1 year	2023-11-05	WZ-AC2
Preamplifier	EMCI	EMC184045SE	MRTSUE06640	1 year	2024-01-12	WZ-AC2
Preamplifier	EMCI	EMC051845SE	MRTSUE06987	1 year	2023-09-08	WZ-AC2
Thermohygrometer	testo	608-H1	MRTSUE11038	1 year	2023-11-01	WZ-AC2
EMI Test Receiver	R&S	ESR3	MRTSUE06185	1 year	2023-12-28	SIP-AC1
Anechoic Chamber	RIKEN	SIP-AC1	MRTSUE06554	1 year	2023-12-22	SIP-AC1
Signal Analyzer	Keysight	N9010B	MRTSUE06559	1 year	2024-05-23	SIP-AC1
Horn Antenna	Schwarzbeck	BBHA 9170	MRTSUE06599	1 year	2023-10-13	SIP-AC1
Preamplifier	EMCI	EMC051845SE	MRTSUE06600	1 year	2023-11-07	SIP-AC1
Preamplifier	EMCI	EMC184045SE	MRTSUE06602	1 year	2023-10-10	SIP-AC1
Signal Analyzer	Keysight	N9010B	MRTSUE06603	1 year	2023-10-25	SIP-AC1
Horn Antenna	R&S	HF907	MRTSUE06610	1 year	2023-07-13	SIP-AC1
EMI Test Receiver	R&S	ESR3	MRTSUE06613	1 year	2024-05-23	SIP-AC1
Thermohygrometer	testo	608-H1	MRTSUE06616	1 year	2023-11-01	SIP-AC1
Thermohygrometer	testo	608-H1	MRTSUE06620	1 year	2023-11-27	SIP-AC1
Preamplifier	EMCI	EMC001330	MRTSUE06643	1 year	2024-01-12	SIP-AC1
TRILOG Antenna	Schwarzbeck	VULB 9168	MRTSUE06645	1 year	2023-07-30	SIP-AC1
Loop Antenna	Schwarzbeck	FMZB 1519 B	MRTSUE06937	1 year	2024-02-26	SIP-AC1
Communication Tester	R&S	CMW500	MRTSUE06243	1 year	2023-10-08	SIP-SR1
Shielding Room	MIX-BEP	SIP-SR1	MRTSUE06948	N/A	N/A	SIP-SR1
Temperature Chamber	BAOYT	BYG-80CL	MRTSUE06932	1 year	2024-02-12	SIP-SR1
Radio Communication Analyzer	Anritsu	MT8821C	MRTSUE06960	1 year	2023-07-08	WZ-SR6
Communication Tester	R&S	CMW500	MRTSUE06108	1 year	2023-11-25	WZ-SR6
Thermohygrometer	testo	608-H1	MRTSUE06362	1 year	2024-02-14	WZ-SR6
Shielding Room	HUAMING	WZ-SR6	MRTSUE06443	N/A	N/A	WZ-SR6
Directional Coupler	MVE	MVE4816-10	MRTSUE11118	1 year	2023-08-24	WZ
Attenuator	MVE	MVE2213	MRTSUE11093	1 year	2024-06-08	WZ

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Software	Version	Function
EMI Software	V3.0.0	EMI Test Software
Controller_MF 7802	1.02	RE Antenna & Turntable
Controller_MF 7802BS	1.02	RE Antenna & Turntable

## 4. Decision Rules and Measurement Uncertainty

### 4.1. Decision Rules

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4: 2012 Clause 8.2. (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

### 4.2. Measurement Uncertainty

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of  $k = 2$ .

Radiated Spurious Emissions
Measurement Uncertainty for a Level of Confidence of 95% ( $U=2Uc(y)$ ): Horizontal: 9kHz ~ 300MHz: 5.04dB 300MHz ~ 1GHz: 4.95dB 1GHz ~ 40GHz: 6.40dB Vertical: 9kHz ~ 300MHz: 5.24dB 300MHz ~ 1GHz: 6.03dB 1GHz ~ 40GHz: 6.40dB
Output Power
Measuring Uncertainty for a Level of Confidence of 95% ( $U=2Uc(y)$ ): 1.13dB

## 5. Test Result

### 5.1. Summary

FCC Part Section(s)	Test Description	Test Condition	Test Result
22.913(a)(5), 24.232(c) 27.50(c)(10), (a)(3), (d)(4) 90.541(a)(7)	Equivalent (Isotropic) Radiated Power	Conducted	Pass
24.238(a), 22.917(a) 27.53(g), (a)(4), (h), (n)(2), (i)(2) 90.543(e)(f)	Spurious Emissions	Radiated	Pass

#### Notes:

- 1) The analyzer plots shown in this section were all taken with a correction table loaded into the analyzer. The correction table was used to account for the losses of the cables and attenuators used as part of the system to connect the EUT to the analyzer at all frequencies of interest.
- 2) For radiated emission tests, every axis (X, Y, Z) was also verified. The test results shown in the following sections represent the worst-case emissions.
- 3) LTE Band 12 (699 ~ 716 MHz) overlaps the entire frequency range of LTE Band 17 (704 ~ 716 MHz). Therefore, test data provided in this report covers Band 17 as well as Band 12.

## 5.2. Equivalent Isotropically Radiated Power Measurement

### 5.2.1. Test Limit

The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

Fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

The EIRP of mobile transmitters must not exceed 2 watts for Band 2

The ERP of mobile transmitters must not exceed 7 watts for Band 5

The ERP of mobile transmitters must not exceed 3 watts for Band 12, 17

The ERP of mobile transmitters must not exceed 30 watts for Band 14

The EIRP of mobile transmitters must not exceed 0.25 watts/5MHz for Band 30

The EIRP of mobile transmitters must not exceed 1 watt for Band 66.

### 5.2.2. Test Procedure

ANSI C63.26-2015 - Section 5.2

### 5.2.3. Test Setting

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter.

The relevant equation for determining the maximum ERP or EIRP from the measured RF output power is given in Equation (1) as follows:

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

where

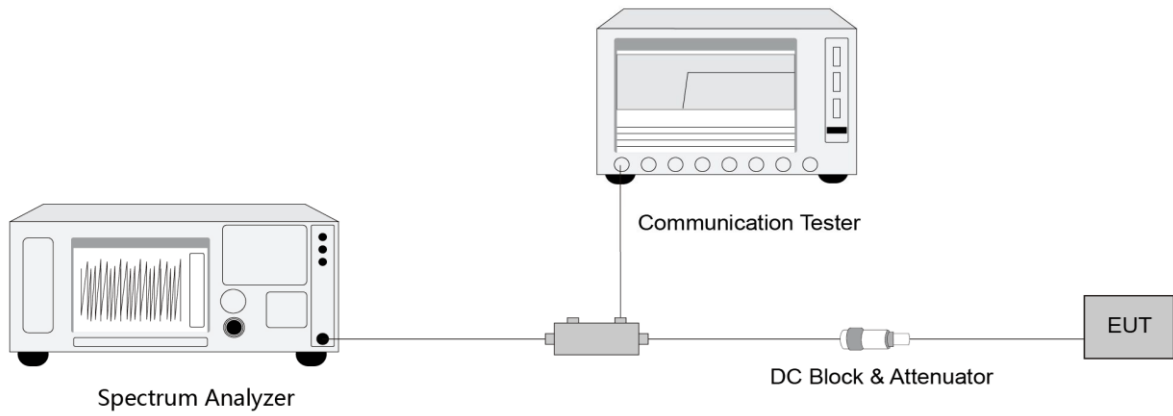
ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively (expressed in the same units as  $P_{\text{Meas}}$ , e.g., dBm or dBW)

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

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

$$\text{ERP} = \text{EIRP} - 2.15$$

### 5.2.4. Test Setup



### 5.2.5. Test Result

Refer to Appendix A.1.

### **5.3. Radiated Spurious Emissions Measurement**

#### **5.3.1. Test Limit**

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.

For operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics in the band 1559-1610 MHz shall be limited to  $-70$  dBW/MHz ( $-40$  dBm/MHz) equivalent isotropically radiated power (EIRP) for wideband signals, and  $-80$  dBW ( $-50$  dBm) 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.

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least  $70 + 10 \log(P)$  dB.

$E$  (dB $\mu$ V/m) = EIRP (dBm) -  $20 \log D$  + 104.8; where D is the measurement distance in meters. The emission limit equal to 82.3dB $\mu$ V/m or 55.3dB $\mu$ V/m.

#### **5.3.2. Test Procedure**

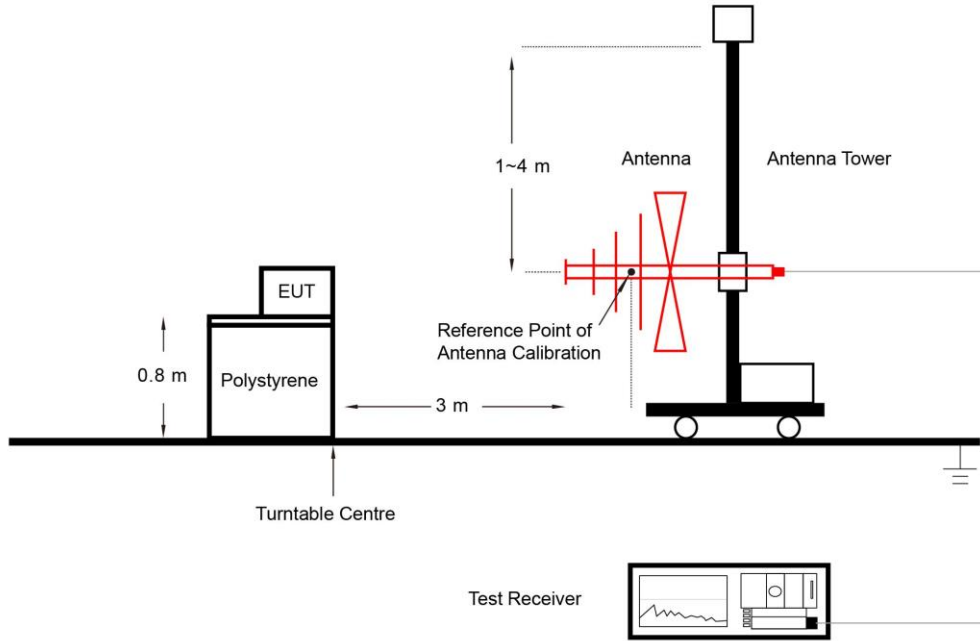
ANSI C63.26-2015 - Section 5.2.7 & 5.5

#### **5.3.3. Test Setting**

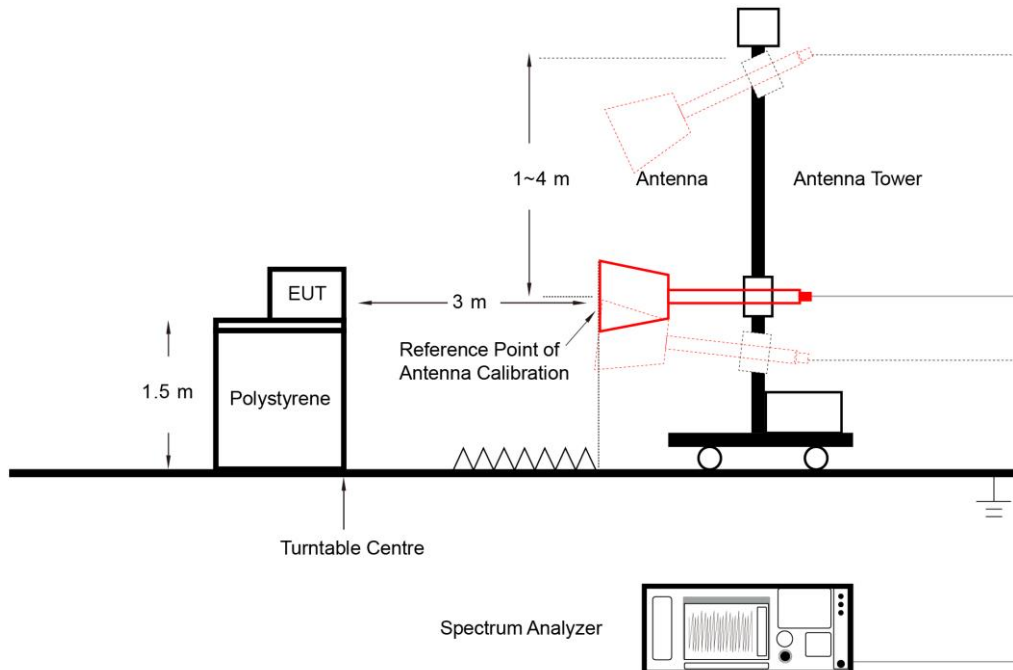
1. RBW = 1MHz
2. VBW  $\geq 3 \times$  RBW
3. Sweep time  $\geq 10 \times$  (number of points in sweep)  $\times$  (transmission symbol period)
4. Detector = Peak
5. Trace mode = max hold
6. The trace was allowed to stabilize

### 5.3.4. Test Setup

#### Below 1GHz Test Setup:



#### Above 1GHz Test Setup:



### 5.3.5. Test Result

Refer to Appendix A.2.



## Appendix A - Test Result

### A.1 Equivalent Isotropically Radited Power Test Result

Test Site	WZ-SR6	Test Engineer	Lucas Wang
Test Date	2023-06-03 ~ 2023-06-14	Test Band	LTE Band 2

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
1.4	1850.70	1	0	22.65	24.02	< 33.01
	1880.00			22.83	24.20	< 33.01
	1909.30			22.72	24.09	< 33.01
1.4	1850.70	1	2	22.65	24.02	< 33.01
	1880.00			22.77	24.14	< 33.01
	1909.30			22.76	24.13	< 33.01
1.4	1850.70	1	6	22.58	23.95	< 33.01
	1880.00			22.79	24.16	< 33.01
	1909.30			22.66	24.03	< 33.01
1.4	1850.70	6	0	22.22	23.59	< 33.01
	1880.00			22.34	23.71	< 33.01
	1909.30			22.26	23.63	< 33.01
3	1851.50	1	0	22.67	24.04	< 33.01
	1880.00			22.68	24.05	< 33.01
	1908.50			22.76	24.13	< 33.01
3	1851.50	1	7	22.63	24.00	< 33.01
	1880.00			22.88	24.25	< 33.01
	1908.50			22.85	24.22	< 33.01
3	1851.50	1	14	22.67	24.04	< 33.01
	1880.00			22.82	24.19	< 33.01
	1908.50			22.74	24.11	< 33.01
3	1851.50	15	0	22.26	23.63	< 33.01
	1880.00			22.37	23.74	< 33.01
	1908.50			22.33	23.70	< 33.01

Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
5	1852.50	1	0	22.63	24.00	< 33.01
	1880.00			22.82	24.19	< 33.01
	1907.50			22.80	24.17	< 33.01
5	1852.50	1	12	22.72	24.09	< 33.01
	1880.00			22.94	24.31	< 33.01
	1907.50			22.92	24.29	< 33.01
5	1852.50	1	24	22.66	24.03	< 33.01
	1880.00			22.77	24.14	< 33.01
	1907.50			22.81	24.18	< 33.01
5	1852.50	25	0	22.33	23.70	< 33.01
	1880.00			22.44	23.81	< 33.01
	1907.50			22.40	23.77	< 33.01
10	1855.00	1	0	22.69	24.06	< 33.01
	1880.00			22.87	24.24	< 33.01
	1905.00			22.87	24.24	< 33.01
10	1855.00	1	24	22.79	24.16	< 33.01
	1880.00			22.93	24.30	< 33.01
	1905.00			22.90	24.27	< 33.01
10	1855.00	1	49	22.74	24.11	< 33.01
	1880.00			22.85	24.22	< 33.01
	1905.00			22.84	24.21	< 33.01
10	1855.00	50	0	22.37	23.74	< 33.01
	1880.00			22.46	23.83	< 33.01
	1905.00			22.43	23.80	< 33.01

Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
15	1857.50	1	0	22.44	23.81	< 33.01
	1880.00			22.66	24.03	< 33.01
	1902.50			22.71	24.08	< 33.01
15	1857.50	1	37	22.63	24.00	< 33.01
	1880.00			22.72	24.09	< 33.01
	1902.50			22.74	24.11	< 33.01
15	1857.50	1	74	22.71	24.08	< 33.01
	1880.00			22.69	24.06	< 33.01
	1902.50			22.58	23.95	< 33.01
15	1857.50	75	0	22.26	23.63	< 33.01
	1880.00			22.17	23.54	< 33.01
	1902.50			22.26	23.63	< 33.01
20	1860.00	1	0	22.59	23.96	< 33.01
	1880.00			22.68	24.05	< 33.01
	1900.00			22.73	24.10	< 33.01
20	1860.00	1	49	22.60	23.97	< 33.01
	1880.00			22.70	24.07	< 33.01
	1900.00			22.78	24.15	< 33.01
20	1860.00	1	99	22.69	24.06	< 33.01
	1880.00			22.77	24.14	< 33.01
	1900.00			22.73	24.10	< 33.01
20	1860.00	100	0	22.26	23.63	< 33.01
	1880.00			22.30	23.67	< 33.01
	1900.00			22.34	23.71	< 33.01

Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

Test Site	WZ-SR6	Test Engineer	Lucas Wang
Test Date	2023-06-03 ~ 2023-06-14	Test Band	LTE Band 5

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
1.4	824.70	1	0	22.66	21.69	< 38.48
	836.50			22.80	21.83	< 38.48
	848.30			22.86	21.89	< 38.48
1.4	824.70	1	2	22.73	21.76	< 38.48
	836.50			22.78	21.81	< 38.48
	848.30			22.86	21.89	< 38.48
1.4	824.70	1	6	22.72	21.75	< 38.48
	836.50			22.79	21.82	< 38.48
	848.30			22.83	21.86	< 38.48
1.4	824.70	6	0	22.25	21.28	< 38.48
	836.50			22.33	21.36	< 38.48
	848.30			22.39	21.42	< 38.48
3	825.50	1	0	22.64	21.67	< 38.48
	836.50			22.80	21.83	< 38.48
	847.50			23.00	22.03	< 38.48
3	825.50	1	7	22.81	21.84	< 38.48
	836.50			22.95	21.98	< 38.48
	847.50			22.91	21.94	< 38.48
3	825.50	1	14	22.74	21.77	< 38.48
	836.50			22.77	21.80	< 38.48
	847.50			22.80	21.83	< 38.48
3	825.50	15	0	22.34	21.37	< 38.48
	836.50			22.46	21.49	< 38.48
	847.50			22.43	21.46	< 38.48

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
5	826.50	1	0	22.62	21.65	< 38.48
	836.50			22.86	21.89	< 38.48
	846.50			23.03	22.06	< 38.48
5	826.50	1	12	22.77	21.80	< 38.48
	836.50			22.99	22.02	< 38.48
	846.50			22.92	21.95	< 38.48
5	826.50	1	24	22.76	21.79	< 38.48
	836.50			22.95	21.98	< 38.48
	846.50			22.91	21.94	< 38.48
5	826.50	25	0	22.37	21.40	< 38.48
	836.50			22.34	21.37	< 38.48
	846.50			22.48	21.51	< 38.48
10	829.00	1	0	22.79	21.82	< 38.48
	836.50			22.99	22.02	< 38.48
	844.00			23.10	22.13	< 38.48
10	829.00	1	24	22.84	21.87	< 38.48
	836.50			22.89	21.92	< 38.48
	844.00			22.95	21.98	< 38.48
10	829.00	1	49	22.80	21.83	< 38.48
	836.50			22.88	21.91	< 38.48
	844.00			22.83	21.86	< 38.48
10	829.00	50	0	22.39	21.42	< 38.48
	836.50			22.39	21.42	< 38.48
	844.00			22.47	21.50	< 38.48
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Test Site	WZ-SR6	Test Engineer	Lucas Wang
Test Date	2023-06-03 ~ 2023-06-14	Test Band	LTE Band 12/17

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
1.4	699.70	1	0	22.62	21.65	< 34.77
	707.50			22.60	21.63	< 34.77
	715.30			22.68	21.71	< 34.77
1.4	699.70	1	2	22.60	21.63	< 34.77
	707.50			22.64	21.67	< 34.77
	715.30			22.62	21.65	< 34.77
1.4	699.70	1	6	22.67	21.70	< 34.77
	707.50			22.63	21.66	< 34.77
	715.30			22.74	21.77	< 34.77
1.4	699.70	6	0	22.12	21.15	< 34.77
	707.50			22.24	21.27	< 34.77
	715.30			22.24	21.27	< 34.77
3	700.50	1	0	22.58	21.61	< 34.77
	707.50			22.79	21.82	< 34.77
	714.50			22.69	21.72	< 34.77
3	700.50	1	7	22.67	21.70	< 34.77
	707.50			22.74	21.77	< 34.77
	714.50			22.81	21.84	< 34.77
3	700.50	1	14	22.61	21.64	< 34.77
	707.50			22.63	21.66	< 34.77
	714.50			22.59	21.62	< 34.77
3	700.50	15	0	22.20	21.23	< 34.77
	707.50			22.18	21.21	< 34.77
	714.50			22.23	21.26	< 34.77

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
5	701.50	1	0	22.61	21.64	< 34.77
	707.50			22.70	21.73	< 34.77
	713.50			22.67	21.70	< 34.77
5	701.50	1	12	22.63	21.66	< 34.77
	707.50			22.77	21.80	< 34.77
	713.50			22.81	21.84	< 34.77
5	701.50	1	24	22.66	21.69	< 34.77
	707.50			22.57	21.60	< 34.77
	713.50			22.71	21.74	< 34.77
5	701.50	25	0	22.21	21.24	< 34.77
	707.50			22.21	21.24	< 34.77
	713.50			22.34	21.37	< 34.77
10	704.00	1	0	22.75	21.78	< 34.77
	707.50			22.75	21.78	< 34.77
	711.00			22.68	21.71	< 34.77
10	704.00	1	24	22.74	21.77	< 34.77
	707.50			22.74	21.77	< 34.77
	711.00			22.81	21.84	< 34.77
10	704.00	1	49	22.77	21.80	< 34.77
	707.50			22.65	21.68	< 34.77
	711.00			22.60	21.63	< 34.77
10	704.00	50	0	22.34	21.37	< 34.77
	707.50			22.24	21.27	< 34.77
	711.00			22.34	21.37	< 34.77
Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15						

Test Site	WZ-SR6	Test Engineer	Lucas Wang
Test Date	2023-06-03 ~ 2023-06-14	Test Band	LTE Band 14

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
5	790.50	1	0	22.65	21.68	< 44.77
	793.00			22.63	21.66	< 44.77
	795.50			22.58	21.61	< 44.77
5	790.50	1	12	22.65	21.68	< 44.77
	793.00			22.58	21.61	< 44.77
	795.50			22.53	21.56	< 44.77
5	790.50	1	24	22.54	21.57	< 44.77
	793.00			22.48	21.51	< 44.77
	795.50			22.54	21.57	< 44.77
5	790.50	25	0	22.21	21.24	< 44.77
	793.00			22.12	21.15	< 44.77
	795.50			22.15	21.18	< 44.77
10	793.00	1	0	22.55	21.58	< 44.77
		1	24	22.57	21.60	< 44.77
		1	49	22.50	21.53	< 44.77
		50	0	22.17	21.20	< 44.77

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15



Test Site	WZ-SR6	Test Engineer	Lucas Wang
Test Date	2023-06-03 ~ 2023-06-14	Test Band	LTE Band 30

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm/5MHz)	EIRP (dBm/5MHz)	Limit (dBm/5MHz)
QPSK						
5	2307.50	1	0	22.40	23.51	< 23.98
	2310.00			22.45	23.56	< 23.98
	2312.50			22.50	23.61	< 23.98
5	2307.50	1	12	22.46	23.57	< 23.98
	2310.00			22.48	23.59	< 23.98
	2312.50			22.50	23.61	< 23.98
5	2307.50	1	24	22.45	23.56	< 23.98
	2310.00			22.45	23.56	< 23.98
	2312.50			22.36	23.47	< 23.98
5	2307.50	25	0	21.58	22.69	< 23.98
	2310.00			21.54	22.65	< 23.98
	2312.50			21.60	22.71	< 23.98
10	2310.00	1	0	22.46	23.57	< 23.98
		1	24	22.49	23.60	< 23.98
		1	49	22.41	23.52	< 23.98
		50	0	19.06	20.17	< 23.98

Note: The EIRP (dBm/5MHz) = Output Power (dBm/5MHz) + Antenna Gain (dBi)

Test Site	WZ-SR6	Test Engineer	Lucas Wang
Test Date	2023-06-03 ~ 2023-06-14	Test Band	LTE Band 66

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
1.4	1710.70	1	0	22.80	24.17	< 30.00
	1745.00			22.74	24.11	< 30.00
	1779.30			22.74	24.11	< 30.00
1.4	1710.70	1	2	22.91	24.28	< 30.00
	1745.00			22.87	24.24	< 30.00
	1779.30			22.99	24.36	< 30.00
1.4	1710.70	1	6	22.90	24.27	< 30.00
	1745.00			22.75	24.12	< 30.00
	1779.30			22.82	24.19	< 30.00
1.4	1710.70	6	0	22.48	23.85	< 30.00
	1745.00			22.33	23.70	< 30.00
	1779.30			22.34	23.71	< 30.00
3	1711.50	1	0	22.84	24.21	< 30.00
	1745.00			22.76	24.13	< 30.00
	1778.50			22.70	24.07	< 30.00
3	1711.50	1	7	22.94	24.31	< 30.00
	1745.00			22.86	24.23	< 30.00
	1778.50			22.91	24.28	< 30.00
3	1711.50	1	14	22.82	24.19	< 30.00
	1745.00			22.79	24.16	< 30.00
	1778.50			22.79	24.16	< 30.00
3	1711.50	15	0	22.40	23.77	< 30.00
	1745.00			22.46	23.83	< 30.00
	1778.50			22.37	23.74	< 30.00

Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
5	1712.50	1	0	22.85	24.22	< 30.00
	1745.00			22.80	24.17	< 30.00
	1777.50			22.79	24.16	< 30.00
5	1712.50	1	12	22.96	24.33	< 30.00
	1745.00			22.95	24.32	< 30.00
	1777.50			22.86	24.23	< 30.00
5	1712.50	1	24	22.96	24.33	< 30.00
	1745.00			22.82	24.19	< 30.00
	1777.50			22.85	24.22	< 30.00
5	1712.50	25	0	22.51	23.88	< 30.00
	1745.00			22.37	23.74	< 30.00
	1777.50			22.42	23.79	< 30.00
10	1715.00	1	0	22.84	24.21	< 30.00
	1745.00			22.92	24.29	< 30.00
	1775.00			22.81	24.18	< 30.00
10	1715.00	1	24	22.90	24.27	< 30.00
	1745.00			22.86	24.23	< 30.00
	1775.00			22.84	24.21	< 30.00
10	1715.00	1	49	23.00	24.37	< 30.00
	1745.00			22.85	24.22	< 30.00
	1775.00			22.83	24.20	< 30.00
10	1715.00	50	0	22.47	23.84	< 30.00
	1745.00			22.47	23.84	< 30.00
	1775.00			22.44	23.81	< 30.00

Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
QPSK						
15	1717.50	1	0	22.79	24.16	< 30.00
	1745.00			22.71	24.08	< 30.00
	1772.50			22.54	23.91	< 30.00
15	1717.50	1	37	22.72	24.09	< 30.00
	1745.00			22.72	24.09	< 30.00
	1772.50			22.63	24.00	< 30.00
15	1717.50	1	74	22.91	24.28	< 30.00
	1745.00			22.69	24.06	< 30.00
	1772.50			22.62	23.99	< 30.00
15	1717.50	75	0	22.28	23.65	< 30.00
	1745.00			22.30	23.67	< 30.00
	1772.50			22.25	23.62	< 30.00
20	1720.00	1	0	22.71	24.08	< 30.00
	1745.00			22.69	24.06	< 30.00
	1770.00			22.61	23.98	< 30.00
20	1720.00	1	49	22.74	24.11	< 30.00
	1745.00			22.76	24.13	< 30.00
	1770.00			22.68	24.05	< 30.00
20	1720.00	1	99	22.88	24.25	< 30.00
	1745.00			22.86	24.23	< 30.00
	1770.00			22.71	24.08	< 30.00
20	1720.00	100	0	22.33	23.70	< 30.00
	1745.00			22.29	23.66	< 30.00
	1770.00			22.21	23.58	< 30.00

Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

Test Site	SIP-SR1	Test Engineer	Gordon Qi
Test Date	2023-06-03 ~ 2023-06-14	Test Band	Intra-Band CA_2C

Channel Bandwidth (MHz)	Frequency (MHz)		PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
	PCC	SCC					
QPSK							
5+20	1853.3	1865.0	P_1@0	S_0@0	23.10	24.47	< 33.01
	1870.8	1882.5			23.04	24.41	< 33.01
	1888.3	1900.0			23.14	24.51	< 33.01
	1853.3	1865.0	P_1@13	S_0@0	23.14	24.51	< 33.01
	1870.8	1882.5			23.05	24.42	< 33.01
	1888.3	1900.0			23.12	24.49	< 33.01
	1853.3	1865.0	P_1@24	S_0@0	23.08	24.45	< 33.01
	1870.8	1882.5			23.03	24.40	< 33.01
	1888.3	1900.0			23.10	24.47	< 33.01
	1853.3	1865.0	P_25@0	S_100@0	23.07	24.44	< 33.01
	1870.8	1882.5			23.09	24.46	< 33.01
	1888.3	1900.0			23.08	24.45	< 33.01
10+15	1855.3	1867.3	P_1@0	S_0@0	23.30	24.67	< 33.01
	1872.9	1884.9			23.07	24.44	< 33.01
	1890.5	1902.5			23.06	24.43	< 33.01
	1855.3	1867.3	P_1@25	S_0@0	23.26	24.63	< 33.01
	1872.9	1884.9			23.08	24.45	< 33.01
	1890.5	1902.5			23.12	24.49	< 33.01
	1855.3	1867.3	P_1@49	S_0@0	23.28	24.65	< 33.01
	1872.9	1884.9			23.10	24.47	< 33.01
	1890.5	1902.5			23.04	24.41	< 33.01
	1855.3	1867.3	P_50@0	S_75@0	22.23	23.60	< 33.01
	1872.9	1884.9			22.21	23.58	< 33.01
	1890.5	1902.5			22.23	23.60	< 33.01

Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)		PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
	PCC	SCC					
QPSK							
15+10	1857.5	1869.5	P_1@0	S_0@0	23.20	24.57	< 33.01
	1875.1	1887.1			23.05	24.42	< 33.01
	1892.7	1904.7			23.27	24.64	< 33.01
	1857.5	1869.5	P_1@38	S_0@0	23.22	24.59	< 33.01
	1875.1	1887.1			23.02	24.39	< 33.01
	1892.7	1904.7			23.26	24.63	< 33.01
	1857.5	1869.5	P_1@74	S_0@0	23.25	24.62	< 33.01
	1875.1	1887.1			23.00	24.37	< 33.01
	1892.7	1904.7			23.31	24.68	< 33.01
	1857.5	1869.5	P_75@0	S_50@0	22.10	23.47	< 33.01
	1875.1	1887.1			22.07	23.44	< 33.01
	1892.7	1904.7			22.06	23.43	< 33.01
20+5	1860.0	1871.7	P_1@0	S_0@0	22.98	24.35	< 33.01
	1877.5	1889.2			23.14	24.51	< 33.01
	1895.0	1906.7			23.05	24.42	< 33.01
	1860.0	1871.7	P_1@49	S_0@0	23.00	24.37	< 33.01
	1877.5	1889.2			23.16	24.53	< 33.01
	1895.0	1906.7			23.03	24.40	< 33.01
	1860.0	1871.7	P_1@99	S_0@0	23.04	24.41	< 33.01
	1877.5	1889.2			23.07	24.44	< 33.01
	1895.0	1906.7			22.89	24.26	< 33.01
	1860.0	1871.7	P_100@	S_25@0	22.20	23.57	< 33.01
	1877.5	1889.2			22.18	23.55	< 33.01
	1895.0	1906.7			22.18	23.55	< 33.01

Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)		PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
	PCC	SCC					
QPSK							
10+20	1855.5	1869.9	P_1@0	S_0@0	23.10	24.47	< 33.01
	1870.6	1885.0			23.26	24.63	< 33.01
	1885.6	1900.0			23.09	24.46	< 33.01
	1855.5	1869.9	P_1@25	S_0@0	23.15	24.52	< 33.01
	1870.6	1885.0			23.26	24.63	< 33.01
	1885.6	1900.0			23.08	24.45	< 33.01
	1855.5	1869.9	P_1@49	S_0@0	23.18	24.55	< 33.01
	1870.6	1885.0			23.21	24.58	< 33.01
	1885.6	1900.0			23.07	24.44	< 33.01
	1855.5	1869.9	P_50@0	S_100@0	22.45	23.82	< 33.01
	1870.6	1885.0			22.46	23.83	< 33.01
	1885.6	1900.0			22.46	23.83	< 33.01
15+15	1857.5	1904.5	P_1@0	S_0@0	23.21	24.58	< 33.01
	1872.5	1872.5			23.09	24.46	< 33.01
	1887.5	1887.5			23.08	24.45	< 33.01
	1857.5	1902.5	P_1@38	S_0@0	23.17	24.54	< 33.01
	1872.5	1872.5			23.06	24.43	< 33.01
	1887.5	1887.5			23.08	24.45	< 33.01
	1857.5	1902.5	P_1@74	S_0@0	23.15	24.52	< 33.01
	1872.5	1872.5			23.06	24.43	< 33.01
	1887.5	1887.5			23.02	24.39	< 33.01
	1857.5	1902.5	P_75@0	S_75@0	22.02	23.39	< 33.01
	1872.5	1872.5			22.01	23.38	< 33.01
	1887.5	1887.5			21.99	23.36	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							

Channel Bandwidth (MHz)	Frequency (MHz)		PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
	PCC	SCC					
QPSK							
20+10	1860.0	1874.4	P_1@0	S_0@0	23.10	24.47	< 33.01
	1875.1	1889.5			23.26	24.63	< 33.01
	1890.1	1904.5			23.09	24.46	< 33.01
	1860.0	1874.4	P_1@49	S_0@0	23.15	24.52	< 33.01
	1875.1	1889.5			23.26	24.63	< 33.01
	1890.1	1904.5			23.08	24.45	< 33.01
	1860.0	1874.4	P_1@99	S_0@0	23.18	24.55	< 33.01
	1875.1	1889.5			23.21	24.58	< 33.01
	1890.1	1904.5			23.07	24.44	< 33.01
	1860.0	1874.4	P_100@0	S_50@0	22.45	23.82	< 33.01
	1875.1	1889.5			22.46	23.83	< 33.01
	1890.1	1904.5			22.46	23.83	< 33.01
15+20	1857.8	1874.9	P_1@0	S_0@0	23.04	24.41	< 33.01
	1870.3	1887.4			23.06	24.43	< 33.01
	1882.9	1900.0			23.14	24.51	< 33.01
	1857.8	1874.9	P_1@38	S_0@0	23.17	24.54	< 33.01
	1870.3	1887.4			23.10	24.47	< 33.01
	1882.9	1900.0			23.20	24.57	< 33.01
	1857.8	1874.9	P_1@74	S_0@0	23.09	24.46	< 33.01
	1870.3	1887.4			23.05	24.42	< 33.01
	1882.9	1900.0			23.16	24.53	< 33.01
	1857.8	1874.9	P_75@0	S_100@0	22.26	23.63	< 33.01
	1870.3	1887.4			22.25	23.62	< 33.01
	1882.9	1900.0			22.17	23.54	< 33.01
Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)							



Channel Bandwidth (MHz)	Frequency (MHz)		PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
	PCC	SCC					
QPSK							
20+15	1860.0	1877.1	P_1@0	S_0@0	23.06	24.43	< 33.01
	1872.6	1889.7			23.07	24.44	< 33.01
	1885.1	1902.2			23.08	24.45	< 33.01
	1860.0	1877.1	P_1@49	S_0@0	23.14	24.51	< 33.01
	1872.6	1889.7			23.11	24.48	< 33.01
	1885.1	1902.2			23.12	24.49	< 33.01
	1860.0	1877.1	P_1@99	S_0@0	23.17	24.54	< 33.01
	1872.6	1889.7			23.12	24.49	< 33.01
	1885.1	1902.2			23.08	24.45	< 33.01
	1860.0	1877.1	P_100@0	S_75@0	22.05	23.42	< 33.01
	1872.6	1889.7			21.90	23.27	< 33.01
	1885.1	1902.2			22.08	23.45	< 33.01
20+20	1860.0	1879.8	P_1@0	S_0@0	23.04	24.41	< 33.01
	1870.1	1889.9			23.11	24.48	< 33.01
	1880.2	1900.0			23.12	24.49	< 33.01
	1860.0	1879.8	P_1@49	S_0@0	23.12	24.49	< 33.01
	1870.1	1889.9			23.16	24.53	< 33.01
	1880.2	1900.0			23.14	24.51	< 33.01
	1860.0	1879.8	P_1@99	S_0@0	23.10	24.47	< 33.01
	1870.1	1889.9			23.13	24.50	< 33.01
	1880.2	1900.0			23.13	24.50	< 33.01
	1860.0	1879.8	P_100@0	S_100@0	22.08	23.45	< 33.01
	1870.1	1889.9			22.05	23.42	< 33.01
	1880.2	1900.0			22.05	23.42	< 33.01

Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

Test Site	SIP-SR1	Test Engineer	Gordon Qi
Test Date	2023-06-03 ~ 2023-06-14	Test Band	Intra-Band CA_5B

Channel Bandwidth (MHz)	Frequency (MHz)		PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
	PCC	SCC					
QPSK							
3+5	825.6	829.5	P_1@0	S_0@0	23.31	22.34	< 38.48
	834.0	838.0			23.25	22.28	< 38.48
	842.6	846.5			23.44	22.47	< 38.48
	825.6	829.5	P_1@8	S_0@0	23.37	22.40	< 38.48
	834.0	838.0			23.46	22.49	< 38.48
	842.6	846.5			23.55	22.58	< 38.48
	825.6	829.5	P_1@14	S_0@0	23.25	22.28	< 38.48
	834.0	838.0			23.39	22.42	< 38.48
	842.6	846.5			23.37	22.40	< 38.48
	825.6	829.5	P_15@0	S_25@0	24.08	23.11	< 38.48
	834.0	838.0			23.89	22.92	< 38.48
	842.6	846.5			23.64	22.67	< 38.48
5+3	826.5	830.4	P_1@0	S_0@0	23.38	22.41	< 38.48
	835.0	838.9			23.33	22.36	< 38.48
	843.5	847.4			23.38	22.41	< 38.48
	826.5	830.4	P_1@13	S_0@0	23.48	22.51	< 38.48
	835.0	838.9			23.52	22.55	< 38.48
	843.5	847.4			23.40	22.43	< 38.48
	826.5	830.4	P_1@24	S_0@0	23.32	22.35	< 38.48
	835.0	838.9			23.25	22.28	< 38.48
	843.5	847.4			22.94	21.97	< 38.48
	826.5	830.4	P_25@0	S_15@0	23.66	22.69	< 38.48
	835.0	838.9			23.42	22.45	< 38.48
	843.5	847.4			23.21	22.24	< 38.48

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Channel Bandwidth (MHz)	Frequency (MHz)		PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
	PCC	SCC					
QPSK							
5+10	826.8	834.0	P_1@0	S_0@0	23.26	22.29	< 38.48
	831.8	839.0			23.24	22.27	< 38.48
	836.8	844.0			23.43	22.46	< 38.48
	826.8	834.0	P_1@13	S_0@0	23.38	22.41	< 38.48
	831.8	839.0			23.38	22.41	< 38.48
	836.8	844.0			23.58	22.61	< 38.48
	826.8	834.0	P_1@24	S_0@0	23.31	22.34	< 38.48
	831.8	839.0			23.32	22.35	< 38.48
	836.8	844.0			23.45	22.48	< 38.48
	826.8	834.0	P_25@0	S_50@0	22.79	21.82	< 38.48
	831.8	839.0			22.81	21.84	< 38.48
	836.8	844.0			22.90	21.93	< 38.48
10+5	829.0	836.2	P_1@0	S_0@0	23.20	22.23	< 38.48
	834.1	841.2			23.34	22.37	< 38.48
	839.0	846.2			23.34	22.37	< 38.48
	829.0	836.2	P_1@25	S_0@0	23.28	22.31	< 38.48
	834.1	841.2			23.46	22.49	< 38.48
	839.0	846.2			23.42	22.45	< 38.48
	829.0	836.2	P_1@49	S_0@0	23.34	22.37	< 38.48
	834.1	841.2			23.44	22.47	< 38.48
	839.0	846.2			23.35	22.38	< 38.48
	829.0	836.2	P_50@	S_25@0	22.35	21.38	< 38.48
	834.1	841.2			22.42	21.45	< 38.48
	839.0	846.2			22.44	21.47	< 38.48

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Channel Bandwidth (MHz)	Frequency (MHz)		PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
	PCC	SCC					
QPSK							
10+10	829.0	838.9	P_1@0	S_0@0	23.19	22.22	< 38.48
	831.6	841.5			23.32	22.35	< 38.48
	834.1	844.0			23.34	22.37	< 38.48
	829.0	838.9	P_1@25	S_0@0	23.30	22.33	< 38.48
	831.6	841.5			23.40	22.43	< 38.48
	834.1	844.0			23.51	22.54	< 38.48
	829.0	838.9	P_1@49	S_0@0	23.33	22.36	< 38.48
	831.6	841.5			23.35	22.38	< 38.48
	834.1	844.0			23.42	22.45	< 38.48
	829.0	838.9	P_50@0	S_50@0	22.38	21.41	< 38.48
	831.6	841.5			22.40	21.43	< 38.48
	834.1	844.0			22.45	21.48	< 38.48

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Test Site	SIP-SR1	Test Engineer	Gordon Qi
Test Date	2023-06-03 ~ 2023-06-14	Test Band	Intra-Band CA_66B

Channel Bandwidth (MHz)	Frequency (MHz)		PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
	PCC	SCC					
QPSK							
5+5	1712.5	1717.3	P_1@0	S_0@0	23.04	24.41	< 30.00
	1752.6	1757.4			23.17	24.54	< 30.00
	1772.7	1777.5			23.27	24.64	< 30.00
	1712.5	1717.3	P_1@13	S_0@0	23.13	24.50	< 30.00
	1752.6	1757.4			23.25	24.62	< 30.00
	1772.7	1777.5			23.34	24.71	< 30.00
	1712.5	1717.3	P_1@25	S_0@0	23.08	24.45	< 30.00
	1752.6	1757.4			23.23	24.60	< 30.00
	1772.7	1777.5			23.28	24.65	< 30.00
	1712.5	1717.3	P_25@0	S_25@0	22.09	23.46	< 30.00
	1752.6	1757.4			22.20	23.57	< 30.00
	1772.7	1777.5			22.30	23.67	< 30.00
5+10	1712.8	1720.0	P_1@0	S_0@0	22.95	24.32	< 30.00
	1750.3	1757.5			23.08	24.45	< 30.00
	1767.8	1775.0			23.12	24.49	< 30.00
	1712.8	1720.0	P_1@13	S_0@0	23.05	24.42	< 30.00
	1750.3	1757.5			23.17	24.54	< 30.00
	1767.8	1775.0			23.17	24.54	< 30.00
	1712.8	1720.0	P_1@24	S_0@0	22.94	24.31	< 30.00
	1750.3	1757.5			23.10	24.47	< 30.00
	1767.8	1775.0			23.14	24.51	< 30.00
	1712.8	1720.0	P_25@0	S_50@0	22.35	23.72	< 30.00
	1750.3	1757.5			22.47	23.84	< 30.00
	1767.8	1775.0			22.51	23.88	< 30.00

Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)		PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
	PCC	SCC					
QPSK							
10+5	1715.0	1722.2	P_1@0	S_0@0	23.07	24.44	< 30.00
	1752.5	1759.7			23.15	24.52	< 30.00
	1770.0	1777.2			23.15	24.52	< 30.00
	1715.0	1722.2	P_1@25	S_0@0	23.22	24.59	< 30.00
	1752.5	1759.7			23.21	24.58	< 30.00
	1770.0	1777.2			23.22	24.59	< 30.00
	1715.0	1722.2	P_1@49	S_0@0	23.07	24.44	< 30.00
	1752.5	1759.7			23.14	24.51	< 30.00
	1770.0	1777.2			23.13	24.50	< 30.00
	1715.0	1722.2	P_50@0	S_25@0	21.90	23.27	< 30.00
	1752.5	1759.7			22.07	23.44	< 30.00
	1770.0	1777.2			22.12	23.49	< 30.00
5+15	1713.0	1722.3	P_1@0	S_0@0	23.12	24.49	< 30.00
	1748.1	1757.4			23.06	24.43	< 30.00
	1763.2	1772.5			23.12	24.49	< 30.00
	1713.0	1722.3	P_1@13	S_0@0	23.18	24.55	< 30.00
	1748.1	1757.4			23.16	24.53	< 30.00
	1763.2	1772.5			23.20	24.57	< 30.00
	1713.0	1722.3	P_1@24	S_0@0	23.13	24.50	< 30.00
	1748.1	1757.4			23.14	24.51	< 30.00
	1763.2	1772.5			23.19	24.56	< 30.00
	1713.0	1722.3	P_25@	S_75@0	22.67	24.04	< 30.00
	1748.1	1757.4			22.81	24.18	< 30.00
	1763.2	1772.5			22.82	24.19	< 30.00

Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)		PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
	PCC	SCC					
QPSK							
10+10	1715.0	1724.9	P_1@0	S_0@0	23.03	24.40	< 30.00
	1750.1	1760.0			23.11	24.48	< 30.00
	1765.1	1775.0			23.26	24.63	< 30.00
	1715.0	1724.9	P_1@25	S_0@0	23.09	24.46	< 30.00
	1750.1	1760.0			23.20	24.57	< 30.00
	1765.1	1775.0			23.31	24.68	< 30.00
	1715.0	1724.9	P_1@49	S_0@0	23.00	24.37	< 30.00
	1750.1	1760.0			23.05	24.42	< 30.00
	1765.1	1775.0			23.16	24.53	< 30.00
	1715.0	1724.9	P_50@	S_25@0	21.90	23.27	< 30.00
	1750.1	1760.0			22.07	23.44	< 30.00
	1765.1	1775.0			22.14	23.51	< 30.00
15+5	1717.5	1726.8	P_1@0	S_0@0	23.04	24.41	< 30.00
	1752.6	1761.9			23.02	24.39	< 30.00
	1767.7	1777.0			23.17	24.54	< 30.00
	1717.5	1726.8	P_1@38	S_0@0	23.09	24.46	< 30.00
	1752.6	1761.9			23.14	24.51	< 30.00
	1767.7	1777.0			23.18	24.55	< 30.00
	1717.5	1726.8	P_1@74	S_0@0	23.06	24.43	< 30.00
	1752.6	1761.9			23.07	24.44	< 30.00
	1767.7	1777.0			23.12	24.49	< 30.00
	1717.5	1726.8	P_75@	S_25@0	22.10	23.47	< 30.00
	1752.6	1761.9			22.32	23.69	< 30.00
	1767.7	1777.0			22.28	23.65	< 30.00

Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

Test Site	SIP-SR1	Test Engineer	Gordon Qi
Test Date	2023-06-03 ~ 2023-06-14	Test Band	Intra-Band CA_66C

Channel Bandwidth (MHz)	Frequency (MHz)		PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
	PCC	SCC					
QPSK							
5+20	1713.3	1725.0	P_1@0	S_0@0	23.08	24.45	< 30.00
	1745.8	1757.5			23.29	24.66	< 30.00
	1758.3	1770.0			23.25	24.62	< 30.00
	1713.3	1725.0	P_1@13	S_0@0	23.05	24.42	< 30.00
	1745.8	1757.5			23.36	24.73	< 30.00
	1758.3	1770.0			23.29	24.66	< 30.00
	1713.3	1725.0	P_1@24	S_0@0	22.97	24.34	< 30.00
	1745.8	1757.5			23.25	24.62	< 30.00
	1758.3	1770.0			23.18	24.55	< 30.00
	1713.3	1725.0	P_25@0	S_100@0	23.08	24.45	< 30.00
	1745.8	1757.5			23.25	24.62	< 30.00
	1758.3	1770.0			23.28	24.65	< 30.00
10+15	1715.3	1727.3	P_1@0	S_0@0	23.13	24.50	< 30.00
	1747.9	1759.9			23.25	24.62	< 30.00
	1760.5	1772.5			23.34	24.71	< 30.00
	1715.3	1727.3	P_1@25	S_0@0	23.08	24.45	< 30.00
	1747.9	1759.9			23.24	24.61	< 30.00
	1760.5	1772.5			23.39	24.76	< 30.00
	1715.3	1727.3	P_1@49	S_0@0	23.02	24.39	< 30.00
	1747.9	1759.9			23.16	24.53	< 30.00
	1760.5	1772.5			23.25	24.62	< 30.00
	1715.3	1727.3	P_50@0	S_75@0	22.09	23.46	< 30.00
	1747.9	1759.9			22.25	23.62	< 30.00
	1760.5	1772.5			22.30	23.67	< 30.00

Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)



Channel Bandwidth (MHz)	Frequency (MHz)		PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
	PCC	SCC					
QPSK							
15+10	1717.5	1729.5	P_1@0	S_0@0	23.10	24.47	< 30.00
	1750.1	1762.1			23.12	24.49	< 30.00
	1762.7	1774.7			23.20	24.57	< 30.00
	1717.5	1729.5	P_1@38	S_0@0	23.08	24.45	< 30.00
	1750.1	1762.1			23.22	24.59	< 30.00
	1762.7	1774.7			23.23	24.60	< 30.00
	1717.5	1729.5	P_1@74	S_0@0	23.02	24.39	< 30.00
	1750.1	1762.1			23.19	24.56	< 30.00
	1762.7	1774.7			23.11	24.48	< 30.00
	1717.5	1729.5	P_75@0	S_50@0	21.96	23.33	< 30.00
	1750.1	1762.1			22.10	23.47	< 30.00
	1762.7	1774.7			22.16	23.53	< 30.00
20+5	1720.0	1731.7	P_1@0	S_0@0	23.11	24.48	< 30.00
	1752.5	1764.2			23.30	24.67	< 30.00
	1765.0	1776.7			23.26	24.63	< 30.00
	1720.0	1731.7	P_1@49	S_0@0	23.05	24.42	< 30.00
	1752.5	1764.2			23.25	24.62	< 30.00
	1765.0	1776.7			23.27	24.64	< 30.00
	1720.0	1731.7	P_1@99	S_0@0	23.05	24.42	< 30.00
	1752.5	1764.2			23.19	24.56	< 30.00
	1765.0	1776.7			23.21	24.58	< 30.00
	1720.0	1731.7	P_100@	S_25@0	22.15	23.52	< 30.00
	1752.5	1764.2			22.38	23.75	< 30.00
	1765.0	1776.7			22.39	23.76	< 30.00

Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)		PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
	PCC	SCC					
QPSK							
10+20	1715.5	1729.9	P_1@0	S_0@0	23.30	24.67	< 30.00
	1745.6	1760.0			23.19	24.56	< 30.00
	1755.6	1770.0			23.21	24.58	< 30.00
	1715.5	1729.9	P_1@25	S_0@0	23.43	24.80	< 30.00
	1745.6	1760.0			23.22	24.59	< 30.00
	1755.6	1770.0			23.28	24.65	< 30.00
	1715.5	1729.9	P_1@49	S_0@0	23.43	24.80	< 30.00
	1745.6	1760.0			23.21	24.58	< 30.00
	1755.6	1770.0			23.22	24.59	< 30.00
	1715.5	1729.9	P_50@0	S_100@0	22.29	23.66	< 30.00
	1745.6	1760.0			22.34	23.71	< 30.00
	1755.6	1770.0			22.61	23.98	< 30.00
15+15	1717.5	1732.5	P_1@0	S_0@0	23.22	24.59	< 30.00
	1747.5	1762.5			23.07	24.44	< 30.00
	1757.5	1772.5			23.30	24.67	< 30.00
	1717.5	1732.5	P_1@38	S_0@0	23.34	24.71	< 30.00
	1747.5	1762.5			23.10	24.47	< 30.00
	1757.5	1772.5			23.58	24.95	< 30.00
	1717.5	1732.5	P_1@74	S_0@0	23.19	24.56	< 30.00
	1747.5	1762.5			22.98	24.35	< 30.00
	1757.5	1772.5			23.47	24.84	< 30.00
	1717.5	1732.5	P_75@0	S_75@0	21.84	23.21	< 30.00
	1747.5	1762.5			21.99	23.36	< 30.00
	1757.5	1772.5			22.03	23.40	< 30.00

Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)		PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
	PCC	SCC					
QPSK							
20+10	1720.0	1734.4	P_1@0	S_0@0	23.08	24.45	< 30.00
	1750.1	1764.5			23.14	24.51	< 30.00
	1760.1	1774.5			23.19	24.56	< 30.00
	1720.0	1734.4	P_1@49	S_0@0	22.99	24.36	< 30.00
	1750.1	1764.5			23.16	24.53	< 30.00
	1760.1	1774.5			23.21	24.58	< 30.00
	1720.0	1734.4	P_1@99	S_0@0	22.98	24.35	< 30.00
	1750.1	1764.5			23.06	24.43	< 30.00
	1760.1	1774.5			23.15	24.52	< 30.00
	1720.0	1734.4	P_100@0	S_50@0	21.98	23.35	< 30.00
	1750.1	1764.5			22.02	23.39	< 30.00
	1760.1	1774.5			23.08	24.45	< 30.00
15+20	1717.8	1734.9	P_1@0	S_0@0	23.19	24.56	< 30.00
	1745.3	1762.4			23.09	24.46	< 30.00
	1752.9	1770.0			23.19	24.56	< 30.00
	1717.8	1734.9	P_1@38	S_0@0	23.62	24.99	< 30.00
	1745.3	1762.4			23.12	24.49	< 30.00
	1752.9	1770.0			23.22	24.59	< 30.00
	1717.8	1734.9	P_1@74	S_0@0	23.43	24.80	< 30.00
	1745.3	1762.4			23.05	24.42	< 30.00
	1752.9	1770.0			23.15	24.52	< 30.00
	1717.8	1734.9	P_75@0	S_100@0	22.02	23.39	< 30.00
	1745.3	1762.4			22.24	23.61	< 30.00
	1752.9	1770.0			22.24	23.61	< 30.00

Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)		PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm)	Limit (dBm)
	PCC	SCC					
QPSK							
20+15	1720.0	1737.1	P_1@0	S_0@0	23.10	24.47	< 30.00
	1747.6	1764.7			23.10	24.47	< 30.00
	1755.1	1772.2			23.29	24.66	< 30.00
	1720.0	1737.1	P_1@49	S_0@0	23.14	24.51	< 30.00
	1747.6	1764.7			23.15	24.52	< 30.00
	1755.1	1772.2			23.41	24.78	< 30.00
	1720.0	1737.1	P_1@99	S_0@0	23.03	24.40	< 30.00
	1747.6	1764.7			23.18	24.55	< 30.00
	1755.1	1772.2			23.40	24.77	< 30.00
	1720.0	1737.1	P_100@0	S_75@0	21.93	23.30	< 30.00
	1747.6	1764.7			22.09	23.46	< 30.00
	1755.1	1772.2			22.08	23.45	< 30.00
20+20	1720.0	1739.8	P_1@0	S_0@0	23.02	24.39	< 30.00
	1745.1	1764.9			23.16	24.53	< 30.00
	1750.2	1770.0			23.10	24.47	< 30.00
	1720.0	1739.8	P_1@49	S_0@0	23.05	24.42	< 30.00
	1745.1	1764.9			23.21	24.58	< 30.00
	1750.2	1770.0			23.26	24.63	< 30.00
	1720.0	1739.8	P_1@99	S_0@0	23.03	24.40	< 30.00
	1745.1	1764.9			23.21	24.58	< 30.00
	1750.2	1770.0			23.25	24.62	< 30.00
	1720.0	1739.8	P_100@0	S_100@0	21.95	23.32	< 30.00
	1745.1	1764.9			22.09	23.46	< 30.00
	1750.2	1770.0			22.11	23.48	< 30.00

Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

**A.2 Radiated Spurious Emissions Test Result**

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-03 ~ 2023-06-15	Test Band	LTE Band 2, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
424.8	11.1	23.8	34.9	82.3	-47.4	Peak	Horizontal
896.2	3.2	31.1	34.3	82.3	-48.0	Peak	Horizontal
34.4	26.7	17.2	43.9	82.3	-38.4	Peak	Vertical
695.9	3.4	28.5	31.9	82.3	-50.4	Peak	Vertical
5182.0	41.1	3.3	44.4	82.3	-37.9	Peak	Horizontal
11557.0	30.7	17.8	48.5	82.3	-33.8	Peak	Horizontal
5182.0	44.3	3.3	47.6	82.3	-34.7	Peak	Vertical
13240.0	31.8	18.1	49.9	82.3	-32.4	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-03 ~ 2023-06-15	Test Band	LTE Band 5, 1RB, QPSK

Frequency (MHz)	Reading Level (dB $\mu$ V)	Factor (dB/m)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
Low Channel							
49.9	23.2	20.4	43.6	82.3	-38.7	Peak	Horizontal
954.9	24.7	31.6	56.3	82.3	-26.0	Peak	Horizontal
35.8	34.6	17.4	52.0	82.3	-30.3	Peak	Vertical
868.1	26.0	30.8	56.8	82.3	-25.5	Peak	Vertical
1646.0	48.9	-5.7	43.2	82.3	-39.1	Peak	Horizontal
2470.5	42.3	-2.7	39.6	82.3	-42.7	Peak	Horizontal
1646.0	53.4	-5.7	47.7	82.3	-34.6	Peak	Vertical
2470.5	44.7	-2.7	42.0	82.3	-40.3	Peak	Vertical

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-03 ~ 2023-06-15	Test Band	LTE Band 12, 1RB, QPSK

Frequency (MHz)	Reading Level (dB $\mu$ V)	Factor (dB/m)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
Low Channel							
48.9	23.6	20.4	44.0	82.3	-38.3	Peak	Horizontal
910.8	25.9	31.3	57.2	82.3	-25.1	Peak	Horizontal
35.8	32.8	17.4	50.2	82.3	-32.1	Peak	Vertical
877.3	26.4	30.8	57.2	82.3	-25.1	Peak	Vertical
2122.0	38.3	-3.0	35.3	82.3	-47.0	Peak	Horizontal
4825.0	36.1	3.3	39.4	82.3	-42.9	Peak	Horizontal
2096.5	39.0	-3.4	35.6	82.3	-46.7	Peak	Vertical
4825.0	37.0	3.3	40.3	82.3	-42.0	Peak	Vertical

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-03 ~ 2023-06-15	Test Band	LTE Band 14, 1RB, QPSK

Frequency (MHz)	Reading Level (dB $\mu$ V)	Factor (dB/m)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
Low Channel							
53.8	23.5	20.4	43.9	82.3	-38.4	Peak	Horizontal
919.0	26.3	31.2	57.5	82.3	-24.8	Peak	Horizontal
61.5	27.8	19.3	47.1	82.3	-35.2	Peak	Vertical
903.0	25.4	31.2	56.6	82.3	-25.7	Peak	Vertical
1578.0	49.1	-5.7	43.4	55.3	-11.9	Peak	Horizontal
2368.5	46.7	-2.3	44.4	82.3	-37.9	Peak	Horizontal
1578.0	52.3	-5.7	46.6	55.3	-8.7	Peak	Vertical
2368.5	47.4	-2.3	45.1	82.3	-37.2	Peak	Vertical

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).



Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-03 ~ 2023-06-15	Test Band	LTE Band 17, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
50.4	23.9	20.5	44.4	82.3	-37.9	Peak	Horizontal
883.1	24.4	30.9	55.3	82.3	-27.0	Peak	Horizontal
33.4	29.9	17.0	46.9	82.3	-35.4	Peak	Vertical
956.4	25.5	31.6	57.1	82.3	-25.2	Peak	Vertical
2011.5	41.0	-4.3	36.7	82.3	-45.6	Peak	Horizontal
4825.0	36.5	3.3	39.8	82.3	-42.5	Peak	Horizontal
1408.0	43.0	-5.2	37.8	82.3	-44.5	Peak	Vertical
2113.5	45.0	-3.1	41.9	82.3	-40.4	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-03 ~ 2023-06-15	Test Band	LTE Band 30, 1RB, QPSK

Frequency (MHz)	Reading Level (dB $\mu$ V)	Factor (dB/m)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
Low Channel							
324.9	12.5	21.6	34.1	55.3	-21.2	Peak	Horizontal
903.5	4.3	31.2	35.5	55.3	-19.8	Peak	Horizontal
33.9	23.5	17.1	40.6	55.3	-14.7	Peak	Vertical
911.7	3.7	31.3	35.0	55.3	-20.3	Peak	Vertical
5233.0	37.5	3.3	40.8	55.3	-14.5	Peak	Horizontal
9806.0	32.2	13.7	45.9	55.3	-9.4	Peak	Horizontal
5207.5	41.5	2.9	44.4	55.3	-10.9	Peak	Vertical
8021.0	32.8	12.0	44.8	55.3	-10.5	Peak	Vertical

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2023-06-03 ~ 2023-06-15	Test Band	LTE Band 66, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
33.9	15.0	17.1	32.1	82.3	-50.2	Peak	Horizontal
324.9	12.7	21.6	34.3	82.3	-48.0	Peak	Horizontal
33.9	26.1	17.1	43.2	82.3	-39.1	Peak	Vertical
896.2	3.3	31.1	34.4	82.3	-47.9	Peak	Vertical
6839.5	36.7	8.5	45.2	82.3	-37.1	Peak	Horizontal
14362.0	32.2	19.6	51.8	82.3	-30.5	Peak	Horizontal
7995.5	34.3	11.6	45.9	82.3	-36.4	Peak	Vertical
14940.0	31.4	20.3	51.7	82.3	-30.6	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Test Site	SIP-AC1	Test Engineer	Mero Zhou
Test Date	2023-06-03 ~ 2023-06-15	Test Band	LTE Inter Band CA_2A-66A, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
74.1	11.5	14.9	26.4	82.3	-55.9	Peak	Horizontal
960.2	-0.9	30.0	29.1	82.3	-53.2	Peak	Horizontal
74.1	17.9	14.9	32.8	82.3	-49.5	Peak	Vertical
696.4	0.2	26.8	27.0	82.3	-55.3	Peak	Vertical
8080.5	49.7	-3.1	46.6	82.3	-35.7	Peak	Horizontal
16929.0	45.8	5.7	51.5	82.3	-30.8	Peak	Horizontal
8293.0	49.4	-2.6	46.8	82.3	-35.5	Peak	Vertical
17243.5	47.4	5.1	52.5	82.3	-29.8	Peak	Vertical

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

## **Appendix B - Test Setup Photograph**

Refer to "2306RSU003-UT" file.

## Appendix C - EUT Photograph

Refer to "2306RSU003-UE" file.