

# RF MEASUREMENT REPORT

---

**FCC ID:** XMR2023RG520FNA  
**Applicant:** Quectel Wireless Solutions Co., Ltd  
**Product:** 5G Sub-6 GHz LGA Module  
**Model No.:** RG520F-NA  
**Brand Name:** Quectel  
**FCC Rule Part(s):** Part 2, 27  
**Result:** Complies  
**Received Date:** 2023-05-11  
**Test Date:** 2023-06-06 ~ 2023-06-15

**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
2205RSU024-U1	Rev. 01	Initial Report	2023-07-01	Valid

Note: RG520F-NA and RG520N-NA share the same chipset baseline, same software and hardware design, support same bands, the difference is on software enable or disable modem features like some ENDC/CA combs. 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, band edge, 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	Make Spot Check
Spurious Emission	Make Spot Check
Remark: This application reused the following bands test data of the original FCC ID: XMR2023RG520NNA LTE Band: Band 2, 4, 5, 7, 12, 13, 14, 17, 25, 26, 30, 38, 41, 48, 66, 71 NR Bands: n2, n5, n7, n12, n13, n14, n25, n26, n30, n38, n41, n48, n66, n71, n77, n78	

## CONTENTS

Description	Page
<b>1. General Information.....</b>	<b>5</b>
1.1. Applicant.....	5
1.2. Manufacturer.....	5
1.3. Testing Facility.....	5
1.4. Product Information.....	6
1.5. Radio Specification under Testing.....	6
1.6. Description of Available Antennas.....	7
1.7. Test Methodology.....	7
1.8. Device Capabilities.....	7
<b>2. Test Configuration.....</b>	<b>8</b>
2.1. Test System Connection Diagram.....	8
2.2. Test Environment Condition.....	8
<b>3. Measuring Instrument.....</b>	<b>9</b>
<b>4. Decision Rules and Measurement Uncertainty.....</b>	<b>10</b>
4.1. Decision Rules.....	10
4.2. Measurement Uncertainty.....	10
<b>5. Test Result.....</b>	<b>11</b>
5.1. Summary.....	11
5.2. Equivalent Isotropically Radiated Power Measurement.....	12
5.2.1. Test Limit.....	12
5.2.2. Test Procedure.....	12
5.2.3. Test Setting.....	12
5.2.4. Test Setup.....	12
5.2.5. Test Result.....	13
5.3. Band Edge Measurement.....	14
5.3.1. Test Limit.....	14
5.3.2. Test Procedure.....	14
5.3.3. Test Setting.....	15
5.3.4. Test Setup.....	15
5.3.5. Test Result.....	15
5.4. Radiated Spurious Emissions Measurement.....	16
5.4.1. Test Limit.....	16
5.4.2. Test Procedure.....	16
5.4.3. Test Setting.....	16

---

5.4.4.	Test Setup.....	17
5.4.5.	Test Result.....	17
<b>Appendix A - Test Result.....</b>		<b>18</b>
A.1	Equivalent Isotropically Radiated Power Test Result.....	18
A.2	Band Edge Test Result.....	45
A.3	Radiated Spurious Emissions Test Result.....	71
<b>Appendix B - Test Setup Photograph.....</b>		<b>74</b>
<b>Appendix C - EUT Photograph.....</b>		<b>75</b>

**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"/>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"><b>Test Site – MRT Suzhou Laboratory</b></td> </tr> <tr> <td colspan="2"><b>Laboratory Location (Suzhou - Wuzhong)</b> D8 Building, No.2 Tian’edang Rd., Wuzhong Economic Development Zone, Suzhou, China</td> </tr> <tr> <td colspan="2"><b>Laboratory Location (Suzhou - SIP)</b> 4b Building, Liando U Valley, No.200 Xingpu Rd., Shengpu Town, Suzhou Industrial Park, China</td> </tr> <tr> <td colspan="2"><b>Laboratory Accreditations</b></td> </tr> <tr> <td style="width: 50%;">A2LA: 3628.01</td> <td>CNAS: L10551</td> </tr> <tr> <td>FCC: CN1166</td> <td>ISED: CN0001</td> </tr> <tr> <td>VCCI:</td> <td> <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                 </td> </tr> </table>	<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
<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"/>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"><b>Test Site – MRT Shenzhen Laboratory</b></td> </tr> <tr> <td colspan="2"><b>Laboratory Location (Shenzhen)</b> 1G, Building A, Junxiangda Building, Zhongshanyuan Road West, Nanshan District, Shenzhen, China</td> </tr> <tr> <td colspan="2"><b>Laboratory Accreditations</b></td> </tr> <tr> <td style="width: 50%;">A2LA: 3628.02</td> <td>CNAS: L10551</td> </tr> <tr> <td>FCC: CN1284</td> <td>ISED: CN0105</td> </tr> </table>	<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				
<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"/>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"><b>Test Site – MRT Taiwan Laboratory</b></td> </tr> <tr> <td colspan="2"><b>Laboratory Location (Taiwan)</b> No. 38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)</td> </tr> <tr> <td colspan="2"><b>Laboratory Accreditations</b></td> </tr> <tr> <td style="width: 50%;">TAF: L3261-190725</td> <td></td> </tr> <tr> <td>FCC: 291082, TW3261</td> <td>ISED: TW3261</td> </tr> </table>	<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				
<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.	RG520F-NA
Brand Name	Quectel
IMEI	Conducted Measurement 1: 864766050012138 Conducted Measurement 2: 864766050012534 Radiated Measurement 1: 864766050012070 Radiated Measurement 2: 864766050012716
E-UTRA Single Band	Band 2, 4, 5, 7, 12, 13, 14, 17, 25, 26, 30, 38, 41, 42, 43, 48, 66, 71
5G NR SA Band	n2, n5, n7, n12, n13, n14, n25, n26, n30, n38, n41, n48, n66, n71, n77, n78
5G NR NSA Band	n2, n5, n7, n12, n13, n14, n25, n26, n30, n38, n41, n48, n66, n71, n77, n78
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

5G NR Specification	
TDD Frequency Range	n41: 2496 ~ 2690 MHz; n77: 3450 ~ 3550, 3700 ~ 3980MHz n78: 3450 ~ 3550, 3700 ~ 3800MHz
Support Bandwidth	n41: 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100MHz n77, n78: 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100MHz
SCS for NR cell	FDD Band: 15kHz; TDD Band: 30kHz
Modulation	UL & DL up to 256QAM
Power Class	1.5

### 1.6. Description of Available Antennas

Technology	Frequency Range (MHz)	Antenna Type	Max Peak Gain (dBi)
n41	2496 ~ 2690	Dipole	2.07
n77	3450 ~ 3550		0.58
	3700 ~ 3980		
n78	3450 ~ 3550		0.58
	3700 ~ 3800		

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 27
- FCC KDB 971168 D01 v03r01: Power Meas License Digital Systems
- FCC KDB 971168 D02 v02r01: Misc Rev Approv License Devices
- FCC KDB 412172 D01 v01r01: Determining ERP and EIRP
- FCC KDB 662911 D01 v02r01: Multiple Transmitter Output

### 1.8. Device Capabilities

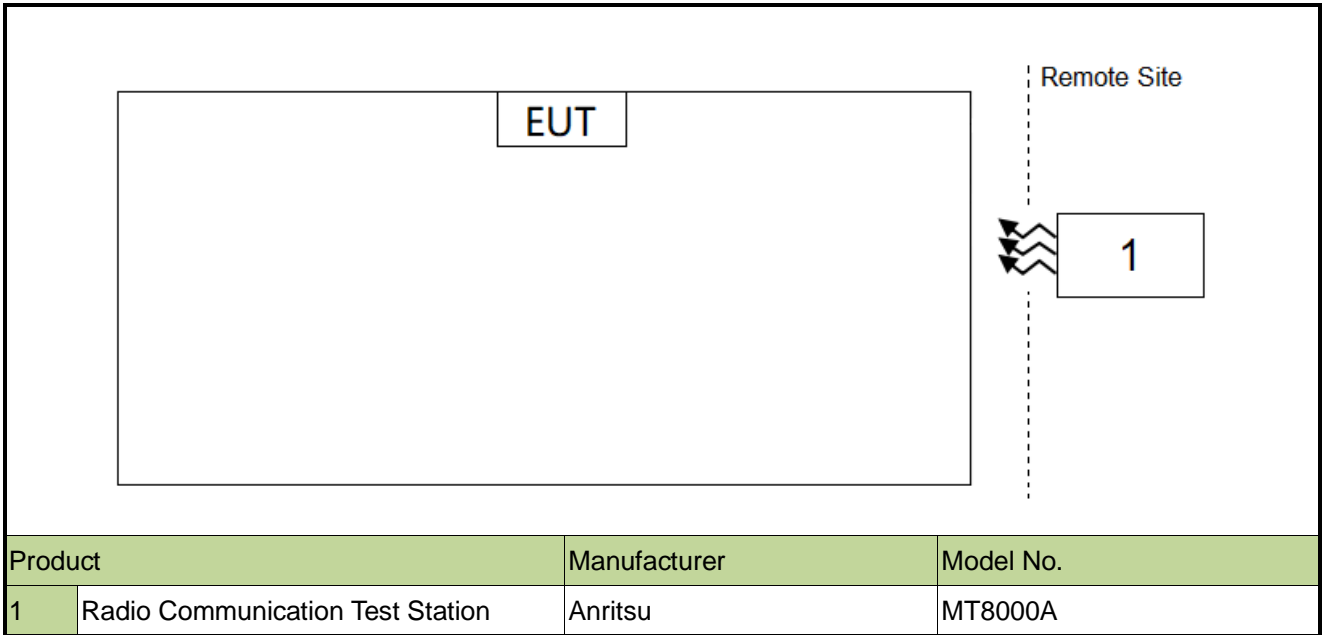
PI/2 BPSK modulation applied for 5G NR band frequencies and has the same tune up power as QPSK modulations.

The DFT-s-OFDM and CP-OFDM waveforms were investigated, and DFT-s-OFDM was found to be the worst case.

The worst-case scenario for all measurements is based on an engineering evaluation and QPSK was observed as the worst one and set for all conducted and radiated. Output power measurements were measured on DFT-s-OFDM PI/2 BPSK modulations.

## 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
Thermohygrometer	testo	608-H1	MRTSUE06362	1 year	2024-02-14	WZ-SR6
Shielding Room	HUAMING	WZ-SR6	MRTSUE06443	N/A	N/A	WZ-SR6
Signal Analyzer	Keysight	N9020B	MRTSUE06583	1 year	2023-10-08	WZ-SR6
Signal Generator	Keysight	N5173B	MRTSUE06606	1 year	2023-11-25	WZ-SR6
5G Wireless Test Platform	Keysight	E7515B	MRTSUE06942	1 year	2024-02-29	WZ-SR6
Radio Communication Analyzer	Anritsu	MT8821C	MRTSUE06960	1 year	2023-07-08	WZ-SR6
Radio Communication Test Station	Anritsu	MT8000A	MRTSUE06961	1 year	2023-06-30	WZ-SR6
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
Thermohygrometer	testo	608-H1	MRTSUE11038	1 year	2023-11-01	WZ-AC2
Temperature Chamber	BAOYT	BYH-150CL	MRTSUE06051	1 year	2023-10-08	WZ-TR3
Vibration Test System	DongLing	ES-1-150	MRTSUE06206	1 year	2023-07-07	WZ-TR3
Thermohygrometer	testo	608-H1	MRTSUE06401	1 year	2024-05-31	WZ-TR3

Software	Version	Function
EMI Software	V3.0.0	EMI Test Software
Controller_MF 7802	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  $k = 2$ .

<b>Radiated Spurious Emissions</b>
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
<b>Conducted Spurious Emissions</b>
Measuring Uncertainty for a Level of Confidence of 95% ( $U=2Uc(y)$ ): 0.78dB
<b>Output Power</b>
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
27.50(h)(2), (j)(3), (k)(3)	Equivalent Isotropic Radiated Power	Conducted	Pass
2.1051, 27.53(m), (n), (l)(2)	Band Edge		
2.1051, 27.53(m), (n), (l)(2)	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) The worst-case emission of modulation was selected. Therefore, the Channel Band Edge, Radiated Spurious Emission were presented worst-case in the test report.
- 3) 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.
- 4) n77 (3300 ~ 4200 MHz) overlaps the entire frequency range of n78 (3300 ~ 3800 MHz). Therefore, test data provided in this report covers n78 as well as n77.

## 5.2. Equivalent Isotropically Radiated Power Measurement

### 5.2.1. Test Limit

The EIRP of mobile transmitters must not exceed 2 watts for n41.

The EIRP of mobile transmitters must not exceed 1 watt for n77 & n78.

### 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:

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

where

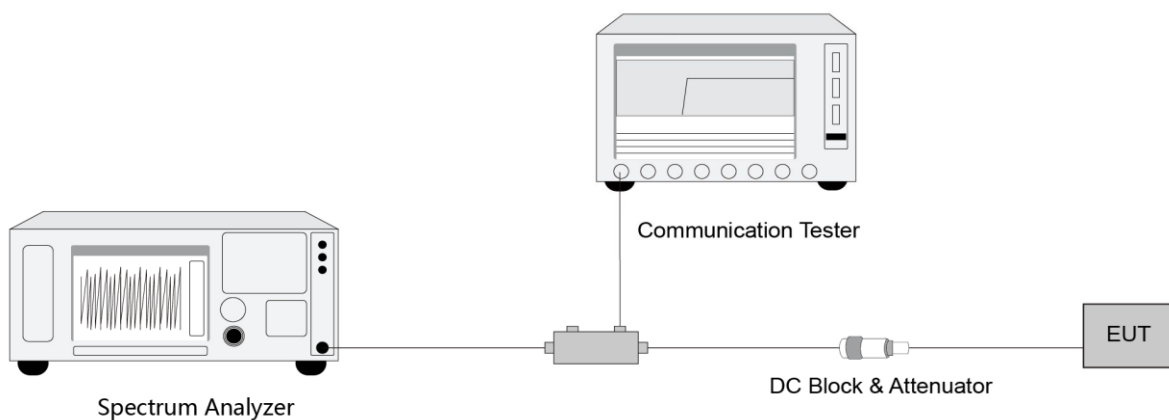
ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively (expressed in the same units as  $P_{\text{Meas}}$ , e.g., dBm or dBW)

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

$G_T$  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. Band Edge Measurement

#### 5.3.1. Test Limit

##### 27.53 (n) (l)(2)

The FCC limit is  $43 + 10\log_{10}(P_{\text{Watts}})$  dB below the transmitter power P(Watts) in a 1 MHz bandwidth.

However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

##### 27.53(m)(4)

For mobile digital stations, the attenuation factor shall be not less than  $40 + 10 \log (P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log (P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log (P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than  $43 + 10 \log (P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log (P)$  dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

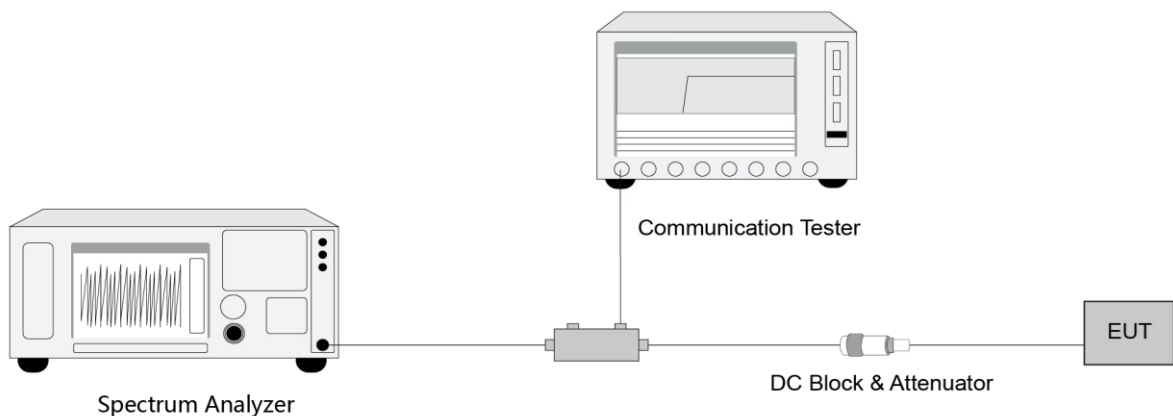
#### 5.3.2. Test Procedure

ANSI C63.26-2015 - Section 5.7

### 5.3.3. Test Setting

1. Set the analyzer frequency to low or high channel
2.  $RBW \geq$  The nominal RBW shall be in the range of 1% of the anticipated OBW (in the 1MHz band immediately outside and adjacent to the band edge). For improvement of the accuracy in the measurement of the average power of a noise-like emission, a RBW narrower than the specified reference bandwidth can be used (generally limited to no less than 1% of the OBW), provided that a subsequent integration is performed over the full required measurement bandwidth. This integration should be performed using the spectrum analyzer's band power functions.
3.  $VBW \geq 3*RBW$
4. Sweep time = auto
5. Detector = power averaging (rms)
6. Set sweep trigger to "free run."
7. User gate triggered such that the analyzer only sweeps when the device is transmitting at full power
8. Trace average at least 100 traces in power averaging (rms) mode if sweep is set to auto-couple. To accurately determine the average power over the on and off time of the transmitter, it can be necessary to increase the number of traces to be averaged above 100, or if using a manually configured sweep time, increase the sweep time.

### 5.3.4. Test Setup



### 5.3.5. Test Result

Refer to Appendix A.2.

## **5.4. Radiated Spurious Emissions Measurement**

### **5.4.1. Test Limit**

Out of band emissions: 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 mobile digital stations, the attenuation factor shall be not less than  $40 + 10 \log(P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log(P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log(P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth.

$E$  (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 70.3dB $\mu$ V/m.

### **5.4.2. Test Procedure**

ANSI C63.26-2015 - Section 5.2.7 & 5.5

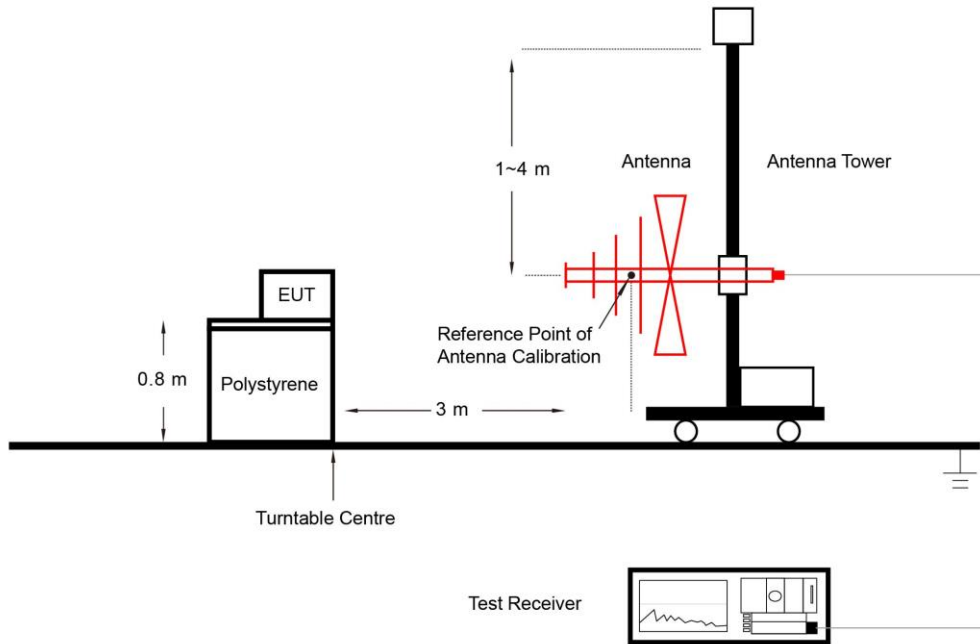
### **5.4.3. Test Setting**

1. RBW = 1MHz
2. VBW  $\geq$  3\*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

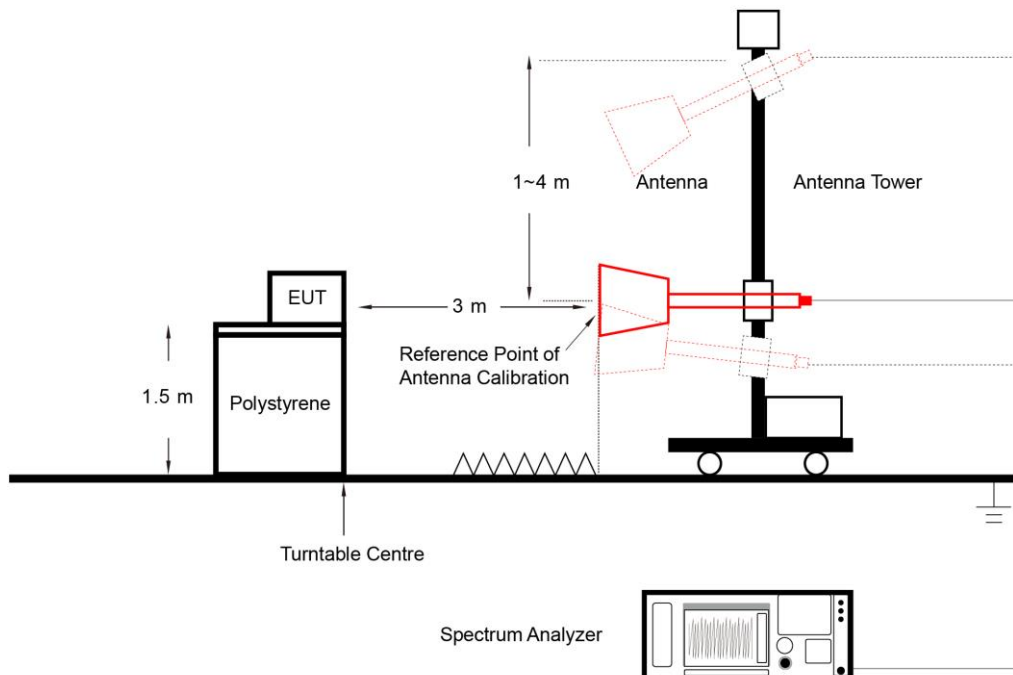


### 5.4.4. Test Setup

#### Below 1GHz Test Setup:



#### Above 1GHz Test Setup:



### 5.4.5. Test Result

Refer to Appendix A.3.

## Appendix A - Test Result

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

Test Site	WZ-SR6	Test Engineer	Lucas Wang
Test Date	2023/06/06 ~ 2023/06/13	Test Band	n41_UL MIMO

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 3	Port 0			
DFT-s-OFDM PI/2 BPSK								
10	2501.01	12	6	26.67	25.94	29.33	31.40	< 33.01
		1	1	26.63	25.88	29.28	31.35	< 33.01
		1	22	26.65	26.01	29.35	31.42	< 33.01
		24	0	25.13	24.50	27.84	29.91	< 33.01
		1	0	20.54	19.79	23.19	25.26	< 33.01
		1	23	20.60	19.82	23.24	25.31	< 33.01
10	2592.99	12	6	26.79	25.98	29.41	31.48	< 33.01
		1	1	26.74	26.04	29.41	31.48	< 33.01
		1	22	26.72	26.09	29.43	31.50	< 33.01
		24	0	25.27	24.50	27.91	29.98	< 33.01
		1	0	20.83	19.97	23.43	25.50	< 33.01
		1	23	20.74	20.01	23.40	25.47	< 33.01
10	2685.00	12	6	26.73	26.14	29.46	31.53	< 33.01
		1	1	26.75	26.05	29.42	31.49	< 33.01
		1	22	26.82	26.18	29.52	31.59	< 33.01
		24	0	25.25	24.74	28.01	30.08	< 33.01
		1	0	20.81	20.14	23.50	25.57	< 33.01
		1	23	20.75	20.25	23.52	25.59	< 33.01
15	2503.50	18	9	26.77	25.98	29.40	31.47	< 33.01
		1	1	26.75	25.93	29.37	31.44	< 33.01
		1	36	26.75	26.06	29.43	31.50	< 33.01
		36	0	25.24	24.44	27.87	29.94	< 33.01
		1	0	20.70	19.98	23.37	25.44	< 33.01
		1	37	20.74	19.95	23.37	25.44	< 33.01

Note 1: Total Power (dBm) =  $10 \cdot \log\{10^{\text{Port 0 Output Power} / 10} + 10^{\text{Port 1 Output Power} / 10}\}$

Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 3	Port 0			
DFT-s-OFDM PI/2 BPSK								
15	2592.99	18	9	26.97	26.11	29.57	31.64	< 33.01
		1	1	26.92	26.17	29.57	31.64	< 33.01
		1	36	26.93	26.16	29.57	31.64	< 33.01
		36	0	25.48	24.61	28.08	30.15	< 33.01
		1	0	20.95	20.08	23.55	25.62	< 33.01
		1	37	20.90	20.23	23.59	25.66	< 33.01
15	2682.48	18	9	26.89	26.19	29.56	31.63	< 33.01
		1	1	26.76	26.12	29.46	31.53	< 33.01
		1	36	26.82	26.24	29.55	31.62	< 33.01
		36	0	25.35	24.73	28.06	30.13	< 33.01
		1	0	20.93	20.15	23.57	25.64	< 33.01
		1	37	20.85	20.36	23.62	25.69	< 33.01
20	2506.02	25	12	26.80	25.99	29.42	31.49	< 33.01
		1	1	26.64	25.88	29.29	31.36	< 33.01
		1	49	26.69	26.06	29.40	31.47	< 33.01
		50	0	25.18	24.48	27.85	29.92	< 33.01
		1	0	20.66	19.93	23.32	25.39	< 33.01
		1	50	20.73	20.08	23.43	25.50	< 33.01
20	2592.99	25	12	26.97	26.09	29.56	31.63	< 33.01
		1	1	26.84	26.05	29.47	31.54	< 33.01
		1	49	26.99	26.24	29.64	31.71	< 33.01
		50	0	25.50	24.66	28.11	30.18	< 33.01
		1	0	21.01	20.09	23.58	25.65	< 33.01
		1	50	20.89	20.09	23.52	25.59	< 33.01

Note 1: Total Power (dBm) =  $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$

Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 3	Port 0			
DFT-s-OFDM PI/2 BPSK								
20	2679.99	25	12	26.88	26.19	29.56	31.63	< 33.01
		1	1	26.83	26.07	29.48	31.55	< 33.01
		1	49	26.91	26.25	29.60	31.67	< 33.01
		50	0	25.39	24.67	28.06	30.13	< 33.01
		1	0	21.00	20.11	23.59	25.66	< 33.01
		1	50	20.91	20.33	23.64	25.71	< 33.01
30	2511.00	36	18	26.81	26.00	29.43	31.50	< 33.01
		1	1	26.64	25.92	29.31	31.38	< 33.01
		1	76	26.77	26.13	29.47	31.54	< 33.01
		75	0	25.16	24.65	27.92	29.99	< 33.01
		1	0	20.67	19.99	23.35	25.42	< 33.01
		1	77	20.80	20.12	23.48	25.55	< 33.01
30	2592.99	36	18	26.88	26.12	29.53	31.60	< 33.01
		1	1	26.85	26.01	29.46	31.53	< 33.01
		1	76	27.06	26.42	29.76	31.83	< 33.01
		75	0	25.43	24.75	28.11	30.18	< 33.01
		1	0	21.02	20.08	23.59	25.66	< 33.01
		1	77	20.99	20.29	23.66	25.73	< 33.01
30	2674.98	36	18	26.84	26.13	29.51	31.58	< 33.01
		1	1	26.81	26.00	29.43	31.50	< 33.01
		1	76	26.96	26.33	29.67	31.74	< 33.01
		75	0	25.39	24.72	28.08	30.15	< 33.01
		1	0	20.96	19.92	23.48	25.55	< 33.01
		1	77	20.97	20.32	23.67	25.74	< 33.01

Note 1: Total Power (dBm) =  $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$

Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 3	Port 0			
DFT-s-OFDM PI/2 BPSK								
40	2516.01	50	25	26.81	26.18	29.52	31.59	< 33.01
		1	1	26.78	25.98	29.41	31.48	< 33.01
		1	104	26.67	26.19	29.45	31.52	< 33.01
		100	0	25.12	24.73	27.94	30.01	< 33.01
		1	0	20.72	19.93	23.35	25.42	< 33.01
		1	105	20.71	20.32	23.53	25.60	< 33.01
40	2592.99	50	25	26.95	26.10	29.56	31.63	< 33.01
		1	1	26.95	26.03	29.52	31.59	< 33.01
		1	104	27.10	26.39	29.77	31.84	< 33.01
		100	0	25.43	24.70	28.09	30.16	< 33.01
		1	0	21.05	20.08	23.60	25.67	< 33.01
		1	105	21.09	20.66	23.89	25.96	< 33.01
40	2670.00	50	25	26.93	26.14	29.56	31.63	< 33.01
		1	1	26.97	26.08	29.56	31.63	< 33.01
		1	104	27.03	26.46	29.76	31.83	< 33.01
		100	0	25.44	24.73	28.11	30.18	< 33.01
		1	0	21.03	20.12	23.61	25.68	< 33.01
		1	105	20.92	20.32	23.64	25.71	< 33.01
50	2521.02	64	32	26.86	26.03	29.48	31.55	< 33.01
		1	1	26.69	25.80	29.28	31.35	< 33.01
		1	131	26.51	26.19	29.36	31.43	< 33.01
		128	0	25.17	24.60	27.90	29.97	< 33.01
		1	0	20.69	19.87	23.31	25.38	< 33.01
		1	132	20.48	20.34	23.42	25.49	< 33.01

Note 1: Total Power (dBm) =  $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$

Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 3	Port 0			
DFT-s-OFDM PI/2 BPSK								
50	2592.99	64	32	26.95	26.32	29.66	31.73	< 33.01
		1	1	26.84	25.96	29.43	31.50	< 33.01
		1	131	26.98	26.52	29.77	31.84	< 33.01
		128	0	25.41	24.77	28.11	30.18	< 33.01
		1	0	21.00	19.80	23.45	25.52	< 33.01
		1	132	21.11	20.43	23.79	25.86	< 33.01
50	2664.99	64	32	26.84	26.10	29.50	31.57	< 33.01
		1	1	26.71	25.93	29.35	31.42	< 33.01
		1	131	26.78	26.41	29.61	31.68	< 33.01
		128	0	25.36	24.65	28.03	30.10	< 33.01
		1	0	20.94	19.89	23.46	25.53	< 33.01
		1	132	20.86	20.50	23.69	25.76	< 33.01
60	2526.00	81	40	26.69	26.03	29.38	31.45	< 33.01
		1	1	26.66	25.77	29.25	31.32	< 33.01
		1	160	26.60	26.22	29.42	31.49	< 33.01
		162	0	25.14	24.64	27.91	29.98	< 33.01
		1	0	20.73	19.67	23.24	25.31	< 33.01
		1	161	20.55	20.14	23.36	25.43	< 33.01
60	2592.99	81	40	26.91	26.10	29.53	31.60	< 33.01
		1	1	26.84	25.97	29.44	31.51	< 33.01
		1	160	26.90	26.31	29.63	31.70	< 33.01
		162	0	25.41	24.58	28.03	30.10	< 33.01
		1	0	20.99	19.71	23.41	25.48	< 33.01
		1	161	21.02	20.32	23.69	25.76	< 33.01

Note 1: Total Power (dBm) =  $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$

Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 3	Port 0			
DFT-s-OFDM PI/2 BPSK								
60	2659.98	81	40	26.92	26.22	29.59	31.66	< 33.01
		1	1	26.68	25.96	29.35	31.42	< 33.01
		1	160	26.85	26.29	29.59	31.66	< 33.01
		162	0	25.34	24.72	28.05	30.12	< 33.01
		1	0	20.91	19.79	23.40	25.47	< 33.01
		1	161	20.83	20.26	23.56	25.63	< 33.01
70	2531.01	90	45	26.50	25.93	29.23	31.30	< 33.01
		1	1	26.53	25.81	29.20	31.27	< 33.01
		1	187	26.44	26.12	29.29	31.36	< 33.01
		180	0	25.04	24.57	27.82	29.89	< 33.01
		1	0	20.66	19.63	23.19	25.26	< 33.01
		1	188	20.46	20.12	23.30	25.37	< 33.01
70	2592.99	90	45	26.73	26.03	29.40	31.47	< 33.01
		1	1	26.65	25.82	29.27	31.34	< 33.01
		1	187	26.75	26.19	29.49	31.56	< 33.01
		180	0	25.24	24.59	27.94	30.01	< 33.01
		1	0	20.80	19.80	23.34	25.41	< 33.01
		1	188	20.93	20.39	23.68	25.75	< 33.01
70	2655.00	90	45	26.83	26.10	29.49	31.56	< 33.01
		1	1	26.55	25.87	29.23	31.30	< 33.01
		1	187	26.83	26.26	29.56	31.63	< 33.01
		180	0	25.33	24.64	28.01	30.08	< 33.01
		1	0	20.76	19.73	23.29	25.36	< 33.01
		1	188	20.84	20.35	23.61	25.68	< 33.01

Note 1: Total Power (dBm) =  $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$

Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 3	Port 0			
DFT-s-OFDM PI/2 BPSK								
80	2536.02	108	54	26.54	26.17	29.37	31.44	< 33.01
		1	1	26.55	25.64	29.13	31.20	< 33.01
		1	215	26.46	26.25	29.37	31.44	< 33.01
		216	0	25.05	24.70	27.89	29.96	< 33.01
		1	0	20.61	19.65	23.17	25.24	< 33.01
		1	216	20.51	20.11	23.32	25.39	< 33.01
80	2592.99	108	54	26.70	26.14	29.44	31.51	< 33.01
		1	1	26.62	25.71	29.20	31.27	< 33.01
		1	215	26.93	26.26	29.62	31.69	< 33.01
		216	0	25.22	24.62	27.94	30.01	< 33.01
		1	0	20.77	19.64	23.25	25.32	< 33.01
		1	216	20.98	20.24	23.64	25.71	< 33.01
80	2649.99	108	54	26.81	26.28	29.56	31.63	< 33.01
		1	1	26.32	25.72	29.04	31.11	< 33.01
		1	215	26.81	26.20	29.53	31.60	< 33.01
		216	0	25.19	24.57	27.90	29.97	< 33.01
		1	0	20.67	19.58	23.17	25.24	< 33.01
		1	216	20.76	20.23	23.51	25.58	< 33.01
90	2541.00	120	60	26.58	26.00	29.31	31.38	< 33.01
		1	1	26.56	25.70	29.16	31.23	< 33.01
		1	243	26.51	26.36	29.45	31.52	< 33.01
		243	0	25.03	24.54	27.80	29.87	< 33.01
		1	0	20.71	19.59	23.20	25.27	< 33.01
		1	244	20.53	20.17	23.36	25.43	< 33.01

Note 1: Total Power (dBm) =  $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$

Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)



Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 3	Port 0			
DFT-s-OFDM PI/2 BPSK								
90	2592.99	120	60	26.70	26.04	29.39	31.46	< 33.01
		1	1	26.58	25.65	29.15	31.22	< 33.01
		1	243	26.98	26.34	29.68	31.75	< 33.01
		243	0	25.20	24.71	27.97	30.04	< 33.01
		1	0	20.78	19.48	23.19	25.26	< 33.01
		1	244	20.97	20.27	23.64	25.71	< 33.01
90	2644.98	120	60	26.84	26.08	29.49	31.56	< 33.01
		1	1	26.40	25.75	29.10	31.17	< 33.01
		1	243	26.91	26.28	29.62	31.69	< 33.01
		243	0	25.13	24.53	27.85	29.92	< 33.01
		1	0	20.56	19.37	23.02	25.09	< 33.01
		1	244	20.89	20.30	23.62	25.69	< 33.01
100	2546.01	135	67	26.53	26.16	29.36	31.43	< 33.01
		1	1	26.55	25.82	29.21	31.28	< 33.01
		1	271	26.47	26.47	29.48	31.55	< 33.01
		270	0	25.17	24.65	27.93	30.00	< 33.01
		1	0	20.67	19.36	23.07	25.14	< 33.01
		1	272	20.47	20.36	23.43	25.50	< 33.01
100	2592.99	135	67	26.77	26.17	29.49	31.56	< 33.01
		1	1	26.69	25.64	29.21	31.28	< 33.01
		1	271	26.99	26.39	29.71	31.78	< 33.01
		270	0	25.23	24.61	27.94	30.01	< 33.01
		1	0	20.77	19.45	23.17	25.24	< 33.01
		1	272	21.00	20.48	23.76	25.83	< 33.01

Note 1: Total Power (dBm) =  $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$

Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 3	Port 0			
DFT-s-OFDM PI/2 BPSK								
100	2640.00	135	67	26.78	26.11	29.47	31.54	< 33.01
		1	1	26.44	25.57	29.04	31.11	< 33.01
		1	271	26.93	26.37	29.67	31.74	< 33.01
		270	0	25.21	24.59	27.92	29.99	< 33.01
		1	0	20.75	19.42	23.15	25.22	< 33.01
		1	272	20.87	20.40	23.65	25.72	< 33.01
Note 1: Total Power (dBm) = $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$ Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)								

Test Site	WZ-SR6	Test Engineer	Lucas Wang
Test Date	2023/06/06 ~ 2023/06/13	Test Band	n77/n78_UL MIMO (3450 ~ 3550MHz)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 0	Port 3			
DFT-s-OFDM PI/2 BPSK								
10	3455.01	12	6	26.02	25.16	28.62	29.20	< 30.00
		1	1	26.03	25.02	28.56	29.14	< 30.00
		1	22	26.03	25.14	28.62	29.20	< 30.00
		24	0	24.52	23.63	27.11	27.69	< 30.00
		1	0	20.12	19.00	22.61	23.19	< 30.00
		1	23	20.13	19.22	22.71	23.29	< 30.00
10	3500.01	12	6	26.04	25.26	28.68	29.26	< 30.00
		1	1	25.88	25.29	28.61	29.19	< 30.00
		1	22	25.92	25.32	28.64	29.22	< 30.00
		24	0	24.53	23.81	27.20	27.78	< 30.00
		1	0	20.17	19.32	22.78	23.36	< 30.00
		1	23	20.10	19.09	22.63	23.21	< 30.00
10	3544.98	12	6	25.94	25.14	28.57	29.15	< 30.00
		1	1	26.08	25.07	28.61	29.19	< 30.00
		1	22	26.08	25.21	28.68	29.26	< 30.00
		24	0	24.52	23.62	27.10	27.68	< 30.00
		1	0	20.04	19.33	22.71	23.29	< 30.00
		1	23	19.84	19.21	22.55	23.13	< 30.00
15	3457.50	18	9	26.12	25.11	28.65	29.23	< 30.00
		1	1	26.04	25.29	28.69	29.27	< 30.00
		1	36	26.08	25.24	28.69	29.27	< 30.00
		36	0	24.54	23.71	27.16	27.74	< 30.00
		1	0	20.19	19.15	22.71	23.29	< 30.00
		1	37	20.17	19.09	22.67	23.25	< 30.00
Note 1: Total Power (dBm) = $10 \cdot \log\{10^{\text{Port 0 Output Power} / 10} + 10^{\text{Port 1 Output Power} / 10}\}$ Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)								

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 0	Port 3			
DFT-s-OFDM PI/2 BPSK								
15	3500.01	18	9	26.10	25.31	28.73	29.31	< 30.00
		1	1	26.03	25.30	28.69	29.27	< 30.00
		1	36	26.00	25.27	28.66	29.24	< 30.00
		36	0	24.57	23.77	27.20	27.78	< 30.00
		1	0	20.08	19.30	22.72	23.30	< 30.00
		1	37	20.04	19.26	22.68	23.26	< 30.00
15	3542.49	18	9	26.05	25.16	28.64	29.22	< 30.00
		1	1	26.01	25.12	28.60	29.18	< 30.00
		1	36	26.00	25.10	28.58	29.16	< 30.00
		36	0	24.54	23.70	27.15	27.73	< 30.00
		1	0	20.15	19.22	22.72	23.30	< 30.00
		1	37	20.00	19.19	22.62	23.20	< 30.00
20	3460.02	25	12	26.16	25.16	28.70	29.28	< 30.00
		1	1	26.15	25.17	28.70	29.28	< 30.00
		1	49	26.07	25.15	28.64	29.22	< 30.00
		50	0	24.65	23.65	27.19	27.77	< 30.00
		1	0	20.19	19.20	22.73	23.31	< 30.00
		1	50	20.09	19.17	22.66	23.24	< 30.00
20	3500.01	25	12	26.08	25.21	28.68	29.26	< 30.00
		1	1	26.05	25.20	28.66	29.24	< 30.00
		1	49	26.06	25.20	28.66	29.24	< 30.00
		50	0	24.62	23.71	27.20	27.78	< 30.00
		1	0	20.15	19.23	22.72	23.30	< 30.00
		1	50	20.12	19.27	22.73	23.31	< 30.00

Note 1: Total Power (dBm) =  $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$

Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 0	Port 3			
DFT-s-OFDM PI/2 BPSK								
20	3540.00	25	12	26.01	25.06	28.57	29.15	< 30.00
		1	1	26.13	24.98	28.60	29.18	< 30.00
		1	49	25.97	25.25	28.64	29.22	< 30.00
		50	0	24.56	23.60	27.12	27.70	< 30.00
		1	0	19.94	19.14	22.57	23.15	< 30.00
		1	50	20.08	19.26	22.70	23.28	< 30.00
25	3462.51	32	16	25.99	25.08	28.57	29.15	< 30.00
		1	1	25.96	25.45	28.72	29.30	< 30.00
		1	63	26.04	25.27	28.68	29.26	< 30.00
		64	0	24.53	23.68	27.14	27.72	< 30.00
		1	0	20.17	19.15	22.70	23.28	< 30.00
		1	64	20.01	19.08	22.58	23.16	< 30.00
25	3500.01	32	16	26.03	25.24	28.66	29.24	< 30.00
		1	1	25.96	25.10	28.56	29.14	< 30.00
		1	63	25.91	25.13	28.55	29.13	< 30.00
		64	0	24.50	23.69	27.12	27.70	< 30.00
		1	0	19.91	19.20	22.58	23.16	< 30.00
		1	64	19.87	19.39	22.65	23.23	< 30.00
25	3537.48	32	16	25.98	25.06	28.55	29.13	< 30.00
		1	1	26.16	25.39	28.80	29.38	< 30.00
		1	63	25.78	24.98	28.41	28.99	< 30.00
		64	0	24.54	23.65	27.13	27.71	< 30.00
		1	0	19.90	19.08	22.52	23.10	< 30.00
		1	64	19.69	19.13	22.43	23.01	< 30.00

Note 1: Total Power (dBm) =  $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$

Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 0	Port 3			
DFT-s-OFDM PI/2 BPSK								
30	3465.00	36	18	26.03	25.22	28.65	29.23	< 30.00
		1	1	26.12	25.19	28.69	29.27	< 30.00
		1	76	26.00	25.29	28.67	29.25	< 30.00
		75	0	24.69	23.76	27.26	27.84	< 30.00
		1	0	20.08	19.54	22.83	23.41	< 30.00
		1	77	20.05	19.24	22.67	23.25	< 30.00
30	3500.01	36	18	26.07	25.30	28.71	29.29	< 30.00
		1	1	26.28	25.23	28.80	29.38	< 30.00
		1	76	26.14	25.35	28.77	29.35	< 30.00
		75	0	24.64	23.84	27.27	27.85	< 30.00
		1	0	20.16	19.53	22.87	23.45	< 30.00
		1	77	20.10	19.56	22.85	23.43	< 30.00
30	3534.99	36	18	26.08	25.21	28.68	29.26	< 30.00
		1	1	26.21	25.53	28.89	29.47	< 30.00
		1	76	25.80	25.26	28.55	29.13	< 30.00
		75	0	24.66	23.80	27.26	27.84	< 30.00
		1	0	20.05	19.53	22.81	23.39	< 30.00
		1	77	20.06	19.12	22.63	23.21	< 30.00
40	3470.01	50	25	26.17	25.39	28.81	29.39	< 30.00
		1	1	26.25	25.61	28.95	29.53	< 30.00
		1	104	26.04	25.57	28.82	29.40	< 30.00
		100	0	24.59	23.81	27.23	27.81	< 30.00
		1	0	20.40	19.22	22.86	23.44	< 30.00
		1	105	19.83	19.32	22.59	23.17	< 30.00

Note 1: Total Power (dBm) =  $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$

Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 0	Port 3			
DFT-s-OFDM PI/2 BPSK								
40	3500.01	50	25	26.10	25.31	28.73	29.31	< 30.00
		1	1	26.08	25.49	28.81	29.39	< 30.00
		1	104	26.03	25.40	28.74	29.32	< 30.00
		100	0	24.67	23.87	27.30	27.88	< 30.00
		1	0	20.27	19.65	22.98	23.56	< 30.00
		1	105	20.21	19.23	22.76	23.34	< 30.00
40	3529.98	50	25	26.10	25.37	28.76	29.34	< 30.00
		1	1	26.35	25.43	28.92	29.50	< 30.00
		1	104	26.18	25.21	28.73	29.31	< 30.00
		100	0	24.62	23.82	27.25	27.83	< 30.00
		1	0	20.20	19.36	22.81	23.39	< 30.00
		1	105	20.03	19.42	22.75	23.33	< 30.00
50	3475.02	64	32	25.88	24.99	28.47	29.05	< 30.00
		1	1	26.03	25.05	28.58	29.16	< 30.00
		1	131	25.75	24.69	28.26	28.84	< 30.00
		128	0	24.36	23.63	27.02	27.60	< 30.00
		1	0	19.89	19.48	22.70	23.28	< 30.00
		1	132	19.97	18.86	22.46	23.04	< 30.00
50	3500.01	64	32	25.92	25.13	28.55	29.13	< 30.00
		1	1	25.95	25.30	28.65	29.23	< 30.00
		1	131	25.82	24.70	28.31	28.89	< 30.00
		128	0	24.44	23.53	27.02	27.60	< 30.00
		1	0	20.03	19.13	22.61	23.19	< 30.00
		1	132	19.75	18.90	22.36	22.94	< 30.00

Note 1: Total Power (dBm) =  $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$

Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 0	Port 3			
DFT-s-OFDM PI/2 BPSK								
50	3525.00	64	32	25.89	24.97	28.46	29.04	< 30.00
		1	1	26.03	25.39	28.73	29.31	< 30.00
		1	131	25.55	24.89	28.24	28.82	< 30.00
		128	0	24.42	23.52	27.00	27.58	< 30.00
		1	0	19.97	19.18	22.60	23.18	< 30.00
		1	132	20.24	19.05	22.70	23.28	< 30.00
60	3480.00	81	40	25.89	25.04	28.50	29.08	< 30.00
		1	1	26.05	25.20	28.66	29.24	< 30.00
		1	160	25.94	24.86	28.44	29.02	< 30.00
		162	0	24.39	23.64	27.04	27.62	< 30.00
		1	0	19.99	19.31	22.67	23.25	< 30.00
		1	161	19.60	18.97	22.31	22.89	< 30.00
60	3500.01	81	40	25.99	25.10	28.58	29.16	< 30.00
		1	1	25.92	25.05	28.52	29.10	< 30.00
		1	160	26.11	24.93	28.57	29.15	< 30.00
		162	0	24.45	23.64	27.07	27.65	< 30.00
		1	0	20.08	18.99	22.58	23.16	< 30.00
		1	161	19.85	18.79	22.36	22.94	< 30.00
60	3519.99	81	40	26.11	25.11	28.65	29.23	< 30.00
		1	1	26.19	25.07	28.68	29.26	< 30.00
		1	160	25.98	24.85	28.46	29.04	< 30.00
		162	0	24.58	23.59	27.12	27.70	< 30.00
		1	0	20.15	19.21	22.72	23.30	< 30.00
		1	161	19.83	18.72	22.32	22.90	< 30.00

Note 1: Total Power (dBm) =  $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$

Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)



Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 0	Port 3			
DFT-s-OFDM PI/2 BPSK								
70	3485.01	90	45	25.73	25.00	28.39	28.97	< 30.00
		1	1	25.83	25.05	28.47	29.05	< 30.00
		1	187	25.51	24.63	28.10	28.68	< 30.00
		180	0	24.32	23.59	26.98	27.56	< 30.00
		1	0	20.06	19.47	22.79	23.37	< 30.00
		1	188	19.68	18.97	22.35	22.93	< 30.00
70	3500.01	90	45	25.85	24.97	28.44	29.02	< 30.00
		1	1	25.95	25.25	28.62	29.20	< 30.00
		1	187	25.84	24.73	28.33	28.91	< 30.00
		180	0	24.30	23.49	26.92	27.50	< 30.00
		1	0	20.02	19.09	22.59	23.17	< 30.00
		1	188	19.73	18.58	22.20	22.78	< 30.00
70	3514.98	90	45	25.85	24.99	28.45	29.03	< 30.00
		1	1	25.85	25.22	28.56	29.14	< 30.00
		1	187	25.60	24.60	28.14	28.72	< 30.00
		180	0	24.40	23.56	27.01	27.59	< 30.00
		1	0	19.94	18.97	22.49	23.07	< 30.00
		1	188	19.61	18.66	22.17	22.75	< 30.00
80	3490.02	108	54	25.78	24.99	28.41	28.99	< 30.00
		1	1	25.97	25.13	28.58	29.16	< 30.00
		1	215	25.49	24.69	28.12	28.70	< 30.00
		216	0	24.27	23.54	26.93	27.51	< 30.00
		1	0	19.96	19.11	22.57	23.15	< 30.00
		1	216	19.73	18.78	22.29	22.87	< 30.00
Note 1: Total Power (dBm) = $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$ Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)								

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 0	Port 3			
DFT-s-OFDM PI/2 BPSK								
80	3500.01	108	54	25.92	24.94	28.47	29.05	< 30.00
		1	1	25.92	24.91	28.45	29.03	< 30.00
		1	215	25.74	24.84	28.32	28.90	< 30.00
		216	0	24.34	23.43	26.92	27.50	< 30.00
		1	0	20.09	19.13	22.65	23.23	< 30.00
		1	216	19.59	19.02	22.32	22.90	< 30.00
80	3510.00	108	54	25.80	25.01	28.43	29.01	< 30.00
		1	1	26.13	25.00	28.61	29.19	< 30.00
		1	215	25.43	24.67	28.08	28.66	< 30.00
		216	0	24.28	23.49	26.91	27.49	< 30.00
		1	0	19.89	19.35	22.64	23.22	< 30.00
		1	216	19.64	18.92	22.31	22.89	< 30.00
90	3495.00	120	60	25.73	24.94	28.36	28.94	< 30.00
		1	1	26.00	24.97	28.53	29.11	< 30.00
		1	243	25.80	24.91	28.39	28.97	< 30.00
		243	0	24.37	23.50	26.97	27.55	< 30.00
		1	0	20.11	19.26	22.72	23.30	< 30.00
		1	244	19.74	18.71	22.27	22.85	< 30.00
90	3500.01	120	60	25.97	25.08	28.56	29.14	< 30.00
		1	1	26.00	24.83	28.46	29.04	< 30.00
		1	243	25.74	24.91	28.36	28.94	< 30.00
		243	0	24.39	23.50	26.98	27.56	< 30.00
		1	0	19.95	19.37	22.68	23.26	< 30.00
		1	244	19.87	18.91	22.43	23.01	< 30.00

Note 1: Total Power (dBm) =  $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$

Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 0	Port 3			
DFT-s-OFDM PI/2 BPSK								
90	3504.99	120	60	25.87	25.08	28.50	29.08	< 30.00
		1	1	25.87	25.12	28.52	29.10	< 30.00
		1	243	25.80	24.75	28.32	28.90	< 30.00
		243	0	24.30	23.48	26.92	27.50	< 30.00
		1	0	20.05	19.08	22.60	23.18	< 30.00
		1	244	19.63	18.75	22.22	22.80	< 30.00
100	3500.01	135	67	25.83	24.96	28.43	29.01	< 30.00
		1	1	26.20	25.18	28.73	29.31	< 30.00
		1	271	25.76	24.91	28.37	28.95	< 30.00
		270	0	24.37	23.50	26.97	27.55	< 30.00
		1	0	20.07	19.31	22.72	23.30	< 30.00
		1	272	19.52	18.63	22.11	22.69	< 30.00
Note 1: Total Power (dBm) = $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$								
Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)								

Test Site	WZ-SR6	Test Engineer	Lucas Wang
Test Date	2023/06/06 ~ 2023/06/13	Test Band	n77/n78_UL MIMO (3700 ~ 3980MHz)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 0	Port 3			
DFT-s-OFDM PI/2 BPSK								
10	3705.00	12	6	26.02	25.28	28.68	29.26	< 30.00
		1	1	26.12	25.16	28.68	29.26	< 30.00
		1	22	26.01	25.25	28.66	29.24	< 30.00
		24	0	24.53	23.72	27.15	27.73	< 30.00
		1	0	20.09	19.12	22.64	23.22	< 30.00
		1	23	20.15	19.23	22.72	23.30	< 30.00
10	3840.00	12	6	25.77	25.08	28.45	29.03	< 30.00
		1	1	25.78	25.03	28.43	29.01	< 30.00
		1	22	25.60	24.94	28.29	28.87	< 30.00
		24	0	24.26	23.57	26.94	27.52	< 30.00
		1	0	19.80	18.99	22.42	23.00	< 30.00
		1	23	19.74	19.09	22.44	23.02	< 30.00
10	3975.00	12	6	26.08	25.56	28.84	29.42	< 30.00
		1	1	26.22	25.48	28.88	29.46	< 30.00
		1	22	26.17	25.47	28.84	29.42	< 30.00
		24	0	24.64	24.05	27.37	27.95	< 30.00
		1	0	20.04	19.45	22.77	23.35	< 30.00
		1	23	20.03	19.42	22.75	23.33	< 30.00
15	3707.52	18	9	26.07	25.24	28.69	29.27	< 30.00
		1	1	25.88	25.25	28.59	29.17	< 30.00
		1	36	26.11	25.45	28.80	29.38	< 30.00
		36	0	24.55	23.77	27.19	27.77	< 30.00
		1	0	20.10	19.24	22.70	23.28	< 30.00
		1	37	20.07	19.40	22.76	23.34	< 30.00
Note 1: Total Power (dBm) = $10 \cdot \log\{10^{\text{Port 0 Output Power} / 10} + 10^{\text{Port 1 Output Power} / 10}\}$ Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)								

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 0	Port 3			
DFT-s-OFDM PI/2 BPSK								
15	3840.00	18	9	25.95	25.27	28.63	29.21	< 30.00
		1	1	25.80	25.23	28.53	29.11	< 30.00
		1	36	25.87	25.24	28.58	29.16	< 30.00
		36	0	24.44	23.67	27.08	27.66	< 30.00
		1	0	19.76	19.19	22.49	23.07	< 30.00
		1	37	19.83	19.21	22.54	23.12	< 30.00
15	3972.48	18	9	26.10	25.64	28.89	29.47	< 30.00
		1	1	26.25	25.58	28.94	29.52	< 30.00
		1	36	26.21	25.54	28.90	29.48	< 30.00
		36	0	24.66	24.03	27.37	27.95	< 30.00
		1	0	20.19	19.55	22.89	23.47	< 30.00
		1	37	20.31	19.52	22.94	23.52	< 30.00
20	3710.01	25	12	25.99	25.36	28.70	29.28	< 30.00
		1	1	25.90	25.22	28.58	29.16	< 30.00
		1	49	26.13	25.45	28.81	29.39	< 30.00
		50	0	24.58	23.79	27.21	27.79	< 30.00
		1	0	20.18	19.40	22.82	23.40	< 30.00
		1	50	19.91	19.30	22.63	23.21	< 30.00
20	3840.00	25	12	25.90	25.25	28.60	29.18	< 30.00
		1	1	25.84	25.20	28.54	29.12	< 30.00
		1	49	25.90	25.14	28.55	29.13	< 30.00
		50	0	24.41	23.75	27.10	27.68	< 30.00
		1	0	19.91	19.18	22.57	23.15	< 30.00
		1	50	19.82	19.22	22.54	23.12	< 30.00

Note 1: Total Power (dBm) =  $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$

Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 0	Port 3			
DFT-s-OFDM PI/2 BPSK								
20	3969.99	25	12	26.18	25.64	28.93	29.51	< 30.00
		1	1	26.14	25.51	28.85	29.43	< 30.00
		1	49	26.31	25.63	28.99	29.57	< 30.00
		50	0	24.78	24.16	27.49	28.07	< 30.00
		1	0	20.31	19.55	22.96	23.54	< 30.00
		1	50	20.06	19.61	22.85	23.43	< 30.00
25	3712.50	32	16	26.08	25.26	28.70	29.28	< 30.00
		1	1	26.11	25.15	28.67	29.25	< 30.00
		1	63	26.19	25.43	28.84	29.42	< 30.00
		64	0	24.49	23.69	27.12	27.70	< 30.00
		1	0	19.88	19.29	22.61	23.19	< 30.00
		1	64	19.88	19.23	22.58	23.16	< 30.00
25	3840.00	32	16	25.93	25.21	28.60	29.18	< 30.00
		1	1	25.85	25.14	28.52	29.10	< 30.00
		1	63	25.86	25.24	28.57	29.15	< 30.00
		64	0	24.46	23.73	27.12	27.70	< 30.00
		1	0	19.97	19.24	22.63	23.21	< 30.00
		1	64	19.96	19.11	22.57	23.15	< 30.00
25	3967.50	32	16	26.24	25.61	28.95	29.53	< 30.00
		1	1	26.25	25.54	28.92	29.50	< 30.00
		1	63	26.17	25.62	28.91	29.49	< 30.00
		64	0	24.74	24.14	27.46	28.04	< 30.00
		1	0	20.13	19.50	22.84	23.42	< 30.00
		1	64	20.21	19.63	22.94	23.52	< 30.00

Note 1: Total Power (dBm) =  $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$

Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 0	Port 3			
DFT-s-OFDM PI/2 BPSK								
30	3715.02	36	18	26.09	25.38	28.76	29.34	< 30.00
		1	1	26.08	25.20	28.67	29.25	< 30.00
		1	76	26.16	25.43	28.82	29.40	< 30.00
		75	0	24.64	23.84	27.27	27.85	< 30.00
		1	0	19.95	19.31	22.65	23.23	< 30.00
		1	77	20.27	19.33	22.84	23.42	< 30.00
30	3840.00	36	18	25.95	25.25	28.62	29.20	< 30.00
		1	1	25.83	25.32	28.59	29.17	< 30.00
		1	76	25.92	25.26	28.61	29.19	< 30.00
		75	0	24.55	23.78	27.19	27.77	< 30.00
		1	0	19.98	19.27	22.65	23.23	< 30.00
		1	77	19.92	19.25	22.61	23.19	< 30.00
30	3964.98	36	18	26.17	25.44	28.83	29.41	< 30.00
		1	1	26.24	25.52	28.91	29.49	< 30.00
		1	76	26.26	25.66	28.98	29.56	< 30.00
		75	0	24.67	23.97	27.34	27.92	< 30.00
		1	0	20.38	19.44	22.95	23.53	< 30.00
		1	77	20.09	19.54	22.83	23.41	< 30.00
40	3720.00	50	25	26.13	25.30	28.75	29.33	< 30.00
		1	1	26.12	25.38	28.78	29.36	< 30.00
		1	104	26.15	25.47	28.83	29.41	< 30.00
		100	0	24.72	23.83	27.31	27.89	< 30.00
		1	0	20.28	19.36	22.85	23.43	< 30.00
		1	105	20.08	19.43	22.78	23.36	< 30.00

Note 1: Total Power (dBm) =  $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$

Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 0	Port 3			
DFT-s-OFDM PI/2 BPSK								
40	3840.00	50	25	25.99	25.38	28.71	29.29	< 30.00
		1	1	26.08	25.38	28.75	29.33	< 30.00
		1	104	26.07	25.35	28.74	29.32	< 30.00
		100	0	24.57	23.91	27.26	27.84	< 30.00
		1	0	20.05	19.43	22.76	23.34	< 30.00
		1	105	19.95	19.32	22.66	23.24	< 30.00
40	3960.00	50	25	26.21	25.50	28.88	29.46	< 30.00
		1	1	26.19	25.63	28.93	29.51	< 30.00
		1	104	26.19	25.78	29.00	29.58	< 30.00
		100	0	24.78	24.10	27.46	28.04	< 30.00
		1	0	20.50	19.66	23.11	23.69	< 30.00
		1	105	20.28	19.74	23.03	23.61	< 30.00
50	3725.01	64	32	25.95	25.20	28.60	29.18	< 30.00
		1	1	25.88	25.22	28.57	29.15	< 30.00
		1	131	25.71	25.14	28.44	29.02	< 30.00
		128	0	24.42	23.69	27.08	27.66	< 30.00
		1	0	20.06	19.05	22.59	23.17	< 30.00
		1	132	19.79	18.97	22.41	22.99	< 30.00
50	3840.00	64	32	25.91	25.12	28.54	29.12	< 30.00
		1	1	25.71	25.27	28.51	29.09	< 30.00
		1	131	25.76	25.09	28.45	29.03	< 30.00
		128	0	24.35	23.71	27.05	27.63	< 30.00
		1	0	19.99	19.24	22.64	23.22	< 30.00
		1	132	19.76	19.08	22.44	23.02	< 30.00

Note 1: Total Power (dBm) =  $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$

Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)



Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 0	Port 3			
DFT-s-OFDM PI/2 BPSK								
50	3954.99	64	32	26.01	25.30	28.68	29.26	< 30.00
		1	1	26.10	25.23	28.70	29.28	< 30.00
		1	131	26.13	25.48	28.83	29.41	< 30.00
		128	0	24.58	23.81	27.22	27.80	< 30.00
		1	0	20.20	19.31	22.79	23.37	< 30.00
		1	132	19.95	19.36	22.68	23.26	< 30.00
60	3730.02	81	40	25.89	25.14	28.54	29.12	< 30.00
		1	1	25.90	24.92	28.45	29.03	< 30.00
		1	160	25.69	25.06	28.40	28.98	< 30.00
		162	0	24.35	23.69	27.04	27.62	< 30.00
		1	0	20.12	19.07	22.64	23.22	< 30.00
		1	161	19.89	18.99	22.47	23.05	< 30.00
60	3840.00	81	40	26.00	25.10	28.58	29.16	< 30.00
		1	1	25.62	25.06	28.36	28.94	< 30.00
		1	160	25.67	25.07	28.39	28.97	< 30.00
		162	0	24.34	23.72	27.05	27.63	< 30.00
		1	0	19.88	19.24	22.58	23.16	< 30.00
		1	161	19.76	19.03	22.42	23.00	< 30.00
60	3949.98	81	40	25.82	25.15	28.51	29.09	< 30.00
		1	1	26.02	25.02	28.56	29.14	< 30.00
		1	160	25.70	25.19	28.46	29.04	< 30.00
		162	0	24.35	23.63	27.02	27.60	< 30.00
		1	0	20.11	19.05	22.62	23.20	< 30.00
		1	161	19.77	19.09	22.45	23.03	< 30.00

Note 1: Total Power (dBm) =  $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$

Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 0	Port 3			
DFT-s-OFDM PI/2 BPSK								
70	3735.00	90	45	25.82	25.11	28.49	29.07	< 30.00
		1	1	25.98	24.98	28.52	29.10	< 30.00
		1	187	25.69	25.07	28.40	28.98	< 30.00
		180	0	24.29	23.65	26.99	27.57	< 30.00
		1	0	19.97	19.02	22.53	23.11	< 30.00
		1	188	19.69	19.09	22.41	22.99	< 30.00
70	3840.00	90	45	25.69	25.00	28.37	28.95	< 30.00
		1	1	25.69	25.02	28.38	28.96	< 30.00
		1	187	25.68	24.87	28.30	28.88	< 30.00
		180	0	24.23	23.55	26.91	27.49	< 30.00
		1	0	19.74	19.20	22.49	23.07	< 30.00
		1	188	19.56	18.95	22.28	22.86	< 30.00
70	3945.00	90	45	25.83	25.10	28.49	29.07	< 30.00
		1	1	26.12	25.06	28.63	29.21	< 30.00
		1	187	25.71	25.05	28.40	28.98	< 30.00
		180	0	24.39	23.57	27.01	27.59	< 30.00
		1	0	20.13	19.14	22.67	23.25	< 30.00
		1	188	19.68	19.13	22.42	23.00	< 30.00
80	3740.01	108	54	25.83	25.16	28.52	29.10	< 30.00
		1	1	25.69	24.87	28.31	28.89	< 30.00
		1	215	25.73	25.07	28.42	29.00	< 30.00
		216	0	24.31	23.59	26.98	27.56	< 30.00
		1	0	19.89	19.03	22.49	23.07	< 30.00
		1	216	19.71	19.01	22.38	22.96	< 30.00
Note 1: Total Power (dBm) = $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$ Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)								

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 0	Port 3			
DFT-s-OFDM PI/2 BPSK								
80	3840.00	108	54	25.68	24.97	28.35	28.93	< 30.00
		1	1	25.72	25.11	28.44	29.02	< 30.00
		1	215	25.62	24.90	28.29	28.87	< 30.00
		216	0	24.19	23.57	26.90	27.48	< 30.00
		1	0	19.75	19.17	22.48	23.06	< 30.00
		1	216	19.68	18.90	22.32	22.90	< 30.00
80	3939.99	108	54	25.84	25.15	28.52	29.10	< 30.00
		1	1	26.02	24.99	28.55	29.13	< 30.00
		1	215	25.57	25.00	28.30	28.88	< 30.00
		216	0	24.32	23.48	26.93	27.51	< 30.00
		1	0	20.01	18.96	22.53	23.11	< 30.00
		1	216	19.67	19.09	22.40	22.98	< 30.00
90	3745.02	120	60	25.87	25.15	28.54	29.12	< 30.00
		1	1	25.76	24.86	28.34	28.92	< 30.00
		1	243	25.84	25.13	28.51	29.09	< 30.00
		243	0	24.34	23.66	27.02	27.60	< 30.00
		1	0	19.96	19.03	22.53	23.11	< 30.00
		1	244	19.89	19.14	22.54	23.12	< 30.00
90	3840.00	120	60	25.75	25.02	28.41	28.99	< 30.00
		1	1	25.46	25.05	28.27	28.85	< 30.00
		1	243	25.58	24.97	28.30	28.88	< 30.00
		243	0	24.24	23.56	26.92	27.50	< 30.00
		1	0	19.75	19.15	22.47	23.05	< 30.00
		1	244	19.67	18.93	22.33	22.91	< 30.00

Note 1: Total Power (dBm) =  $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$

Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)

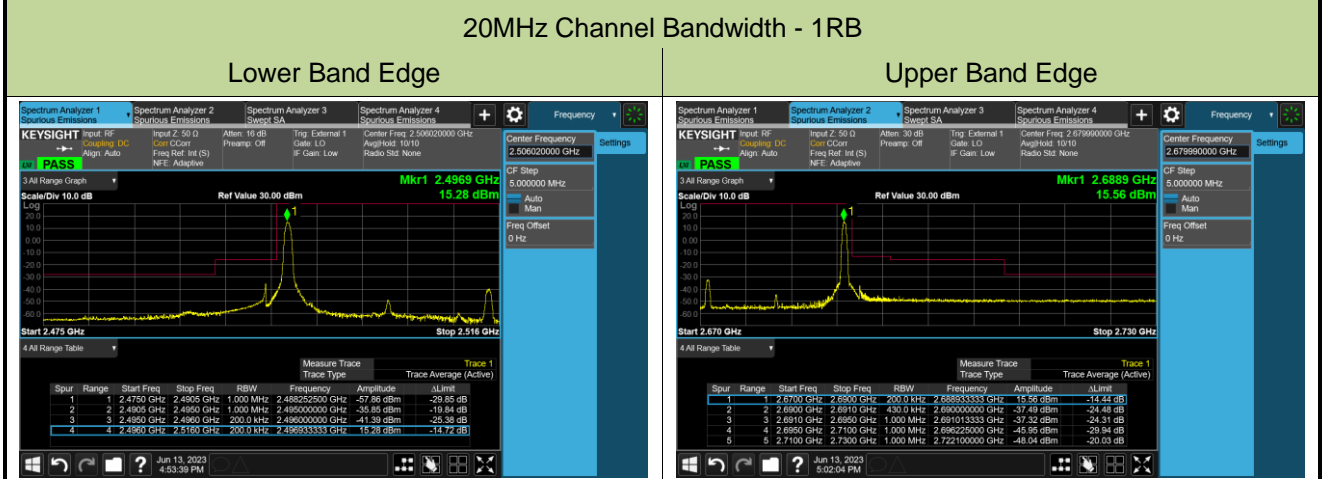
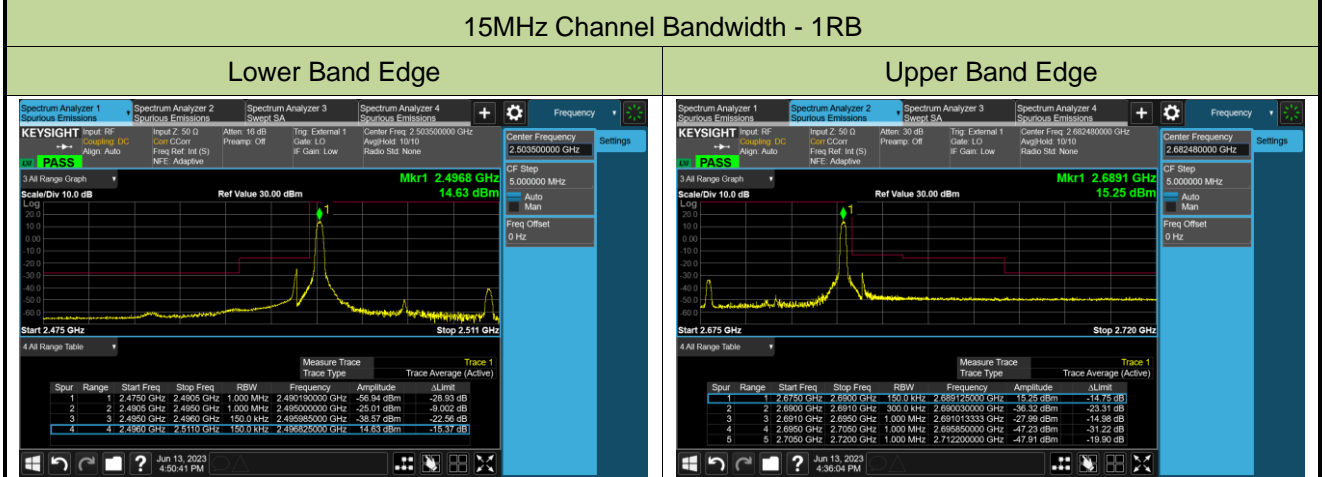
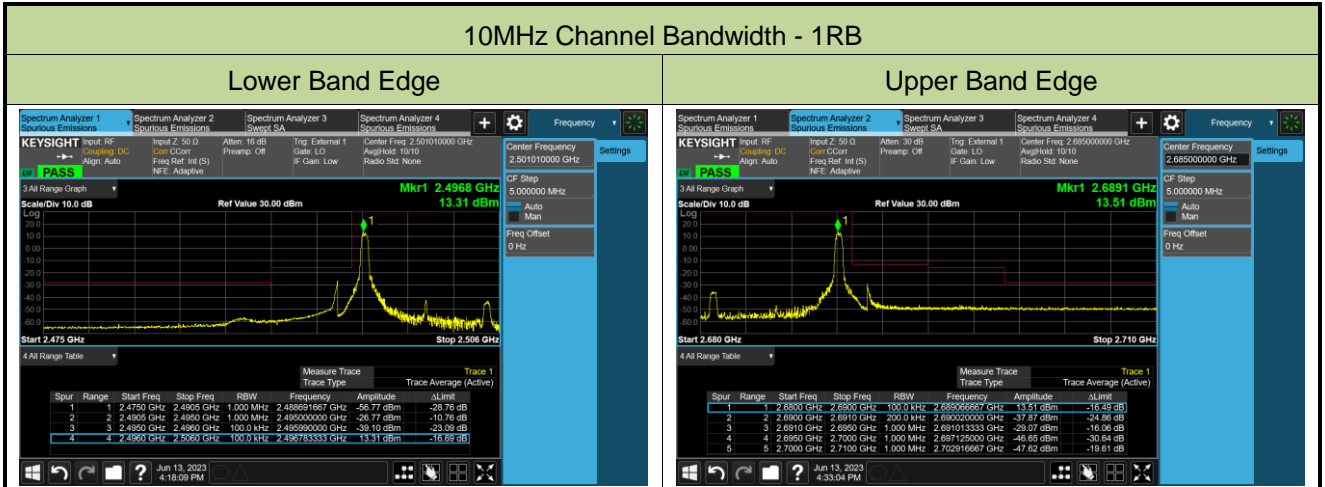
Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)	Limit (dBm)
				Port 0	Port 3			
DFT-s-OFDM PI/2 BPSK								
90	3934.98	120	60	25.86	25.01	28.47	29.05	< 30.00
		1	1	25.97	24.90	28.48	29.06	< 30.00
		1	243	25.61	25.12	28.38	28.96	< 30.00
		243	0	24.24	23.50	26.90	27.48	< 30.00
		1	0	19.96	18.99	22.51	23.09	< 30.00
		1	244	19.59	19.12	22.37	22.95	< 30.00
100	3750.00	135	67	25.79	25.19	28.51	29.09	< 30.00
		1	1	25.56	24.79	28.20	28.78	< 30.00
		1	271	25.88	25.20	28.56	29.14	< 30.00
		270	0	24.30	23.58	26.97	27.55	< 30.00
		1	0	19.75	19.01	22.41	22.99	< 30.00
		1	272	19.97	19.06	22.55	23.13	< 30.00
100	3840.00	135	67	25.74	25.00	28.40	28.98	< 30.00
		1	1	25.58	25.06	28.34	28.92	< 30.00
		1	271	25.60	24.97	28.31	28.89	< 30.00
		270	0	24.22	23.53	26.90	27.48	< 30.00
		1	0	19.61	19.23	22.43	23.01	< 30.00
		1	272	19.43	18.89	22.18	22.76	< 30.00
100	3930.00	135	67	25.80	24.99	28.42	29.00	< 30.00
		1	1	25.99	24.94	28.51	29.09	< 30.00
		1	271	25.61	25.24	28.44	29.02	< 30.00
		270	0	24.34	23.51	26.96	27.54	< 30.00
		1	0	20.03	19.04	22.57	23.15	< 30.00
		1	272	19.60	19.32	22.47	23.05	< 30.00

Note 1: Total Power (dBm) =  $10 \cdot \log\{10^{(\text{Port 0 Output Power} / 10)} + 10^{(\text{Port 1 Output Power} / 10)}\}$

Note 2: The EIRP (dBm) = Total Power (dBm) + Antenna Gain (dBi)

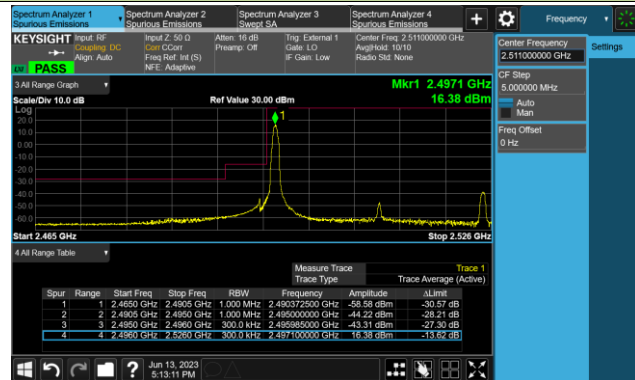
### A.2 Band Edge Test Result

Test Site	WZ-SR6	Test Engineer	Lucas Wang
Test Date	2023/06/13	Test Band	n41_MIMO (Port 3)

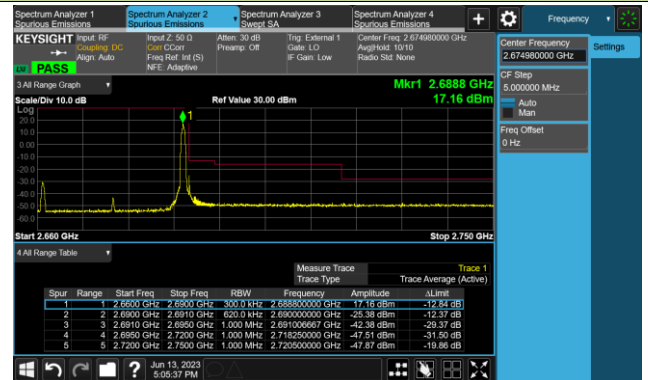


30MHz Channel Bandwidth - 1RB

Lower Band Edge

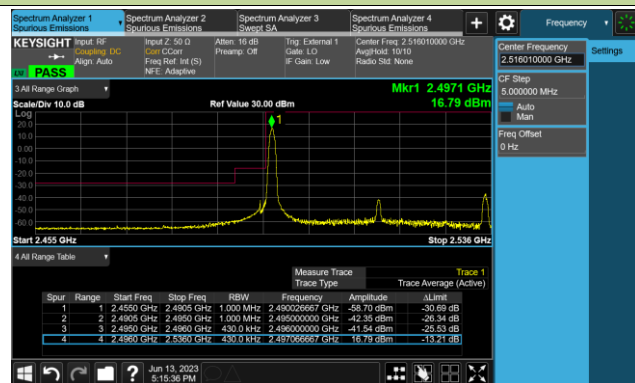


Upper Band Edge

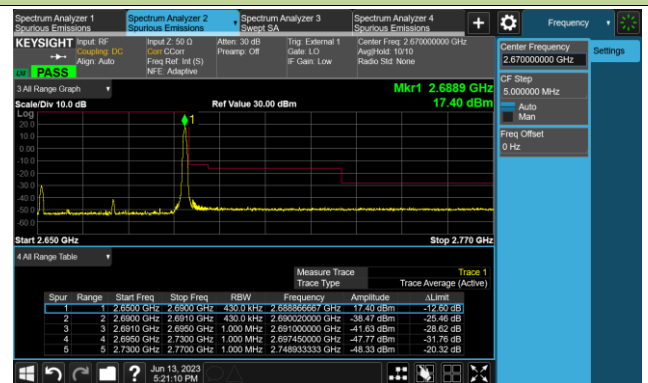


40MHz Channel Bandwidth - 1RB

Lower Band Edge

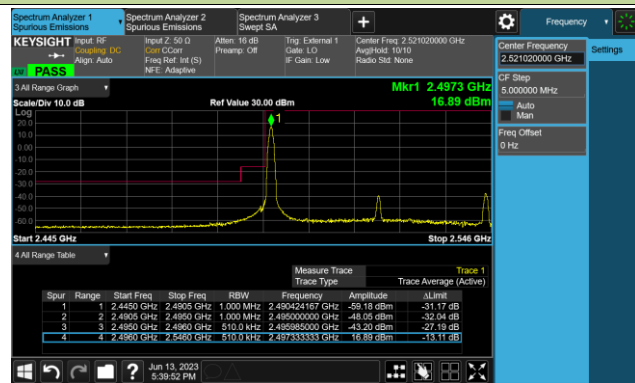


Upper Band Edge

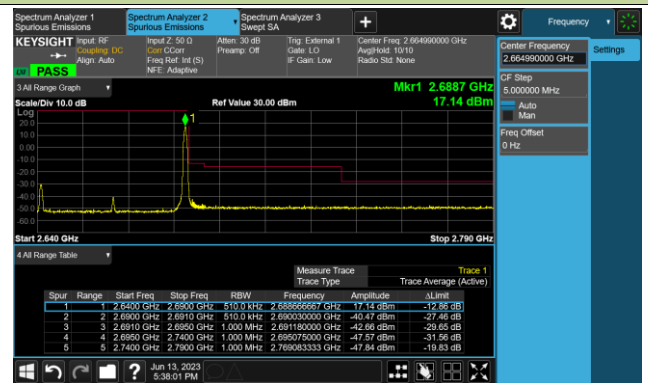


50MHz Channel Bandwidth - 1RB

Lower Band Edge

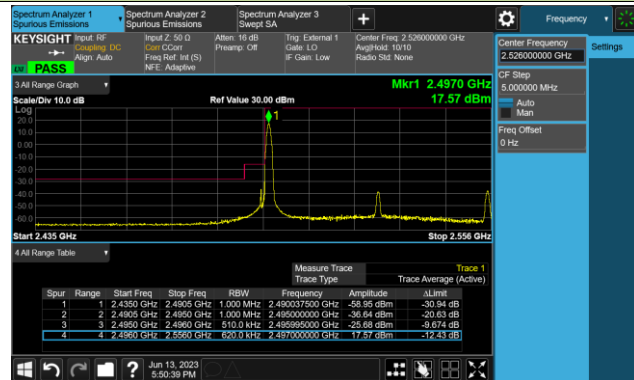


Upper Band Edge

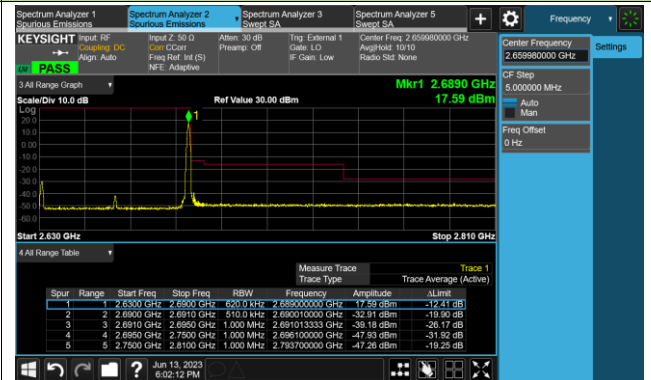


### 60MHz Channel Bandwidth - 1RB

#### Lower Band Edge

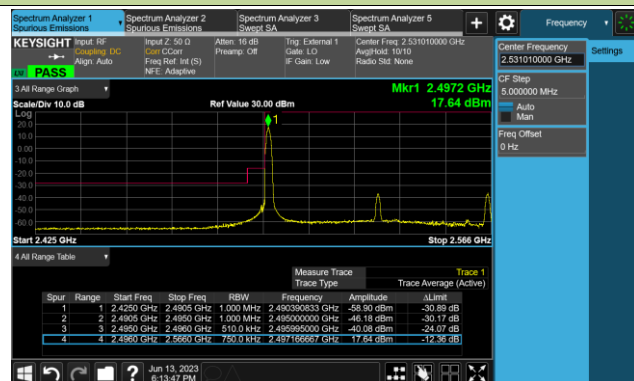


#### Upper Band Edge

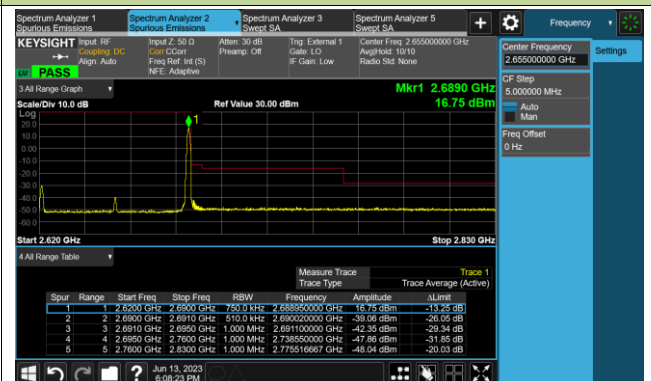


### 70MHz Channel Bandwidth - 1RB

#### Lower Band Edge

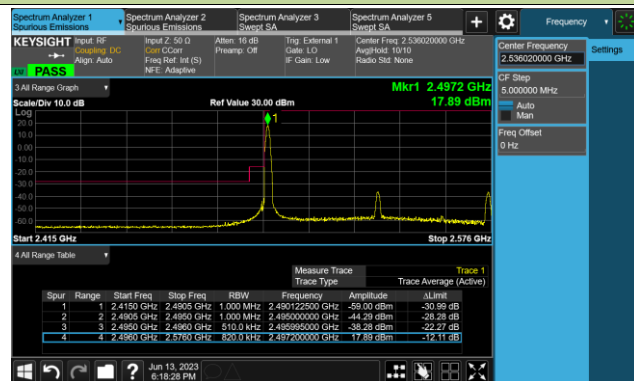


#### Upper Band Edge

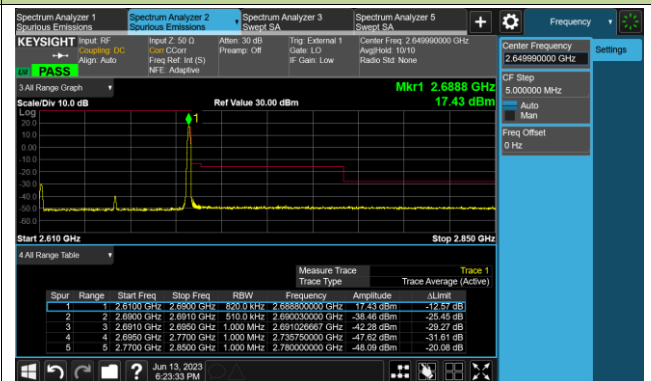


### 80MHz Channel Bandwidth - 1RB

#### Lower Band Edge

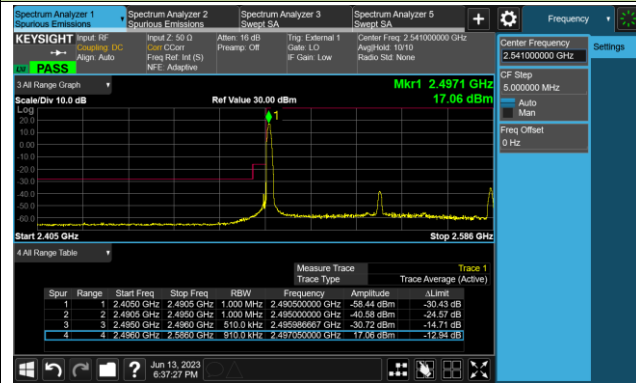


#### Upper Band Edge

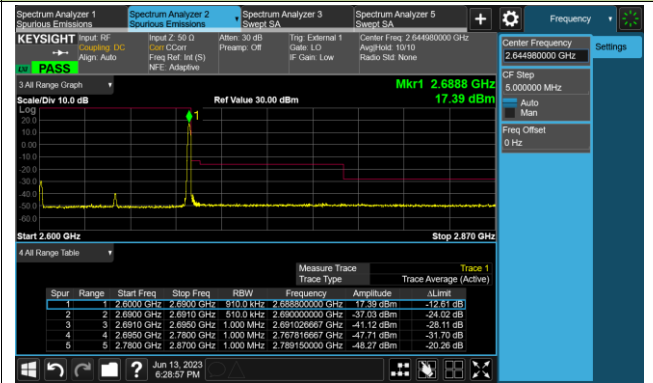


### 90MHz Channel Bandwidth - 1RB

#### Lower Band Edge

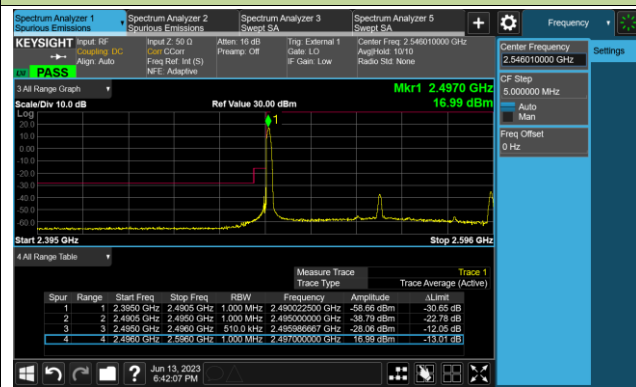


#### Upper Band Edge

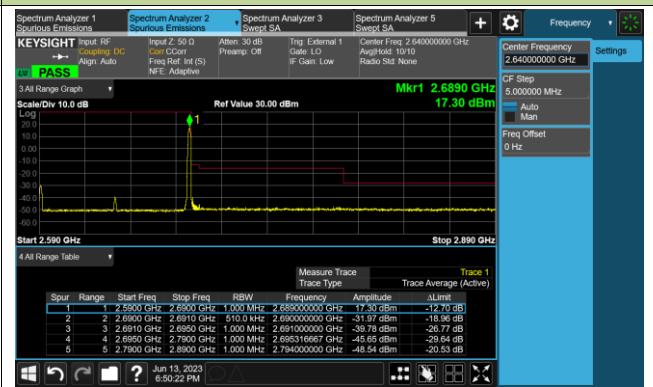


### 100MHz Channel Bandwidth - 1RB

#### Lower Band Edge



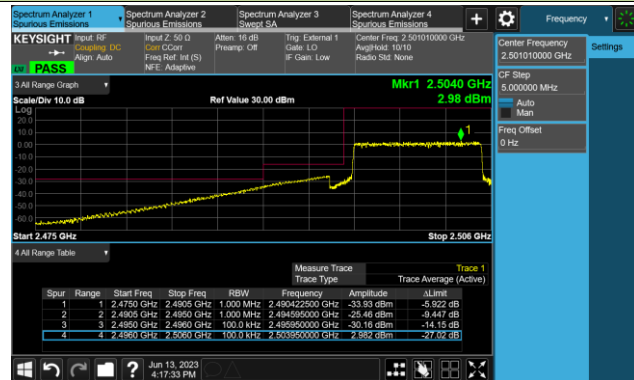
#### Upper Band Edge



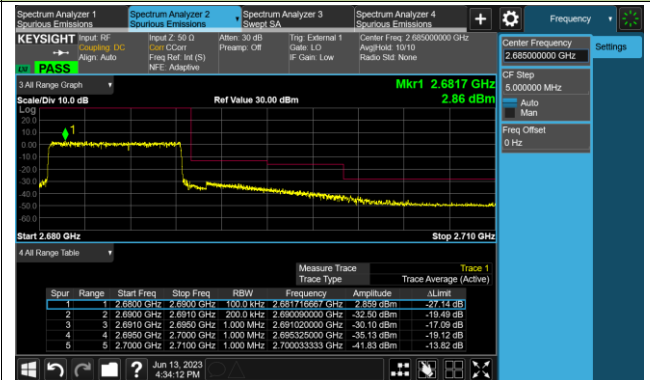


### 10MHz Channel Bandwidth - Full RB

#### Lower Band Edge

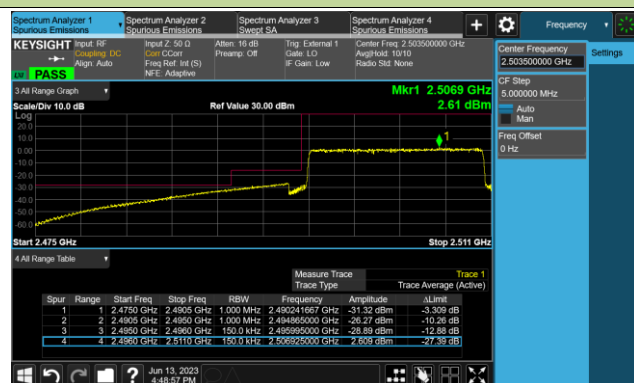


#### Upper Band Edge

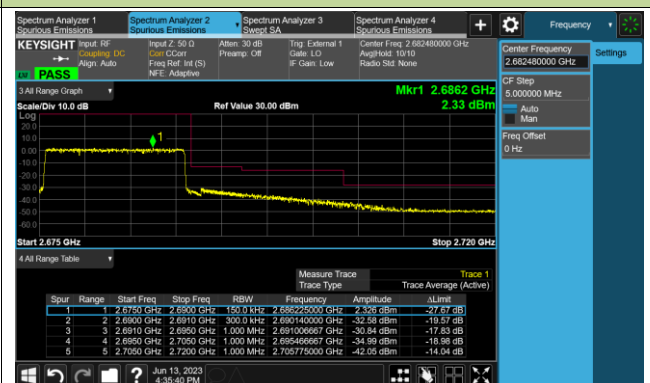


### 15MHz Channel Bandwidth - Full RB

#### Lower Band Edge

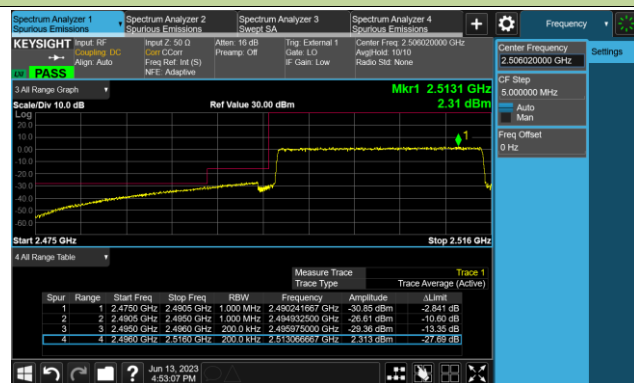


#### Upper Band Edge

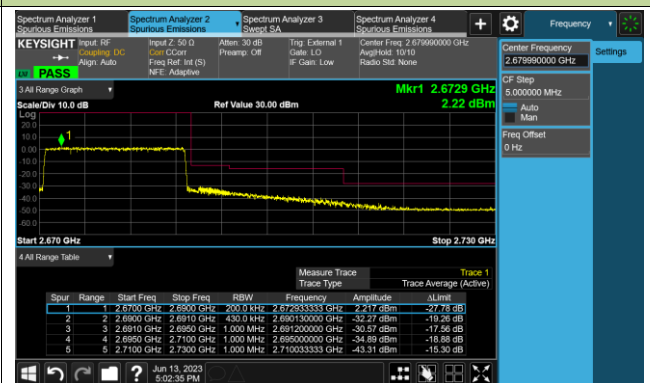


### 20MHz Channel Bandwidth - Full RB

#### Lower Band Edge

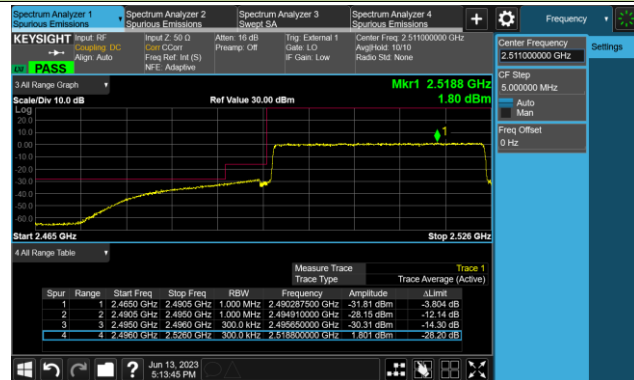


#### Upper Band Edge

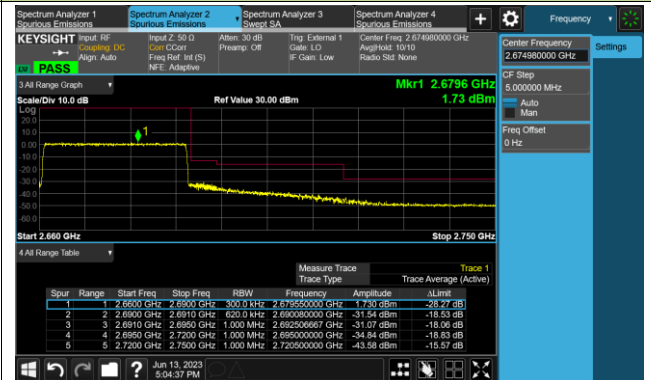


### 30MHz Channel Bandwidth - Full RB

#### Lower Band Edge

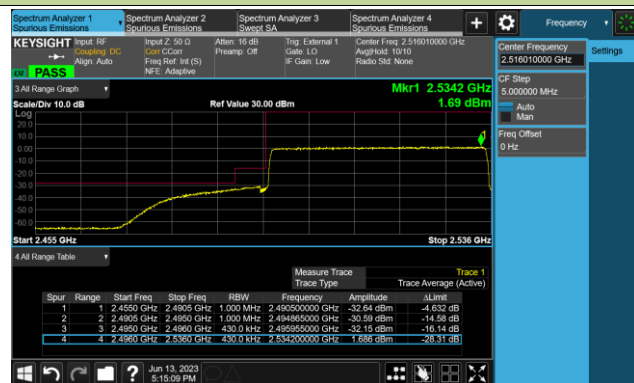


#### Upper Band Edge

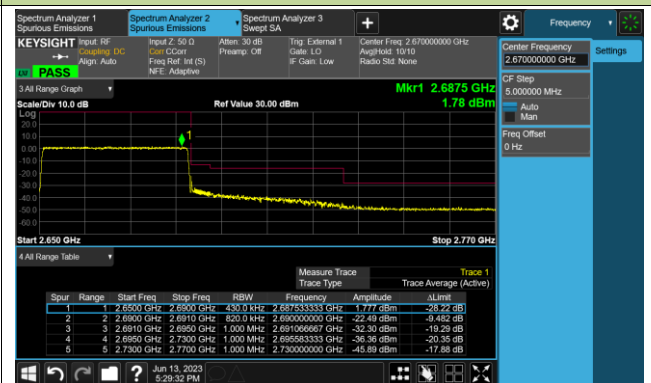


### 40MHz Channel Bandwidth - Full RB

#### Lower Band Edge

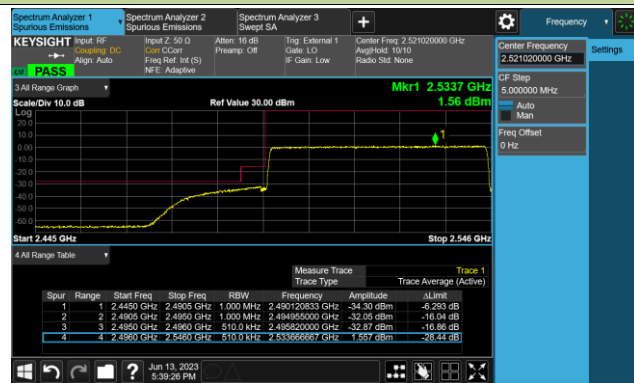


#### Upper Band Edge

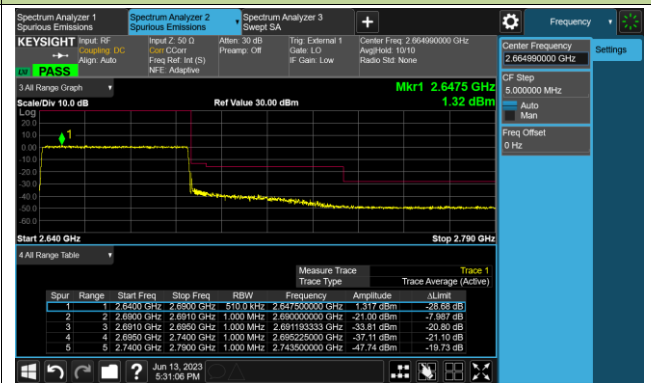


### 50MHz Channel Bandwidth - Full RB

#### Lower Band Edge

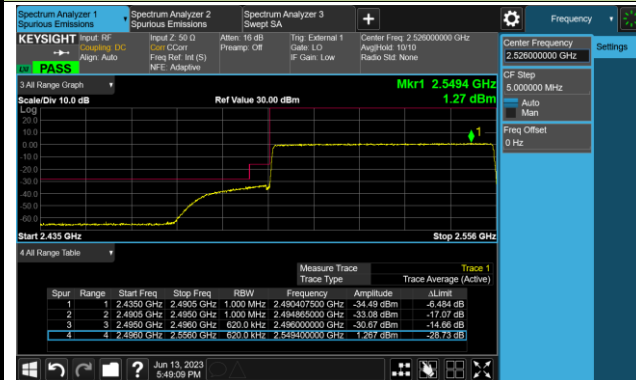


#### Upper Band Edge

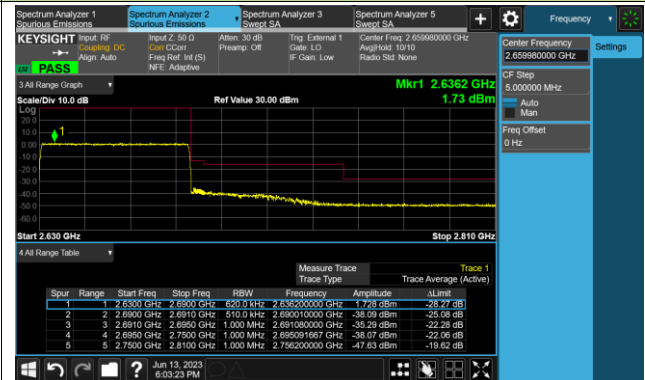


### 60MHz Channel Bandwidth - Full RB

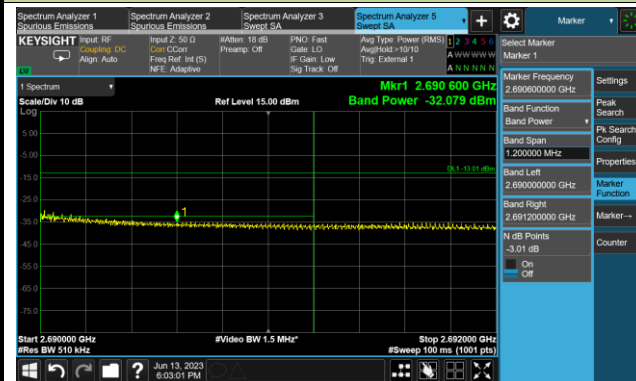
#### Lower Band Edge



#### Upper Band Edge

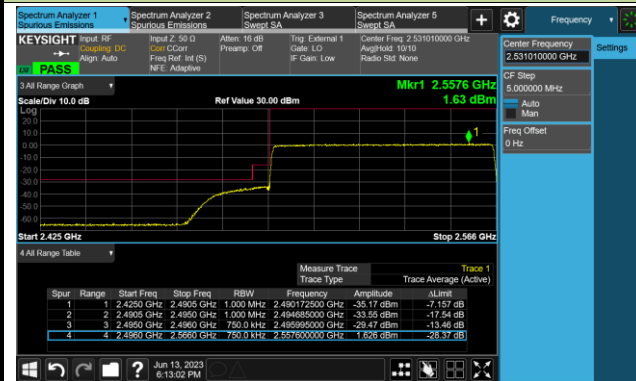


#### Upper Extended Band Edge

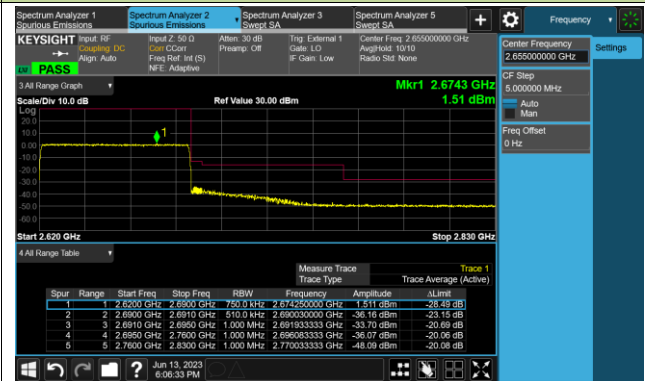


### 70MHz Channel Bandwidth - Full RB

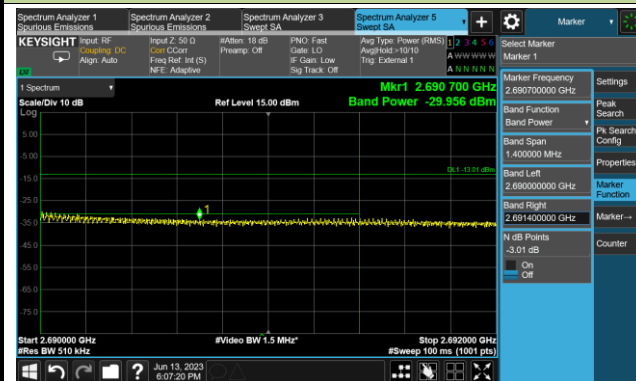
#### Lower Band Edge



#### Upper Band Edge

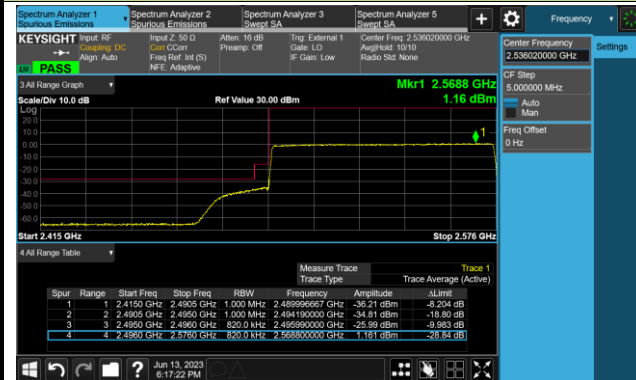


#### Upper Extended Band Edge

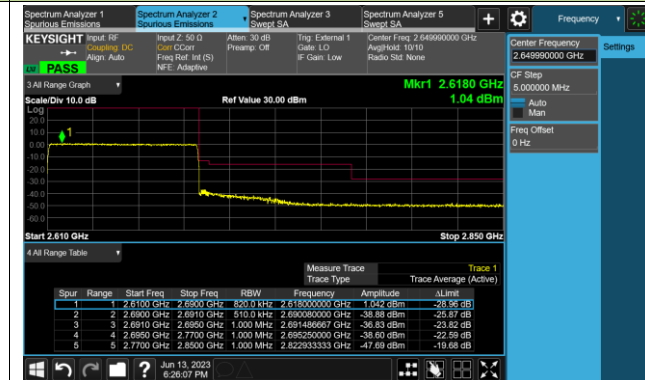


### 80MHz Channel Bandwidth - Full RB

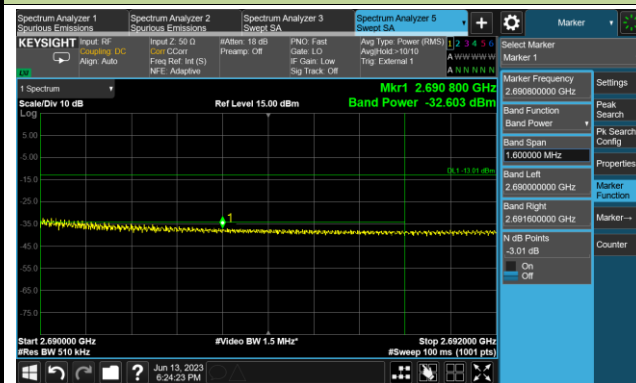
#### Lower Band Edge



#### Upper Band Edge

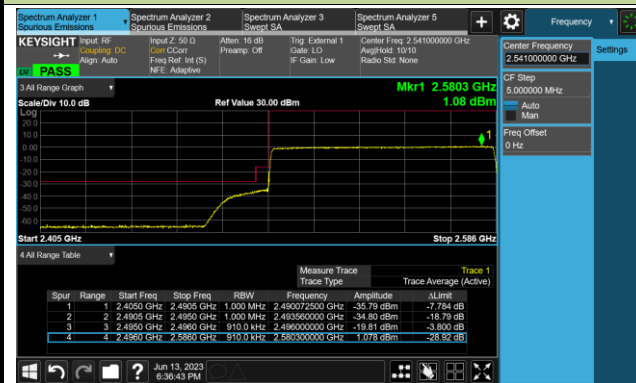


#### Upper Extended Band Edge

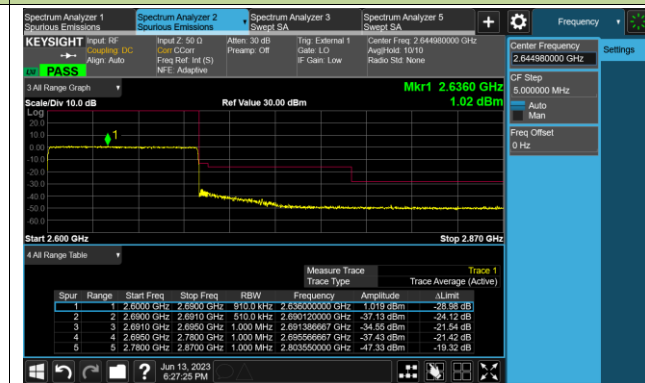


### 90MHz Channel Bandwidth - Full RB

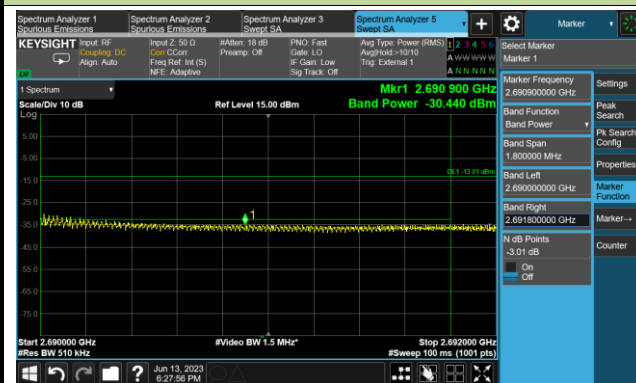
#### Lower Band Edge



#### Upper Band Edge

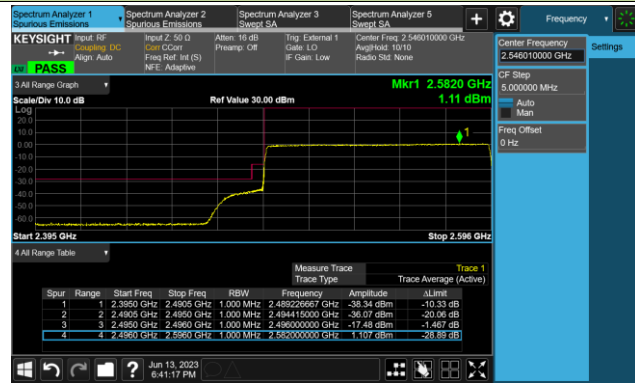


#### Upper Extended Band Edge

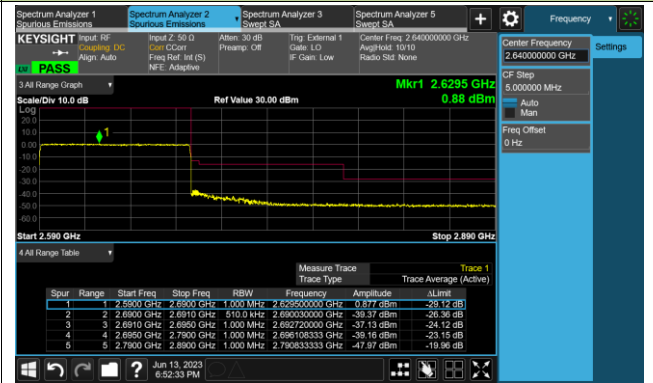


### 100MHz Channel Bandwidth - Full RB

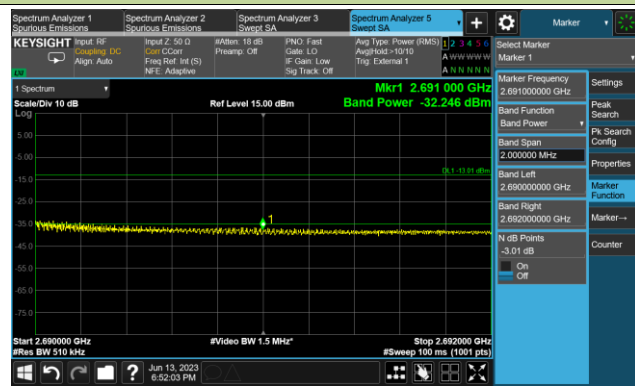
#### Lower Band Edge



#### Upper Band Edge



#### Upper Extended Band Edge

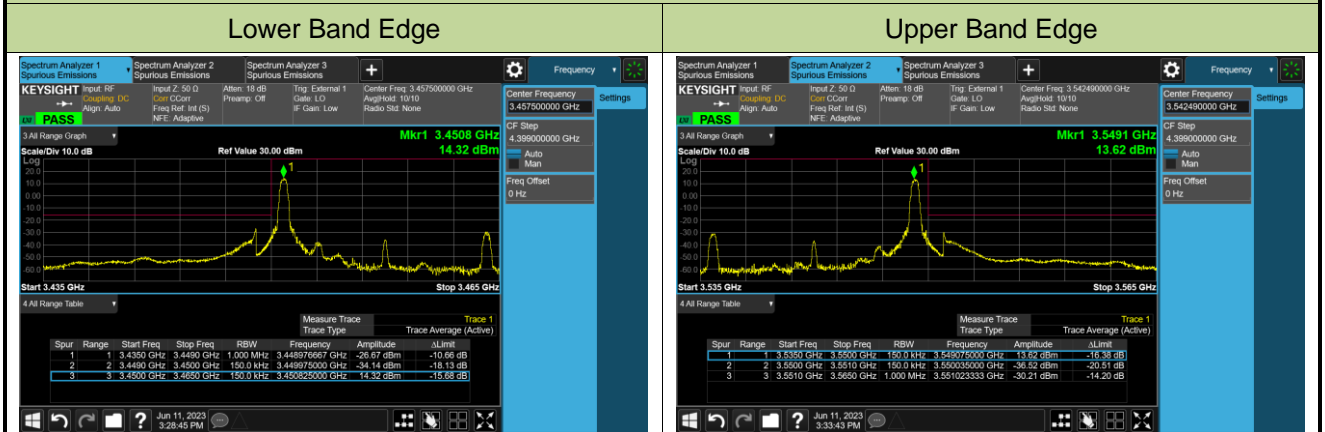


Test Site	WZ-SR6	Test Engineer	Lucas Wang
Test Date	2023/06/11	Test Band	n77/n78_MIMO (Port 0) (3450 ~ 3550MHz)

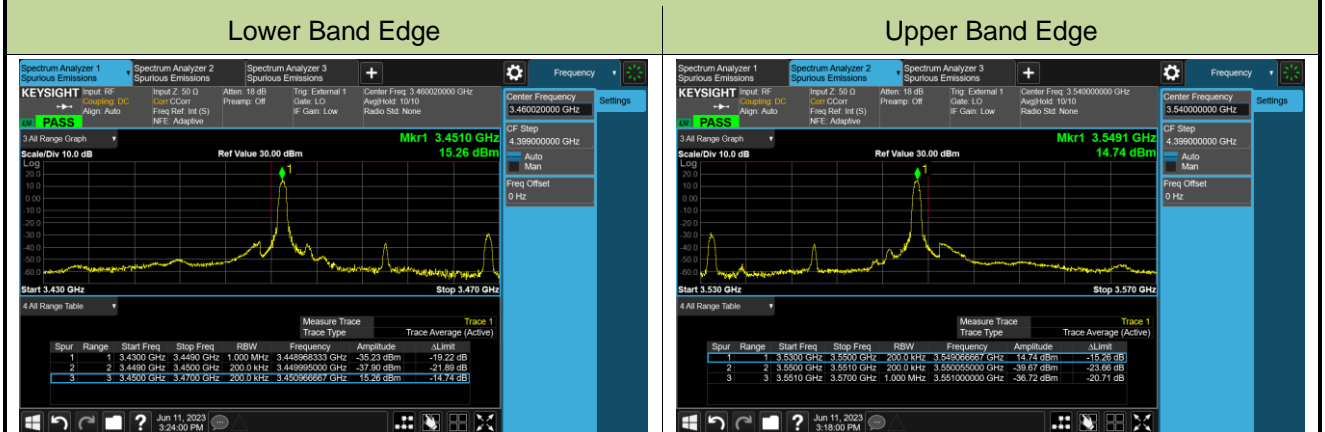
**10MHz Channel Bandwidth - 1RB**



**15MHz Channel Bandwidth - 1RB**

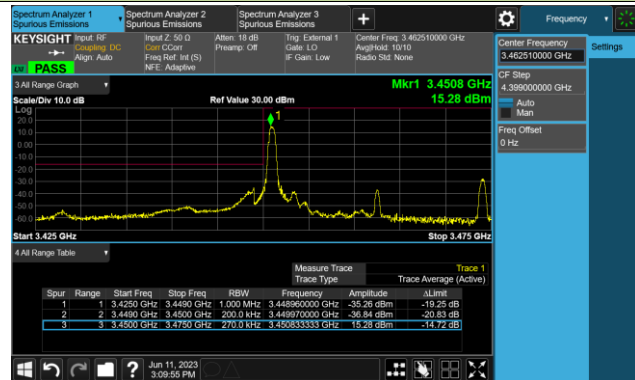


**20MHz Channel Bandwidth - 1RB**

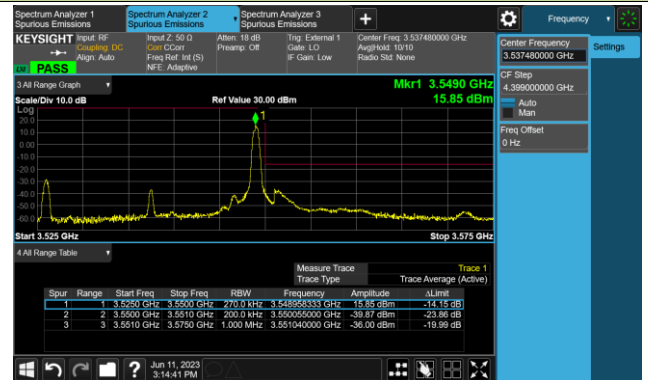


25MHz Channel Bandwidth - 1RB

Lower Band Edge

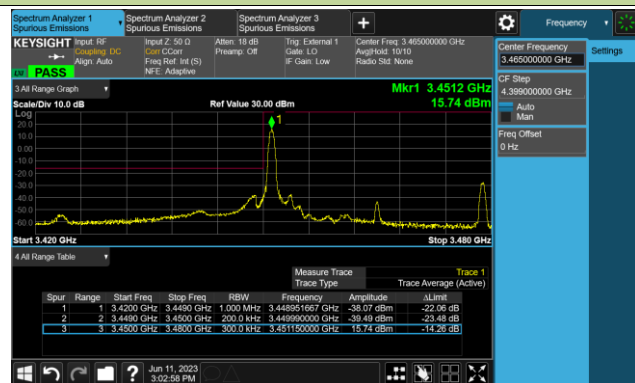


Upper Band Edge

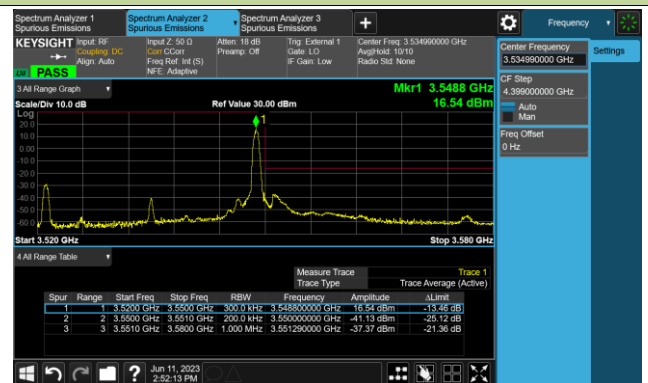


30MHz Channel Bandwidth - 1RB

Lower Band Edge

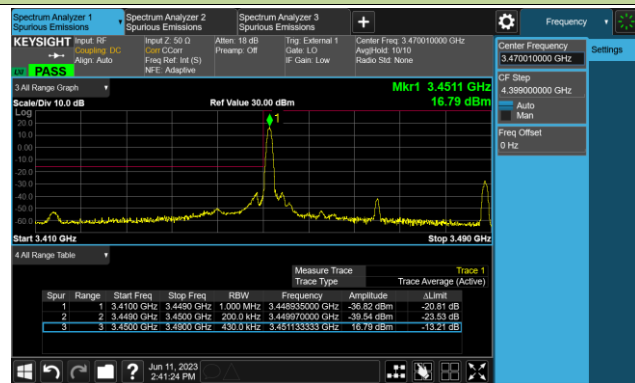


Upper Band Edge



40MHz Channel Bandwidth - 1RB

Lower Band Edge



Upper Band Edge

