# RF MEASUREMENT REPORT

| | |
|---|---|
| **FCC ID:** | XMR2023RG520NNA |
| **Applicant:** | Quectel Wireless Solutions Co., Ltd |
| **Product:** | 5G Sub-6 GHz LGA Module |
| **Model No.:** | RG520N-NA |
| **Brand Name:** | Quectel |
| **FCC Rule(s):** | Part 96 |
| **Result:** | Complies |
| **Received Date:** | 2024-01-23 |
| **Test Date:** | 2024-01-23 ~ 2024-03-11 |

**Reviewed By:** Sunny Sun

**Approved By:** Robin Wu

ACCREDITED
TESTING LABORATORY
CERTIFICATE #3628.01

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 |
|---|---|---|---|---|
| 2401RSU047-U3 | V01 | Added 15MHz Channel Bandwidth | 2024-03-18 | Valid |
| | | | | |

Note: This report is prepared for FCC Class II permissive supplement to FCC ID: XMR2023RG520NNA enable the 15MHz bandwidths of n48 via SW.

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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

| | | | | | |
|---|---|---|---|---|---|
| ☒ | **Test Site – MRT Suzhou Laboratory** | | | | |
| | **Laboratory Location (Suzhou - Wuzhong)**<br>D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China<br>**Laboratory Location (Suzhou - SIP)**<br>4b Building, Liando U Valley, No.200 Xingpu Rd., Shengpu Town, Suzhou Industrial Park, China | | | | |
| | **Laboratory Accreditations** | | | | |
| | A2LA: 3628.01 | | CNAS: L10551 | | |
| | FCC: CN1166 | | ISED: CN0001 | | |
| | VCCI: | ☐R-20025 | ☐G-20034 | ☐C-20020 | ☐T-20020 |
| | | ☐R-20141 | ☐G-20134 | ☐C-20103 | ☐T-20104 |
| ☐ | **Test Site – MRT Shenzhen Laboratory** | | | | |
| | **Laboratory Location (Shenzhen)**<br>1G, Building A, Junxiangda Building, Zhongshanyuan Road West, Nanshan District, Shenzhen, China | | | | |
| | **Laboratory Accreditations** | | | | |
| | A2LA: 3628.02 | | CNAS: L10551 | | |
| | FCC: CN1284 | | ISED: CN0105 | | |
| ☐ | **Test Site – MRT Taiwan Laboratory** | | | | |
| | **Laboratory Location (Taiwan)**<br>No. 38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) | | | | |
| | **Laboratory Accreditations** | | | | |
| | TAF: 3261 | | | | |
| | FCC: 291082, TW3261 | | ISED: TW3261 | | |

### 1.4. Product Information

| | |
|---|---|
| Product Name | 5G Sub-6 GHz LGA Module |
| Model No. | RG520N-NA |
| Brand Name | Quectel |
| IMEI | Conducted Measurement 1: 863109050294995<br>Conducted Measurement 2: 863109050298111<br>Conducted Measurement 3: 863109050295893<br>Radiated Measurement: 863109050298590 |
| 3GPP Specification | LTE Band 2/4/5/7/12/13/14/17/25/26/29/30/38/41/42/43/46/48/66/71<br>NR SA/NSA Band n2/5/7/12/13/14/25/26/29/30/38/41/48/66/70/71/77/78 |
| Temperature Operating Range | -30 ~ 75 °C |
| Power Supply Rating | 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

| | |
|---|---|
| TDD $T_X$ & $R_X$ Frequency Range | n48: 3550 ~ 3700 MHz |
| SCS for NR cell | 30kHz |
| Channel Bandwidth | 15MHz |
| Modulation | UL up to 256QAM, DL up to 256QAM |
| Device Type | End User Device |

### 1.6. Description of Available Antennas

| Technology | Frequency Range (MHz) | Antenna Type | MaxPeak Gain (dBi) |
|---|---|---|---|
| n48 | 3550 ~ 3700 | Dipole | 0.58 |

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 Part 96
- 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

### 1.8. Device Capabilities

This device contains 5G NR SA & EN-DC the following capabilities:

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

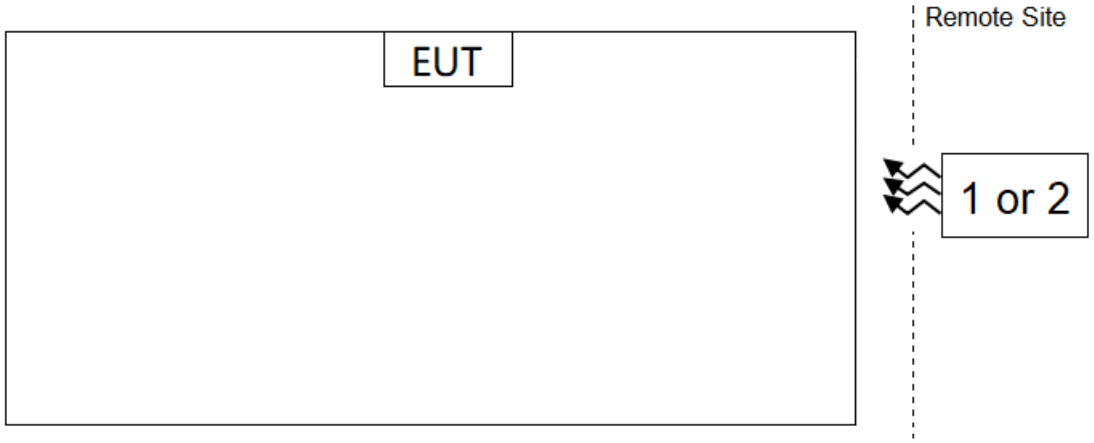
The DFT-s-OFDM and CP-OFDM waveforms were investigated, and DFT-s-OFDM was found to be the worst case.

UL MIMO mode only support CP-OFDM.

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. Output power measurements were measured on PI/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM, and BPSK modulations.

# 2. Test Configuration

## 2.1. Test System Connection Diagram




| Product | | Manufacturer | Model No. |
|---|---|---|---|
| 1 | UXM 5G Wireless Test Platform | Keysight | E7515B |
| 2 | Radio Communication Test Station | Anritsu | MT8000A |

## 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 |
| | | | | 1 year | 2025-02-04 | |
| Shielding Room | HUAMING | WZ-SR6 | MRTSUE06443 | N/A | N/A | WZ-SR6 |
| Signal Analyzer | Keysight | N9020B | MRTSUE06583 | 1 year | 2024-09-27 | WZ-SR6 |
| USB Power Sensor | Agilent | U2021XA | MRTSUE06030 | 1 year | 2024-09-27 | WZ-SR6 |
| 5G Wireless Test Platform | Keysight | E7515B | MRTSUE06942 | 1 year | 2024-02-29 | WZ-SR6 |
| | | | | 1 year | 2025-02-03 | |
| Radio Communication Test Station | Anritsu | MT8000A | MRTSUE06961 | 1 year | 2024-06-29 | WZ-SR6 |
| Directional Coupler | MVE | MVE4912-10 | MRTSUE07051 | 1 year | 2024-08-23 | WZ |
| Attenuator | MVE | MVE2365 | MRTSUE07070 | 1 year | 2024-11-27 | WZ |
| Attenuator | MVE | MVE2365 | MRTSUE07071 | 1 year | 2024-11-27 | WZ |

| Software | Version | Function |
|---|---|---|
| UXM 5G Automation Toolset | V 7.3 | License 4G & 5G |
| Agilent Power Analyzer/Agilent Power Panel | VR03.09.00 | Power |

# 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.

| |
|---|
| Conducted Spurious Emissions |
| Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 1.47dB |
| Output Power |
| Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 0.66dB |
| Occupied Bandwidth |
| Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 69.28kHz |

# 5. Test Result

## 5.1. Summary

| FCC Part Section(s) | Test Description | Test Condition | Verdict |
|---|---|---|---|
| 2.1049 | Occupied Bandwidth | Conducted | Pass |
| 96.41(b) | Equivalent Isotropic Radiated Power | | Pass |
| 2.1051<br>96.41(e) | Band Edge Emissions<br>Spurious Emissions | | 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) All supported modulation types were evaluated. The worst-case emission of modulation was selected. Therefore, the Channel Band Edge, Conducted Spurious Emission were presented worst-case in the test report.
3) 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. Output power measurements were measured on DFT-s PI/2 BPSK, DFT-s QPSK, DFT-s 16QAM, DFT-s 64QAM, DFT-s 256QAM, and CP QPSK modulations.

## 5.2. Occupied Bandwidth Measurement

### 5.2.1. Test Limit

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured.

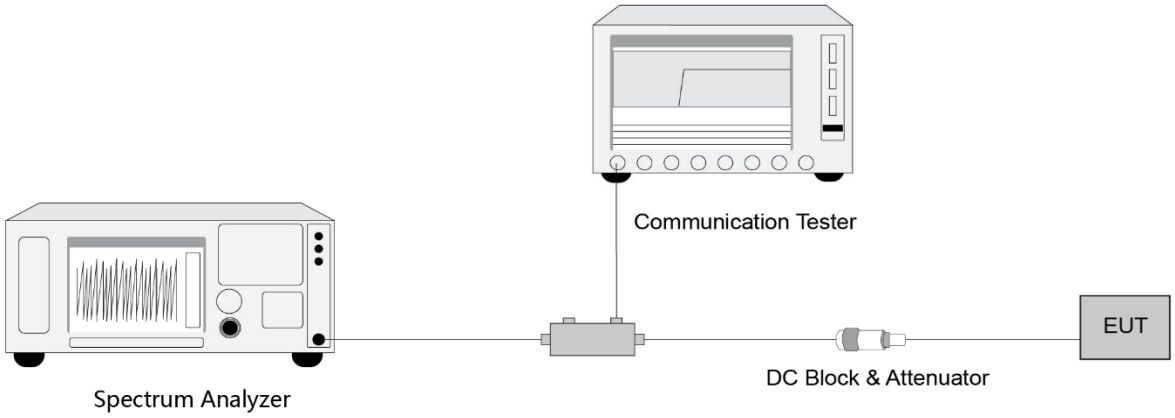
### 5.2.2. Test Procedure

ANSI C63.26-2015 - Section 5.4.4

### 5.2.3. Test Setting

1. Set center frequency to the nominal EUT channel center frequency
2. RBW = The nominal RBW shall be in the range of 1% to 5% of the anticipated OBW
3. VBW≥ 3 × RBW
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple
7. Allow the trace to stabilize
8. Use the 99% power bandwidth function of the instrument and report the measured bandwidth.

### 5.2.4. Test Setup




### 5.2.5. Test Result

Refer to Appendix A.1.

## 5.3. Equivalent Isotropically Radiated Power Measurement

### 5.3.1. Test Limit

The maximum effective isotropic radiated power (EIRP) End User Device is 23dBm/10MHz

### 5.3.2. Test Procedure

ANSI C63.26-2015 - Section 5.2.4.4.2 & 5.2.5.5

### 5.3.3. Test Setting

When the fundamental condition for average power measurements cannot be realized (i.e., the EUT can not be configured to transmit at full-power on a continuous basis (i.e., duty cycle < 98%) and the instrumentation cannot be configured to measure only during active full-power transmissions), then thefollowing procedure can be used if the EUT duty cycle is constant (i.e., duty cycle variations are less thanor equal to ±2%).

a) Set span to 2 × to 3 × the OBW.

b) Set RBW = 1% to 5% of the OBW.

c) Set VBW ≥ 3 × RBW.

d) Set number of measurement points in sweep ≥ 2 × span / RBW.

e) Sweep time:

1) Set = auto-couple, or

2) Set ≥ [10 × (number of points in sweep) × (transmission symbol period)] for single sweep (automation-compatible) measurement.

f) Detector = power averaging (rms).

g) Set sweep trigger to “free run.”

h) 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.

i) Using the marker function to identify the maximum PSD.

j) Add 10 log (1/duty cycle) to the measured power level to compute the average power during continuous transmission. For example, add [10 log (1/0.25)] = 6 dB if the duty cycle is a constant 25%.

**Average Power Measurement**

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.

**EIRP & EIRP Measurement**

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

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

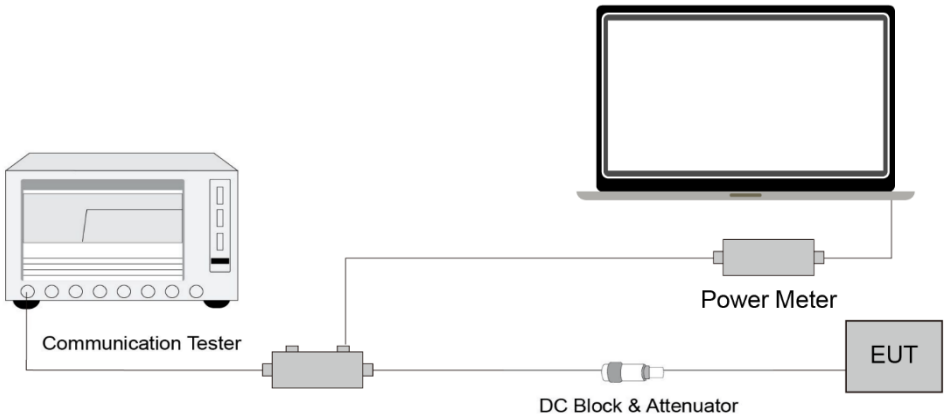
where

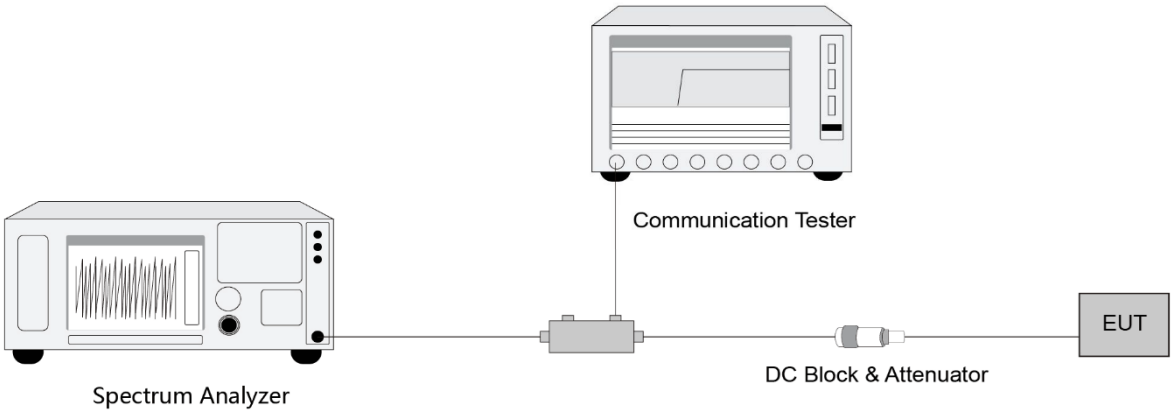
ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively (expressed in the same units as $P_{Meas}$, e.g., dBm or dBW)

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

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

### 5.3.4. Test Setup



### 5.3.5. Test Result

Refer to Appendix A.2.

## 5.4. Band Edge Measurement

### 5.4.1. Test Limit

All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst-case configuration. All modes of operation were investigated, and the worst-case configuration results are reported in this section.

The conducted power of any emission outside the fundamental emission (whether in or outside of the authorized band) shall not exceed −13 dBm/MHz within 0-10 megahertz above the upper SAS-assigned channel edge and within 0-10 megahertz below the lower SAS-assigned channel edge. At all frequencies greater than 10 megahertz above the upper SAS assigned channel edge and less than 10 MHz below the lower SAS assigned channel edge, the conducted power of any emission shall not exceed −25 dBm/MHz.

The conducted power of any emissions below 3530 MHz or above 3720 MHz shall not exceed -40 dBm/Mhz.

### 5.4.2. Test Procedure

ANSI C63.26-2015 - Section5.7

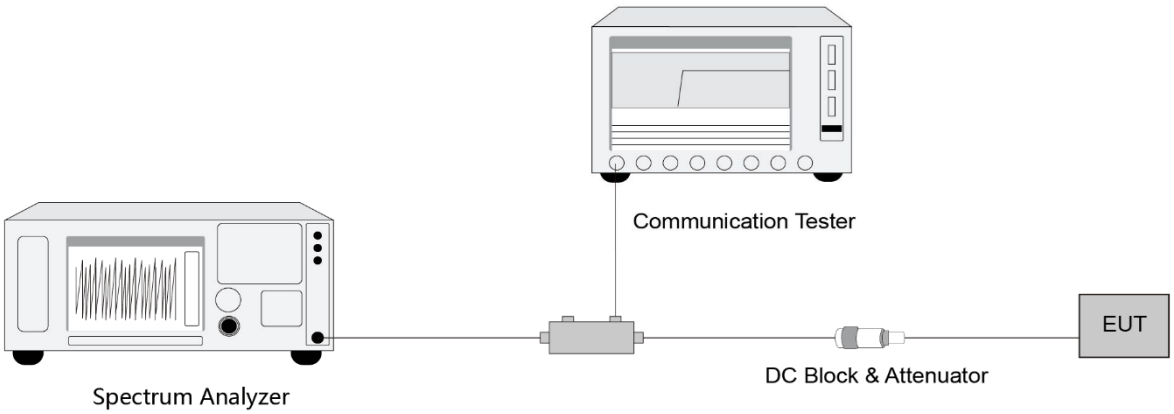
### 5.4.3. Test Setting

1. Set the analyzer frequency to low, middle, high channel.
2. RBW ≥ 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 ≥ 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.

9. Used power integration whenusing a measurement bandwidth smaller than the specified bandwidth.

### 5.4.4. Test Setup




### 5.4.5. Test Result

Refer to Appendix A.3.

## 5.5. Conducted Spurious Emissions Measurement

### 5.5.1. Test Limit

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst-case configuration. All modes of operation were investigated, and the worst-case configuration results are reported in this section.

The conducted power of any emissions below 3530MHz or above 3720MHz shall not exceed -40dBm/MHz.

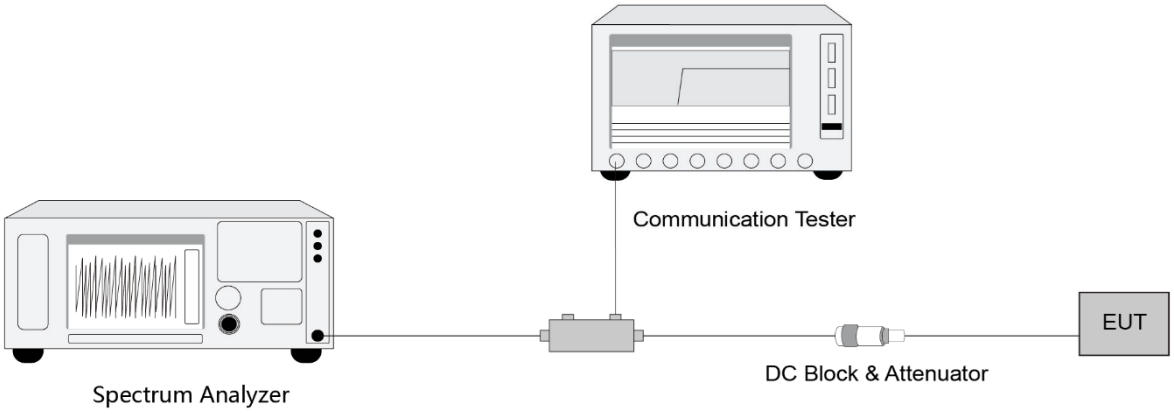
### 5.5.2. Test Procedure

ANSI C63.26-2015 - Section 5.7

### 5.5.3. Test Setting

1. Set the analyzer frequency to low, mid, high channel.
2. RBW = 1MHz
3. VBW ≥ 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.

### 5.5.4. Test Setup




### 5.5.5. Test Result

Refer to Appendix A.4.

# Appendix A - Test Result

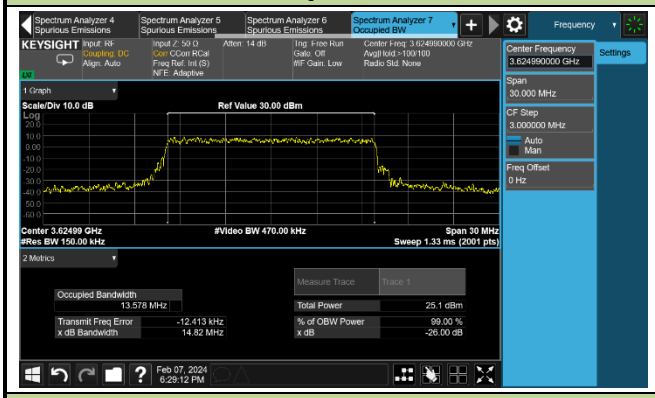
## A.1 Occupied Bandwidth Test Result

| | | | |
|---|---|---|---|
| Test Site | WZ-SR6 | Test Engineer | Lucas Wang |
| Test Date | 2024-02-07 | Test Band | n48_SA |

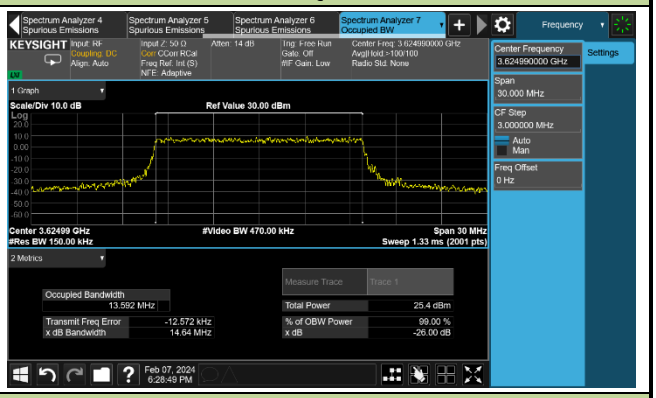
| Modulation | Frequency (MHz) | Bandwidth (MHz) | 99% Bandwidth (MHz) |
|---|---|---|---|
| QPSK | 3624.99 | 15 | 13.578 |
| 16QAM | | | 13.592 |
| 64QAM | | | 13.600 |
| 256QAM | | | 13.590 |

99% Bandwidth – 15MHz Channel Bandwidth

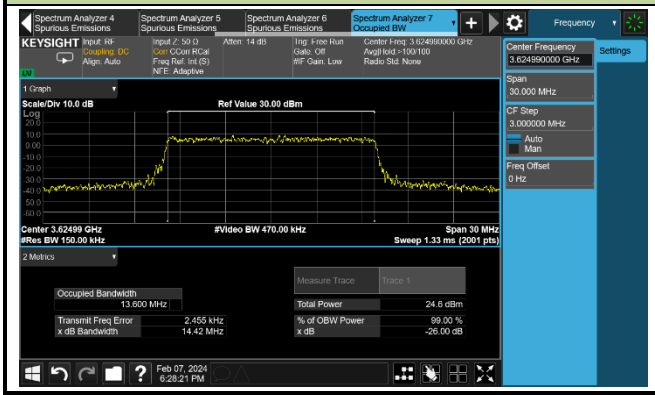
QPSK



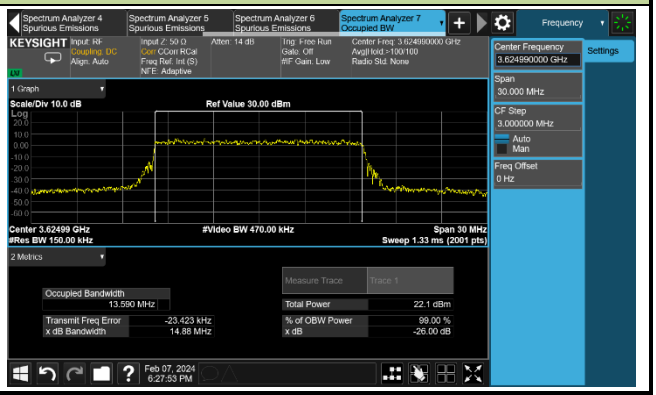

16QAM




64QAM




256QAM

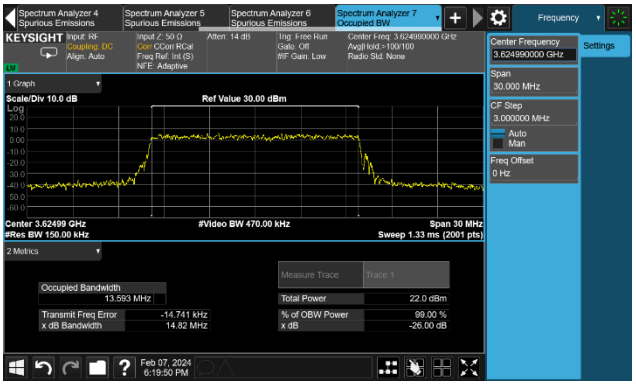


| | | | |
|---|---|---|---|
| Test Site | WZ-SR6 | Test Engineer | Lucas Wang |
| Test Date | 2024-02-07 | Test Band | n48_UL MIMO (Port 0) |

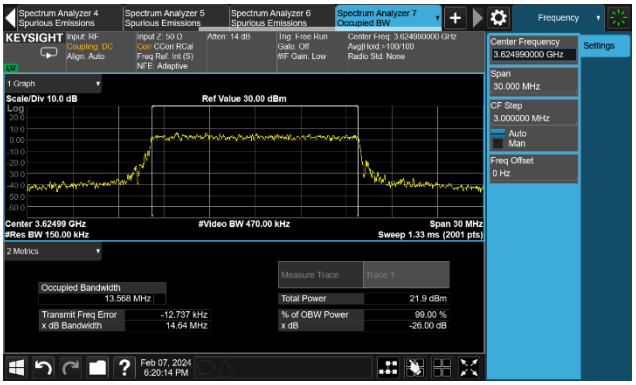
| Modulation | Frequency (MHz) | Bandwidth (MHz) | 99% Bandwidth (MHz) |
|---|---|---|---|
| QPSK | 3624.99 | 15 | 13.593 |
| 16QAM | | | 13.568 |
| 64QAM | | | 13.543 |
| 256QAM | | | 13.550 |

99% Bandwidth – 15MHz Channel Bandwidth

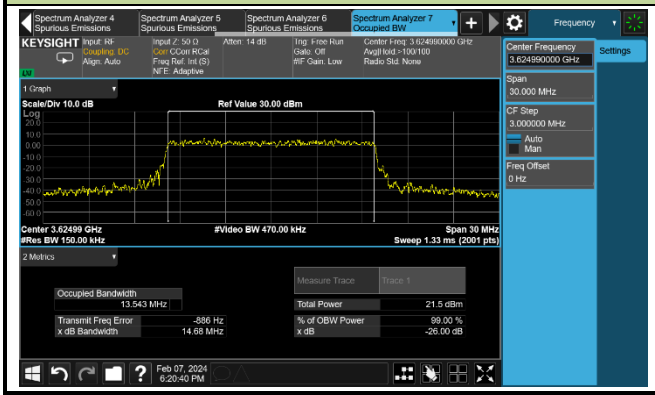
QPSK



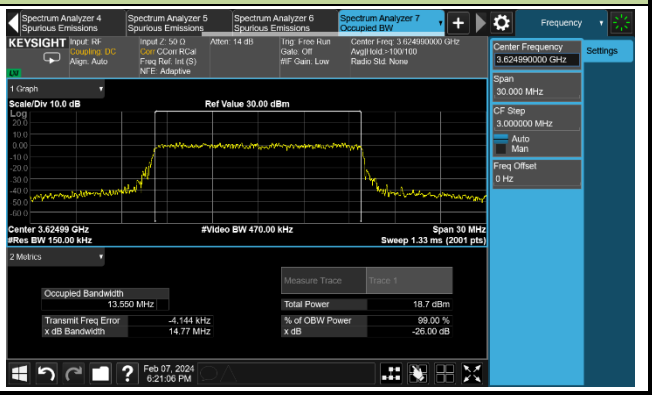

16QAM




64QAM




256QAM

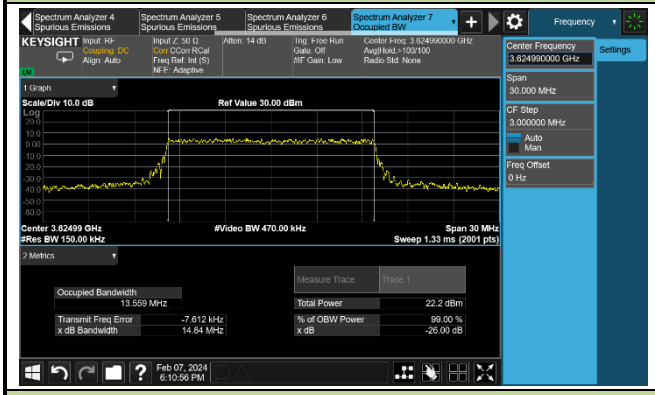


| | | | |
|---|---|---|---|
| Test Site | WZ-SR6 | Test Engineer | Lucas Wang |
| Test Date | 2024-02-07 | Test Band | n48_UL MIMO (Port 3) |

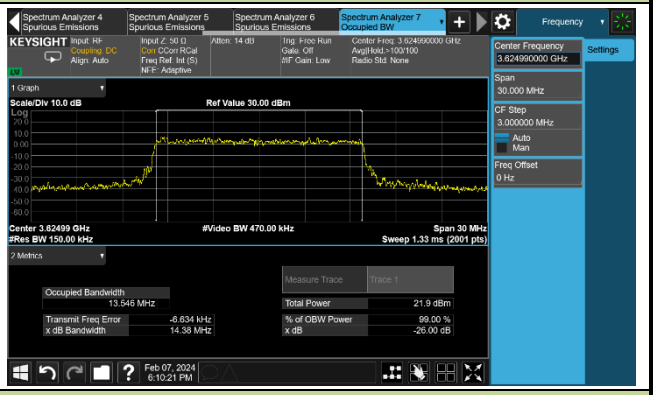
| Modulation | Frequency (MHz) | Bandwidth (MHz) | 99% Bandwidth (MHz) |
|---|---|---|---|
| QPSK | 3624.99 | 15 | 13.559 |
| 16QAM | | | 13.546 |
| 64QAM | | | 13.581 |
| 256QAM | | | 13.621 |

99% Bandwidth – 15MHz Channel Bandwidth

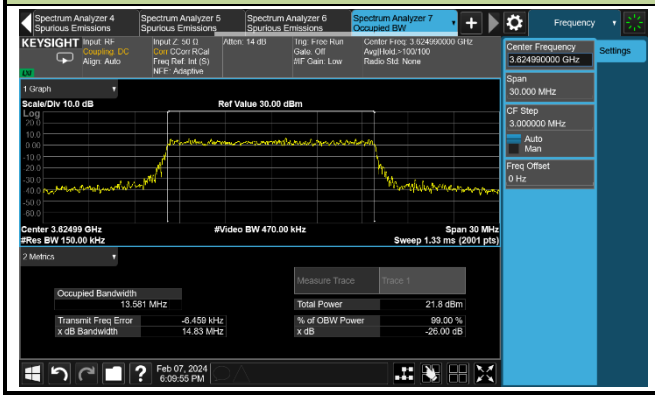
QPSK



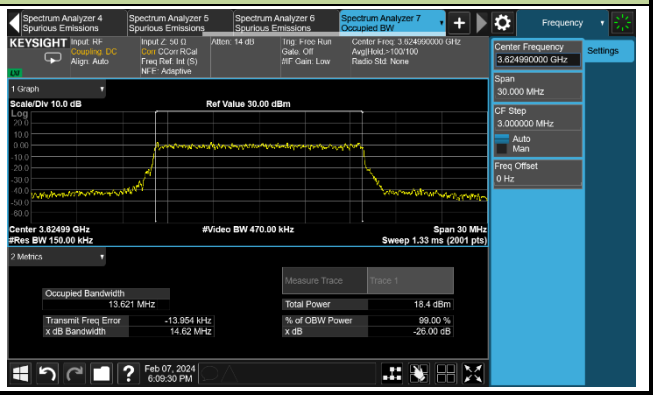

16QAM




64QAM




256QAM



### A.2 Equivalent Isotropically Radiated Power Test Result

| | | | |
|---|---|---|---|
| Test Site | WZ-SR6 | Test Engineer | Lucas Wang |
| Test Date | 2024-01-29 ~ 2024-01-30 | Test Band | n48_SA |

| Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm/10MHz) | EIRP (dBm/ 10MHz) | Limit (dBm/ 10MHz) |
|---|---|---|---|---|---|---|
| DFT-s OFDM PI/2 BPSK | | | | | | |
| 3557.52 | 15 | 18 | 9 | 21.91 | 22.49 | <23.00 |
| | | 1 | 1 | 21.73 | 22.31 | <23.00 |
| | | 1 | 36 | 21.93 | 22.51 | <23.00 |
| | | 36 | 0 | 20.32 | 20.90 | <23.00 |
| | | 1 | 0 | 21.30 | 21.88 | <23.00 |
| | | 1 | 37 | 21.41 | 21.99 | <23.00 |
| 3624.99 | 15 | 18 | 9 | 21.90 | 22.48 | <23.00 |
| | | 1 | 1 | 22.12 | 22.70 | <23.00 |
| | | 1 | 36 | 22.09 | 22.67 | <23.00 |
| | | 36 | 0 | 20.22 | 20.80 | <23.00 |
| | | 1 | 0 | 21.63 | 22.21 | <23.00 |
| | | 1 | 37 | 21.55 | 22.13 | <23.00 |
| 3692.49 | 15 | 18 | 9 | 22.07 | 22.65 | <23.00 |
| | | 1 | 1 | 21.88 | 22.46 | <23.00 |
| | | 1 | 36 | 22.08 | 22.66 | <23.00 |
| | | 36 | 0 | 20.40 | 20.98 | <23.00 |
| | | 1 | 0 | 21.39 | 21.97 | <23.00 |
| | | 1 | 37 | 21.58 | 22.16 | <23.00 |
| Note: The EIRP (dBm/10MHz) = Output Power (dBm/10MHz) + Antenna Gain (dBi) | | | | | | |

| Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm/10MHz) | EIRP (dBm/ 10MHz) | Limit (dBm/ 10MHz) |
|---|---|---|---|---|---|---|
| DFT-s OFDM QPSK | | | | | | |
| 3557.52 | 15 | 18 | 9 | 21.92 | 22.50 | <23.00 |
| | | 1 | 1 | 21.83 | 22.41 | <23.00 |
| | | 1 | 36 | 22.03 | 22.61 | <23.00 |
| | | 36 | 0 | 19.84 | 20.42 | <23.00 |
| | | 1 | 0 | 20.91 | 21.49 | <23.00 |
| | | 1 | 37 | 20.98 | 21.56 | <23.00 |
| 3624.99 | 15 | 18 | 9 | 21.84 | 22.42 | <23.00 |
| | | 1 | 1 | 21.74 | 22.32 | <23.00 |
| | | 1 | 36 | 21.81 | 22.39 | <23.00 |
| | | 36 | 0 | 19.79 | 20.37 | <23.00 |
| | | 1 | 0 | 20.87 | 21.45 | <23.00 |
| | | 1 | 37 | 20.84 | 21.42 | <23.00 |
| 3692.49 | 15 | 18 | 9 | 22.10 | 22.68 | <23.00 |
| | | 1 | 1 | 22.06 | 22.64 | <23.00 |
| | | 1 | 36 | 22.15 | 22.73 | <23.00 |
| | | 36 | 0 | 19.91 | 20.49 | <23.00 |
| | | 1 | 0 | 21.03 | 21.61 | <23.00 |
| | | 1 | 37 | 21.19 | 21.77 | <23.00 |
| Note: The EIRP (dBm/10MHz) = Output Power (dBm/10MHz) + Antenna Gain (dBi) | | | | | | |

| Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm/10MHz) | EIRP (dBm/ 10MHz) | Limit (dBm/ 10MHz) |
|---|---|---|---|---|---|---|
| DFT-s OFDM 16QAM | | | | | | |
| 3557.52 | 15 | 18 | 9 | 20.98 | 21.56 | <23.00 |
| | | 1 | 1 | 20.61 | 21.19 | <23.00 |
| | | 1 | 36 | 20.84 | 21.42 | <23.00 |
| | | 36 | 0 | 18.80 | 19.38 | <23.00 |
| | | 1 | 0 | 19.72 | 20.30 | <23.00 |
| | | 1 | 37 | 19.77 | 20.35 | <23.00 |
| 3624.99 | 15 | 18 | 9 | 20.92 | 21.50 | <23.00 |
| | | 1 | 1 | 20.81 | 21.39 | <23.00 |
| | | 1 | 36 | 20.76 | 21.34 | <23.00 |
| | | 36 | 0 | 18.66 | 19.24 | <23.00 |
| | | 1 | 0 | 19.86 | 20.44 | <23.00 |
| | | 1 | 37 | 19.76 | 20.34 | <23.00 |
| 3692.49 | 15 | 18 | 9 | 21.14 | 21.72 | <23.00 |
| | | 1 | 1 | 20.97 | 21.55 | <23.00 |
| | | 1 | 36 | 21.09 | 21.67 | <23.00 |
| | | 36 | 0 | 18.96 | 19.54 | <23.00 |
| | | 1 | 0 | 20.38 | 20.96 | <23.00 |
| | | 1 | 37 | 20.45 | 21.03 | <23.00 |
| Note: The EIRP (dBm/10MHz) = Output Power (dBm/10MHz) + Antenna Gain (dBi) | | | | | | |

| Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm/10MHz) | EIRP (dBm/ 10MHz) | Limit (dBm/ 10MHz) |
|---|---|---|---|---|---|---|
| DFT-s OFDM 64QAM | | | | | | |
| 3557.52 | 15 | 18 | 9 | 19.36 | 19.94 | <23.00 |
| | | 1 | 1 | 19.59 | 20.17 | <23.00 |
| | | 1 | 36 | 19.76 | 20.34 | <23.00 |
| | | 36 | 0 | 18.30 | 18.88 | <23.00 |
| | | 1 | 0 | 19.69 | 20.27 | <23.00 |
| | | 1 | 37 | 19.79 | 20.37 | <23.00 |
| 3624.99 | 15 | 18 | 9 | 19.30 | 19.88 | <23.00 |
| | | 1 | 1 | 19.28 | 19.86 | <23.00 |
| | | 1 | 36 | 19.17 | 19.75 | <23.00 |
| | | 36 | 0 | 18.20 | 18.78 | <23.00 |
| | | 1 | 0 | 19.26 | 19.84 | <23.00 |
| | | 1 | 37 | 19.18 | 19.76 | <23.00 |
| 3692.49 | 15 | 18 | 9 | 19.64 | 20.22 | <23.00 |
| | | 1 | 1 | 19.87 | 20.45 | <23.00 |
| | | 1 | 36 | 20.03 | 20.61 | <23.00 |
| | | 36 | 0 | 18.44 | 19.02 | <23.00 |
| | | 1 | 0 | 19.93 | 20.51 | <23.00 |
| | | 1 | 37 | 20.02 | 20.60 | <23.00 |
| Note: The EIRP (dBm/10MHz) = Output Power (dBm/10MHz) + Antenna Gain (dBi) | | | | | | |

| Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm/10MHz) | EIRP (dBm/ 10MHz) | Limit (dBm/ 10MHz) |
|---|---|---|---|---|---|---|
| DFT-s OFDM 256QAM | | | | | | |
| 3557.52 | 15 | 18 | 9 | 17.54 | 18.12 | <23.00 |
| | | 1 | 1 | 17.38 | 17.96 | <23.00 |
| | | 1 | 36 | 17.58 | 18.16 | <23.00 |
| | | 36 | 0 | 16.46 | 17.04 | <23.00 |
| | | 1 | 0 | 17.47 | 18.05 | <23.00 |
| | | 1 | 37 | 17.56 | 18.14 | <23.00 |
| 3624.99 | 15 | 18 | 9 | 17.30 | 17.88 | <23.00 |
| | | 1 | 1 | 17.44 | 18.02 | <23.00 |
| | | 1 | 36 | 16.92 | 17.50 | <23.00 |
| | | 36 | 0 | 16.12 | 16.70 | <23.00 |
| | | 1 | 0 | 16.95 | 17.53 | <23.00 |
| | | 1 | 37 | 16.91 | 17.49 | <23.00 |
| 3692.49 | 15 | 18 | 9 | 17.66 | 18.24 | <23.00 |
| | | 1 | 1 | 17.68 | 18.26 | <23.00 |
| | | 1 | 36 | 17.77 | 18.35 | <23.00 |
| | | 36 | 0 | 16.58 | 17.16 | <23.00 |
| | | 1 | 0 | 17.69 | 18.27 | <23.00 |
| | | 1 | 37 | 17.75 | 18.33 | <23.00 |
| Note: The EIRP (dBm/10MHz) = Output Power (dBm/10MHz) + Antenna Gain (dBi) | | | | | | |

| Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm/10MHz) | EIRP (dBm/ 10MHz) | Limit (dBm/ 10MHz) |
|---|---|---|---|---|---|---|
| CP OFDM QPSK | | | | | | |
| 3557.52 | 15 | 19 | 9 | 20.53 | 21.11 | <23.00 |
| | | 1 | 1 | 20.43 | 21.01 | <23.00 |
| | | 1 | 36 | 20.64 | 21.22 | <23.00 |
| | | 38 | 0 | 17.64 | 18.22 | <23.00 |
| | | 1 | 0 | 18.97 | 19.55 | <23.00 |
| | | 1 | 37 | 19.13 | 19.71 | <23.00 |
| 3624.99 | 15 | 19 | 9 | 20.43 | 21.01 | <23.00 |
| | | 1 | 1 | 20.68 | 21.26 | <23.00 |
| | | 1 | 36 | 20.80 | 21.38 | <23.00 |
| | | 38 | 0 | 17.44 | 18.02 | <23.00 |
| | | 1 | 0 | 19.32 | 19.90 | <23.00 |
| | | 1 | 37 | 19.34 | 19.92 | <23.00 |
| 3692.49 | 15 | 19 | 9 | 20.56 | 21.14 | <23.00 |
| | | 1 | 1 | 21.03 | 21.61 | <23.00 |
| | | 1 | 36 | 21.27 | 21.85 | <23.00 |
| | | 38 | 0 | 17.75 | 18.33 | <23.00 |
| | | 1 | 0 | 19.46 | 20.04 | <23.00 |
| | | 1 | 37 | 19.71 | 20.29 | <23.00 |
| Note: The EIRP (dBm/10MHz) = Output Power (dBm/10MHz) + Antenna Gain (dBi) | | | | | | |

| Test Site | WZ-SR6 | Test Engineer | Lucas Wang |
|---|---|---|---|
| Test Date | 2024-01-29 ~ 2024-01-30 | Test Band | n48_UL MIMO |

| Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm/10MHz) | | Total Power (dBm/ 10MHz) | EIRP (dBm/ 10MHz) | Limit (dBm/ 10MHz) |
|---|---|---|---|---|---|---|---|---|
| | | | | Port 0 | Port 3 | | | |
| CP OFDM QPSK | | | | | | | | |
| 3557.52 | 15 | 19 | 9 | 17.38 | 17.09 | 20.25 | 20.83 | <23.00 |
| | | 1 | 1 | 17.32 | 17.04 | 20.19 | 20.77 | <23.00 |
| | | 1 | 36 | 17.57 | 17.21 | 20.40 | 20.98 | <23.00 |
| | | 38 | 0 | 14.50 | 14.31 | 17.42 | 18.00 | <23.00 |
| | | 1 | 0 | 15.86 | 15.95 | 18.92 | 19.50 | <23.00 |
| | | 1 | 37 | 16.06 | 15.60 | 18.85 | 19.43 | <23.00 |
| 3624.99 | 15 | 19 | 9 | 17.37 | 17.57 | 20.48 | 21.06 | <23.00 |
| | | 1 | 1 | 17.63 | 17.63 | 20.64 | 21.22 | <23.00 |
| | | 1 | 36 | 17.76 | 17.60 | 20.69 | 21.27 | <23.00 |
| | | 38 | 0 | 14.45 | 14.66 | 17.57 | 18.15 | <23.00 |
| | | 1 | 0 | 16.21 | 16.18 | 19.21 | 19.79 | <23.00 |
| | | 1 | 37 | 16.04 | 16.30 | 19.18 | 19.76 | <23.00 |
| 3692.49 | 15 | 19 | 9 | 17.63 | 17.53 | 20.59 | 21.17 | <23.00 |
| | | 1 | 1 | 17.72 | 17.35 | 20.55 | 21.13 | <23.00 |
| | | 1 | 36 | 17.74 | 17.39 | 20.58 | 21.16 | <23.00 |
| | | 38 | 0 | 14.73 | 14.73 | 17.74 | 18.32 | <23.00 |
| | | 1 | 0 | 15.97 | 16.08 | 19.04 | 19.62 | <23.00 |
| | | 1 | 37 | 16.24 | 16.26 | 19.26 | 19.84 | <23.00 |

Note 1: Total Power (dBm) = 10*log{10^(Port 0 Output Power / 10) + 10^(Port 1 Output Power / 10)}

Note 2: The EIRP (dBm/10MHz) = Output Power (dBm/10MHz) + Antenna Gain (dBi)

| Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm/10MHz) | | Total Power (dBm/ 10MHz) | EIRP (dBm/ 10MHz) | Limit (dBm/ 10MHz) |
|---|---|---|---|---|---|---|---|---|
| | | | | Port 0 | Port 3 | | | |
| CP OFDM 16QAM | | | | | | | | |
| 3557.52 | 15 | 19 | 9 | 16.86 | 16.71 | 19.80 | 20.38 | <23.00 |
| | | 1 | 1 | 16.82 | 16.48 | 19.66 | 20.24 | <23.00 |
| | | 1 | 36 | 16.99 | 16.51 | 19.77 | 20.35 | <23.00 |
| | | 38 | 0 | 14.49 | 14.49 | 17.50 | 18.08 | <23.00 |
| | | 1 | 0 | 15.94 | 15.71 | 18.84 | 19.42 | <23.00 |
| | | 1 | 37 | 16.11 | 15.44 | 18.80 | 19.38 | <23.00 |
| 3624.99 | 15 | 19 | 9 | 16.92 | 16.97 | 19.96 | 20.54 | <23.00 |
| | | 1 | 1 | 16.73 | 16.99 | 19.87 | 20.45 | <23.00 |
| | | 1 | 36 | 16.65 | 16.83 | 19.75 | 20.33 | <23.00 |
| | | 38 | 0 | 14.55 | 14.64 | 17.61 | 18.19 | <23.00 |
| | | 1 | 0 | 15.76 | 16.09 | 18.94 | 19.52 | <23.00 |
| | | 1 | 37 | 15.54 | 15.94 | 18.75 | 19.33 | <23.00 |
| 3692.49 | 15 | 19 | 9 | 17.20 | 16.96 | 20.09 | 20.67 | <23.00 |
| | | 1 | 1 | 16.83 | 16.92 | 19.89 | 20.47 | <23.00 |
| | | 1 | 36 | 16.85 | 16.56 | 19.72 | 20.30 | <23.00 |
| | | 38 | 0 | 14.76 | 14.68 | 17.73 | 18.31 | <23.00 |
| | | 1 | 0 | 15.76 | 15.80 | 18.79 | 19.37 | <23.00 |
| | | 1 | 37 | 15.98 | 15.78 | 18.89 | 19.47 | <23.00 |

Note 1: Total Power (dBm) = 10*log{10^(Port 0 Output Power / 10) + 10^(Port 1 Output Power / 10)}

Note 2: The EIRP (dBm/10MHz) = Output Power (dBm/10MHz) + Antenna Gain (dBi)

| Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm/10MHz) | | Total Power (dBm/ 10MHz) | EIRP (dBm/ 10MHz) | Limit (dBm/ 10MHz) |
|---|---|---|---|---|---|---|---|---|
| | | | | Port 0 | Port 3 | | | |
| CP OFDM 64QAM | | | | | | | | |
| 3557.52 | 15 | 19 | 9 | 15.55 | 15.33 | 18.45 | 19.03 | <23.00 |
| | | 1 | 1 | 14.80 | 15.52 | 18.19 | 18.77 | <23.00 |
| | | 1 | 36 | 14.83 | 15.29 | 18.08 | 18.66 | <23.00 |
| | | 38 | 0 | 13.97 | 13.95 | 16.97 | 17.55 | <23.00 |
| | | 1 | 0 | 14.82 | 15.45 | 18.16 | 18.74 | <23.00 |
| | | 1 | 37 | 14.88 | 15.40 | 18.16 | 18.74 | <23.00 |
| 3624.99 | 15 | 19 | 9 | 15.42 | 15.43 | 18.44 | 19.02 | <23.00 |
| | | 1 | 1 | 15.39 | 15.73 | 18.57 | 19.15 | <23.00 |
| | | 1 | 36 | 15.33 | 15.52 | 18.44 | 19.02 | <23.00 |
| | | 38 | 0 | 14.03 | 14.14 | 17.10 | 17.68 | <23.00 |
| | | 1 | 0 | 15.44 | 16.00 | 18.74 | 19.32 | <23.00 |
| | | 1 | 37 | 15.29 | 15.75 | 18.54 | 19.12 | <23.00 |
| 3692.49 | 15 | 19 | 9 | 15.59 | 15.45 | 18.53 | 19.11 | <23.00 |
| | | 1 | 1 | 15.33 | 15.69 | 18.52 | 19.10 | <23.00 |
| | | 1 | 36 | 15.22 | 15.46 | 18.35 | 18.93 | <23.00 |
| | | 38 | 0 | 14.28 | 14.25 | 17.28 | 17.86 | <23.00 |
| | | 1 | 0 | 15.04 | 15.53 | 18.30 | 18.88 | <23.00 |
| | | 1 | 37 | 15.23 | 15.63 | 18.44 | 19.02 | <23.00 |

Note 1: Total Power (dBm) = 10*log{10^(Port 0 Output Power / 10) + 10^(Port 1 Output Power / 10)}

Note 2: The EIRP (dBm/10MHz) = Output Power (dBm/10MHz) + Antenna Gain (dBi)

| Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm/10MHz) | | Total Power (dBm/ 10MHz) | EIRP (dBm/ 10MHz) | Limit (dBm/ 10MHz) |
|---|---|---|---|---|---|---|---|---|
| | | | | Port 0 | Port 3 | | | |
| CP OFDM 256QAM | | | | | | | | |
| 3557.52 | 15 | 19 | 9 | 12.17 | 12.29 | 15.24 | 15.82 | <23.00 |
| | | 1 | 1 | 12.22 | 12.38 | 15.31 | 15.89 | <23.00 |
| | | 1 | 36 | 12.30 | 12.65 | 15.49 | 16.07 | <23.00 |
| | | 38 | 0 | 10.93 | 10.86 | 13.91 | 14.49 | <23.00 |
| | | 1 | 0 | 12.41 | 12.62 | 15.53 | 16.11 | <23.00 |
| | | 1 | 37 | 12.40 | 12.60 | 15.51 | 16.09 | <23.00 |
| 3624.99 | 15 | 19 | 9 | 12.30 | 12.50 | 15.41 | 15.99 | <23.00 |
| | | 1 | 1 | 12.16 | 12.65 | 15.42 | 16.00 | <23.00 |
| | | 1 | 36 | 12.25 | 12.79 | 15.54 | 16.12 | <23.00 |
| | | 38 | 0 | 10.99 | 11.04 | 14.03 | 14.61 | <23.00 |
| | | 1 | 0 | 12.37 | 12.80 | 15.60 | 16.18 | <23.00 |
| | | 1 | 37 | 12.18 | 13.08 | 15.66 | 16.24 | <23.00 |
| 3692.49 | 15 | 19 | 9 | 12.53 | 12.59 | 15.57 | 16.15 | <23.00 |
| | | 1 | 1 | 12.53 | 12.84 | 15.70 | 16.28 | <23.00 |
| | | 1 | 36 | 12.59 | 12.85 | 15.73 | 16.31 | <23.00 |
| | | 38 | 0 | 11.15 | 11.07 | 14.12 | 14.70 | <23.00 |
| | | 1 | 0 | 12.31 | 12.69 | 15.51 | 16.09 | <23.00 |
| | | 1 | 37 | 12.56 | 12.79 | 15.69 | 16.27 | <23.00 |

Note 1: Total Power (dBm) = 10*log{10^(Port 0 Output Power / 10) + 10^(Port 1 Output Power / 10)}

Note 2: The EIRP (dBm/10MHz) = Output Power (dBm/10MHz) + Antenna Gain (dBi)

| | | | |
|---|---|---|---|
| Test Site | WZ-SR6 | Test Engineer | Lucas Wang |
| Test Date | 2024-03-02 | Test Band | n48_SA |

| Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm) | EIRP (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| DFT-s OFDM PI/2 BPSK | | | | | | |
| 3557.52 | 15 | 36 | 0 | 21.92 | 22.50 | N/A |
| 3624.99 | 15 | 36 | 0 | 21.96 | 22.54 | N/A |
| 3692.49 | 15 | 36 | 0 | 22.01 | 22.59 | N/A |
| DFT-s OFDM QPSK | | | | | | |
| 3557.52 | 15 | 36 | 0 | 21.95 | 22.53 | N/A |
| 3624.99 | 15 | 36 | 0 | 21.93 | 22.51 | N/A |
| 3692.49 | 15 | 36 | 0 | 22.05 | 22.63 | N/A |
| DFT-s OFDM 16QAM | | | | | | |
| 3557.52 | 15 | 36 | 0 | 20.89 | 21.47 | N/A |
| 3624.99 | 15 | 36 | 0 | 20.88 | 21.46 | N/A |
| 3692.49 | 15 | 36 | 0 | 20.96 | 21.54 | N/A |
| DFT-s OFDM 64QAM | | | | | | |
| 3557.52 | 15 | 36 | 0 | 20.44 | 21.02 | N/A |
| 3624.99 | 15 | 36 | 0 | 20.44 | 21.02 | N/A |
| 3692.49 | 15 | 36 | 0 | 20.66 | 21.24 | N/A |
| DFT-s OFDM 256QAM | | | | | | |
| 3557.52 | 15 | 36 | 0 | 18.42 | 19.00 | N/A |
| 3624.99 | 15 | 36 | 0 | 18.32 | 18.90 | N/A |
| 3692.49 | 15 | 36 | 0 | 18.52 | 19.10 | N/A |
| CP OFDM QPSK | | | | | | |
| 3557.52 | 15 | 38 | 0 | 19.92 | 20.50 | N/A |
| 3624.99 | 15 | 38 | 0 | 19.88 | 20.46 | N/A |
| 3692.49 | 15 | 38 | 0 | 20.11 | 20.69 | N/A |
| Note: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi) | | | | | | |

| | | | |
|---|---|---|---|
| Test Site | WZ-SR6 | Test Engineer | Lucas Wang |
| Test Date | 2024-03-02 | Test Band | n48_UL MIMO |

| Frequency (MHz) | Channel Bandwidth (MHz) | RB Size | RB Offset | Output Power (dBm) | | Total Power (dBm) | EIRP (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| | | | | Port 0 | Port 3 | | | |
| CP OFDM QPSK | | | | | | | | |
| 3557.52 | 15 | 38 | 0 | 16.76 | 16.70 | 19.74 | 20.32 | N/A |
| 3624.99 | 15 | 38 | 0 | 16.81 | 16.63 | 19.73 | 20.31 | N/A |
| 3692.49 | 15 | 38 | 0 | 17.09 | 16.87 | 19.99 | 20.57 | N/A |
| CP OFDM 16QAM | | | | | | | | |
| 3557.52 | 15 | 38 | 0 | 16.78 | 16.69 | 19.75 | 20.33 | N/A |
| 3624.99 | 15 | 38 | 0 | 16.85 | 16.64 | 19.76 | 20.34 | N/A |
| 3692.49 | 15 | 38 | 0 | 17.13 | 16.93 | 20.04 | 20.62 | N/A |
| CP OFDM 64QAM | | | | | | | | |
| 3557.52 | 15 | 38 | 0 | 16.40 | 16.16 | 19.29 | 19.87 | N/A |
| 3624.99 | 15 | 38 | 0 | 16.38 | 16.23 | 19.32 | 19.90 | N/A |
| 3692.49 | 15 | 38 | 0 | 16.53 | 16.41 | 19.48 | 20.06 | N/A |
| CP OFDM 256QAM | | | | | | | | |
| 3557.52 | 15 | 38 | 0 | 13.29 | 13.24 | 16.28 | 16.86 | N/A |
| 3624.99 | 15 | 38 | 0 | 13.39 | 13.30 | 16.36 | 16.94 | N/A |
| 3692.49 | 15 | 38 | 0 | 13.51 | 13.39 | 16.46 | 17.04 | N/A |

Note 1: Total Power (dBm) = 10*log{10^(Port 0 Output Power / 10) + 10^(Port 3 Output Power / 10)}

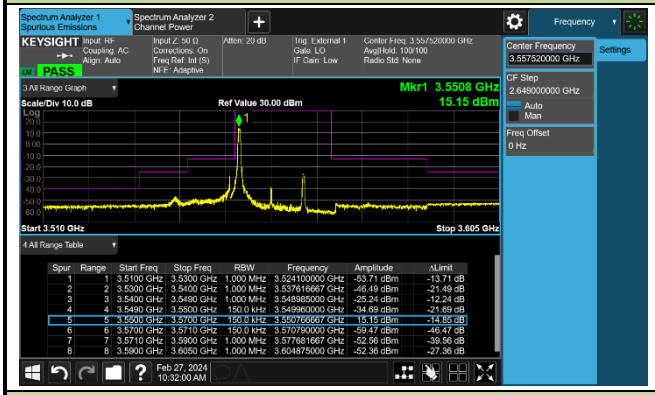
Note 2: The EIRP (dBm) = Output Power (dBm) + Antenna Gain (dBi)

## A.3 Band Edge Test Result

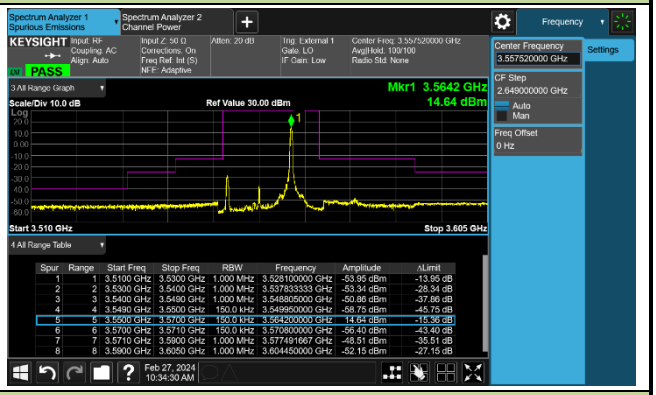
| | | | |
|---|---|---|---|
| Test Site | WZ-SR6 | Test Engineer | Lucas Wang |
| Test Date | 2024-02-27 | Test Band | n48_SA |

**15MHz Channel Bandwidth - 1RB**

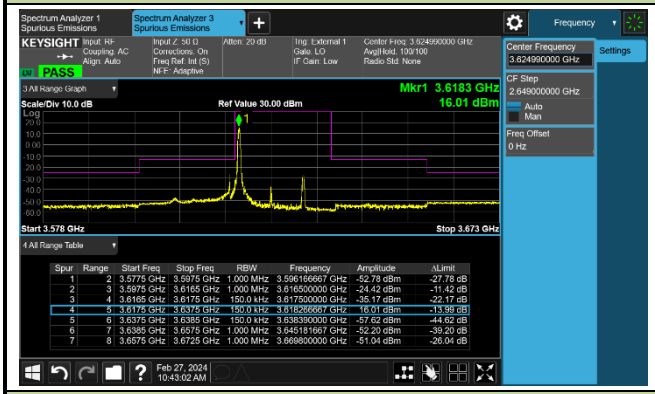
Low Channel ACP - Low RB Position



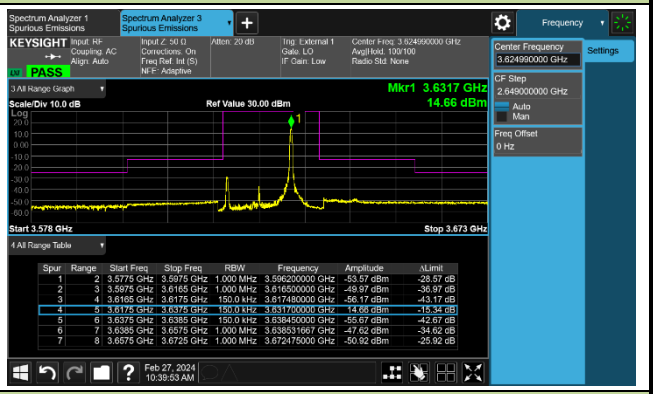

Low Channel ACP - High RB Position



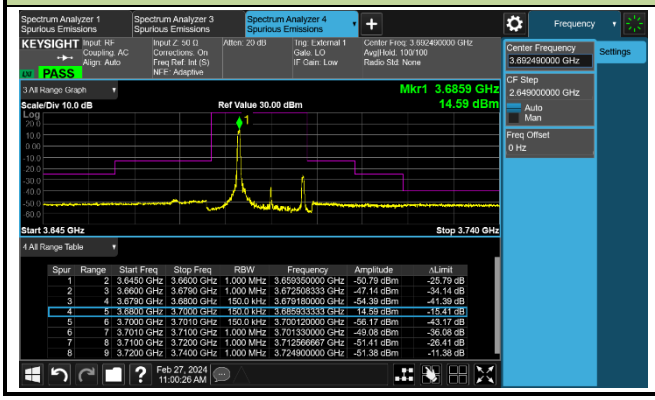

Middle Channel ACP - Low RB Position



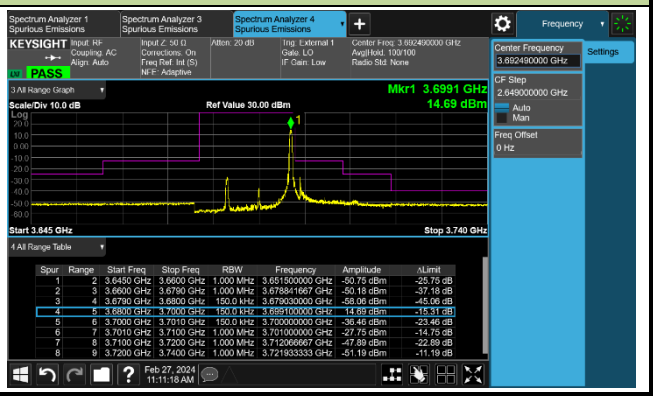

Middle Channel ACP - High RB Position




High Channel ACP - Low RB Position

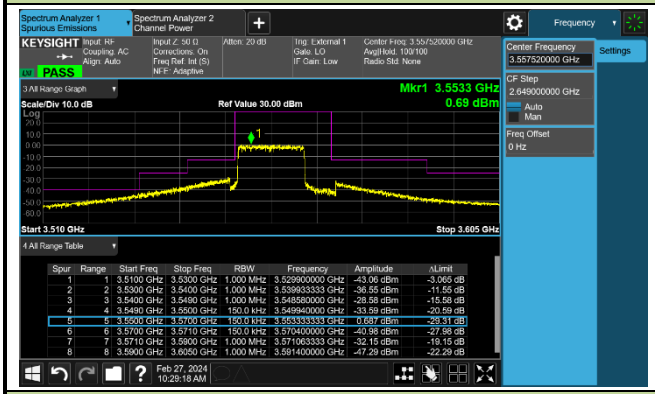



High Channel ACP - High RB Position

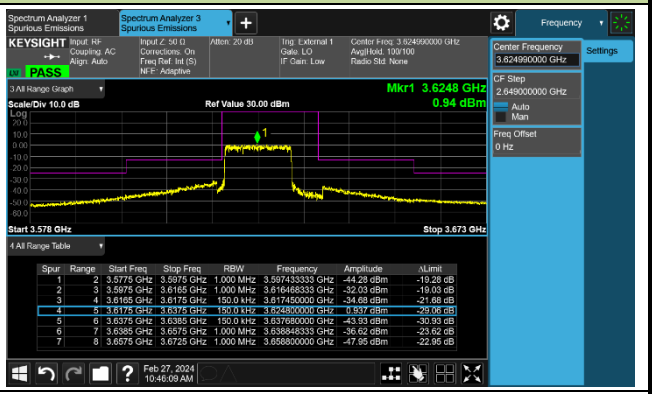


## 15MHz Channel Bandwidth – Full RB

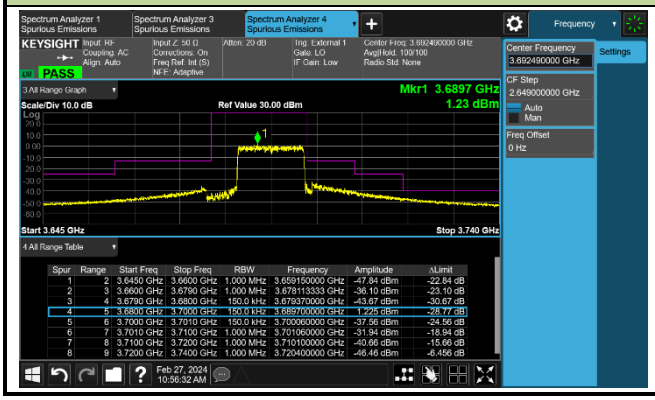
### Low Channel ACP




### Middle Channel ACP



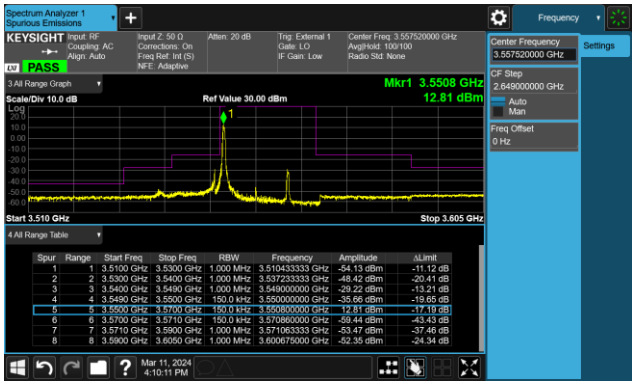

### High Channel ACP



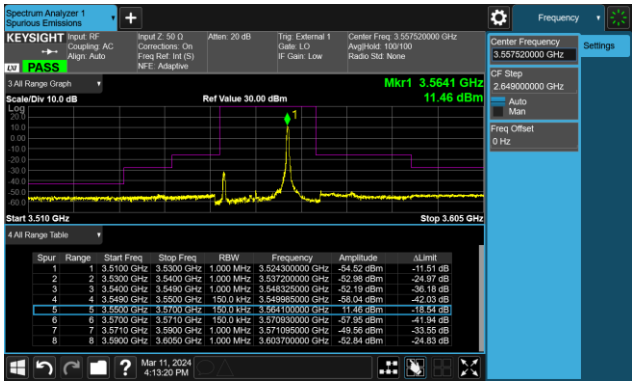
| | | | |
|---|---|---|---|
| Test Site | WZ-SR6 | Test Engineer | Lucas Wang |
| Test Date | 2024-03-11 | Test Band | n48_UL MIMO (Port 0) |

## 15MHz Channel Bandwidth - 1RB

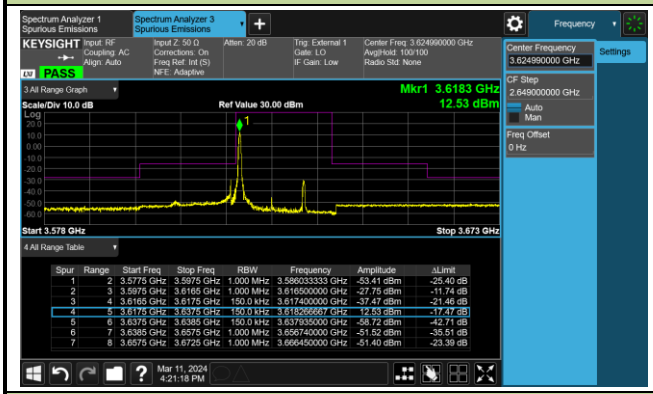
### Low Channel ACP - Low RB Position



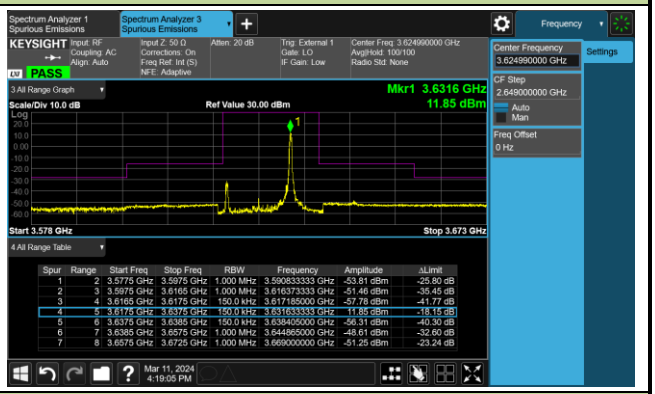

### Low Channel ACP - High RB Position



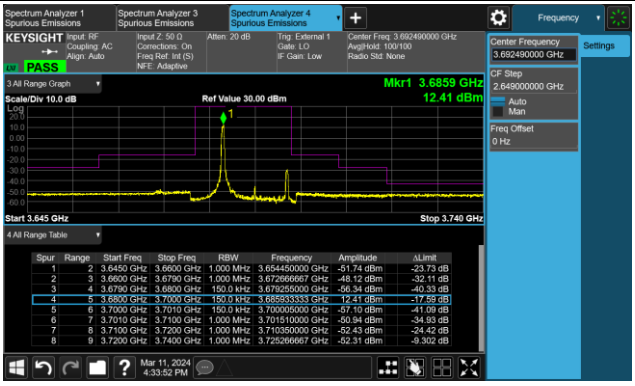

### Middle Channel ACP - Low RB Position



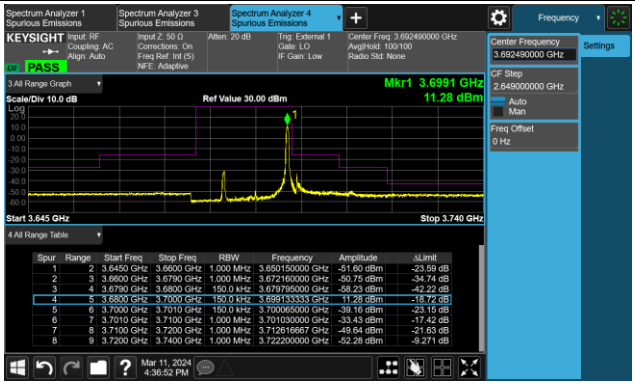

### Middle Channel ACP - High RB Position




### High Channel ACP - Low RB Position

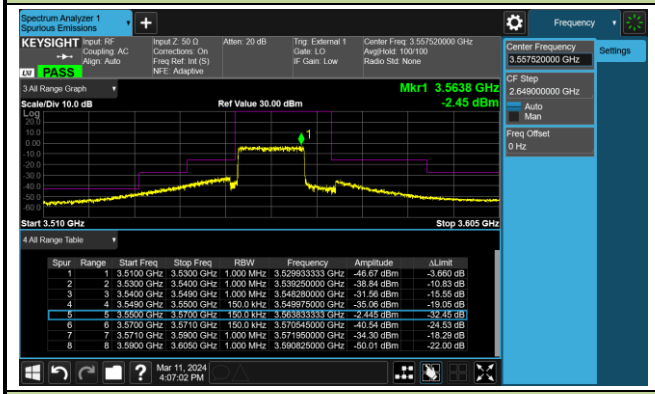



### High Channel ACP - High RB Position

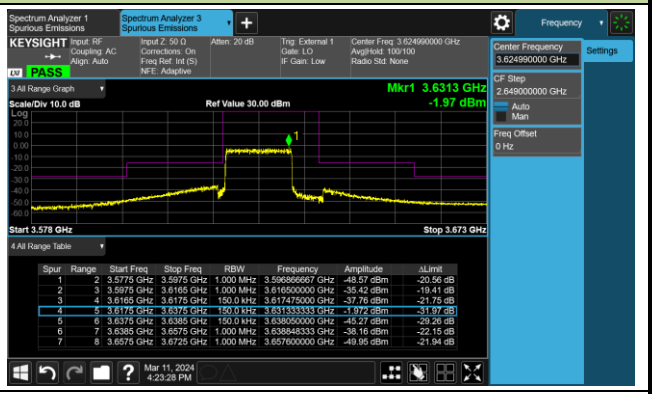


## 15MHz Channel Bandwidth – Full RB

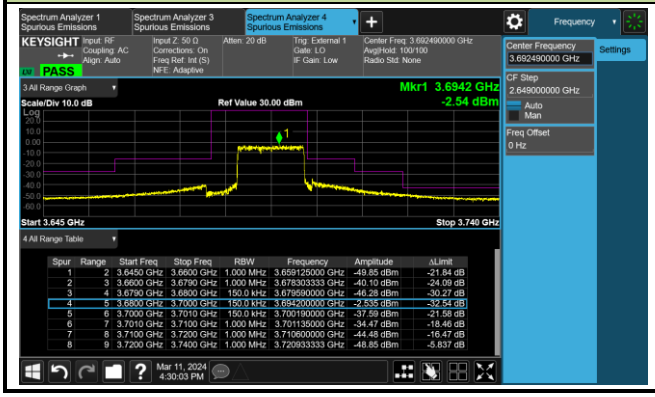
### Low Channel ACP




### Middle Channel ACP



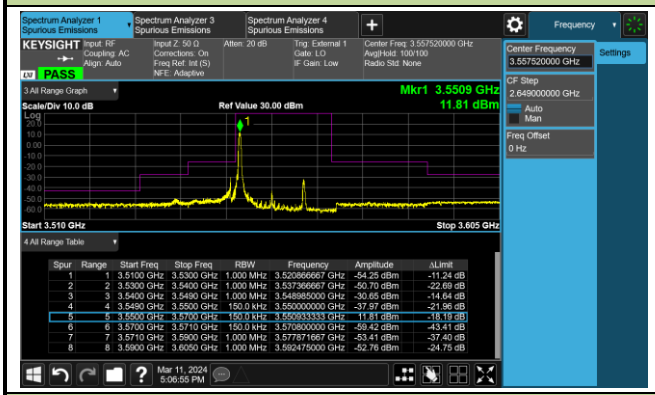

### High Channel ACP



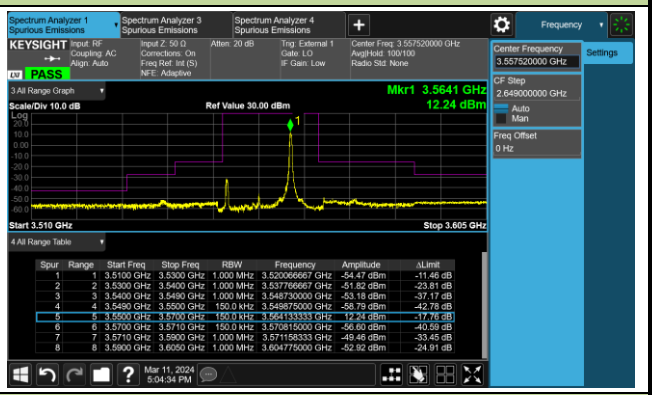
| Test Site | WZ-SR6 | Test Engineer | Lucas Wang |
|---|---|---|---|
| Test Date | 2024-03-11 | Test Band | n48_UL MIMO (Port 3) |

## 15MHz Channel Bandwidth - 1RB

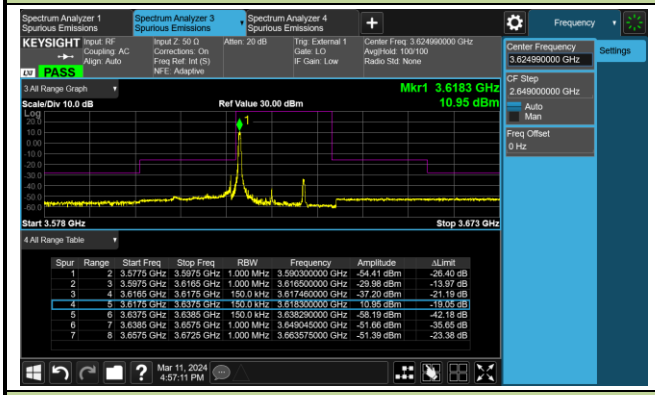
### Low Channel ACP - Low RB Position



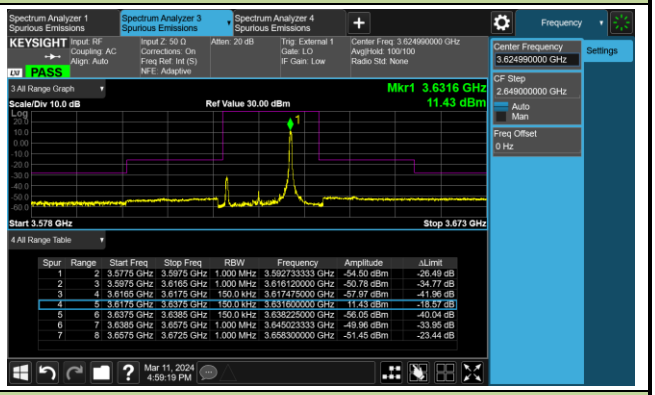

### Low Channel ACP - High RB Position



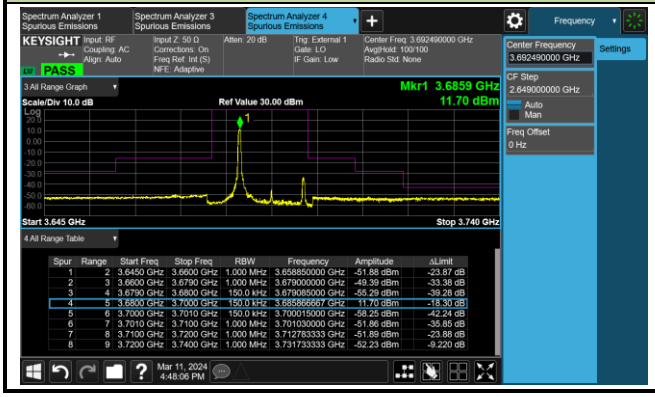

### Middle Channel ACP - Low RB Position



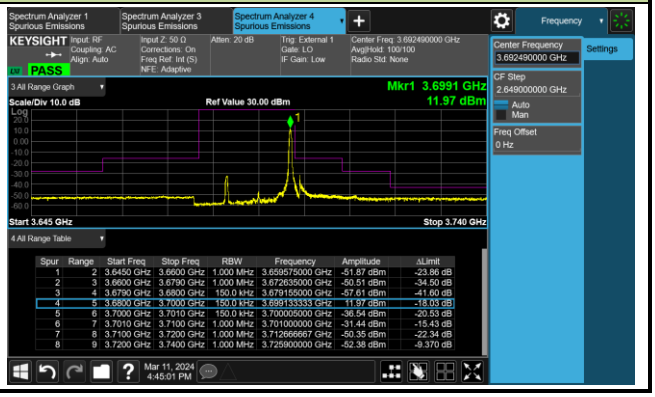

### Middle Channel ACP - High RB Position




### High Channel ACP - Low RB Position

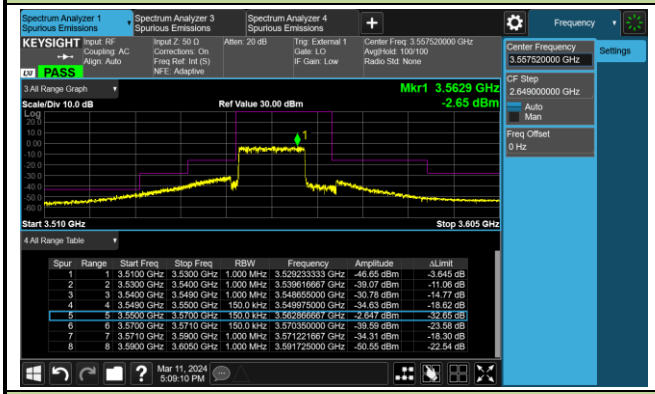



### High Channel ACP - High RB Position

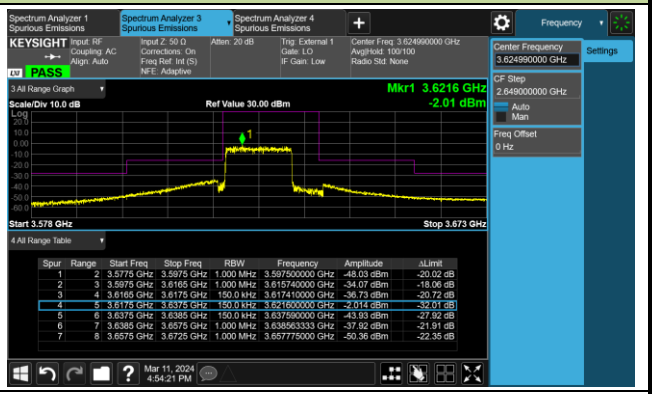


## 15MHz Channel Bandwidth – Full RB

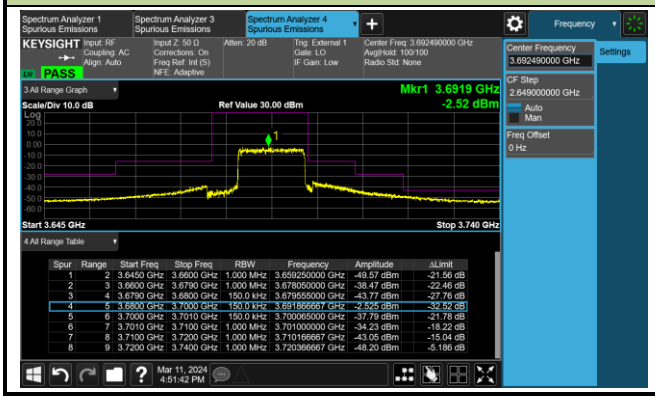
### Low Channel ACP




### Middle Channel ACP




### High Channel ACP



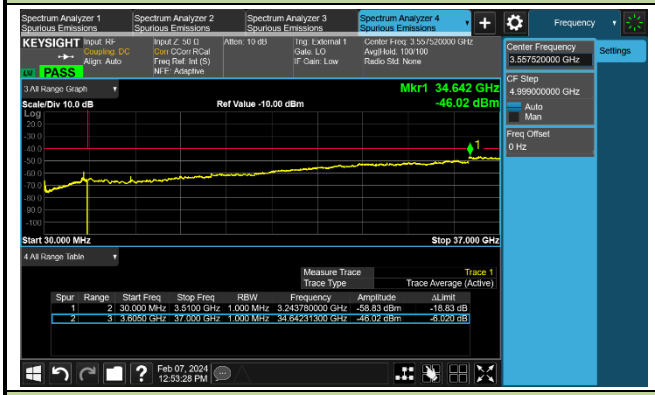
## A.4 Conducted Spurious Emissions Test Result

| | | | |
|---|---|---|---|
| Test Site | WZ-SR6 | Test Engineer | Lucas Wang |
| Test Date | 2024-02-07 | Test Band | n48_SA |

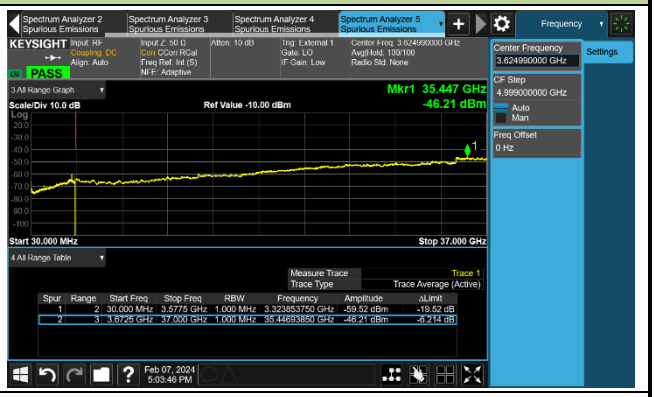
| Frequency (MHz) | Channel Bandwidth (MHz) | Frequency Range (MHz) | Max Spurious Emissions (dBm/MHz) | Limit (dBm/MHz) | Result |
|---|---|---|---|---|---|
| QPSK | | | | | |
| 3557.52 | 15 | 30 ~ 38000 | -46.02 | ≤ -40.00 | Pass |
| 3624.99 | 15 | 30 ~ 38000 | -46.21 | ≤ -40.00 | Pass |
| 3692.49 | 15 | 30 ~ 38000 | -45.98 | ≤ -40.00 | Pass |

15MHz Channel Bandwidth

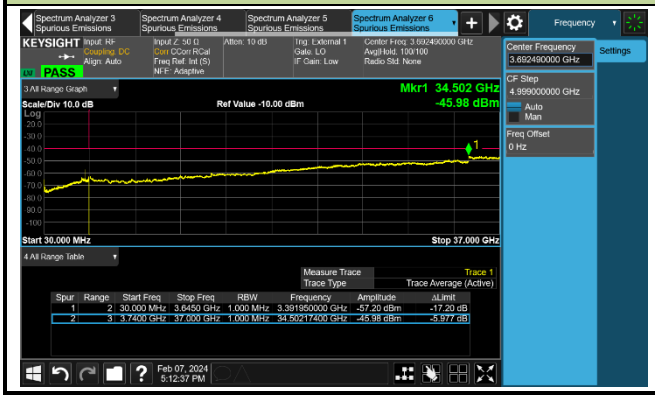
Low Channel




Middle Channel




High Channel

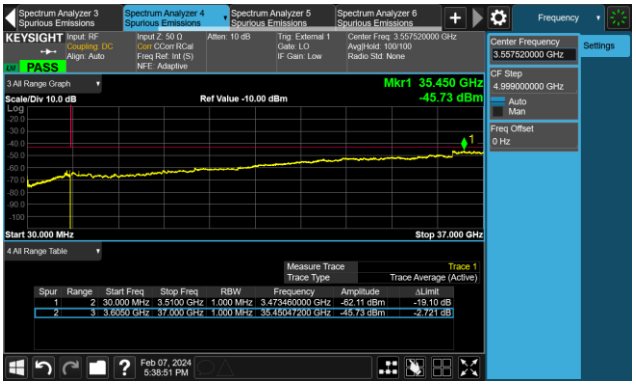


| | | | |
|---|---|---|---|
| Test Site | WZ-SR6 | Test Engineer | Lucas Wang |
| Test Date | 2024-02-07 | Test Band | n48_UL MIMO (Port 0) |

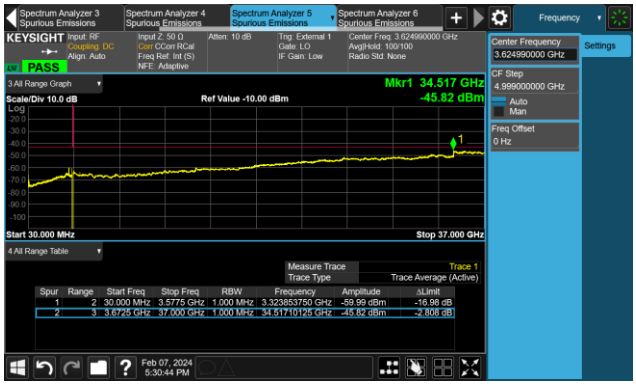
| Frequency (MHz) | Channel Bandwidth (MHz) | Frequency Range (MHz) | Max Spurious Emissions (dBm/MHz) | Limit (dBm/MHz) | Result |
|---|---|---|---|---|---|
| QPSK | | | | | |
| 3557.52 | 15 | 30 ~ 38000 | -45.73 | ≤ -40.00 | Pass |
| 3624.99 | 15 | 30 ~ 38000 | -45.82 | ≤ -40.00 | Pass |
| 3692.49 | 15 | 30 ~ 38000 | -45.70 | ≤ -40.00 | Pass |

15MHz Channel Bandwidth

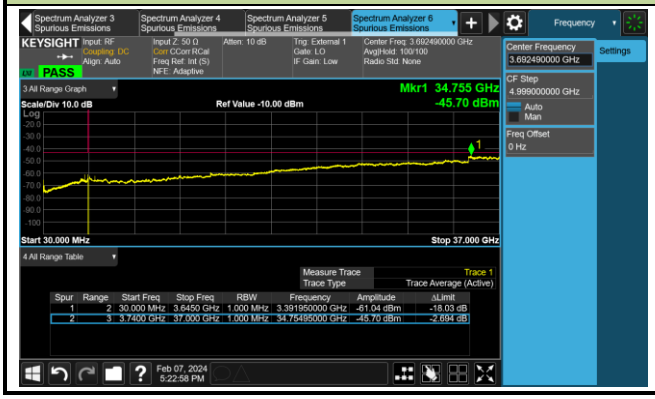
Low Channel




Middle Channel




High Channel

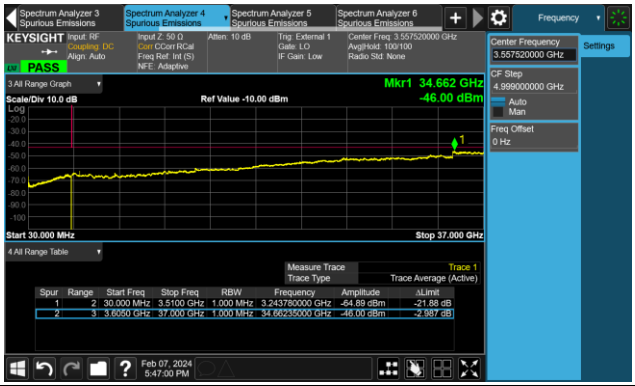


| | | | |
|---|---|---|---|
| Test Site | WZ-SR6 | Test Engineer | Lucas Wang |
| Test Date | 2024-02-07 | Test Band | n48_UL MIMO (Port 3) |

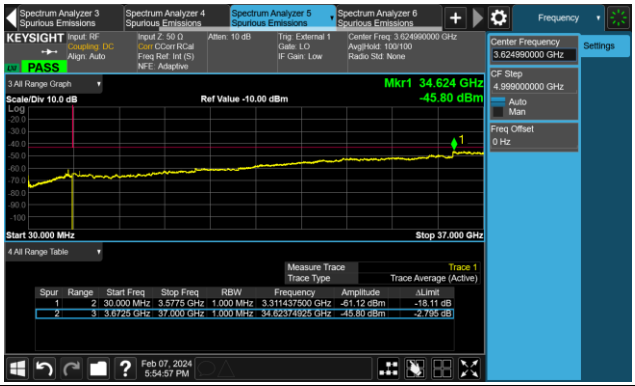
| Frequency (MHz) | Channel Bandwidth (MHz) | Frequency Range (MHz) | Max Spurious Emissions (dBm/MHz) | Limit (dBm/MHz) | Result |
|---|---|---|---|---|---|
| QPSK | | | | | |
| 3557.52 | 15 | 30 ~ 38000 | -46.00 | ≤ -40.00 | Pass |
| 3624.99 | 15 | 30 ~ 38000 | -45.80 | ≤ -40.00 | Pass |
| 3692.49 | 15 | 30 ~ 38000 | -45.65 | ≤ -40.00 | Pass |

15MHz Channel Bandwidth

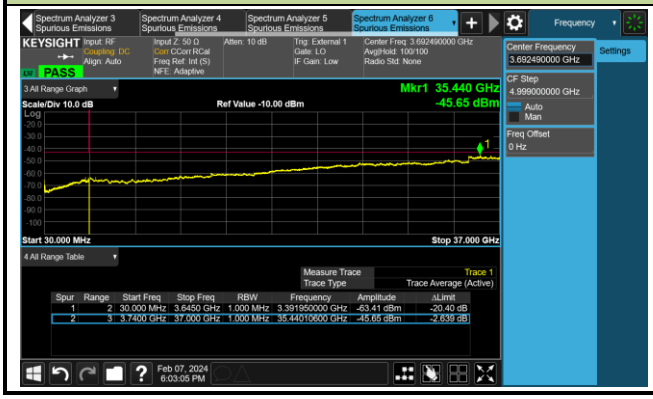
Low Channel




Middle Channel




High Channel



## Appendix B - Test Setup Photograph

Refer to “2401RSU047-UT” file.

## Appendix C - EUT Photograph

Refer to “2401RSU047-UE” file.

The End