
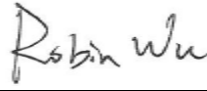


MEASUREMENT REPORT

FCC PART 2 & 22 & 24 & 27

FCC ID: XMR2020RM502QAE
Application: Quectel Wireless Solutions Company Limited
Application Type: Certification
Product: 5G Sub-6 GHz M.2 Module
Model No.: RM502Q-AE
Brand Name: Quectel
FCC Rule Part(s): Part 2, 22 (H), 24 (E), 27
Test Procedure(s): ANSI C63.26: 2015
Test Date: October 08 ~ November 11, 2020

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 |
|---------------|---------|----------------|------------|-------|
| 2010RSU005-U7 | Rev. 01 | Initial Report | 11-16-2020 | Valid |
| | | | | |

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2. PRODUCT INFORMATION

2.1. Equipment Description

| | |
|------------------------|---|
| Product Name: | 5G Sub-6 GHz M.2 Module |
| Model No.: | RM502Q-AE |
| Brand Name: | Quectel |
| IMEI: | Conducted Measurement: 867826050002666 Radiated Measurement: 867826050003060 |
| Operating Temperature: | -20 ~ 60 °C |
| Power Type: | 3.135 ~ 4.4Vdc, typical 3.7Vdc |
| UMTS Specification | |
| Single Band: | Band 2, 4, 5 |
| Modulation: | UL up to 16QAM, DL up to 64QAM |
| Category: | Category 6 |
| E-UTRA Specification | |
| Single Band: | Band 2, 4, 5, 7, 12, 13, 14, 17, 25, 26, 30, 38, 41, 48, 66, 71 |
| Intra-Band: | CA_2C, CA_5B, CA_7C, CA_38C, CA_41C, CA_66C |
| Modulation: | UL & DL up to 256QAM |
| Category: | Category 18 |
| 5G NR Specification | |
| SA Band: | n2, n5, n7, n12, n25, n41, n66, n71, n77 |
| SA UL MIMO Band: | n41 |
| EN-DC Band: | DC_5A_n2A, DC_12A_n2, DC_13A_n2A, DC_2A_n5A DC_30A_n5A, DC_66A_n5A, DC_5A_n7A, DC_12A_n7A DC_2A_n12A, DC_12A_n25A, DC_2A_n41A, DC_25A_n41A DC_26A_n41A, DC_66A_n41A, DC_5A_n66A, DC_12A_n66A DC_13A_n66A, DC_14A_n66A, DC_71A_n66A, DC_2A_n71A DC_7A_n71A, DC_66A_n71A |
| HPUE Band: | n41, n77 (SA & UL MIMO) |
| SCS for NR cell: | FDD Band: 15kHz; TDD Band: 30kHz |
| Modulation: | UL & DL up to 256QAM |

2.2. Product Specification Subjective to this Report

| | |
|---------------------------------|--|
| T _x Frequency Range: | Band II: 1850 ~ 1910MHz, Band IV: 1710 ~ 1755MHz Band V: 824 ~ 849MHz |
| R _x Frequency Range: | Band II: 1930 ~ 1990MHz, Band IV: 2110 ~ 2155MHz Band V: 869 ~ 894MHz |

Note 1: For other features of this EUT, test report will be issued separately.

Note 2: The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

2.3. Description of Available Antennas

| Technology | Frequency Range (MHz) | Antenna Type | Max Peak Gain (dBi) |
|---------------|-----------------------|--------------|---------------------|
| WCDMA Band II | 1850 ~ 1910 | Dipole | 0.25 |
| WCDMA Band IV | 1710 ~ 1755 | | 1.47 |
| WCDMA Band V | 824 ~ 849 | | 2.68 |

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

2.4. 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 22, Part 24, 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

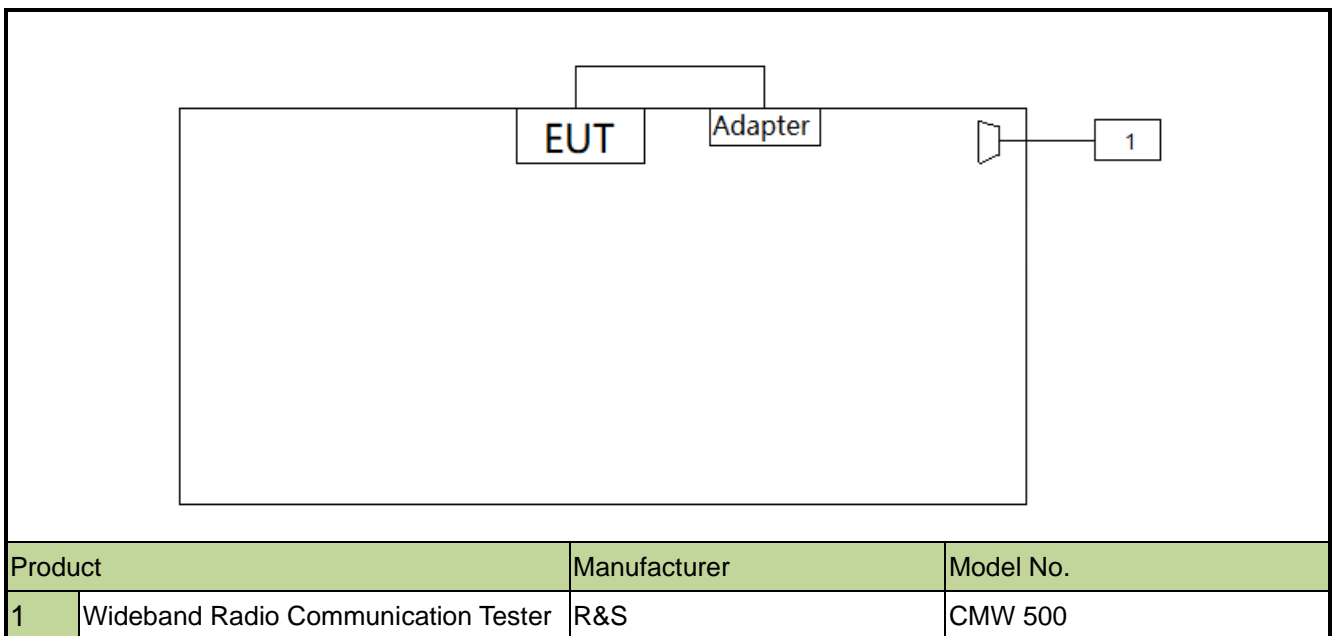
2.5. EMI Suppression Device(s)/Modifications

No EMI suppression device(s) were added and/or no modifications were made during testing.

2.6. Maximum Power, Frequency Tolerance, and Emission Designator

| FCC Rule | System | Modulation | Maximum Power (W) | Frequency Tolerance (ppm) | Emission Designator |
|----------|-------------------------------|------------|-------------------|---------------------------|---------------------|
| Part 24 | WCDMA Band II RMC 12.2Kbps | BPSK | 0.1950 | 0.0068 | 4M15F9W |
| Part 27 | WCDMA Band IV RMC 12.2Kbps | BPSK | 0.1936 | 0.0074 | 4M15F9W |
| Part 22 | WCDMA Band V RMC 12.2Kbps | BPSK | 0.1820 | 0.0018 | 4M15F9W |

2.7. Configuration of Tested System



2.8. Test Environment Condition

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

3. TEST EQUIPMENT CALIBRATION DATE

Radiated Emission (WZ-AC1)

| Instrument | Manufacturer | Type No. | Asset No. | Cali. Interval | Cali. Due Date |
|-------------------------------------|--------------|-------------|-------------|----------------|----------------|
| EMI Test Receiver | R&S | ESR7 | MRTSUE06001 | 1 year | 2021/08/01 |
| Wideband Radio Communication Tester | R&S | CMW 500 | MRTSUE06243 | 1 year | 2021/11/07 |
| UXM 5G Wireless Test Platform | Keysight | E7515B | MRTSUE06869 | 1 year | 2021/05/25 |
| PXA Signal Analyzer | Keysight | 9030B | MRTSUE06395 | 1 year | 2021/09/03 |
| Loop Antenna | Schwarzbeck | FMZB 1519 | MRTSUE06025 | 1 year | 2021/11/10 |
| Bilog Period Antenna | Schwarzbeck | VULB 9168 | MRTSUE06172 | 1 year | 2021/03/31 |
| Broad Band Horn Antenna | Schwarzbeck | BBHA 9120D | MRTSUE06023 | 1 year | 2021/10/13 |
| Broad Band Horn Antenna | Schwarzbeck | BBHA 9170 | MRTSUE06597 | 1 year | 2021/02/23 |
| Microwave System Amplifier | Agilent | 83017A | MRTSUE06076 | 1 year | 2021/11/15 |
| Preamplifier | Schwarzbeck | BBV 9721 | MRTSUE06121 | 1 year | 2021/06/11 |
| Thermohygrometer | Testo | 608-H1 | MRTSUE06403 | 1 year | 2021/08/08 |
| Anechoic Chamber | TDK | Chamber-AC1 | MRTSUE06212 | 1 year | 2021/04/30 |

Radiated Emission (WZ-AC2)

| Instrument | Manufacturer | Type No. | Asset No. | Cali. Interval | Cali. Due Date |
|-------------------------------------|--------------|-------------|-------------|----------------|----------------|
| Spectrum Analyzer | Keysight | N9038A | MRTSUE06125 | 1 year | 2021/08/01 |
| Wideband Radio Communication Tester | R&S | CMW 500 | MRTSUE06243 | 1 year | 2021/11/07 |
| UXM 5G Wireless Test Platform | Keysight | E7515B | MRTSUE06869 | 1 year | 2021/05/25 |
| Loop Antenna | Schwarzbeck | FMZB 1519 | MRTSUE06025 | 1 year | 2021/11/10 |
| Bilog Period Antenna | Schwarzbeck | VULB 9162 | MRTSUE06022 | 1 year | 2021/10/13 |
| Horn Antenna | Schwarzbeck | BBHA9120D | MRTSUE06171 | 1 year | 2021/10/27 |
| Broad Band Horn Antenna | Schwarzbeck | BBHA 9170 | MRTSUE06597 | 1 year | 2021/02/23 |
| Broad Band Coaxial Preamplifier | Schwarzbeck | BBV 9718 | MRTSUE06176 | 1 year | 2021/11/15 |
| Preamplifier | Schwarzbeck | BBV 9721 | MRTSUE06121 | 1 year | 2021/06/11 |
| Temperature/Humidity Meter | Minggao | ETH529 | MRTSUE06170 | 1 year | 2020/12/15 |
| Anechoic Chamber | RIKEN | Chamber-AC2 | MRTSUE06213 | 1 year | 2021/04/30 |

Conducted Test Equipment (WZ)

| Instrument | Manufacturer | Type No. | Asset No. | Cali. Interval | Cali. Due Date |
|--|--------------|-----------|-------------|----------------|----------------|
| EXA Signal Analyzer | Agilent | N9020A | MRTSUE06106 | 1 year | 2021/04/15 |
| EXA Signal Analyzer | Keysight | N9010B | MRTSUE06452 | 1 year | 2021/07/11 |
| Signal Analyzer | R&S | FSV40 | MRTSUE06218 | 1 year | 2021/04/15 |
| Wideband Radio Communication Tester | R&S | CMW 500 | MRTSUE06243 | 1 year | 2021/11/07 |
| UXM 5G Wireless Test Platform | Keysight | E7515B | MRTSUE06869 | 1 year | 2021/05/25 |
| Power Meter | Agilent | U2021XA | MRTSUE06030 | 1 year | 2020/11/18 |
| DC Power Supply | GWINSTEK | DPS-3303C | MRTSUE06064 | N/A | N/A |
| True RMS Clamp Meter | Fluke | 319 | MRTSUE06080 | 1 year | 2021/05/06 |
| Directional Coupler | Agilent | 87301D | MRTSUE06082 | 1 year | 2021/03/25 |
| Dual Directional Coupler | Agilent | 7778D | MRTSUE06083 | 1 year | 2021/03/25 |
| Attenuator | MVE | 6dB | MRTSUE06534 | 1 year | 2020/12/12 |
| Attenuator | MVE | 10dB | MRTSUE06543 | 1 year | 2020/12/12 |
| Temperature & Humidity Chamber | BAOYT | BYH-150CL | MRTSUE06051 | 1 year | 2021/11/07 |
| Thermohygrometer | testo | 608-H1 | MRTSUE06401 | 1 year | 2021/08/08 |

| Software | Version | Function |
|--------------|---------|-------------------|
| EMI Software | V3 | EMI Test Software |

4. MEASUREMENT UNCERTAINTY

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

| |
|--|
| Radiated Spurious Emissions |
| Measurement Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): Horizontal: 9kHz ~ 300MHz: 5.04dB 300MHz ~ 1GHz: 4.95dB 1GHz ~ 40GHz: 6.40dB Vertical: 9kHz ~ 300MHz: 5.24dB 300MHz ~ 1GHz: 6.03dB 1GHz ~ 40GHz: 6.40dB |
| Conducted Spurious Emissions |
| Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 0.78dB |
| Output Power |
| Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 1.13dB |
| Occupied Bandwidth |
| Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 0.28% |
| Frequency Stability |
| Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 76.2Hz |

5. TEST RESULT

5.1. Summary

| FCC Part Section(s) | Test Description | Test Limit | Test Condition | Test Result | Reference |
|--|-------------------------------------|--|----------------|-------------|------------------|
| 2.1049 | Occupied Bandwidth | N/A | Conducted | Pass | Section 5.2 |
| 2.1055, 22.355 24.235, 27.54 | Frequency Stability | < 2.5 ppm | | Pass | Section 5.3 |
| 22.913(a)(5) | Equivalent Radiated Power | < 7 Watts Max ERP | | Pass | Section 5.4 |
| 27.50(d)(4) | Equivalent Isotropic Radiated Power | < 1 Watts Max EIRP | | | |
| 24.232(c) | Equivalent Isotropic Radiated Power | < 2 Watts Max EIRP | | Pass | Section 5.5, 5.7 |
| 2.1051, 22.917(a) 24.238(a), 27.53(h) | Band Edge | < 43 + 10log ₁₀ (P _[Watts]) | | | |
| 2.1051, 22.917(a) 24.238(a), 27.53(h) | Spurious Emission | < 43 + 10log ₁₀ (P _[Watts]) | | | |
| 24.232(d) 27.50(d)(5) | Peak to Average Ratio | < 13dB | | | |
| 2.1053, 22.917(a) 24.238(a), 27.53(h) | Spurious Emissions | < 43 + 10log ₁₀ (P _[Watts]) | Radiated | Pass | Section 5.8 |

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 Frequency Stability, Channel Band Edge, Radiated & Conducted Spurious Emission were presented worst-case in the test report.

5.2. Occupied Bandwidth

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.

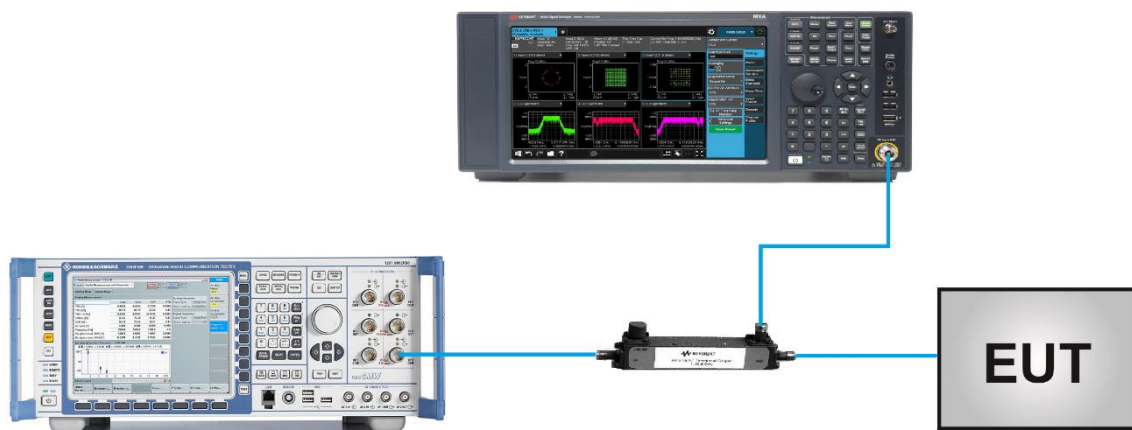
5.2.2. Test Procedure

ANSI C63.26-2015 - Section 5.4

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 $\geq 3 \times$ 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.

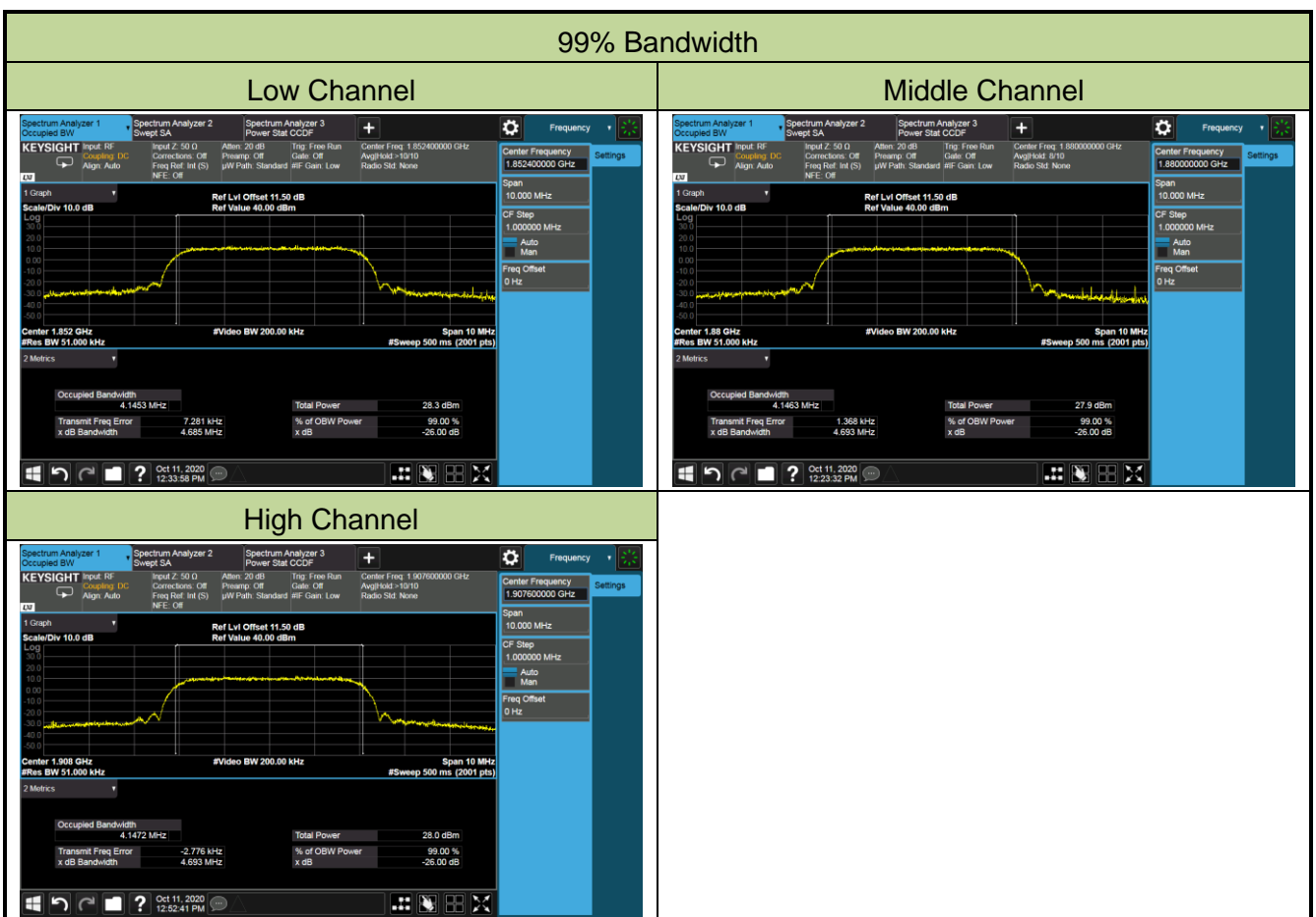
5.2.4. Test Setup



5.2.5. Test Result

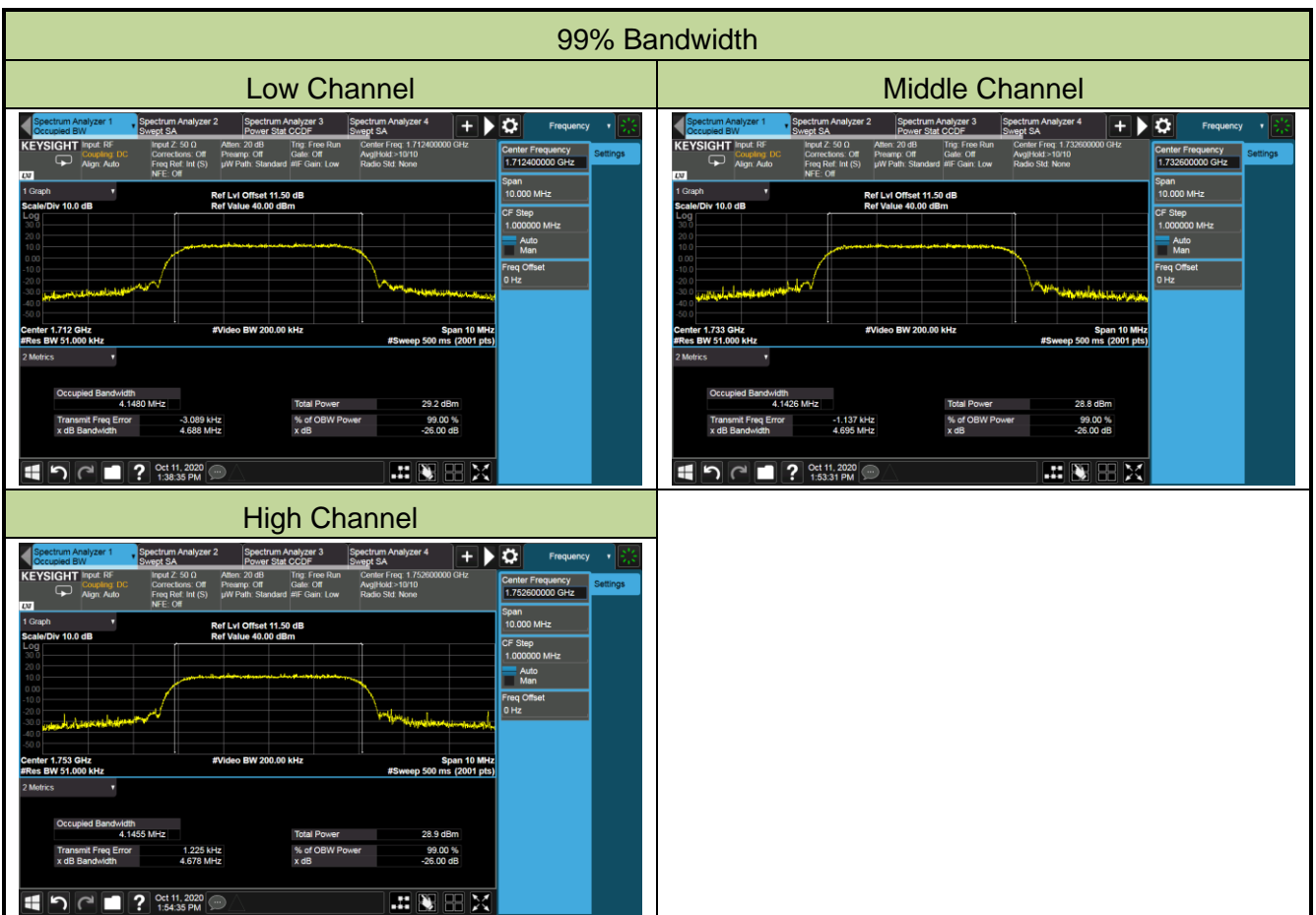
| | | | |
|---------------|-------------------------|-----------|------------|
| Product | 5G Sub-6 GHz M.2 Module | Test Site | WZ-SR6 |
| Test Engineer | Candy Luo | Test Date | 2020/10/11 |
| Test Band | WCDMA Band II | | |

| Channel | Frequency (MHz) | 99% Bandwidth (MHz) |
|---------|-----------------|---------------------|
| Low | 1852.4 | 4.15 |
| Middle | 1880.0 | 4.15 |
| High | 1907.6 | 4.15 |



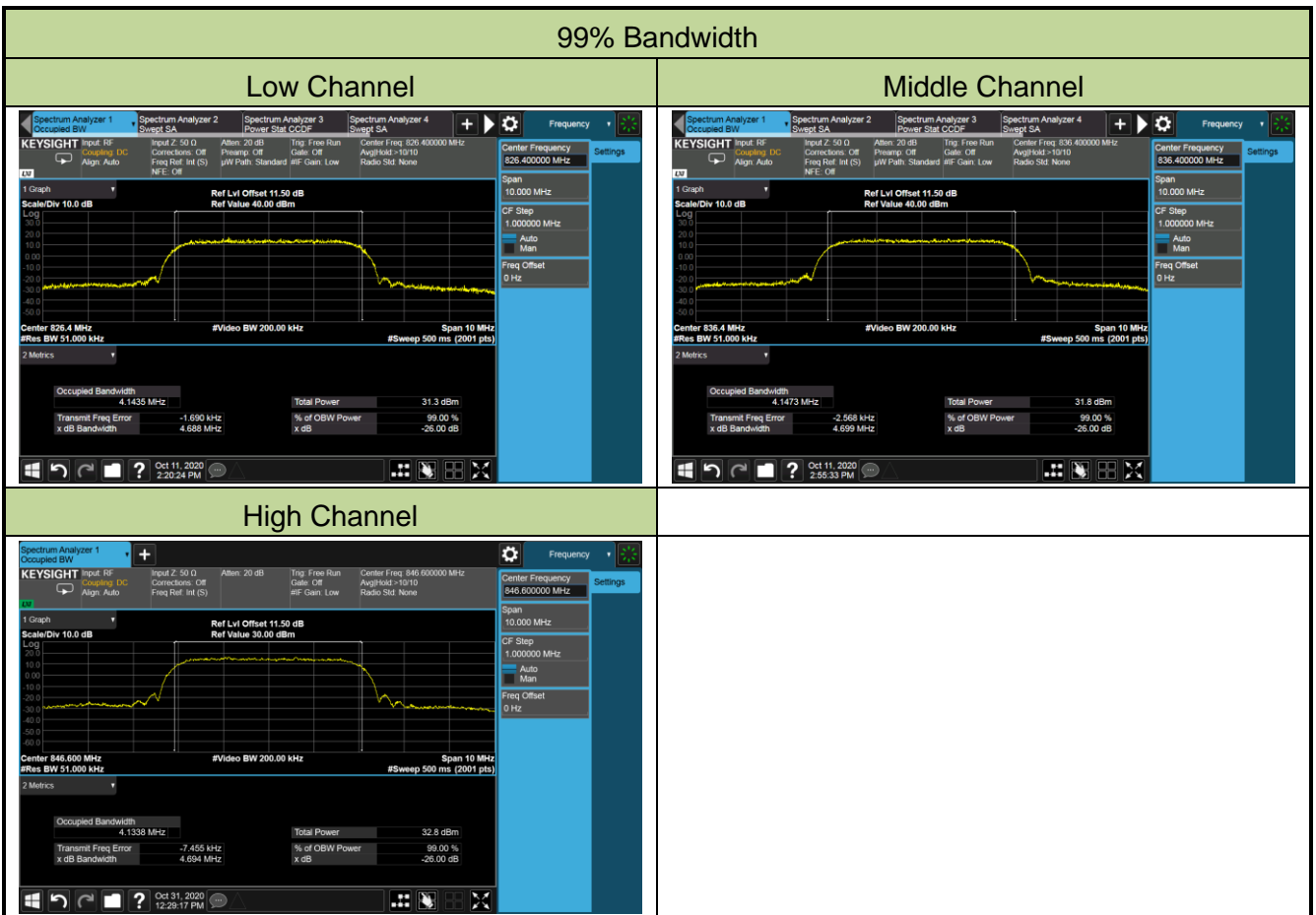
| | | | |
|---------------|-------------------------|-----------|------------|
| Product | 5G Sub-6 GHz M.2 Module | Test Site | WZ-SR6 |
| Test Engineer | Candy Luo | Test Date | 2020/10/11 |
| Test Band | WCDMA Band V | | |

| Channel | Frequency (MHz) | 99% Bandwidth (MHz) |
|---------|-----------------|---------------------|
| Low | 1712.4 | 4.15 |
| Middle | 1732.4 | 4.14 |
| High | 1752.6 | 4.15 |



| | | | |
|---------------|-------------------------|-----------|------------|
| Product | 5G Sub-6 GHz M.2 Module | Test Site | WZ-SR6 |
| Test Engineer | Candy Luo | Test Date | 2020/10/11 |
| Test Band | WCDMA Band V | | |

| Channel | Frequency (MHz) | 99% Bandwidth (MHz) |
|---------|-----------------|---------------------|
| Low | 826.4 | 4.14 |
| Middle | 836.4 | 4.15 |
| High | 846.6 | 4.13 |



5.3. Frequency Stability Measurement

5.3.1. Test Limit

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) of the center frequency.

5.3.2. Test Procedures Used

ANSI C63.26-2015 - Section 5.6

5.3.3. Test Setting

Frequency Stability Under Temperature Variations:

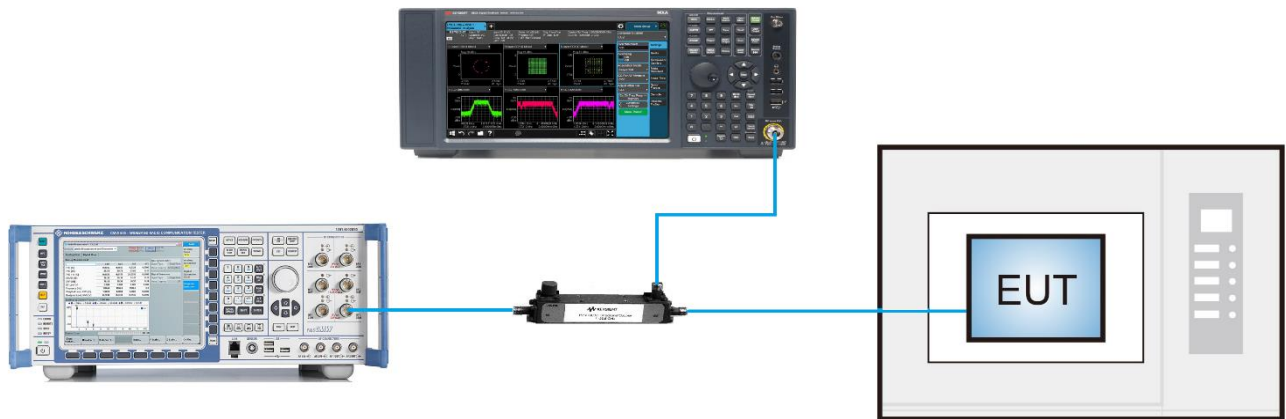
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to High. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C decreased per stage until the Low temperature reached.

Frequency Stability Under Voltage Variations:

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation ($\pm 15\%$) and endpoint, record the maximum frequency change.

5.3.4. Test Setup



5.3.5.Test Result

| | | | |
|---------------|-------------------------|-----------|------------|
| Product | 5G Sub-6 GHz M.2 Module | Test Site | WZ-TR3 |
| Test Engineer | Candy Luo | Test Date | 2020/10/14 |
| Test Band | WCDMA Band II | | |

| Power (Vdc) | Temp. (°C) | Frequency Tolerance (ppm) |
|-------------|------------|---------------------------|
| 3.7 | - 30 | 0.0067 |
| | - 20 | 0.0068 |
| | - 10 | 0.0067 |
| | 0 | 0.0066 |
| | + 10 | 0.0063 |
| | + 20 (Ref) | 0.0051 |
| | + 30 | 0.0056 |
| | + 40 | 0.0055 |
| | + 50 | 0.0053 |
| 4.4 | + 20 | 0.0058 |
| 3.135 | + 20 | 0.0053 |

| | | | |
|---------------|-------------------------|-----------|------------|
| Product | 5G Sub-6 GHz M.2 Module | Test Site | WZ-TR3 |
| Test Engineer | Candy Luo | Test Date | 2020/10/14 |
| Test Band | WCDMA Band IV | | |

| Power (Vdc) | Temp. (°C) | Frequency Tolerance (ppm) |
|-------------|------------|---------------------------|
| 3.7 | - 30 | 0.0073 |
| | - 20 | 0.0065 |
| | - 10 | 0.0067 |
| | 0 | 0.0074 |
| | + 10 | 0.0046 |
| | + 20 (Ref) | 0.0001 |
| | + 30 | 0.0045 |
| | + 40 | 0.0006 |
| | + 50 | -0.0008 |
| 4.4 | + 20 | 0.0013 |
| 3.135 | + 20 | 0.0006 |

| | | | |
|---------------|-------------------------|-----------|------------|
| Product | 5G Sub-6 GHz M.2 Module | Test Site | WZ-TR3 |
| Test Engineer | Candy Luo | Test Date | 2020/10/14 |
| Test Band | WCDMA Band V | | |

| Power (Vdc) | Temp. (°C) | Frequency Tolerance (ppm) |
|-------------|------------|---------------------------|
| 3.7 | - 30 | 0.0018 |
| | - 20 | 0.0002 |
| | - 10 | -0.0003 |
| | 0 | 0.0007 |
| | + 10 | -0.0005 |
| | + 20 (Ref) | 0.0002 |
| | + 30 | 0.0003 |
| | + 40 | 0.0006 |
| | + 50 | -0.0002 |
| 4.4 | + 20 | 0.0002 |
| 3.135 | + 20 | 0.0000 |

5.4. Equivalent Isotropically Radiated Power Measurement

5.4.1. Test Limit

Band 2:

Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

Band 4:

Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

Band 5:

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

5.4.2. Test Procedures Used

ANSI C63.26-2015 - Section 5.2

5.4.3. Test Setting

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

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

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

where

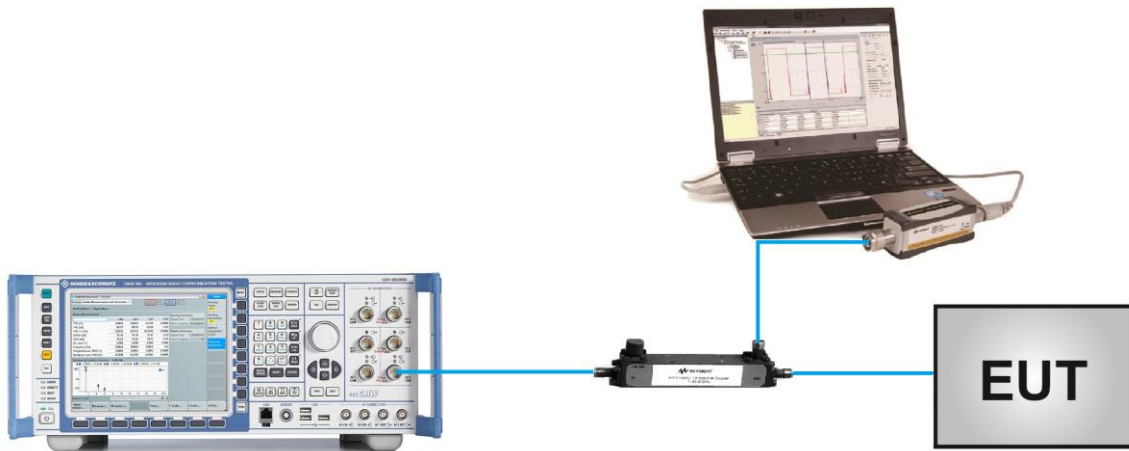
ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively (expressed in the same units as P_{Meas} , e.g., dBm or dBW)

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)

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

5.4.4. Test Setup



5.4.5. Test Result

| | | | |
|---------------|-------------------------|-----------|------------|
| Product | 5G Sub-6 GHz M.2 Module | Test Site | WZ-SR6 |
| Test Engineer | Candy Luo | Test Date | 2020/10/14 |
| Test Band | WCDMA Band II | | |

| Mode | 3GPP Subtest | Conducted Power (dBm) | | | Antenna Gain (dBi) | EIRP (dBm) | | |
|-----------|--------------|-----------------------|-------|-------|--------------------|-----------------|-------|-------|
| | | Band II Channel | | | | Band II Channel | | |
| | | 9262 | 9400 | 9538 | | 9262 | 9400 | 9538 |
| WCDMA R99 | 1 | 22.90 | 22.87 | 22.90 | 0.25 | 23.15 | 23.12 | 23.15 |
| HSDPA | 1 | 21.94 | 21.90 | 21.88 | 0.25 | 22.19 | 22.15 | 22.13 |
| | 2 | 21.92 | 21.87 | 21.89 | 0.25 | 22.17 | 22.12 | 22.14 |
| | 3 | 21.43 | 21.20 | 21.38 | 0.25 | 21.68 | 21.45 | 21.63 |
| | 4 | 21.45 | 21.38 | 21.40 | 0.25 | 21.70 | 21.63 | 21.65 |
| HSUPA | 1 | 21.84 | 21.85 | 21.87 | 0.25 | 22.09 | 22.10 | 22.12 |
| | 2 | 19.86 | 19.81 | 19.83 | 0.25 | 20.11 | 20.06 | 20.08 |
| | 3 | 22.40 | 22.37 | 22.35 | 0.25 | 22.65 | 22.62 | 22.60 |
| | 4 | 19.87 | 19.90 | 19.83 | 0.25 | 20.12 | 20.15 | 20.08 |
| | 5 | 21.82 | 21.78 | 21.85 | 0.25 | 22.07 | 22.03 | 22.10 |
| Limit | 33.01dBm | | | | | | | |

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

| | | | |
|---------------|-------------------------|-----------|------------|
| Product | 5G Sub-6 GHz M.2 Module | Test Site | WZ-SR6 |
| Test Engineer | Candy Luo | Test Date | 2020/10/14 |
| Test Band | WCDMA Band IV | | |

| Mode | 3GPP Subtest | Conducted Power (dBm) | | | Antenna Gain (dBi) | EIRP (dBm) | | |
|-----------|--------------|-----------------------|-------|-------|--------------------|-----------------|-------|-------|
| | | Band IV Channel | | | | Band IV Channel | | |
| | | 1312 | 1412 | 1513 | | 1312 | 1412 | 1513 |
| WCDMA R99 | 1 | 22.72 | 22.87 | 22.87 | 1.47 | 24.19 | 24.34 | 24.34 |
| HSDPA | 1 | 21.74 | 21.88 | 21.87 | 1.47 | 23.21 | 23.35 | 23.34 |
| | 2 | 21.75 | 21.76 | 21.88 | 1.47 | 23.22 | 23.23 | 23.35 |
| | 3 | 21.25 | 21.40 | 21.42 | 1.47 | 22.72 | 22.87 | 22.89 |
| | 4 | 21.26 | 21.43 | 21.38 | 1.47 | 22.73 | 22.9 | 22.85 |
| HSUPA | 1 | 21.78 | 21.87 | 21.85 | 1.47 | 23.25 | 23.34 | 23.32 |
| | 2 | 19.69 | 19.85 | 19.82 | 1.47 | 21.16 | 21.32 | 21.29 |
| | 3 | 22.27 | 22.18 | 22.32 | 1.47 | 23.74 | 23.65 | 23.79 |
| | 4 | 19.74 | 19.84 | 19.90 | 1.47 | 21.21 | 21.31 | 21.37 |
| | 5 | 21.72 | 21.81 | 21.85 | 1.47 | 23.19 | 23.28 | 23.32 |
| Limit | 30.00dBm | | | | | | | |

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

| | | | |
|---------------|-------------------------|-----------|------------|
| Product | 5G Sub-6 GHz M.2 Module | Test Site | WZ-SR6 |
| Test Engineer | Candy Luo | Test Date | 2020/10/14 |
| Test Band | WCDMA Band V | | |

| Mode | 3GPP Subtest | Conducted Power (dBm) | | | Antenna Gain (dBi) | ERP (dBm) | | |
|-----------|--------------|-----------------------|-------|-------|--------------------|----------------|-------|-------|
| | | Band V Channel | | | | Band V Channel | | |
| | | 4132 | 4182 | 4233 | | 4132 | 4182 | 4233 |
| WCDMA R99 | 1 | 22.60 | 22.56 | 22.50 | 2.68 | 23.13 | 23.09 | 23.03 |
| HSDPA | 1 | 21.66 | 21.65 | 21.52 | 2.68 | 22.19 | 22.18 | 22.05 |
| | 2 | 21.64 | 21.63 | 21.58 | 2.68 | 22.17 | 22.16 | 22.11 |
| | 3 | 21.13 | 21.13 | 21.04 | 2.68 | 21.66 | 21.66 | 21.57 |
| | 4 | 21.14 | 21.17 | 21.05 | 2.68 | 21.67 | 21.70 | 21.58 |
| HSUPA | 1 | 21.59 | 21.62 | 21.57 | 2.68 | 22.12 | 22.15 | 22.10 |
| | 2 | 19.63 | 19.59 | 19.56 | 2.68 | 20.16 | 20.12 | 20.09 |
| | 3 | 20.63 | 20.65 | 20.56 | 2.68 | 21.16 | 21.18 | 21.09 |
| | 4 | 19.62 | 19.56 | 19.54 | 2.68 | 20.15 | 20.09 | 20.07 |
| | 5 | 21.64 | 21.67 | 21.56 | 2.68 | 22.17 | 22.20 | 22.09 |
| Limit | 38.45dBm | | | | | | | |

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

5.5. Band Edge Measurement

5.5.1. Test Limit

For operations in the 824 ~ 849 MHz, 1850 ~ 1910 MHz, 1930 ~ 1990 MHz, 698 ~ 746 MHz and 1710 ~ 1755 MHz, 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.

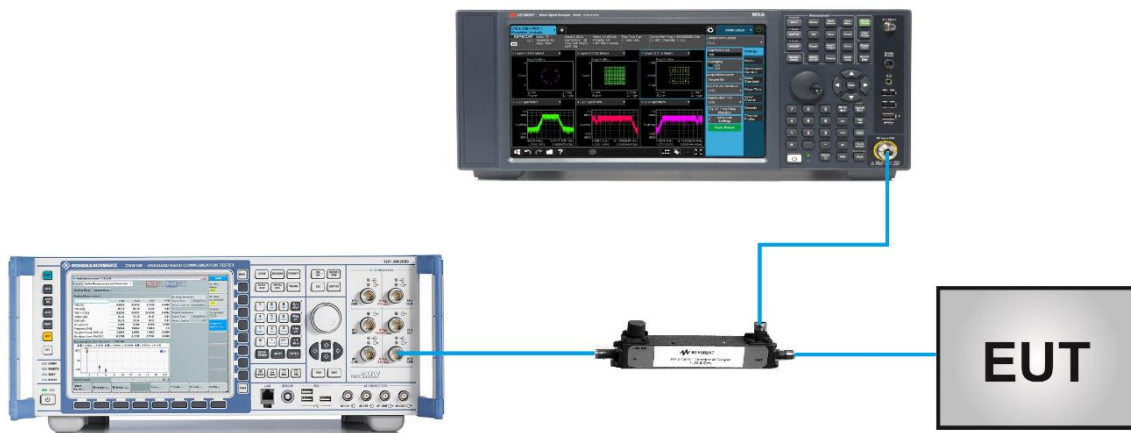
5.5.2. Test Procedure Used

ANSI C63.26-2015 - Section 5.7

5.5.3. 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.

5.5.4. Test Setup



5.5.5. Test Result

| | | | |
|---------------|-------------------------|-------------|------------|
| Product | 5G Sub-6 GHz M.2 Module | Test Site | WZ-SR6 |
| Test Engineer | Candy Luo | Test Date | 2020/10/11 |
| Test Band | WCDMA Band II, IV, V | Test Result | Pass |



5.6. Peak to Average Ratio

5.6.1. Test Limit

A peak to average ratio measurement is performed at the conducted port of the EUT. The spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level.

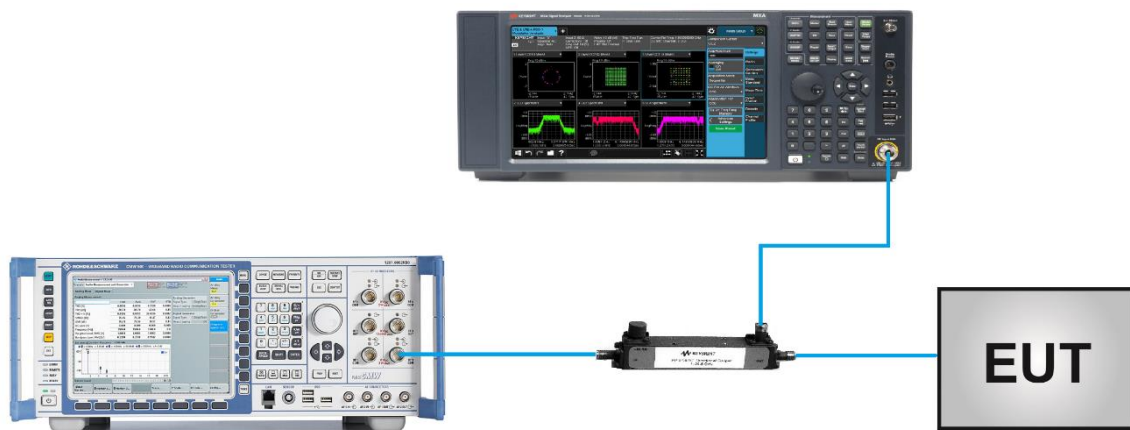
5.6.2. Test Procedure Used

ANSI C63.26-2015 - Section 5.2.3.4 (CCDF).

5.6.3. Test Setting

1. Set the resolution / measurement bandwidth \geq signal's occupied bandwidth
2. Set the number of counts to a value that stabilizes the measured CCDF curve
3. Record the maximum PARR level associated with a probability of 0.1%

5.6.4. Test Setup



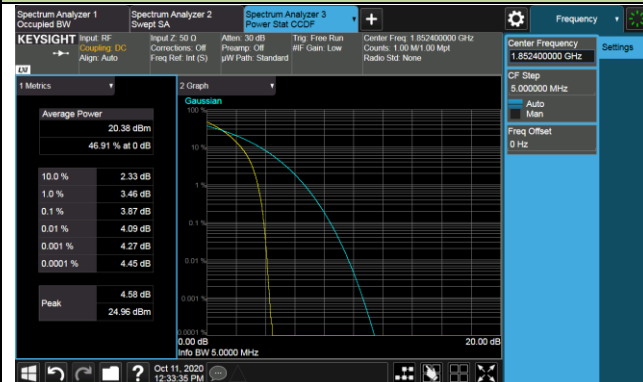
5.6.5. Test Result

| | | | |
|---------------|-------------------------|-----------|------------|
| Product | 5G Sub-6 GHz M.2 Module | Test Site | WZ-SR6 |
| Test Engineer | Candy Luo | Test Date | 2020/10/11 |
| Test Band | WCDMA Band II, IV, V | | |

| Channel No. | Frequency (MHz) | Channel Bandwidth (MHz) | Peak to Average Ratio (dB) | Limit (dB) | Result |
|-----------------------------|-----------------|-------------------------|----------------------------|------------|--------|
| Band II | | | | | |
| 9262 | 1852.5 | 5 | 3.87 | ≤ 13.00 | Pass |
| 9400 | 1880.0 | 5 | 3.86 | ≤ 13.00 | Pass |
| 9538 | 1907.6 | 5 | 3.82 | ≤ 13.00 | Pass |
| Band IV | | | | | |
| 1312 | 1712.4 | 5 | 3.91 | ≤ 13.00 | Pass |
| 1412 | 1732.4 | 5 | 3.82 | ≤ 13.00 | Pass |
| 1513 | 1752.6 | 5 | 3.79 | ≤ 13.00 | Pass |
| Band V (Report Only) | | | | | |
| 4132 | 826.4 | 5 | 3.74 | ≤ 13.00 | Pass |
| 4183 | 836.4 | 5 | 3.64 | ≤ 13.00 | Pass |
| 4233 | 846.6 | 5 | 3.75 | ≤ 13.00 | Pass |

WCDMA Band II

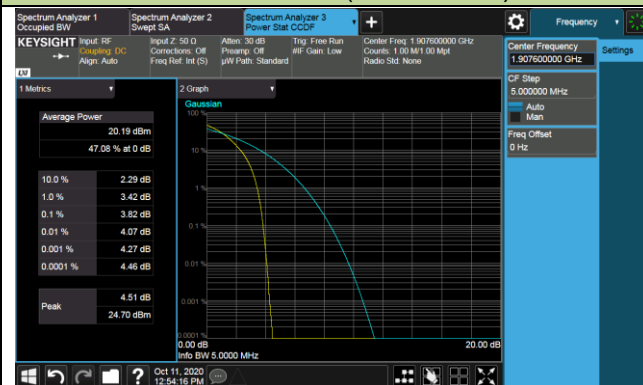
Channel 9262 (1852.4MHz)



Channel 9400 (1880.0MHz)

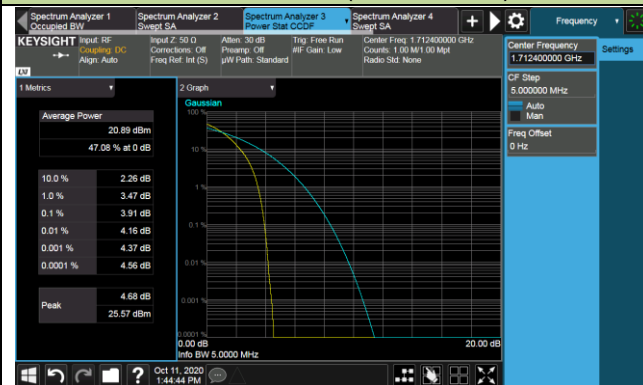


Channel 9538 (1907.6MHz)



WCDMA Band IV

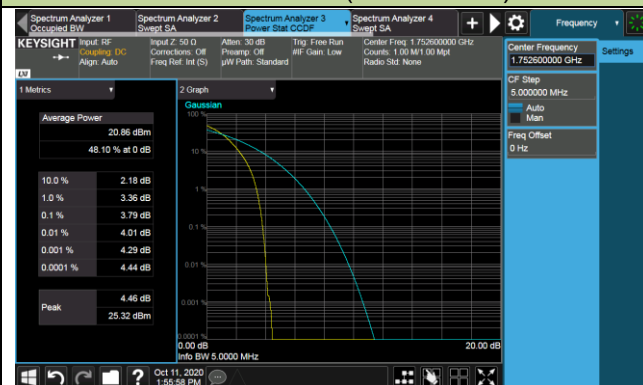
Channel 1312 (1712.4MHz)

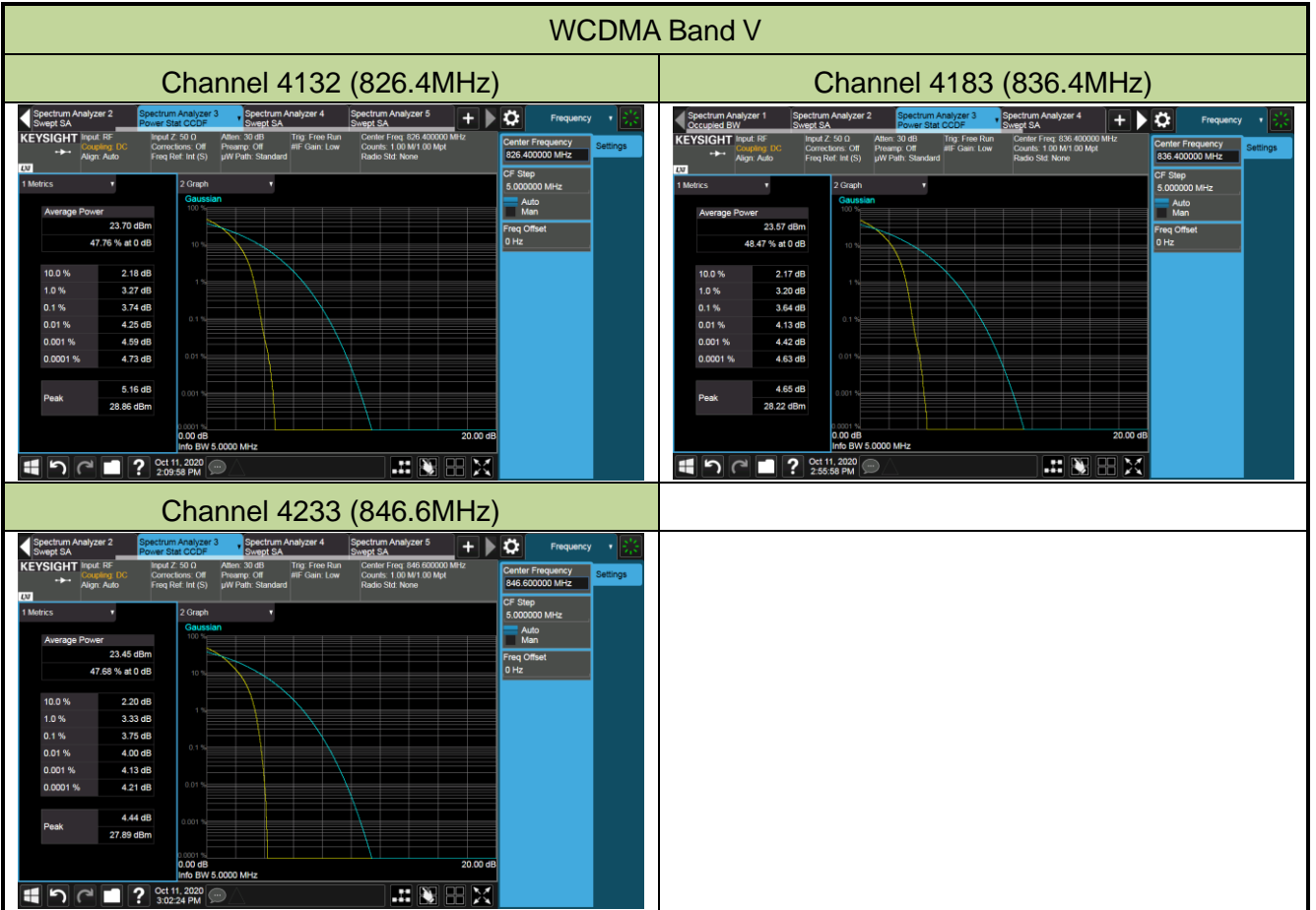


Channel 1412 (1732.4MHz)



Channel 1513 (1752.6MHz)





5.7. Conducted Spurious Emissions

5.7.1. 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 Low 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 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.

5.7.2. Test Procedure Used

ANSI C63.26-2015 - Section 5.7

5.7.3. Test Setting

1. Set the analyzer frequency to low, mid, high channel.
2. RBW = 1MHz
3. VBW $\geq 3 \cdot$ 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.

5.7.4. Test Setup



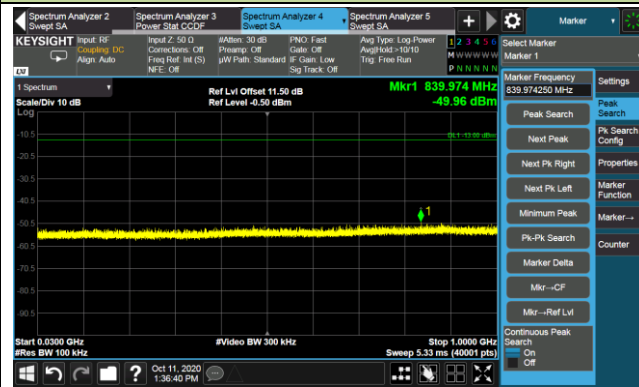
5.7.5.Test Result

| | | | |
|---------------|-------------------------|-----------|------------|
| Product | 5G Sub-6 GHz M.2 Module | Test Site | WZ-SR6 |
| Test Engineer | Candy Luo | Test Date | 2020/10/11 |
| Test Band | WCDMA Band II, IV, V | | |

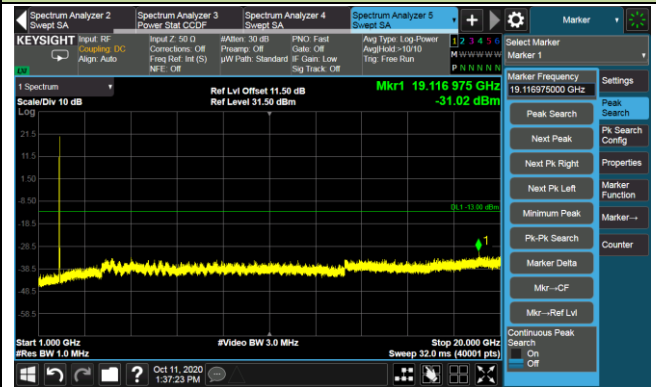
| Mode | Frequency (MHz) | Frequency Range (MHz) | Max Spurious Emissions (dBm) | Limit (dBm) | Result |
|---------------|-----------------|-----------------------|------------------------------|-------------|--------|
| WCDMA Band II | 1852.4 | 30 ~ 1000 | -49.96 | ≤ -13.00 | Pass |
| | | 1000 ~ 20000 | -31.02 | ≤ -13.00 | Pass |
| | 1880.0 | 30 ~ 1000 | -50.07 | ≤ -13.00 | Pass |
| | | 1000 ~ 20000 | -32.50 | ≤ -13.00 | Pass |
| | 1907.6 | 30 ~ 1000 | -48.96 | ≤ -13.00 | Pass |
| | | 1000 ~ 20000 | -32.60 | ≤ -13.00 | Pass |
| WCDMA Band IV | 1712.4 | 30 ~ 1000 | -50.01 | ≤ -13.00 | Pass |
| | | 1000 ~ 20000 | -33.00 | ≤ -13.00 | Pass |
| | 1732.4 | 30 ~ 1000 | -49.67 | ≤ -13.00 | Pass |
| | | 1000 ~ 20000 | -31.56 | ≤ -13.00 | Pass |
| | 1752.6 | 30 ~ 1000 | -49.75 | ≤ -13.00 | Pass |
| | | 1000 ~ 20000 | -32.96 | ≤ -13.00 | Pass |
| WCDMA Band V | 826.4 | 30 ~ 1000 | -50.54 | ≤ -13.00 | Pass |
| | | 1000 ~ 10000 | -33.28 | ≤ -13.00 | Pass |
| | 836.4 | 30 ~ 1000 | -49.85 | ≤ -13.00 | Pass |
| | | 1000 ~ 10000 | -34.87 | ≤ -13.00 | Pass |
| | 846.6 | 30 ~ 1000 | -39.81 | ≤ -13.00 | Pass |
| | | 1000 ~ 10000 | -34.18 | ≤ -13.00 | Pass |

WCDMA Band II

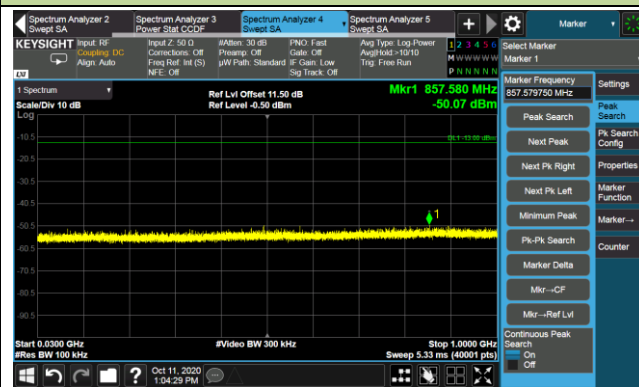
Low Channel 30 ~ 1000MHz



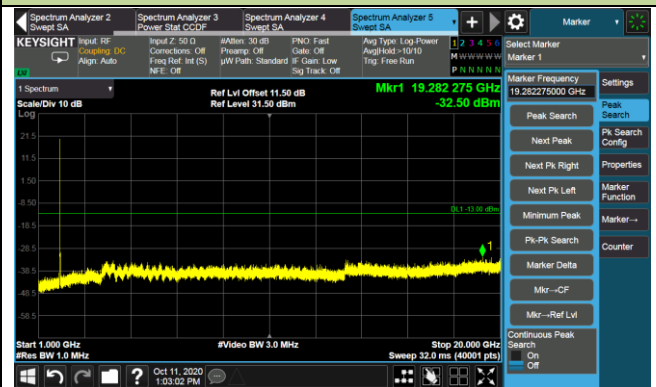
Low Channel 1000 ~ 20000MHz



Middle Channel 30 ~ 1000MHz



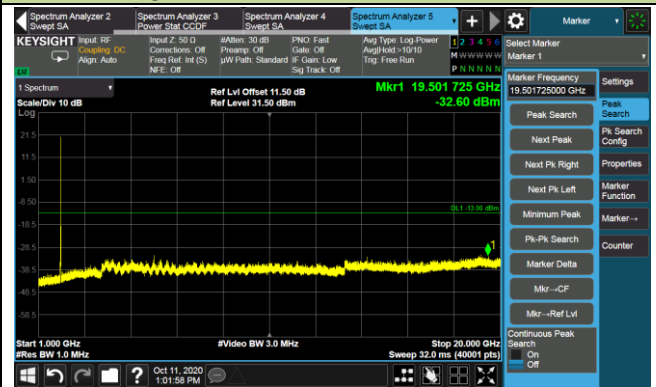
Middle Channel 1000 ~ 20000MHz



High Channel 30 ~ 1000MHz

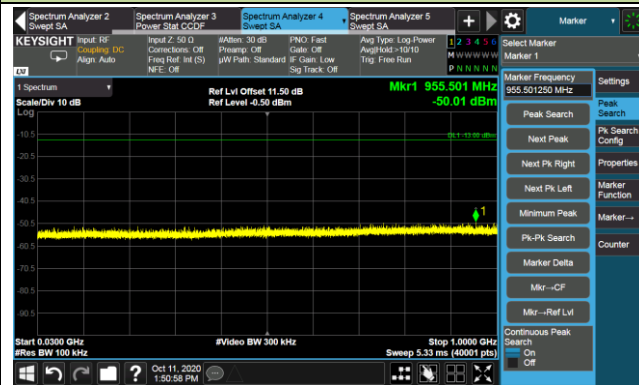


High Channel 1000 ~ 20000MHz

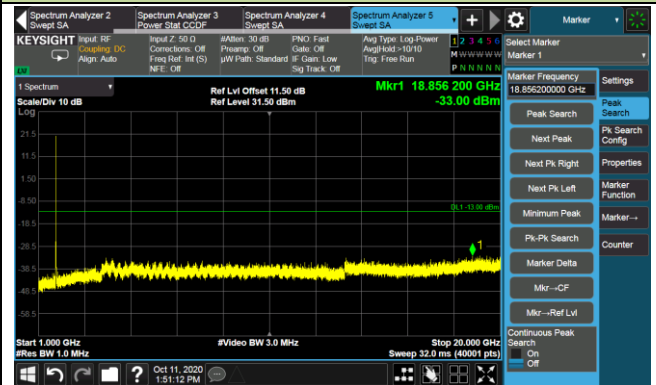


WCDMA Band IV

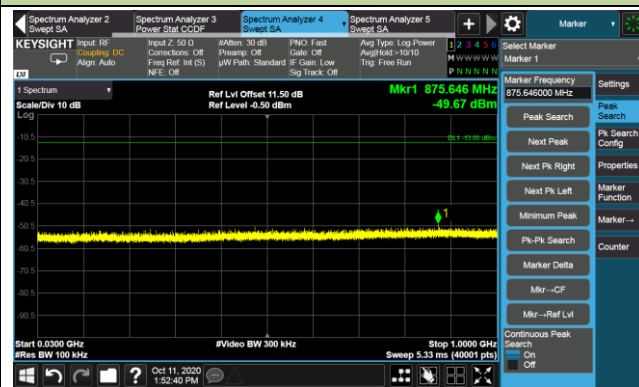
Low Channel 30 ~ 1000MHz



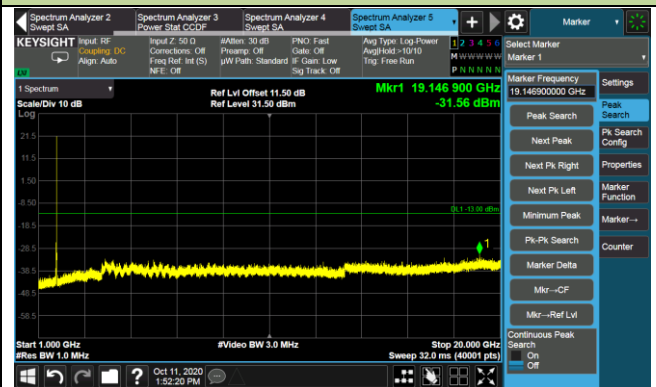
Low Channel 1000 ~ 20000MHz



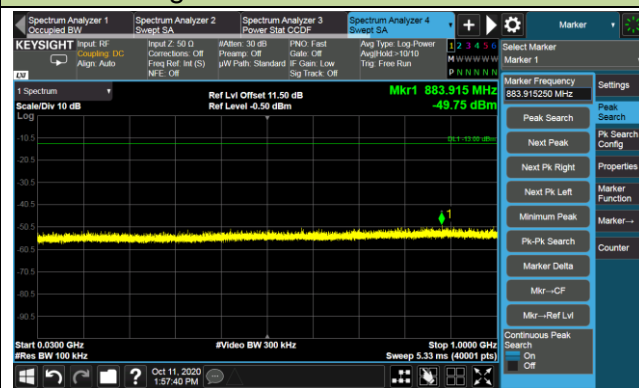
Middle Channel 30 ~ 1000MHz



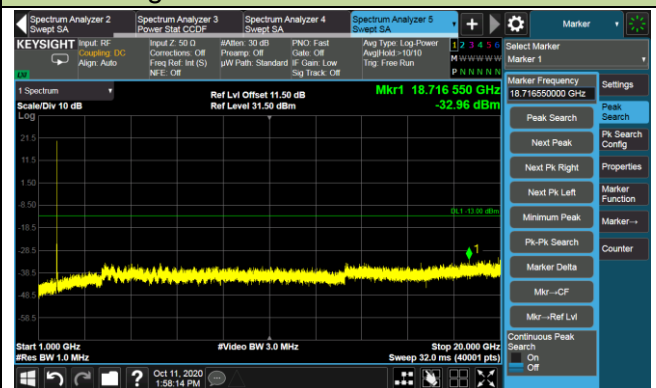
Middle Channel 1000 ~ 20000MHz



High Channel 30 ~ 1000MHz

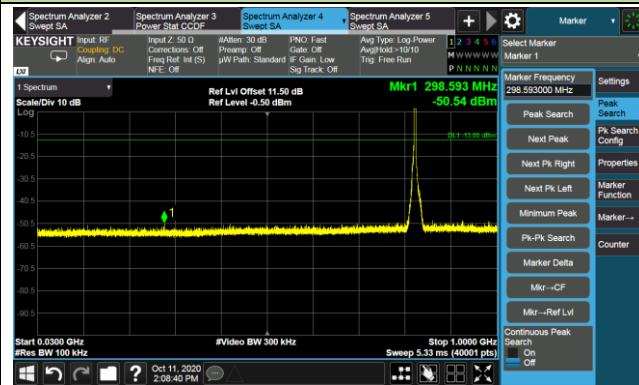


High Channel 1000 ~ 20000MHz

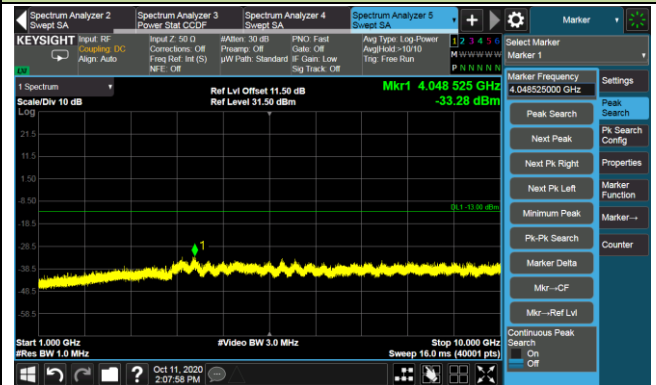


WCDMA Band V

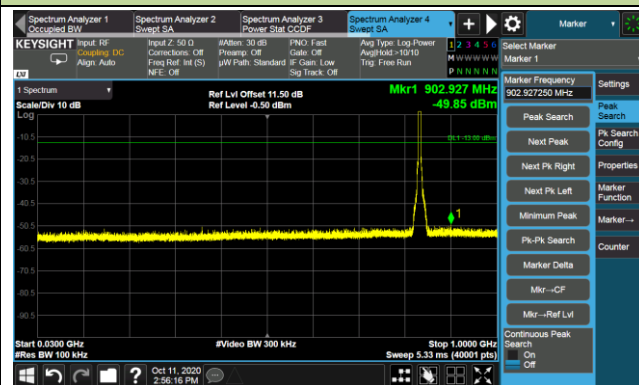
Low Channel 30 ~ 1000MHz



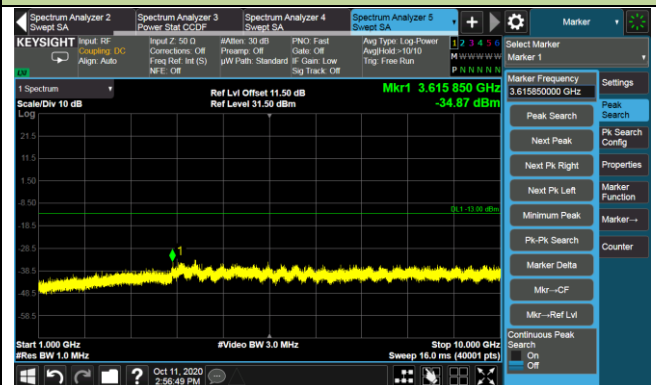
Low Channel 1000 ~ 10000MHz



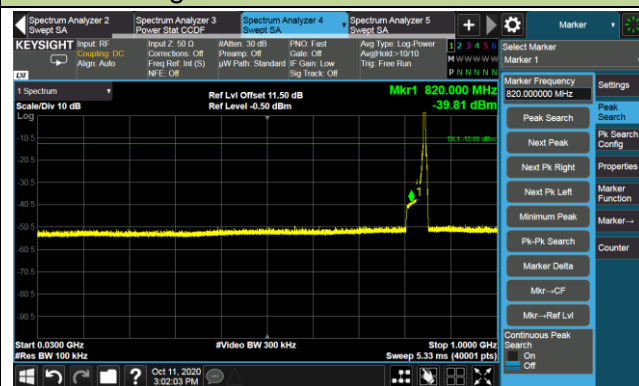
Middle Channel 30 ~ 1000MHz



Middle Channel 1000 ~ 10000MHz



High Channel 30 ~ 1000MHz



High Channel 1000 ~ 10000MHz



5.8. Radiated Spurious Emissions Measurements

5.8.1. 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.

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

5.8.2. Test Procedure Used

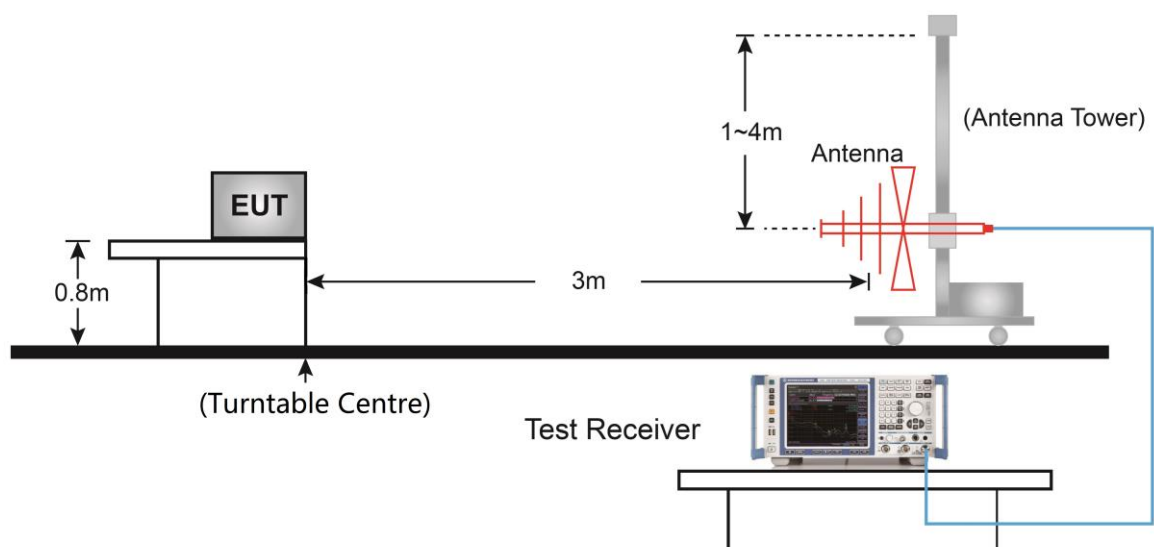
ANSI C63.26-2015 - Section 5.2.7 & 5.5

5.8.3. Test Setting

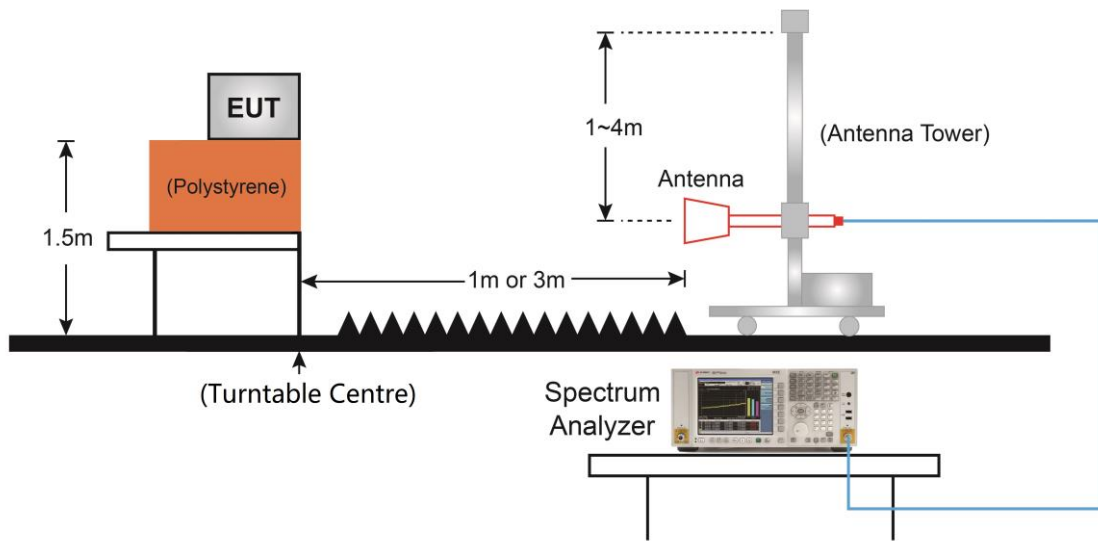
1. RBW = 1MHz
2. VBW $\geq 3 \times$ RBW
3. Sweep time $\geq 10 \times$ (number of points in sweep) \times (transmission symbol period)
4. Detector = Peak
5. Trace mode = max hold
6. The trace was allowed to stabilize

5.8.4. Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



5.8.5. Test Result

| | | | |
|---------------|-------------------------|-----------|------------|
| Product | 5G Sub-6 GHz M.2 Module | Test Site | WZ-AC2 |
| Test Engineer | Jason Gao | Test Date | 2020/10/15 |
| Test Band | WCDMA Band II | | |

| Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|-----------------------|----------------------|-------------|------------------------|----------------|-------------|----------|--------------|
| Low Channel | | | | | | | |
| 144.9 | 21.6 | 18.0 | 39.6 | 82.3 | -42.7 | Peak | Horizontal |
| 335.1 | 19.3 | 19.7 | 39.0 | 82.3 | -43.3 | Peak | Horizontal |
| 55.2 | 19.4 | 18.0 | 37.4 | 82.3 | -44.9 | Peak | Vertical |
| 138.2 | 21.0 | 17.4 | 38.4 | 82.3 | -43.9 | Peak | Vertical |
| 4638.0 | 39.3 | 5.4 | 44.7 | 82.3 | -37.6 | Peak | Horizontal |
| 8276.0 | 38.7 | 11.1 | 49.8 | 82.3 | -32.5 | Peak | Horizontal |
| 7876.5 | 39.1 | 11.1 | 50.2 | 82.3 | -32.1 | Peak | Vertical |
| 14030.5 | 38.1 | 17.0 | 55.1 | 82.3 | -27.2 | Peak | Vertical |
| Middle Channel | | | | | | | |
| 140.1 | 22.0 | 17.6 | 39.6 | 82.3 | -42.7 | Peak | Horizontal |
| 334.6 | 18.1 | 19.7 | 37.8 | 82.3 | -44.5 | Peak | Horizontal |
| 141.6 | 20.3 | 17.7 | 38.0 | 82.3 | -44.3 | Peak | Vertical |
| 341.4 | 19.2 | 19.7 | 38.9 | 82.3 | -43.4 | Peak | Vertical |
| 4434.0 | 38.7 | 4.7 | 43.4 | 82.3 | -38.9 | Peak | Horizontal |
| 14770.0 | 38.0 | 17.8 | 55.8 | 82.3 | -26.5 | Peak | Horizontal |
| 2887.0 | 41.6 | 1.0 | 42.6 | 82.3 | -39.7 | Peak | Vertical |
| 4638.0 | 38.4 | 5.4 | 43.8 | 82.3 | -38.5 | Peak | Vertical |
| High Channel | | | | | | | |
| 144.0 | 22.3 | 17.9 | 40.2 | 82.3 | -42.1 | Peak | Horizontal |
| 310.3 | 15.5 | 19.0 | 34.5 | 82.3 | -47.8 | Peak | Horizontal |
| 138.6 | 20.8 | 17.5 | 38.3 | 82.3 | -44.0 | Peak | Vertical |
| 312.3 | 21.5 | 19.1 | 40.6 | 82.3 | -41.7 | Peak | Vertical |
| 7256.0 | 39.2 | 10.5 | 49.7 | 82.3 | -32.6 | Peak | Horizontal |
| 14676.5 | 37.7 | 17.7 | 55.4 | 82.3 | -26.9 | Peak | Horizontal |
| 10979.0 | 37.6 | 15.8 | 53.4 | 82.3 | -28.9 | Peak | Vertical |
| 14336.5 | 37.2 | 17.6 | 54.8 | 82.3 | -27.5 | Peak | Vertical |

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

| | | | |
|---------------|-------------------------|-----------|------------|
| Product | 5G Sub-6 GHz M.2 Module | Test Site | WZ-AC2 |
| Test Engineer | Jason Gao | Test Date | 2020/10/15 |
| Test Band | WCDMA Band IV | | |

| Frequency (MHz) | Reading Level (dB μ V) | Factor (dB) | Measure Level(dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Detector | Polarization |
|-----------------------|----------------------------|-------------|-----------------------------|----------------------|-------------|----------|--------------|
| Low Channel | | | | | | | |
| 144.9 | 21.6 | 18.0 | 39.6 | 82.3 | -42.7 | Peak | Horizontal |
| 336.0 | 18.8 | 19.7 | 38.5 | 82.3 | -43.8 | Peak | Horizontal |
| 141.1 | 20.5 | 17.7 | 38.2 | 82.3 | -44.1 | Peak | Vertical |
| 340.4 | 18.3 | 19.7 | 38.0 | 82.3 | -44.3 | Peak | Vertical |
| 11506.0 | 37.3 | 15.6 | 52.9 | 82.3 | -29.4 | Peak | Horizontal |
| 14770.0 | 36.9 | 17.8 | 54.7 | 82.3 | -27.6 | Peak | Horizontal |
| 9500.0 | 37.8 | 14.0 | 51.8 | 82.3 | -30.5 | Peak | Vertical |
| 14642.5 | 37.1 | 18.0 | 55.1 | 82.3 | -27.2 | Peak | Vertical |
| Middle Channel | | | | | | | |
| 139.6 | 22.0 | 17.6 | 39.6 | 82.3 | -42.7 | Peak | Horizontal |
| 335.6 | 18.7 | 19.7 | 38.4 | 82.3 | -43.9 | Peak | Horizontal |
| 55.2 | 20.9 | 18.0 | 38.9 | 82.3 | -43.4 | Peak | Vertical |
| 341.4 | 18.2 | 19.7 | 37.9 | 82.3 | -44.4 | Peak | Vertical |
| 9228.0 | 37.1 | 13.7 | 50.8 | 82.3 | -31.5 | Peak | Horizontal |
| 13826.5 | 37.7 | 16.5 | 54.2 | 82.3 | -28.1 | Peak | Horizontal |
| 8097.5 | 38.0 | 11.6 | 49.6 | 82.3 | -32.7 | Peak | Vertical |
| 14846.5 | 38.4 | 17.6 | 56.0 | 82.3 | -26.3 | Peak | Vertical |
| High Channel | | | | | | | |
| 103.7 | 18.7 | 14.1 | 32.8 | 82.3 | -49.5 | Peak | Horizontal |
| 145.4 | 22.0 | 18.1 | 40.1 | 82.3 | -42.2 | Peak | Horizontal |
| 53.8 | 19.7 | 18.0 | 37.7 | 82.3 | -44.6 | Peak | Vertical |
| 140.1 | 20.5 | 17.6 | 38.1 | 82.3 | -44.2 | Peak | Vertical |
| 9287.5 | 37.1 | 13.7 | 50.8 | 82.3 | -31.5 | Peak | Horizontal |
| 14234.5 | 37.5 | 17.8 | 55.3 | 82.3 | -27.0 | Peak | Horizontal |
| 12254.0 | 38.0 | 15.3 | 53.3 | 82.3 | -29.0 | Peak | Vertical |
| 14421.5 | 37.5 | 17.8 | 55.3 | 82.3 | -27.0 | Peak | Vertical |

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB).

| | | | |
|---------------|-------------------------|-----------|------------|
| Product | 5G Sub-6 GHz M.2 Module | Test Site | WZ-AC2 |
| Test Engineer | Jason Gao | Test Date | 2020/10/15 |
| Test Band | WCDMA Band V | | |

| Frequency (MHz) | Reading Level (dBμV) | Factor (dB) | Measure Level(dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Polarization |
|-----------------------|----------------------|-------------|-----------------------|----------------|-------------|----------|--------------|
| Low Channel | | | | | | | |
| 141.1 | 22.9 | 17.7 | 40.6 | 82.3 | -41.7 | Peak | Horizontal |
| 333.1 | 19.1 | 19.7 | 38.8 | 82.3 | -43.5 | Peak | Horizontal |
| 55.7 | 19.7 | 17.9 | 37.6 | 82.3 | -44.7 | Peak | Vertical |
| 141.1 | 22.0 | 17.7 | 39.7 | 82.3 | -42.6 | Peak | Vertical |
| 9279.0 | 36.8 | 13.8 | 50.6 | 82.3 | -31.7 | Peak | Horizontal |
| 14294.0 | 37.0 | 17.9 | 54.9 | 82.3 | -27.4 | Peak | Horizontal |
| 1654.5 | 47.3 | -4.6 | 42.7 | 82.3 | -39.6 | Peak | Vertical |
| 14523.5 | 37.1 | 17.7 | 54.8 | 82.3 | -27.5 | Peak | Vertical |
| Middle Channel | | | | | | | |
| 54.7 | 18.1 | 18.0 | 36.1 | 82.3 | -46.2 | Peak | Horizontal |
| 141.1 | 21.9 | 17.7 | 39.6 | 82.3 | -42.7 | Peak | Horizontal |
| 62.5 | 19.6 | 17.2 | 36.8 | 82.3 | -45.5 | Peak | Vertical |
| 141.6 | 19.0 | 17.7 | 36.7 | 82.3 | -45.6 | Peak | Vertical |
| 1671.5 | 47.5 | -4.7 | 42.8 | 82.3 | -39.5 | Peak | Horizontal |
| 14200.5 | 37.1 | 17.5 | 54.6 | 82.3 | -27.7 | Peak | Horizontal |
| 1671.5 | 51.8 | -4.7 | 47.1 | 82.3 | -35.2 | Peak | Vertical |
| 10953.5 | 37.4 | 16.1 | 53.5 | 82.3 | -28.8 | Peak | Vertical |
| High Channel | | | | | | | |
| 57.2 | 14.9 | 17.9 | 32.8 | 82.3 | -49.5 | Peak | Horizontal |
| 139.1 | 22.7 | 17.5 | 40.2 | 82.3 | -42.1 | Peak | Horizontal |
| 139.1 | 22.7 | 17.5 | 40.2 | 82.3 | -42.1 | Peak | Vertical |
| 284.1 | 24.6 | 18.3 | 42.9 | 82.3 | -39.4 | Peak | Vertical |
| 1688.5 | 48.8 | -4.7 | 44.1 | 82.3 | -38.2 | Peak | Horizontal |
| 6559.0 | 38.9 | 8.5 | 47.4 | 82.3 | -34.9 | Peak | Horizontal |
| 1688.5 | 52.3 | -4.7 | 47.6 | 82.3 | -34.7 | Peak | Vertical |
| 9738.0 | 36.5 | 14.5 | 51.0 | 82.3 | -31.3 | Peak | Vertical |

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

6. CONCLUSION

The data collected relate only the item(s) tested and show that unit is compliance with FCC Rules.

————— The End —————

Appendix A - Test Setup Photograph

Refer to "2010RSU005-UT" file.

Appendix B - EUT Photograph

Refer to "2010RSU005-UE" file.