

# PARTIAL TEST REPORT

|                            |                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------|
| EUT Description            | WLAN and BT, 2x2 PCIe M.2 1216 adapter card                                                       |
| Brand Name                 | Intel®                                                                                            |
| Model Name                 | BE201D2W                                                                                          |
| FCC ID / IC ID             | PD9BE201D2; 1000M-BE201D2                                                                         |
| Date of Test Start/End     | 2024-10-15 / 2024-10-30                                                                           |
| Features                   | 2x2 Wi-Fi - Bluetooth®<br>(see section 5)                                                         |
| Applicant                  | Intel Corporation SAS                                                                             |
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| Reference Standards        | FCC CFR Title 47 Part 15 E<br>RSS-248 issue 3, RSS-Gen issue 5 - A1<br>(see section 1)            |
| Test Report identification | 231120-06.TR20                                                                                    |
| Revision Control           | Rev.00<br>This test report revision replaces any previous test report revision<br>(see section 8) |

The test results relate only to the samples tested.  
Reference to accreditation shall be used only by full reproduction of test report.

Reviewed by



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## 1. Standards, reference documents and applicable test methods

|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FCC  | <ol style="list-style-type: none"> <li>1. FCC Title 47 eCFR part 15 – Subpart E - Unlicensed National Information Infrastructure Devices. 2023-10-01 edition</li> <li>2. FCC OET KDB 987594 D01 U-NII 6GHz General Requirements v01r02</li> <li>3. FCC OET KDB 987594 D02 U-NII 6 GHz EMC Measurement v01r01</li> <li>4. FCC OET KDB 987594 D03 U-NII 6 GHz QA v01</li> <li>5. FCC OET KDB 987594 D04 UN6GHZ Pre-Approval Guidance Checklist v01</li> <li>6. FCC OET KDB 789033 D02 v02r01 - General U-NII Test Procedures New Rules – Guidelines for compliance testing of Unlicensed National Information Infrastructure (U-NII) Devices.</li> <li>7. FCC OET KDB 662911 D01 v02r01 - Emissions Testing of Transmitters with Multiple Outputs in the Same Band.</li> <li>8. ANSI C63.10-2020 American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.</li> </ol> |
| ISED | <ol style="list-style-type: none"> <li>1. RSS-248 Issue 3 - Radio Local Area Network (RLAN) Devices operating in the 5925-7125 MHz band.</li> <li>2. RSS-Gen Issue 5 Amendment 1 - General Requirements for Compliance of Radio Apparatus.</li> <li>3. FCC OET KDB 987594 D01 U-NII 6GHz General Requirements v01r02</li> <li>4. FCC OET KDB 987594 D02 U-NII 6 GHz EMC Measurement v01r01</li> <li>5. FCC OET KDB 987594 D03 U-NII 6 GHz QA v01</li> <li>6. ANSI C63.10-2020+Cor2023+Amd2024 American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices</li> </ol>                                                                                                                                                                                                                                                                                                   |

## 2. General conditions, competences and guarantees.

- ✓ Tests performed under FCC standards identified in section 1 are covered by A2LA accreditation.
- ✓ Tests performed under ISED standards identified in section 1 are covered by Cofrac accreditation.
- ✓ Intel Corporation SAS Wireless RF Lab (Intel WRF Lab) is an ISO/IEC 17025:2017 laboratory accredited by the American Association for Laboratory Accreditation (A2LA) with the certificate number 3478.01.
- ✓ Intel Corporation SAS Wireless RF Lab (Intel WRF Lab) is an Accredited Test Firm recognized by the FCC, with Designation Number FR0011.
- ✓ Intel Corporation SAS Wireless RF Lab (Intel WRF Lab) is an ISO/IEC 17025:2017 testing laboratory accredited by the French Committee for Accreditation (Cofrac) with the certificate number 1-6736.
- ✓ Intel Corporation SAS Wireless RF Lab (Intel WRF Lab) is a Registered Test Site listed by ISED, with ISED #1000Y and CAB identifier FR0005.
- ✓ Intel WRF Lab only provides testing services and is committed to providing reliable, unbiased test results and interpretations.
- ✓ Intel WRF Lab is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.
- ✓ Intel WRF Lab has developed calibration and proficiency programs for its measurement equipment to ensure correlated and reliable results to its customers.
- ✓ This report is only referred to the item that has undergone the test.
- ✓ This report does not imply an approval of the product by the Certification Bodies or competent Authorities.

## 3. Environmental Conditions

- ✓ At the site where the measurements were performed the following limits were not exceeded during the tests:

|             |                |
|-------------|----------------|
| Temperature | 22.7°C ± 1.3°C |
| Humidity    | 57.2% ± 10.3%  |

#### 4. Test samples

| Sample | Control #     | Description    | Model              | Serial #       | Date of receipt | Note                        |
|--------|---------------|----------------|--------------------|----------------|-----------------|-----------------------------|
| #01    | 231120-05.S10 | WiFi 7 Module  | BE201D2W           | F8FE5ECDC909   | 2024-02-06      | Used for RF conducted tests |
|        | 200203-01.S10 | Laptop         | HP Oleander        | 000951007L     | 2023-04-24      |                             |
|        | 231109-03.S31 | Extender Board | CRF DB 2230<br>BNJ | ASS00862-01-0A | 2023-11-10      |                             |

## 5. EUT Features

The herein information is provided by the customer.

Intel WRF Lab declines any responsibility for the accuracy of the stated customer provided information, especially if it has any impact on the correctness of test results presented in this report.

|                     |                                  |                      |                      |
|---------------------|----------------------------------|----------------------|----------------------|
| Brand Name          | Intel®                           |                      |                      |
| Model Name          | BE201D2W                         |                      |                      |
| Software Version    | DRTU.05726.99.0.86               |                      |                      |
| Driver Version      | 99.0.86.3 / 23.30.0.4            |                      |                      |
| Supported Radios    | 802.11b/g/n/ax/be                | 2.4GHz               |                      |
|                     | 802.11a/n/ac/ax/be               | 5.2GHz               |                      |
|                     |                                  | 5.6GHz               |                      |
|                     |                                  | 5.8GHz               |                      |
|                     | 802.11ax/be                      | 6.0GHz               |                      |
|                     | Bluetooth                        | 2.4GHz               |                      |
| Antenna Information |                                  |                      |                      |
|                     | Transmitter                      | Chain A (1)          | Chain B (2)          |
|                     | Manufacturer                     | Intel WRF Lab        | Intel WRF Lab        |
|                     | Antenna type                     | PIFA                 | PIFA                 |
|                     | Part number                      | WRF-Tri Band-Antenna | WRF-Tri Band-Antenna |
|                     | Declared Antenna peak gain (dBi) | 5.02                 | 5.02                 |

## 6. Remarks and comments

1. No deviations were made from the test methods listed in section 1 of this report.
2. Only the worst-case plot per channel bandwidth and test case measurements have been reported excepted for band edge measurements where all plots are reported.
3. This report only presents conducted measurements, for the radiated spurious emissions test case refer to report **231120-06.TR21**
4. Full and Partial RUs are supported. Full RU was completely tested as this was considered the worst case. Target powers for Full are higher than partial RU. Spot checking was done to confirm this during testing for power and PSD. Complete partial RU testing is provided as part of the emissions mask.
5. The puncturing operation described in this report applies only to the AFC mode configuration. VLP and LPI modes are not supported / not evaluated for puncturing operation.

## 7. Test Verdicts summary

The statement of conformity to applicable standards in the table below are based on the measured values, without taking into account the measurement uncertainties.

### 7.1. 802.11be – U-NII-5/6/7

| FCC part           | RSS clause         | Test name                                             | Verdict |
|--------------------|--------------------|-------------------------------------------------------|---------|
| 15.407 (a)<br>(10) | RSS-248 Clause 4.4 | Occupied Bandwidth                                    | P       |
| 15.407 (a)<br>(8)  | RSS-248 Clause 4.5 | Maximum output power                                  | P       |
| 15.407 (a)<br>(8)  | RSS-248 Clause 4.5 | Power spectral density                                | P       |
| 15.407 (b)<br>(5)  | RSS-248 Clause 4.6 | Undesirable emissions limits: out of band (conducted) | P       |
| 15.407 (b)<br>(6)  | RSS-248 Clause 4.6 | In-Band Emissions (Mask)                              | P       |

P: Pass

F: Fail

NM: Not Measured

NA: Not Applicable

## 8. Document Revision History

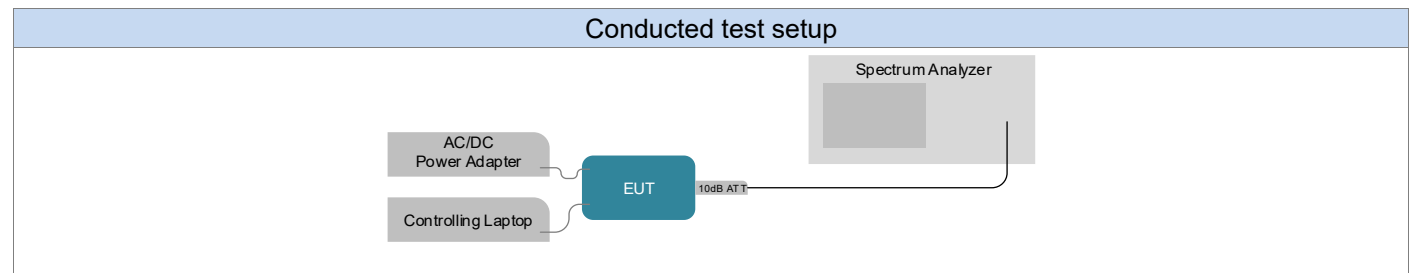
| Revision # | Modified by | Revision Details |
|------------|-------------|------------------|
| Rev. 00    | T.GAMAIN    | First Issue      |

# Annex A. Test & System Description

## A.1 Measurement System

Measurements were performed using these following setups.

The DUT was installed in a test fixture and this test fixture is connected to a laptop computer and AC/DC power adapter. The laptop computer was used to configure the EUT to continuously transmit at a specified output power using all different modes and modulation schemes, using the Intel proprietary tool DRTU.



## A.2 Test Equipment List

Conducted setup

| ID#     | Device                  | Type/Model | Serial # | Manufacturer    | Cal. Date  | Cal. Due Date |
|---------|-------------------------|------------|----------|-----------------|------------|---------------|
| 159-000 | Spectrum Analyzer       | FSV40      | 101072   | Rohde & Schwarz | 2023-03-23 | 2025-03-23    |
| 131-000 | Spectrum Analyzer       | FSV40      | 101425   | Rohde & Schwarz | 2024-10-16 | 2026-10-16    |
| 019-000 | RF cable K-K 100cm      | PE360-100  | N/A      | PASTERNAK       | 2024-02-21 | 2025-02-21    |
| 019-002 | 10dB Attenuator + MH4   | N/A        | N/A      | N/A             | 2024-02-21 | 2025-02-21    |
| 094-004 | Temp & Humidity Logger  | RMS-HCD-S  | 24050483 | Rotronic        | 2024-09-02 | 2026-09-02    |
| 413-000 | Measurement SW v1.5.4.2 | Octopi     | N/A      | Step AT         | N/A        | N/A           |

N/A: not applicable

## A.3 Measurement Uncertainty Evaluation

The system uncertainty evaluation is shown in the table below with a coverage factor of  $k = 2$  to indicate a 95% level of confidence:

| Measurement type       | Uncertainty | Unit |
|------------------------|-------------|------|
| Power Spectral density | $\pm 1.47$  | dB   |
| Occupied bandwidth     | $\pm 2.07$  | %    |
| Conducted Power        | $\pm 1.03$  | dB   |
| Conducted Spurious     | $\pm 3.45$  | dB   |
| Temperature            | $\pm 0.52$  | °C   |

# Annex B. Test Results

The herein test results were performed by:

| Test case measurement                                 | Test Personnel |
|-------------------------------------------------------|----------------|
| Maximum output power                                  | T.MATHIEU      |
| 26dB and 99% Bandwidth measurement                    | T.MATHIEU      |
| Maximum power spectral density                        | T.MATHIEU      |
| Frequency stability                                   | T.MATHIEU      |
| Undesirable emissions limits: out of band (conducted) | T.MATHIEU      |
| In-Band Emissions Mask                                | T.MATHIEU      |

## B.1 Test Conditions

For 802.11ax/be20 (20 MHz channel bandwidth), 802.11ax/be40 (40MHz channel bandwidth), 802.11ax/be80 (80MHz channel bandwidth), 802.11ax/be160 (160MHz channel bandwidth) and 802.11be320 (320MHz channel bandwidth) modes the EUT can transmit at both CHAIN A and CHAIN B RF outputs individually, and also simultaneously.

### Selected Test Mode Combinations:

Test plan was determined by considering the worst case mode from all possible combinations.

| Band   | Mode & BW [MHz] | Channel | Frequency [MHz] | Rate | Puncturing config. |
|--------|-----------------|---------|-----------------|------|--------------------|
| UNII-5 | 802.11be80      | 7       | 5985            | MCS0 | 60 / 91 (Low)      |
| UNII-5 | 802.11be80      | 7       | 5985            | MCS0 | 60 / 92 (Mid)      |
| UNII-5 | 802.11be160     | 47      | 6185            | MCS0 | 120 / 95 (Low)     |
| UNII-5 | 802.11be160     | 47      | 6185            | MCS0 | 120 / s95 (High)   |
| UNII-5 | 802.11be160     | 47      | 6185            | MCS0 | 140 / 97 (Low)     |
| UNII-5 | 802.11be160     | 47      | 6185            | MCS0 | 140 / s99 (High)   |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 200 / 101 (Low)    |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 200 / s101 (High)  |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 240 / s104 (Low)   |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 240 / t104 (Mid)   |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 280 / 106 (Low)    |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 280 / t106 (Mid)   |
| UNII-6 | 802.11be80      | 103     | 6465            | MCS0 | 60 / 91 (Low)      |
| UNII-6 | 802.11be80      | 103     | 6465            | MCS0 | 60 / 92 (Mid)      |
| UNII-6 | 802.11be80      | 119     | 6545            | MCS0 | 60 / 91 (Low)      |
| UNII-6 | 802.11be80      | 119     | 6545            | MCS0 | 60 / 92 (Mid)      |
| UNII-6 | 802.11be160     | 111     | 6505            | MCS0 | 120 / 95 (Low)     |
| UNII-6 | 802.11be160     | 111     | 6505            | MCS0 | 120 / s95 (High)   |
| UNII-6 | 802.11be160     | 111     | 6505            | MCS0 | 140 / 97 (Low)     |
| UNII-6 | 802.11be160     | 111     | 6505            | MCS0 | 140 / s99 (High)   |
| UNII-7 | 802.11be160     | 143     | 6665            | MCS0 | 120 / 95 (Low)     |
| UNII-7 | 802.11be160     | 143     | 6665            | MCS0 | 120 / s95 (High)   |
| UNII-7 | 802.11be160     | 143     | 6665            | MCS0 | 140 / 97 (Low)     |
| UNII-7 | 802.11be160     | 143     | 6665            | MCS0 | 140 / s99 (High)   |

The following data rates were selected based on preliminary testing that identified those rates as the worst cases for output power and spurious levels at the band edges:

| Transmission | Mode     | Bandwidth (MHz) | Worst Case Data Rate |
|--------------|----------|-----------------|----------------------|
| SISO/MIMO    | 802.11be | 80/160/320      | MCS0                 |

## B.2 Test Results Tables

### B.2.1 26dB & 99% Bandwidth

#### Test limits

| FCC part           | RSS part              | Limits                                                                                                    |
|--------------------|-----------------------|-----------------------------------------------------------------------------------------------------------|
| 15.407<br>(a) (10) | RSS-248<br>Clause 4.4 | The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 megahertz. |

#### Test procedure

The conducted setup shown in section *Test & System Description* was used to measure the 26dB & 99% bandwidth. The antenna terminal of the EUT is connected to the spectrum analyzer through an attenuator, and the spectrum analyzer reading is compensated to include the RF path loss.

1

#### Results tables

According to FCC guidance, the 26 dB bandwidth has been applied for all channels below 320MHz. For 320MHz, the 99% bandwidth has been used.

Max value

Maximum bandwidth value highlighted per BW and channel bandwidth over uninterrupted UNII-5 – 8 bands

<sup>1</sup> Only the worst-case plots per BW and channel bandwidth were reported over uninterrupted UNII-5 – 7 bands

| Band   | Mode & BW [MHz] | Channel | Frequency [MHz] | Rate | Puncturing config. | Antenna | 26dB BW [MHz] | 99% BW [MHz] |
|--------|-----------------|---------|-----------------|------|--------------------|---------|---------------|--------------|
| UNII-5 | 802.11be80      | 7       | 5985            | MCS0 | 60 / 91 (Low)      | SISO A  | 126.08        | 78.40        |
| UNII-5 | 802.11be80      | 7       | 5985            | MCS0 | 60 / 91 (Low)      | SISO B  | 139.84        | 78.40        |
| UNII-5 | 802.11be80      | 7       | 5985            | MCS0 | 60 / 91 (Low)      | MIMO A  | 140.80        | 78.40        |
| UNII-5 | 802.11be80      | 7       | 5985            | MCS0 | 60 / 91 (Low)      | MIMO B  | 106.88        | 77.76        |
| UNII-5 | 802.11be80      | 7       | 5985            | MCS0 | 60 / 92 (Mid)      | SISO A  | 121.60        | 78.08        |
| UNII-5 | 802.11be80      | 7       | 5985            | MCS0 | 60 / 92 (Mid)      | SISO B  | 132.80        | 78.40        |
| UNII-5 | 802.11be80      | 7       | 5985            | MCS0 | 60 / 92 (Mid)      | MIMO A  | 95.36         | 78.08        |
| UNII-5 | 802.11be80      | 7       | 5985            | MCS0 | 60 / 92 (Mid)      | MIMO B  | 104.32        | 78.08        |
| UNII-5 | 802.11be160     | 47      | 6185            | MCS0 | 120 / 95 (Low)     | SISO A  | 167.36        | 157.76       |
| UNII-5 | 802.11be160     | 47      | 6185            | MCS0 | 120 / 95 (Low)     | SISO B  | 173.76        | 157.76       |
| UNII-5 | 802.11be160     | 47      | 6185            | MCS0 | 120 / 95 (Low)     | MIMO A  | 220.80        | 157.44       |
| UNII-5 | 802.11be160     | 47      | 6185            | MCS0 | 120 / 95 (Low)     | MIMO B  | 167.04        | 157.44       |
| UNII-5 | 802.11be160     | 47      | 6185            | MCS0 | 120 / s95 (High)   | SISO A  | 129.92        | 117.76       |
| UNII-5 | 802.11be160     | 47      | 6185            | MCS0 | 120 / s95 (High)   | SISO B  | 128.96        | 118.08       |
| UNII-5 | 802.11be160     | 47      | 6185            | MCS0 | 120 / s95 (High)   | MIMO A  | 127.68        | 117.76       |
| UNII-5 | 802.11be160     | 47      | 6185            | MCS0 | 120 / s95 (High)   | MIMO B  | 128.00        | 117.44       |
| UNII-5 | 802.11be160     | 47      | 6185            | MCS0 | 140 / 97 (Low)     | SISO A  | 166.40        | 157.12       |
| UNII-5 | 802.11be160     | 47      | 6185            | MCS0 | 140 / 97 (Low)     | SISO B  | 293.44        | 157.12       |
| UNII-5 | 802.11be160     | 47      | 6185            | MCS0 | 140 / 97 (Low)     | MIMO A  | 166.08        | 157.44       |
| UNII-5 | 802.11be160     | 47      | 6185            | MCS0 | 140 / 97 (Low)     | MIMO B  | 166.72        | 157.12       |
| UNII-5 | 802.11be160     | 47      | 6185            | MCS0 | 140 / s99 (High)   | SISO A  | 158.40        | 137.92       |
| UNII-5 | 802.11be160     | 47      | 6185            | MCS0 | 140 / s99 (High)   | SISO B  | 243.52        | 138.56       |
| UNII-5 | 802.11be160     | 47      | 6185            | MCS0 | 140 / s99 (High)   | MIMO A  | 148.80        | 138.24       |
| UNII-5 | 802.11be160     | 47      | 6185            | MCS0 | 140 / s99 (High)   | MIMO B  | 147.84        | 137.92       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 200 / 101 (Low)    | SISO A  | 254.08        | 238.08       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 200 / 101 (Low)    | SISO B  | 253.44        | 237.44       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 200 / 101 (Low)    | MIMO A  | 310.4         | 237.44       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 200 / 101 (Low)    | MIMO B  | 293.12        | 238.08       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 200 / s101 (High)  | SISO A  | 213.12        | 197.76       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 200 / s101 (High)  | SISO B  | 213.12        | 197.76       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 200 / s101 (High)  | MIMO A  | 339.2         | 197.76       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 200 / s101 (High)  | MIMO B  | 341.76        | 197.76       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 240 / s104 (Low)   | SISO A  | 333.44        | 316.16       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 240 / s104 (Low)   | SISO B  | 473.6         | 316.16       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 240 / s104 (Low)   | MIMO A  | 474.24        | 316.80       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 240 / s104 (Low)   | MIMO B  | 470.4         | 316.16       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 240 / t104 (Mid)   | SISO A  | 332.8         | 316.16       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 240 / t104 (Mid)   | SISO B  | 332.8         | 317.44       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 240 / t104 (Mid)   | MIMO A  | 442.24        | 316.16       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 240 / t104 (Mid)   | MIMO B  | 332.8         | 316.16       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 280 / 106 (Low)    | SISO A  | 333.44        | 316.16       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 280 / 106 (Low)    | SISO B  | 333.44        | 316.16       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 280 / 106 (Low)    | MIMO A  | 480           | 314.88       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 280 / 106 (Low)    | MIMO B  | 332.8         | 316.16       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 280 / t106 (Mid)   | SISO A  | 332.8         | 315.52       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 280 / t106 (Mid)   | SISO B  | 483.2         | 315.52       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 280 / t106 (Mid)   | MIMO A  | 481.28        | 315.52       |
| UNII-5 | 802.11be320     | 63      | 6265            | MCS0 | 280 / t106 (Mid)   | MIMO B  | 331.52        | 316.16       |

NA: Not Applicable

| Band  | Mode & BW[MHz] | Channel | Frequency [MHz] | Rate | Puncturing config. | Antenna | 26dB BW [MHz] | 99% BW [MHz] |
|-------|----------------|---------|-----------------|------|--------------------|---------|---------------|--------------|
| UNII6 | 802.11be80     | 103     | 6465            | MCS0 | 60 / 91 (Low)      | SISO A  | 135.36        | 78.40        |
| UNII6 | 802.11be80     | 103     | 6465            | MCS0 | 60 / 91 (Low)      | SISO B  | 141.12        | 78.40        |
| UNII6 | 802.11be80     | 103     | 6465            | MCS0 | 60 / 91 (Low)      | MIMO A  | 135.36        | 78.40        |
| UNII6 | 802.11be80     | 103     | 6465            | MCS0 | 60 / 91 (Low)      | MIMO B  | 85.44         | 78.08        |
| UNII6 | 802.11be80     | 103     | 6465            | MCS0 | 60 / 92 (Mid)      | SISO A  | 120.96        | 78.40        |
| UNII6 | 802.11be80     | 103     | 6465            | MCS0 | 60 / 92 (Mid)      | SISO B  | 131.84        | 78.40        |
| UNII6 | 802.11be80     | 103     | 6465            | MCS0 | 60 / 92 (Mid)      | MIMO A  | 102.40        | 78.40        |
| UNII6 | 802.11be80     | 103     | 6465            | MCS0 | 60 / 92 (Mid)      | MIMO B  | 89.92         | 78.40        |
| UNII6 | 802.11be80     | 119     | 6545            | MCS0 | 60 / 91 (Low)      | SISO A  | 135.68        | 78.08        |
| UNII6 | 802.11be80     | 119     | 6545            | MCS0 | 60 / 91 (Low)      | SISO B  | 145.28        | 78.40        |
| UNII6 | 802.11be80     | 119     | 6545            | MCS0 | 60 / 91 (Low)      | MIMO A  | 129.60        | 78.08        |
| UNII6 | 802.11be80     | 119     | 6545            | MCS0 | 60 / 91 (Low)      | MIMO B  | 110.40        | 78.08        |
| UNII6 | 802.11be80     | 119     | 6545            | MCS0 | 60 / 92 (Mid)      | SISO A  | 123.52        | 78.40        |
| UNII6 | 802.11be80     | 119     | 6545            | MCS0 | 60 / 92 (Mid)      | SISO B  | 142.08        | 78.72        |
| UNII6 | 802.11be80     | 119     | 6545            | MCS0 | 60 / 92 (Mid)      | MIMO A  | 103.68        | 77.76        |
| UNII6 | 802.11be80     | 119     | 6545            | MCS0 | 60 / 92 (Mid)      | MIMO B  | 93.12         | 78.08        |
| UNII6 | 802.11be160    | 111     | 6505            | MCS0 | 120 / 95 (Low)     | SISO A  | 166.40        | 157.76       |
| UNII6 | 802.11be160    | 111     | 6505            | MCS0 | 120 / 95 (Low)     | SISO B  | 221.76        | 157.76       |
| UNII6 | 802.11be160    | 111     | 6505            | MCS0 | 120 / 95 (Low)     | MIMO A  | 220.16        | 157.76       |
| UNII6 | 802.11be160    | 111     | 6505            | MCS0 | 120 / 95 (Low)     | MIMO B  | 167.68        | 157.44       |
| UNII6 | 802.11be160    | 111     | 6505            | MCS0 | 120 / s95 (High)   | SISO A  | 128.32        | 118.08       |
| UNII6 | 802.11be160    | 111     | 6505            | MCS0 | 120 / s95 (High)   | SISO B  | 129.28        | 117.76       |
| UNII6 | 802.11be160    | 111     | 6505            | MCS0 | 120 / s95 (High)   | MIMO A  | 128.64        | 117.44       |
| UNII6 | 802.11be160    | 111     | 6505            | MCS0 | 120 / s95 (High)   | MIMO B  | 128.00        | 117.76       |
| UNII6 | 802.11be160    | 111     | 6505            | MCS0 | 140 / 97 (Low)     | SISO A  | 167.04        | 157.12       |
| UNII6 | 802.11be160    | 111     | 6505            | MCS0 | 140 / 97 (Low)     | SISO B  | 303.68        | 157.44       |
| UNII6 | 802.11be160    | 111     | 6505            | MCS0 | 140 / 97 (Low)     | MIMO A  | 167.36        | 157.12       |
| UNII6 | 802.11be160    | 111     | 6505            | MCS0 | 140 / 97 (Low)     | MIMO B  | 167.04        | 157.12       |
| UNII6 | 802.11be160    | 111     | 6505            | MCS0 | 140 / s99 (High)   | SISO A  | 147.84        | 138.24       |
| UNII6 | 802.11be160    | 111     | 6505            | MCS0 | 140 / s99 (High)   | SISO B  | 241.92        | 138.24       |
| UNII6 | 802.11be160    | 111     | 6505            | MCS0 | 140 / s99 (High)   | MIMO A  | 170.24        | 137.92       |
| UNII6 | 802.11be160    | 111     | 6505            | MCS0 | 140 / s99 (High)   | MIMO B  | 148.16        | 137.92       |

NA: Not Applicable

| Band  | Mode & BW[MHz] | Channel | Frequency [MHz] | Rate | Puncturing config. | Antenna | 26dB BW [MHz] | 99% BW [MHz] |
|-------|----------------|---------|-----------------|------|--------------------|---------|---------------|--------------|
| UNII7 | 802.11be160    | 143     | 6665            | MCS0 | 120 / 95 (Low)     | SISO A  | 167.04        | 157.44       |
| UNII7 | 802.11be160    | 143     | 6665            | MCS0 | 120 / 95 (Low)     | SISO B  | 172.48        | 157.76       |
| UNII7 | 802.11be160    | 143     | 6665            | MCS0 | 120 / 95 (Low)     | MIMO A  | 167.04        | 157.76       |
| UNII7 | 802.11be160    | 143     | 6665            | MCS0 | 120 / 95 (Low)     | MIMO B  | 167.04        | 157.44       |
| UNII7 | 802.11be160    | 143     | 6665            | MCS0 | 120 / s95 (High)   | SISO A  | 129.28        | 117.76       |
| UNII7 | 802.11be160    | 143     | 6665            | MCS0 | 120 / s95 (High)   | SISO B  | 129.28        | 117.76       |
| UNII7 | 802.11be160    | 143     | 6665            | MCS0 | 120 / s95 (High)   | MIMO A  | 141.12        | 118.08       |
| UNII7 | 802.11be160    | 143     | 6665            | MCS0 | 120 / s95 (High)   | MIMO B  | 142.40        | 117.76       |
| UNII7 | 802.11be160    | 143     | 6665            | MCS0 | 140 / 97 (Low)     | SISO A  | 166.08        | 157.12       |
| UNII7 | 802.11be160    | 143     | 6665            | MCS0 | 140 / 97 (Low)     | SISO B  | 234.88        | 157.12       |
| UNII7 | 802.11be160    | 143     | 6665            | MCS0 | 140 / 97 (Low)     | MIMO A  | 167.36        | 157.12       |
| UNII7 | 802.11be160    | 143     | 6665            | MCS0 | 140 / 97 (Low)     | MIMO B  | 166.72        | 157.12       |
| UNII7 | 802.11be160    | 143     | 6665            | MCS0 | 140 / s99 (High)   | SISO A  | 148.48        | 137.92       |
| UNII7 | 802.11be160    | 143     | 6665            | MCS0 | 140 / s99 (High)   | SISO B  | 243.52        | 138.56       |
| UNII7 | 802.11be160    | 143     | 6665            | MCS0 | 140 / s99 (High)   | MIMO A  | 149.12        | 138.24       |
| UNII7 | 802.11be160    | 143     | 6665            | MCS0 | 140 / s99 (High)   | MIMO B  | 148.16        | 137.92       |

NA: Not Applicable

## B.2.2 Maximum Output power & Maximum power spectral Density

### Test limits

| FCC part          | RSS part                | Limits                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15.407<br>(a) (7) | -                       | For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925– 6.425 GHz and 6.525–6.875 GHz bands: <ul style="list-style-type: none"> <li>the maximum power spectral density must not exceed 17 dBm e.i.r.p. in any 1- megahertz band,</li> <li>the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm</li> </ul> |
| -                 | RSS-248<br>Clause 4.5.5 | The following limits shall apply to standard client devices: <ul style="list-style-type: none"> <li>a. the maximum e.i.r.p. spectral density shall not exceed 17 dBm/MHz</li> <li>b. the maximum e.i.r.p. over the 5925-6875 MHz frequency band shall not exceed 30 dBm</li> </ul>                                                                                                                                                   |

### Test procedure

The Maximum Conducted Output Power was measured using the channel integration method over the entire 99% occupied bandwidth according to section E) 2) d) (Method SA-2) of KDB 789033

The maximum power spectral density (PSD) was measured using the method according to section F) (Method SA-2 ) of KDB 789033

In the *measure-and-sum* approach for MIMO mode, the conducted emission level (e.g., transmit power or power in specified bandwidth) is measured at each antenna port. The measured results at the various antenna ports are then summed mathematically in linear power units to determine the total emission level from the device. When MIMO mode is running each single antenna conducted output power is reduced by 3dBi such that MIMO mode does not exceed the output of a single chain in SISO mode.  $SISO\ A\ pwr = SISO\ B\ pwr = MIMO\ pwr\ (1/2\ A\ pwr + 1/2\ B\ pwr)$ .

The EIRP power (dBm) is calculated by adding the declared maximum antenna gain (+5.02dBi) to the measured conducted power in accordance with KDB 662911 D01 v02r01. All transmit signals are completely uncorrelated with each other. Therefore, Directional gain = GANT = +5.02 dBi.

Per KDB 662911 D01 v02r01: MIMO Spacial diversity applies as completely uncorrelated, neither beamforming, whether fixed or adaptative, nor Cyclic Delay Diversity (CDD) technique are used. For further details, refer to 'MIMO Theory of Operation' document.

The conducted setup shown in section *Test & System Description* was used to measure the maximum conducted output power and power spectral density. The antenna terminal of the EUT is connected to the spectrum analyser through an attenuator, and the spectrum analyzer reading is compensated to include the RF path loss.

**See Annex C.1.1 for the screenshot results**

Results tablesDuty cycle

| Mode        | Rate | Antenna | Duty Cycle [%] |
|-------------|------|---------|----------------|
| 802.11be80  | MCS0 | SISO A  | 98.8           |
|             |      | SISO B  | 98.8           |
|             |      | MIMO A  | 99.3           |
|             |      | MIMO B  | 99.3           |
| 802.11be160 | MCS0 | SISO A  | 98.8           |
|             |      | SISO B  | 98.8           |
|             |      | MIMO A  | 98.2           |
|             |      | MIMO B  | 98.2           |
| 802.11be320 | MCS0 | SISO A  | 98.9           |
|             |      | SISO B  | 98.9           |
|             |      | MIMO A  | 98.9           |
|             |      | MIMO B  | 98.9           |

# Maximum output power

## UNII-5 (FCC & ISM)

| Band   | Mode    | BW [MHz] | Rate | Channel | Freq. [MHz] | Puncturing Config | Chain        | Output Power [dBm] | Max Output Power [dBm] | Antenna Gain [dBi] | Max EIRP [dBm] | Max Output Power [mW] | Max EIRP [mW] |
|--------|---------|----------|------|---------|-------------|-------------------|--------------|--------------------|------------------------|--------------------|----------------|-----------------------|---------------|
| UNII-5 | 802.11b | 80       | MCS0 | 7       | 5985        | 60 / 91 (Low)     | SISO A       | 17.34              | 17.34                  | 5.02               | 22.36          | 54.20                 | 172.19        |
|        |         |          |      |         |             |                   | SISO B       | 18.19              | 18.19                  |                    | 23.21          | 65.92                 | 209.41        |
|        |         |          |      |         |             |                   | MIMO A       | 18.74              | 18.74                  |                    | 23.76          | 74.82                 | 237.68        |
|        |         |          |      |         |             |                   | MIMO B       | 17.81              | 17.81                  |                    | 22.83          | 60.39                 | 191.87        |
|        |         |          |      |         |             |                   | Combined A+B | 21.31              | 21.31                  |                    | 26.33          | 135.21                | 429.55        |
|        |         |          |      |         |             | 60 / 92 (Mid)     | SISO A       | 17.70              | 17.70                  |                    | 22.72          | 58.88                 | 187.07        |
|        |         |          |      |         |             |                   | SISO B       | 18.27              | 18.27                  |                    | 23.29          | 67.14                 | 213.30        |
|        |         |          |      |         |             |                   | MIMO A       | 18.17              | 18.17                  |                    | 23.19          | 65.61                 | 208.45        |
|        |         |          |      |         |             |                   | MIMO B       | 18.67              | 18.67                  |                    | 23.69          | 73.62                 | 233.88        |
|        |         |          |      |         |             |                   | Combined A+B | 21.44              | 21.44                  |                    | 26.46          | 139.24                | 442.33        |
|        |         | 160      | MCS0 | 47      | 6185        | 120 / 95 (Low)    | SISO A       | 16.85              | 16.85                  |                    | 21.87          | 48.42                 | 153.82        |
|        |         |          |      |         |             |                   | SISO B       | 16.21              | 16.21                  |                    | 21.23          | 41.78                 | 132.74        |
|        |         |          |      |         |             |                   | MIMO A       | 16.29              | 16.29                  |                    | 21.31          | 42.56                 | 135.21        |
|        |         |          |      |         |             |                   | MIMO B       | 16.63              | 16.63                  |                    | 21.65          | 46.03                 | 146.22        |
|        |         |          |      |         |             |                   | Combined A+B | 19.47              | 19.47                  |                    | 24.49          | 88.59                 | 281.42        |
|        |         |          |      |         |             | 120 / s95 (High)  | SISO A       | 17.01              | 17.01                  |                    | 22.03          | 50.23                 | 159.59        |
|        |         |          |      |         |             |                   | SISO B       | 17.04              | 17.04                  |                    | 22.06          | 50.58                 | 160.69        |
|        |         |          |      |         |             |                   | MIMO A       | 17.02              | 17.02                  |                    | 22.04          | 50.35                 | 159.96        |
|        |         |          |      |         |             |                   | MIMO B       | 17.06              | 17.06                  |                    | 22.08          | 50.82                 | 161.44        |
|        |         |          |      |         |             |                   | Combined A+B | 20.05              | 20.05                  |                    | 25.07          | 101.17                | 321.39        |
|        |         |          |      |         |             | 140 / 97 (Low)    | SISO A       | 17.13              | 17.13                  |                    | 22.15          | 51.64                 | 164.06        |
|        |         |          |      |         |             |                   | SISO B       | 16.48              | 16.48                  |                    | 21.50          | 44.46                 | 141.25        |
|        |         |          |      |         |             |                   | MIMO A       | 16.29              | 16.29                  |                    | 21.31          | 42.56                 | 135.21        |
|        |         |          |      |         |             |                   | MIMO B       | 16.80              | 16.80                  |                    | 21.82          | 47.86                 | 152.05        |
|        |         |          |      |         |             |                   | Combined A+B | 19.56              | 19.56                  |                    | 24.58          | 90.42                 | 287.26        |
|        |         |          |      |         |             | 140 / s99 (High)  | SISO A       | 17.51              | 17.51                  |                    | 22.53          | 56.36                 | 179.06        |
|        |         |          |      |         |             |                   | SISO B       | 17.57              | 17.57                  |                    | 22.59          | 57.15                 | 181.55        |
|        |         |          |      |         |             |                   | MIMO A       | 16.86              | 16.86                  |                    | 21.88          | 48.53                 | 154.17        |
|        |         |          |      |         |             |                   | MIMO B       | 17.21              | 17.21                  |                    | 22.23          | 52.60                 | 167.11        |
|        |         |          |      |         |             |                   | Combined A+B | 20.05              | 20.05                  |                    | 25.07          | 101.13                | 321.28        |
|        |         | 320      | MCS0 | 63      | 6265        | 200 / 101 (Low)   | SISO A       | 16.18              | 16.18                  |                    | 21.20          | 41.50                 | 131.83        |
|        |         |          |      |         |             |                   | SISO B       | 16.22              | 16.22                  |                    | 21.24          | 41.88                 | 133.05        |
|        |         |          |      |         |             |                   | MIMO A       | 16.15              | 16.15                  |                    | 21.17          | 41.21                 | 130.92        |
|        |         |          |      |         |             |                   | MIMO B       | 16.00              | 16.00                  |                    | 21.02          | 39.81                 | 126.47        |
|        |         |          |      |         |             |                   | Combined A+B | 19.09              | 19.09                  |                    | 24.11          | 81.02                 | 257.39        |
|        |         |          |      |         |             | 200 / s101 (High) | SISO A       | 16.08              | 16.08                  |                    | 21.10          | 40.55                 | 128.82        |
|        |         |          |      |         |             |                   | SISO B       | 16.11              | 16.11                  |                    | 21.13          | 40.83                 | 129.72        |
|        |         |          |      |         |             |                   | MIMO A       | 16.05              | 16.05                  |                    | 21.07          | 40.27                 | 127.94        |
|        |         |          |      |         |             |                   | MIMO B       | 16.17              | 16.17                  |                    | 21.19          | 41.40                 | 131.52        |
|        |         |          |      |         |             |                   | Combined A+B | 19.12              | 19.12                  |                    | 24.14          | 81.67                 | 259.46        |
|        |         |          |      |         |             | 240 / s104 (Low)  | SISO A       | 12.35              | 12.35                  |                    | 17.37          | 17.18                 | 54.58         |
|        |         |          |      |         |             |                   | SISO B       | 12.24              | 12.24                  |                    | 17.26          | 16.75                 | 53.21         |
|        |         |          |      |         |             |                   | MIMO A       | 12.25              | 12.25                  |                    | 17.27          | 16.79                 | 53.33         |
|        |         |          |      |         |             |                   | MIMO B       | 12.33              | 12.33                  |                    | 17.35          | 17.10                 | 54.33         |
|        |         |          |      |         |             |                   | Combined A+B | 15.30              | 15.30                  |                    | 20.32          | 33.89                 | 107.66        |

|  |  |  |  |  |  |  |              |       |       |  |       |       |        |
|--|--|--|--|--|--|--|--------------|-------|-------|--|-------|-------|--------|
|  |  |  |  |  |  |  | SISO A       | 13.07 | 13.07 |  | 18.09 | 20.28 | 64.42  |
|  |  |  |  |  |  |  | SISO B       | 12.67 | 12.67 |  | 17.69 | 18.49 | 58.75  |
|  |  |  |  |  |  |  | MIMO A       | 12.41 | 12.41 |  | 17.43 | 17.42 | 55.34  |
|  |  |  |  |  |  |  | MIMO B       | 12.65 | 12.65 |  | 17.67 | 18.41 | 58.48  |
|  |  |  |  |  |  |  | Combined A+B | 15.54 | 15.54 |  | 20.56 | 35.83 | 113.81 |
|  |  |  |  |  |  |  | SISO A       | 13.22 | 13.22 |  | 18.24 | 20.99 | 66.68  |
|  |  |  |  |  |  |  | SISO B       | 13.31 | 13.31 |  | 18.33 | 21.43 | 68.08  |
|  |  |  |  |  |  |  | MIMO A       | 12.21 | 12.21 |  | 17.23 | 16.63 | 52.84  |
|  |  |  |  |  |  |  | MIMO B       | 12.79 | 12.79 |  | 17.81 | 19.01 | 60.39  |
|  |  |  |  |  |  |  | Combined A+B | 15.52 | 15.52 |  | 20.54 | 35.64 | 113.24 |
|  |  |  |  |  |  |  | SISO A       | 13.08 | 13.08 |  | 18.10 | 20.32 | 64.57  |
|  |  |  |  |  |  |  | SISO B       | 13.18 | 13.18 |  | 18.20 | 20.80 | 66.07  |
|  |  |  |  |  |  |  | MIMO A       | 11.97 | 11.97 |  | 16.99 | 15.74 | 50.00  |
|  |  |  |  |  |  |  | MIMO B       | 13.06 | 13.06 |  | 18.08 | 20.23 | 64.27  |
|  |  |  |  |  |  |  | Combined A+B | 15.56 | 15.56 |  | 20.58 | 35.97 | 114.27 |

- (1) Value compensated with the duty cycle
- (2) Max/Min value highlighted per bandwidth

**UNII6 (Only ISSED)**

| Band   | Mode     | BW [MHz] | Rate | Channel | Freq. [MHz] | Puncturing Config | Chain        | Output Power [dBm] | Max Output Power [dBm] | Antenna Gain [dBi] | Max EIRP [dBm] | Max Output Power [mW] | Max EIRP [mW] |
|--------|----------|----------|------|---------|-------------|-------------------|--------------|--------------------|------------------------|--------------------|----------------|-----------------------|---------------|
| UNII-6 | 802.11be | 80       | MCS0 | 103     | 6465        | 60 / 91 (Low)     | SISO A       | 18.08              | 18.08                  | 5.02               | 23.10          | 64.27                 | 204.17        |
|        |          |          |      |         |             |                   | SISO B       | 18.98              | 18.98                  |                    | 24.00          | 79.07                 | 251.19        |
|        |          |          |      |         |             |                   | MIMO A       | 17.76              | 17.76                  |                    | 22.78          | 59.70                 | 189.67        |
|        |          |          |      |         |             |                   | MIMO B       | 17.86              | 17.86                  |                    | 22.88          | 61.09                 | 194.09        |
|        |          |          |      |         |             |                   | Combined A+B | 20.82              | 20.82                  |                    | 25.84          | 120.80                | 383.76        |
|        |          |          |      |         |             | 60 / 92 (Mid)     | SISO A       | 18.35              | 18.35                  |                    | 23.37          | 68.39                 | 217.27        |
|        |          |          |      |         |             |                   | SISO B       | 18.30              | 18.30                  |                    | 23.32          | 67.61                 | 214.78        |
|        |          |          |      |         |             |                   | MIMO A       | 17.98              | 17.98                  |                    | 23.00          | 62.81                 | 199.53        |
|        |          |          |      |         |             |                   | MIMO B       | 18.05              | 18.05                  |                    | 23.07          | 63.83                 | 202.77        |
|        |          |          |      |         |             |                   | Combined A+B | 21.03              | 21.03                  |                    | 26.05          | 126.63                | 402.29        |
|        |          | 160      | MCS0 | 119     | 6545        | 60 / 91 (Low)     | SISO A       | 17.66              | 17.66                  |                    | 22.68          | 58.34                 | 185.35        |
|        |          |          |      |         |             |                   | SISO B       | 17.95              | 17.95                  |                    | 22.97          | 62.37                 | 198.15        |
|        |          |          |      |         |             |                   | MIMO A       | 17.24              | 17.24                  |                    | 22.26          | 52.97                 | 168.27        |
|        |          |          |      |         |             |                   | MIMO B       | 17.69              | 17.69                  |                    | 22.71          | 58.75                 | 186.64        |
|        |          |          |      |         |             |                   | Combined A+B | 20.48              | 20.48                  |                    | 25.50          | 111.72                | 354.91        |
|        |          |          |      |         |             | 60 / 92 (Mid)     | SISO A       | 17.88              | 17.88                  |                    | 22.90          | 61.38                 | 194.98        |
|        |          |          |      |         |             |                   | SISO B       | 17.93              | 17.93                  |                    | 22.95          | 62.09                 | 197.24        |
|        |          |          |      |         |             |                   | MIMO A       | 17.70              | 17.70                  |                    | 22.72          | 58.88                 | 187.07        |
|        |          |          |      |         |             |                   | MIMO B       | 17.88              | 17.88                  |                    | 22.90          | 61.38                 | 194.98        |
|        |          |          |      |         |             |                   | Combined A+B | 20.80              | 20.80                  |                    | 25.82          | 120.26                | 382.05        |
|        |          |          |      | 111     | 6505        | 120 / 95 (Low)    | SISO A       | 16.30              | 16.30                  |                    | 21.32          | 42.66                 | 135.52        |
|        |          |          |      |         |             |                   | SISO B       | 16.13              | 16.13                  |                    | 21.15          | 41.02                 | 130.32        |
|        |          |          |      |         |             |                   | MIMO A       | 15.92              | 15.92                  |                    | 20.94          | 39.08                 | 124.17        |
|        |          |          |      |         |             |                   | MIMO B       | 16.29              | 16.29                  |                    | 21.31          | 42.56                 | 135.21        |
|        |          |          |      |         |             |                   | Combined A+B | 19.12              | 19.12                  |                    | 24.14          | 81.64                 | 259.37        |
|        |          |          |      |         |             | 120 / s95 (High)  | SISO A       | 16.34              | 16.34                  |                    | 21.36          | 43.05                 | 136.77        |
|        |          |          |      |         |             |                   | SISO B       | 16.56              | 16.56                  |                    | 21.58          | 45.29                 | 143.88        |
|        |          |          |      |         |             |                   | MIMO A       | 16.23              | 16.23                  |                    | 21.25          | 41.98                 | 133.35        |
|        |          |          |      |         |             |                   | MIMO B       | 16.50              | 16.50                  |                    | 21.52          | 44.67                 | 141.91        |
|        |          |          |      |         |             |                   | Combined A+B | 19.38              | 19.38                  |                    | 24.40          | 86.64                 | 275.26        |
|        |          |          |      |         |             | 140 / 97 (Low)    | SISO A       | 16.35              | 16.35                  |                    | 21.37          | 43.15                 | 137.09        |
|        |          |          |      |         |             |                   | SISO B       | 16.42              | 16.42                  |                    | 21.44          | 43.85                 | 139.32        |
|        |          |          |      |         |             |                   | MIMO A       | 15.97              | 15.97                  |                    | 20.99          | 39.54                 | 125.60        |
|        |          |          |      |         |             |                   | MIMO B       | 15.98              | 15.98                  |                    | 21.00          | 39.63                 | 125.89        |
|        |          |          |      |         |             |                   | Combined A+B | 18.99              | 18.99                  |                    | 24.01          | 79.16                 | 251.50        |
|        |          |          |      |         |             | 140 / s99 (High)  | SISO A       | 16.96              | 16.96                  |                    | 21.98          | 49.66                 | 157.76        |
|        |          |          |      |         |             |                   | SISO B       | 17.20              | 17.20                  |                    | 22.22          | 52.48                 | 166.72        |
|        |          |          |      |         |             |                   | MIMO A       | 16.49              | 16.49                  |                    | 21.51          | 44.57                 | 141.58        |
|        |          |          |      |         |             |                   | MIMO B       | 16.80              | 16.80                  |                    | 21.82          | 47.86                 | 152.05        |
|        |          |          |      |         |             |                   | Combined A+B | 19.66              | 19.66                  |                    | 24.68          | 92.43                 | 293.63        |

(1) Value compensated with the duty cycle

(2) Max/Min value highlighted per bandwidth

**UNII7 (FCC & ISSED)**

| Band   | Mode     | BW [MHz] | Rate  | Channel | Freq. [MHz] | Puncturing Config | Chain        | Output Power [dBm] | Max Output Power [dBm] | Antenna Gain [dBi] | Max EIRP [dBm] | Max Output Power [mW] | Max EIRP [mW] |
|--------|----------|----------|-------|---------|-------------|-------------------|--------------|--------------------|------------------------|--------------------|----------------|-----------------------|---------------|
| UNII-7 | 802.11be | 160      | MC S0 | 143     | 6665        | 120 / 95 (Low)    | SISO A       | 16.02              | 16.02                  | 5.02               | 21.04          | 39.99                 | 127.06        |
|        |          |          |       |         |             |                   | SISO B       | 15.63              | 15.63                  |                    | 20.65          | 36.56                 | 116.14        |
|        |          |          |       |         |             |                   | MIMO A       | 15.65              | 15.65                  |                    | 20.67          | 36.73                 | 116.68        |
|        |          |          |       |         |             |                   | MIMO B       | 15.77              | 15.77                  |                    | 20.79          | 37.76                 | 119.95        |
|        |          |          |       |         |             |                   | Combined A+B | 18.72              | 18.72                  |                    | 23.74          | 74.49                 | 236.63        |
|        |          |          |       |         |             | 120 / s95 (High)  | SISO A       | 16.96              | 16.96                  |                    | 21.98          | 49.66                 | 157.76        |
|        |          |          |       |         |             |                   | SISO B       | 17.07              | 17.07                  |                    | 22.09          | 50.93                 | 161.81        |
|        |          |          |       |         |             |                   | MIMO A       | 16.87              | 16.87                  |                    | 21.89          | 48.64                 | 154.53        |
|        |          |          |       |         |             |                   | MIMO B       | 17.12              | 17.12                  |                    | 22.14          | 51.52                 | 163.68        |
|        |          |          |       |         |             |                   | Combined A+B | 20.01              | 20.01                  |                    | 25.03          | 100.16                | 318.21        |
|        |          |          |       |         |             | 140 / 97 (Low)    | SISO A       | 16.22              | 16.22                  |                    | 21.24          | 41.88                 | 133.05        |
|        |          |          |       |         |             |                   | SISO B       | 16.26              | 16.26                  |                    | 21.28          | 42.27                 | 134.28        |
|        |          |          |       |         |             |                   | MIMO A       | 16.23              | 16.23                  |                    | 21.25          | 41.98                 | 133.35        |
|        |          |          |       |         |             |                   | MIMO B       | 16.12              | 16.12                  |                    | 21.14          | 40.93                 | 130.02        |
|        |          |          |       |         |             |                   | Combined A+B | 19.19              | 19.19                  |                    | 24.21          | 82.90                 | 263.37        |
|        |          |          |       |         |             | 140 / s99 (High)  | SISO A       | 16.88              | 16.88                  |                    | 21.90          | 48.75                 | 154.88        |
|        |          |          |       |         |             |                   | SISO B       | 16.85              | 16.85                  |                    | 21.87          | 48.42                 | 153.82        |
|        |          |          |       |         |             |                   | MIMO A       | 16.67              | 16.67                  |                    | 21.69          | 46.45                 | 147.57        |
|        |          |          |       |         |             |                   | MIMO B       | 16.88              | 16.88                  |                    | 21.90          | 48.75                 | 154.88        |
|        |          |          |       |         |             |                   | Combined A+B | 19.79              | 19.79                  |                    | 24.81          | 95.20                 | 302.45        |

- (1) Value compensated with the duty cycle  
(2) Max/Min value highlighted per bandwidth

# Maximum Power Spectral Density (PSD)

## UNII5 (FCC & ISSED)

| Band   | Mode     | BW [MHz] | Rate  | Channel | Freq. [Mhz] | Puncturing Config | Chain        | PSD [dBm/MHz] | Max <sup>(1)</sup> PSD [dBm/MHz] | Antenna Gain [dBi] | Max <sup>(1)</sup> PSD EIRP [dBm/MHz] |
|--------|----------|----------|-------|---------|-------------|-------------------|--------------|---------------|----------------------------------|--------------------|---------------------------------------|
| UNII-5 | 802.11be | 80       | MC S0 | 7       | 5985        | 60 / 91 (Low)     | SISO A       | 0.82          | 0.82                             | 5.02               | 5.84                                  |
|        |          |          |       |         |             |                   | SISO B       | 1.86          | 1.86                             |                    | 6.88                                  |
|        |          |          |       |         |             |                   | MIMO A       | 2.31          | 2.31                             |                    | 7.33                                  |
|        |          |          |       |         |             |                   | MIMO B       | 1.33          | 1.33                             |                    | 6.35                                  |
|        |          |          |       |         |             |                   | Combined A+B | 4.86          | 4.86                             |                    | 9.88                                  |
|        |          |          |       |         |             | 60 / 92 (Mid)     | SISO A       | 1.11          | 1.11                             |                    | 6.13                                  |
|        |          |          |       |         |             |                   | SISO B       | 1.69          | 1.69                             |                    | 6.71                                  |
|        |          |          |       |         |             |                   | MIMO A       | 1.79          | 1.79                             |                    | 6.81                                  |
|        |          |          |       |         |             |                   | MIMO B       | 2.08          | 2.08                             |                    | 7.10                                  |
|        |          |          |       |         |             |                   | Combined A+B | 4.95          | 4.95                             |                    | 9.97                                  |
|        |          | 160      | MC S0 | 47      | 6185        | 120 / 95 (Low)    | SISO A       | -2.69         | -2.69                            |                    | 2.33                                  |
|        |          |          |       |         |             |                   | SISO B       | -3.27         | -3.27                            |                    | 1.75                                  |
|        |          |          |       |         |             |                   | MIMO A       | -3.16         | -3.16                            |                    | 1.86                                  |
|        |          |          |       |         |             |                   | MIMO B       | -2.89         | -2.89                            |                    | 2.13                                  |
|        |          |          |       |         |             |                   | Combined A+B | -0.01         | -0.01                            |                    | 5.01                                  |
|        |          |          |       |         |             | 120 / s95 (High)  | SISO A       | -2.49         | -2.49                            |                    | 2.53                                  |
|        |          |          |       |         |             |                   | SISO B       | -2.52         | -2.52                            |                    | 2.50                                  |
|        |          |          |       |         |             |                   | MIMO A       | -2.50         | -2.50                            |                    | 2.52                                  |
|        |          |          |       |         |             |                   | MIMO B       | -2.37         | -2.37                            |                    | 2.65                                  |
|        |          |          |       |         |             |                   | Combined A+B | 0.58          | 0.58                             |                    | 5.60                                  |
|        |          |          |       |         |             | 140 / 97 (Low)    | SISO A       | -2.88         | -2.88                            |                    | 2.14                                  |
|        |          |          |       |         |             |                   | SISO B       | -3.42         | -3.42                            |                    | 1.60                                  |
|        |          |          |       |         |             |                   | MIMO A       | -3.89         | -3.89                            |                    | 1.13                                  |
|        |          |          |       |         |             |                   | MIMO B       | -3.20         | -3.20                            |                    | 1.82                                  |
|        |          |          |       |         |             |                   | Combined A+B | -0.52         | -0.52                            |                    | 4.50                                  |
|        |          |          |       |         |             | 140 / s99 (High)  | SISO A       | -2.59         | -2.59                            |                    | 2.43                                  |
|        |          |          |       |         |             |                   | SISO B       | -2.64         | -2.64                            |                    | 2.38                                  |
|        |          |          |       |         |             |                   | MIMO A       | -3.31         | -3.31                            |                    | 1.71                                  |
|        |          |          |       |         |             |                   | MIMO B       | -2.94         | -2.94                            |                    | 2.08                                  |
|        |          |          |       |         |             |                   | Combined A+B | -0.11         | -0.11                            |                    | 4.91                                  |
|        |          | 320      | MC S0 | 63      | 6265        | 200 / 101 (Low)   | SISO A       | -5.36         | -5.36                            |                    | -0.34                                 |
|        |          |          |       |         |             |                   | SISO B       | -5.41         | -5.41                            |                    | -0.39                                 |
|        |          |          |       |         |             |                   | MIMO A       | -5.44         | -5.44                            |                    | -0.42                                 |
|        |          |          |       |         |             |                   | MIMO B       | -5.49         | -5.49                            |                    | -0.47                                 |
|        |          |          |       |         |             |                   | Combined A+B | -2.45         | -2.45                            |                    | 2.57                                  |
|        |          |          |       |         |             | 200 / s101 (High) | SISO A       | -5.46         | -5.46                            |                    | -0.44                                 |
|        |          |          |       |         |             |                   | SISO B       | -5.48         | -5.48                            |                    | -0.46                                 |
|        |          |          |       |         |             |                   | MIMO A       | -5.43         | -5.43                            |                    | -0.41                                 |
|        |          |          |       |         |             |                   | MIMO B       | -4.91         | -4.91                            |                    | 0.11                                  |
|        |          |          |       |         |             |                   | Combined A+B | -2.15         | -2.15                            |                    | 2.87                                  |
|        |          |          |       |         |             | 240 / s104 (Low)  | SISO A       | -9.72         | -9.72                            |                    | -4.70                                 |
|        |          |          |       |         |             |                   | SISO B       | -9.77         | -9.77                            |                    | -4.75                                 |
|        |          |          |       |         |             |                   | MIMO A       | -9.78         | -9.78                            |                    | -4.76                                 |
|        |          |          |       |         |             |                   | MIMO B       | -9.59         | -9.59                            |                    | -4.57                                 |
|        |          |          |       |         |             |                   | Combined A+B | -6.67         | -6.67                            |                    | -1.65                                 |

(1) Value compensated with the duty cycle

**UNII6 (Only ISSED)**

| Band   | Mode     | BW [MHz] | Rate  | Channel | Freq. [MHz] | Puncturing Config | Chain        | PSD [dBm/MHz] | Max <sup>(1)</sup> PSD [dBm/MHz] | Antenna Gain [dBi] | Max <sup>(1)</sup> PSD EIRP [dBm/MHz] |
|--------|----------|----------|-------|---------|-------------|-------------------|--------------|---------------|----------------------------------|--------------------|---------------------------------------|
| UNII-6 | 802.11be | 80       | MC SO | 103     | 6465        | 60 / 91 (Low)     | SISO A       | 1.40          | 1.40                             | 5.02               | 6.42                                  |
|        |          |          |       |         |             |                   | SISO B       | 2.28          | 2.28                             |                    | 7.30                                  |
|        |          |          |       |         |             |                   | MIMO A       | 1.18          | 1.18                             |                    | 6.20                                  |
|        |          |          |       |         |             |                   | MIMO B       | 1.28          | 1.28                             |                    | 6.30                                  |
|        |          |          |       |         |             |                   | Combined A+B | 4.24          | 4.24                             |                    | 9.26                                  |
|        |          |          |       |         |             | 60 / 92 (Mid)     | SISO A       | 1.74          | 1.74                             |                    | 6.76                                  |
|        |          |          |       |         |             |                   | SISO B       | 1.73          | 1.73                             |                    | 6.75                                  |
|        |          |          |       |         |             |                   | MIMO A       | 1.36          | 1.36                             |                    | 6.38                                  |
|        |          |          |       |         |             |                   | MIMO B       | 1.26          | 1.26                             |                    | 6.28                                  |
|        |          |          |       |         |             |                   | Combined A+B | 4.32          | 4.32                             |                    | 9.34                                  |
|        |          | 160      | MC SO | 119     | 6545        | 60 / 91 (Low)     | SISO A       | 0.95          | 0.95                             |                    | 5.97                                  |
|        |          |          |       |         |             |                   | SISO B       | 1.43          | 1.43                             |                    | 6.45                                  |
|        |          |          |       |         |             |                   | MIMO A       | 0.61          | 0.61                             |                    | 5.63                                  |
|        |          |          |       |         |             |                   | MIMO B       | 1.00          | 1.00                             |                    | 6.02                                  |
|        |          |          |       |         |             |                   | Combined A+B | 3.82          | 3.82                             |                    | 8.84                                  |
|        |          |          |       |         |             | 60 / 92 (Mid)     | SISO A       | 1.15          | 1.15                             |                    | 6.17                                  |
|        |          |          |       |         |             |                   | SISO B       | 1.43          | 1.43                             |                    | 6.45                                  |
|        |          |          |       |         |             |                   | MIMO A       | 1.08          | 1.08                             |                    | 6.10                                  |
|        |          |          |       |         |             |                   | MIMO B       | 1.24          | 1.24                             |                    | 6.26                                  |
|        |          |          |       |         |             |                   | Combined A+B | 4.17          | 4.17                             |                    | 9.19                                  |
|        |          |          |       | 111     | 6505        | 120 / 95 (Low)    | SISO A       | -2.95         | -2.95                            |                    | 2.07                                  |
|        |          |          |       |         |             |                   | SISO B       | -3.37         | -3.37                            |                    | 1.65                                  |
|        |          |          |       |         |             |                   | MIMO A       | -3.51         | -3.51                            |                    | 1.51                                  |
|        |          |          |       |         |             |                   | MIMO B       | -3.18         | -3.18                            |                    | 1.84                                  |
|        |          |          |       |         |             |                   | Combined A+B | -0.33         | -0.33                            |                    | 4.69                                  |
|        |          |          |       |         |             | 120 / s95 (High)  | SISO A       | -3.17         | -3.17                            |                    | 1.85                                  |
|        |          |          |       |         |             |                   | SISO B       | -2.90         | -2.90                            |                    | 2.12                                  |
|        |          |          |       |         |             |                   | MIMO A       | -3.18         | -3.18                            |                    | 1.84                                  |
|        |          |          |       |         |             |                   | MIMO B       | -2.93         | -2.93                            |                    | 2.09                                  |
|        |          |          |       |         |             |                   | Combined A+B | -0.04         | -0.04                            |                    | 4.98                                  |
|        |          |          |       |         |             | 140 / 97 (Low)    | SISO A       | -3.81         | -3.81                            |                    | 1.21                                  |
|        |          |          |       |         |             |                   | SISO B       | -3.49         | -3.49                            |                    | 1.53                                  |
|        |          |          |       |         |             |                   | MIMO A       | -4.08         | -4.08                            |                    | 0.94                                  |
|        |          |          |       |         |             |                   | MIMO B       | -4.10         | -4.10                            |                    | 0.92                                  |
|        |          |          |       |         |             |                   | Combined A+B | -1.08         | -1.08                            |                    | 3.94                                  |
|        |          |          |       |         |             | 140 / s99 (High)  | SISO A       | -3.14         | -3.14                            |                    | 1.88                                  |
|        |          |          |       |         |             |                   | SISO B       | -2.89         | -2.89                            |                    | 2.13                                  |
|        |          |          |       |         |             |                   | MIMO A       | -3.56         | -3.56                            |                    | 1.46                                  |
|        |          |          |       |         |             |                   | MIMO B       | -3.32         | -3.32                            |                    | 1.70                                  |
|        |          |          |       |         |             |                   | Combined A+B | -0.43         | -0.43                            |                    | 4.59                                  |

<sup>(1)</sup> Value compensated with the duty cycle.

**UNII7 (FCC & ISSED)**

| Band   | Mode     | BW [MHz] | Rate  | Channel | Freq. [MHz] | Puncturing Config | Chain        | PSD [dBm/MHz] | Max <sup>(1)</sup> PSD [dBm/MHz] | Antenna Gain [dBi] | Max <sup>(1)</sup> PSD EIRP [dBm/MHz] |
|--------|----------|----------|-------|---------|-------------|-------------------|--------------|---------------|----------------------------------|--------------------|---------------------------------------|
| UNII-7 | 802.11be | 160      | MC S0 | 143     | 6665        | 120 / 95 (Low)    | SISO A       | -3.52         | -3.52                            | 5.02               | 1.50                                  |
|        |          |          |       |         |             |                   | SISO B       | -3.88         | -3.88                            |                    | 1.14                                  |
|        |          |          |       |         |             |                   | MIMO A       | -3.79         | -3.79                            |                    | 1.23                                  |
|        |          |          |       |         |             |                   | MIMO B       | -3.55         | -3.55                            |                    | 1.47                                  |
|        |          |          |       |         |             |                   | Combined A+B | -0.66         | -0.66                            |                    | 4.36                                  |
|        |          |          |       |         |             | 120 / s95 (High)  | SISO A       | -2.38         | -2.38                            |                    | 2.64                                  |
|        |          |          |       |         |             |                   | SISO B       | -2.47         | -2.47                            |                    | 2.55                                  |
|        |          |          |       |         |             |                   | MIMO A       | -2.63         | -2.63                            |                    | 2.39                                  |
|        |          |          |       |         |             |                   | MIMO B       | -2.37         | -2.37                            |                    | 2.65                                  |
|        |          |          |       |         |             |                   | Combined A+B | 0.51          | 0.51                             |                    | 5.53                                  |
|        |          |          |       |         |             | 140 / 97 (Low)    | SISO A       | -3.98         | -3.98                            |                    | 1.04                                  |
|        |          |          |       |         |             |                   | SISO B       | -3.67         | -3.67                            |                    | 1.35                                  |
|        |          |          |       |         |             |                   | MIMO A       | -3.81         | -3.81                            |                    | 1.21                                  |
|        |          |          |       |         |             |                   | MIMO B       | -4.00         | -4.00                            |                    | 1.02                                  |
|        |          |          |       |         |             |                   | Combined A+B | -0.89         | -0.89                            |                    | 4.13                                  |
|        |          |          |       |         |             | 140 / s99 (High)  | SISO A       | -3.29         | -3.29                            |                    | 1.73                                  |
|        |          |          |       |         |             |                   | SISO B       | -3.40         | -3.40                            |                    | 1.62                                  |
|        |          |          |       |         |             |                   | MIMO A       | -3.47         | -3.47                            |                    | 1.55                                  |
|        |          |          |       |         |             |                   | MIMO B       | -3.29         | -3.29                            |                    | 1.73                                  |
|        |          |          |       |         |             |                   | Combined A+B | -0.37         | -0.37                            |                    | 4.65                                  |

Value compensated with the duty cycle

(1)

### B.2.3 Emissions mask

#### Test limits

| FCC part          | RSS part                 | Limits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15.407 (b)<br>(7) | RSS-248<br>Clause 4.6.2b | <ul style="list-style-type: none"><li>▪ For transmitters operating within the 5.925–7.125 GHz bands: Power spectral density must be suppressed:<ul style="list-style-type: none"><li>○ by 20 dB at 1 MHz outside of channel edge,</li><li>○ by 28 dB at one channel bandwidth from the channel center, and</li><li>○ by 40 dB at one- and one-half times the channel bandwidth away from channel center.</li></ul></li><li>▪ At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and</li><li>▪ at frequencies between one and one- and onehalf times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression.</li><li>▪ Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.</li></ul> |

#### Test procedure

The conducted setup shown in section *Test & System Description* was used to measure the unwanted mask emissions. The antenna terminal of the EUT is connected to the spectrum analyzer through an attenuator, and the spectrum analyzer reading is compensated to include the RF path loss and the declared antenna gain.

The nominal bandwidth was used to construct the mask according to KDB 987594 D02.

**See Section C.1.2 for the screenshot results.**

**B.2.4 Undesirable emission limits : out of band (Conducted)**Test limits

| FCC part      | RSS Part              | Limits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15.407 (b)(6) | RSS-248 Clause 4.6.2a | For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 15.35 (b)     | -                     | Unless otherwise specified, on any frequency or frequencies above 1000 MHz, the radiated emission limits are based on the use of measurement instrumentation employing an average detector function. Unless otherwise specified, measurements above 1000 MHz shall be performed using a minimum resolution bandwidth of 1 MHz. When average radiated emission measurements are specified in this part, including average emission measurements below 1000 MHz, there also is a limit on the peak level of the radio frequency emissions. Unless otherwise specified, e.g., see §§ 15.250, 15.252, 15.253(d), 15.255, 15.256, and 15.509 through 15.519, the limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device, e.g., the total peak power level |

Test procedure

The conducted setup shown in section *Test & System Description* was used to measure undesirable emissions on the out of band domain. The antenna terminal of the EUT is connected to the spectrum analyzer through an attenuator, and the spectrum analyzer reading is compensated to include the RF path loss and the declared antenna gain.

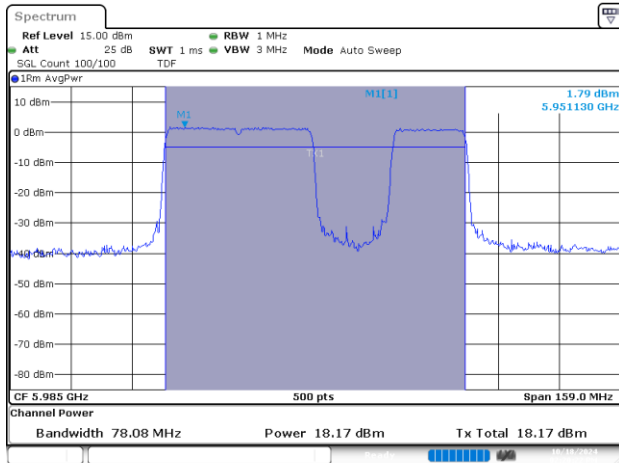
For the lower and upper side of the out of band, the integration method was used as defined in the out of band measurements section II.G.3.d of KDB 789033. Tests were performed using both RMS and peak detectors.

For out of band emission measurements in MIMO mode the emission level of individual output is adjusted by  $10 \log(N_{\text{ant}}) = 3\text{dB}$  for  $N_{\text{ant}} = 2$  which is equivalent to compare the individual output emission level to the limit minus 3dB. The same approach is applied for peak and RMS detectors.

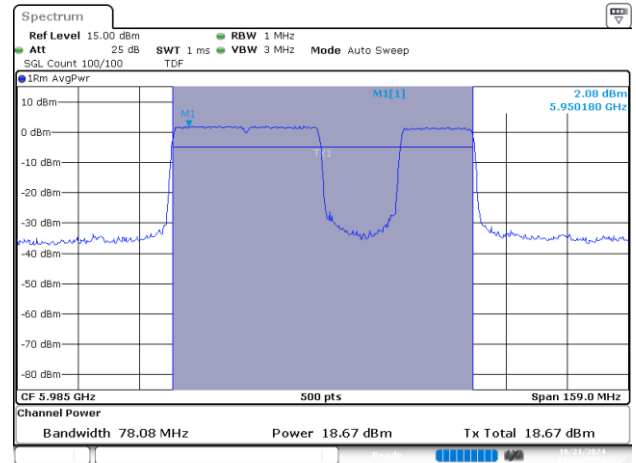
**See Section C.1.3 for the screenshot results.**

# Annex C. System Plots

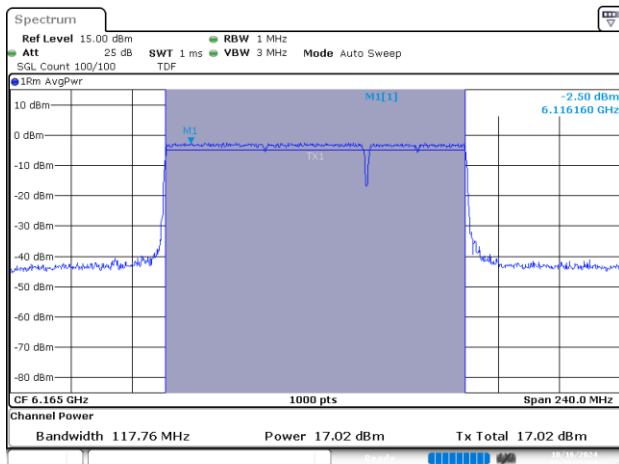
## C.1.1 Maximum Output Power & Maximum power spectral Density



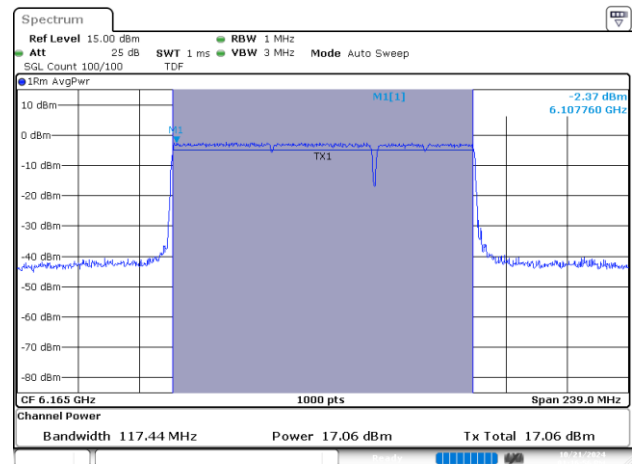
MIMO A-802.11be-80MHz-Ch7-5985MHz-MRU60/92-MCS0



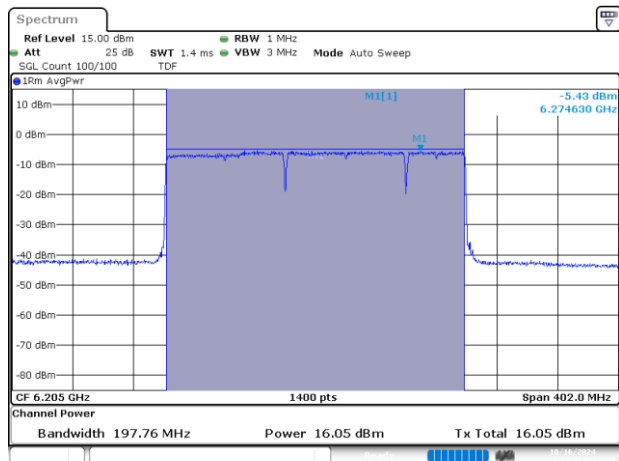
MIMO B-802.11be-80MHz-Ch7-5985MHz-MRU60/92-MCS0



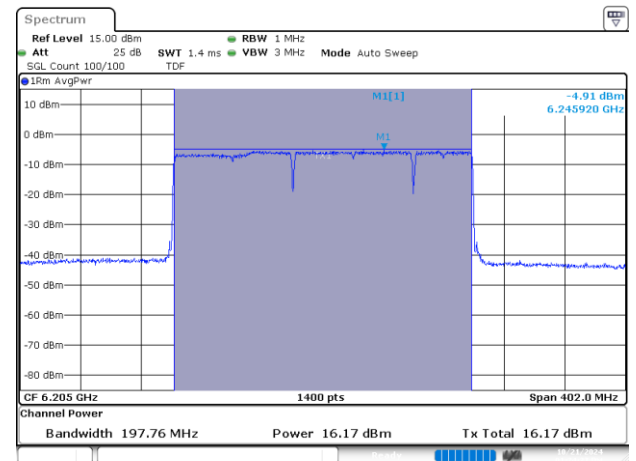
MIMO A-802.11be-160MHz-Ch47-6185MHz-MRU120/s95-MCS0



MIMO B-802.11be-160MHz-Ch47-6185MHz-MRU120/s95-MCS0

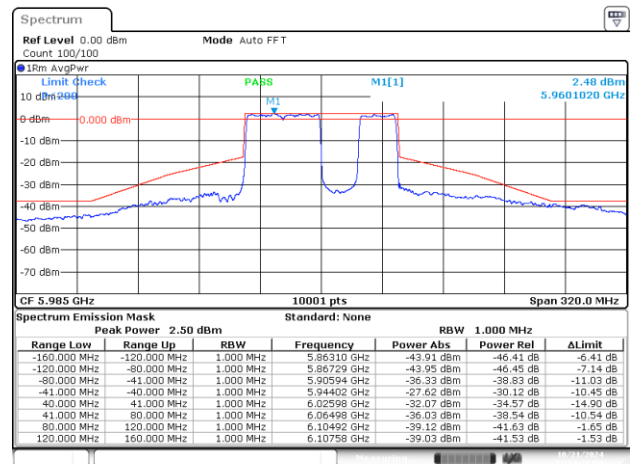
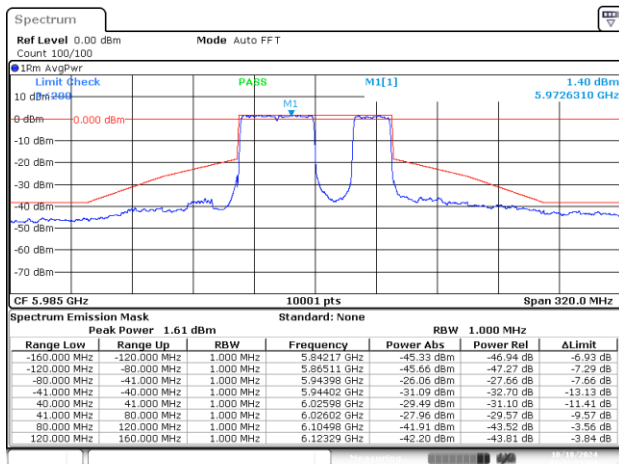


MIMO A-802.11be-320MHz-Ch63-6265MHz-MRU200/s101-MCS0



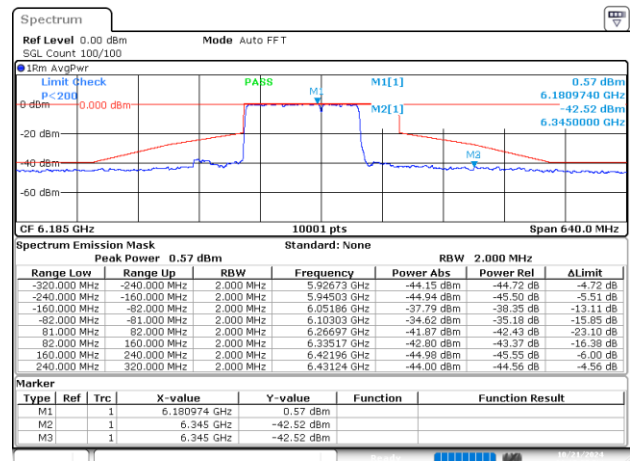
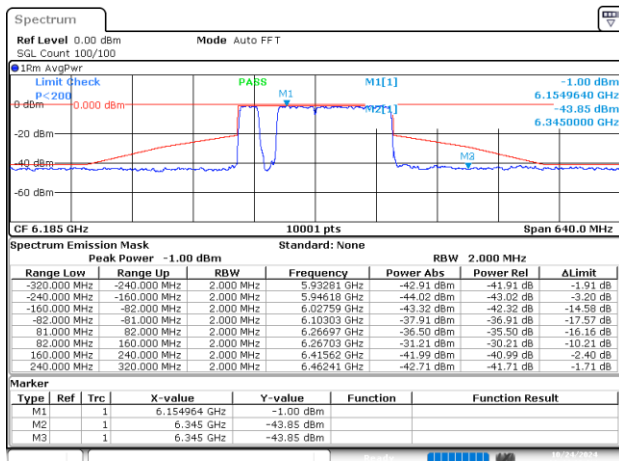
MIMO B-802.11be-320MHz-Ch63-6265MHz-MRU200/s101-MCS0

## C.1.2 In-Band Emissions (Mask)



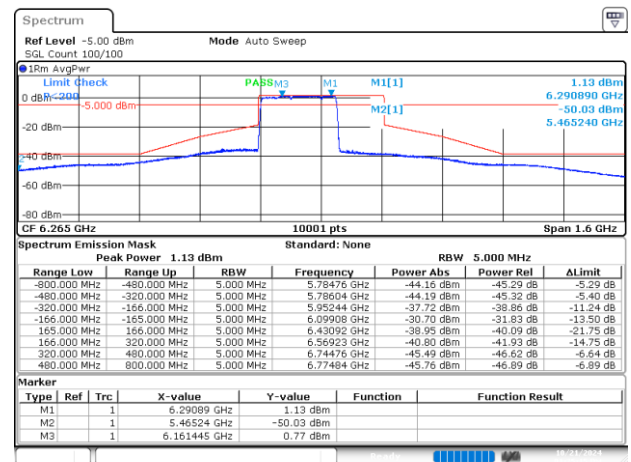
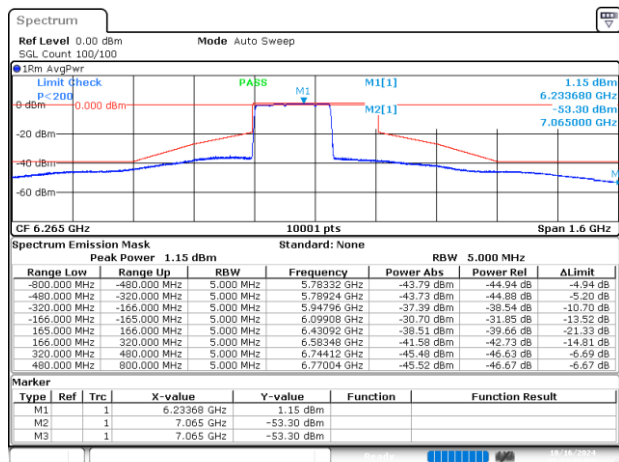
MIMO A-802.11be-80MHz-Ch7-5985MHz-MRU60/92-MCS0

MIMO B-802.11be-80MHz-Ch7-5985MHz-MRU60/92-MCS0



MIMO A-802.11be-160MHz-Ch47-6185MHz-MRU120/s95-MCS0

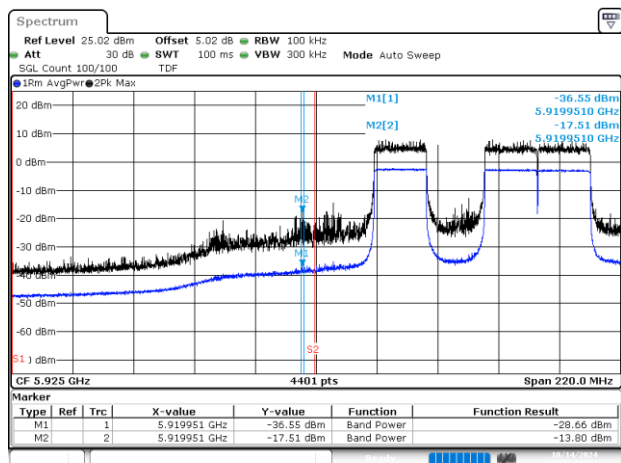
MIMO B-802.11be-160MHz-Ch47-6185MHz-MRU120/s95-MCS0



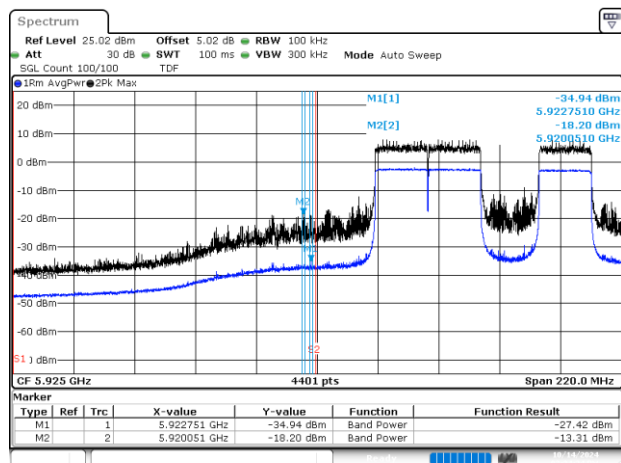
MIMO A-802.11be-320MHz-Ch63-6265MHz-MRU200/s101-MCS0

MIMO B-802.11be-320MHz-Ch63-6265MHz-MRU200/s101-MCS0

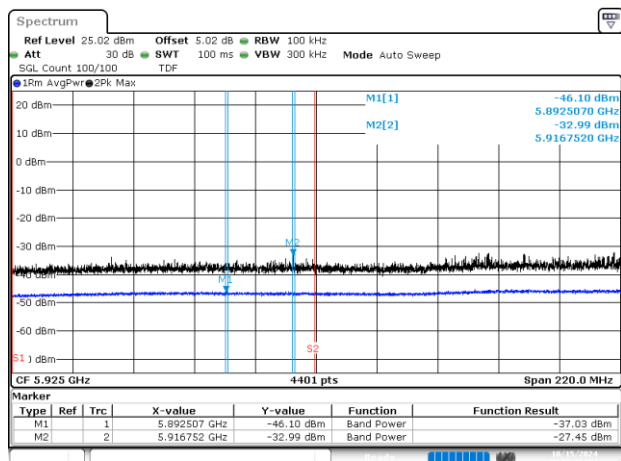
### C.1.3 Undesirable emission limits : out of band (Conducted)



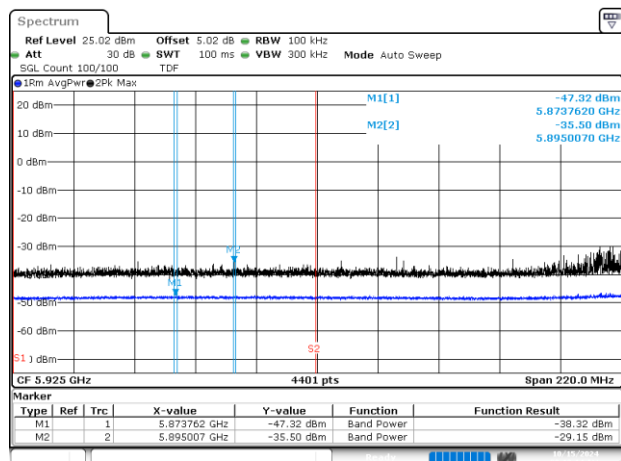
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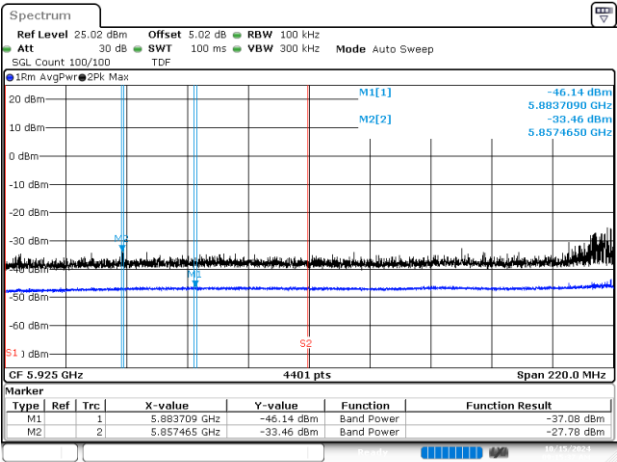
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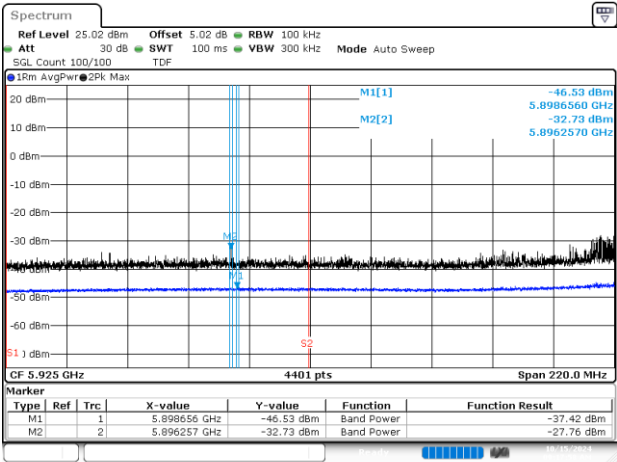
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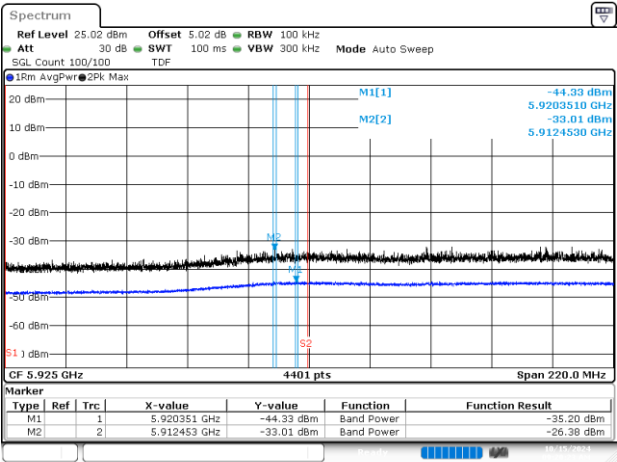
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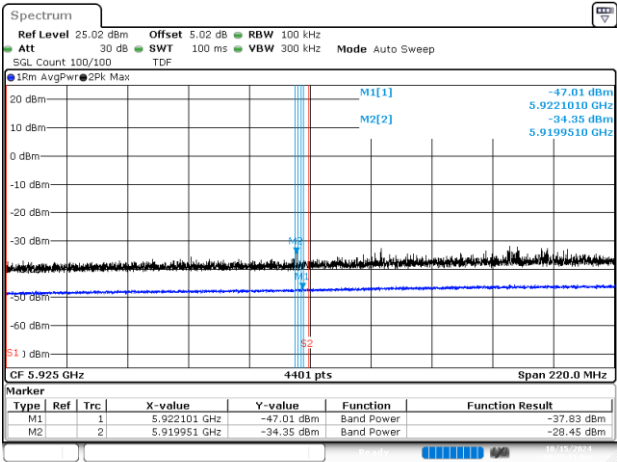
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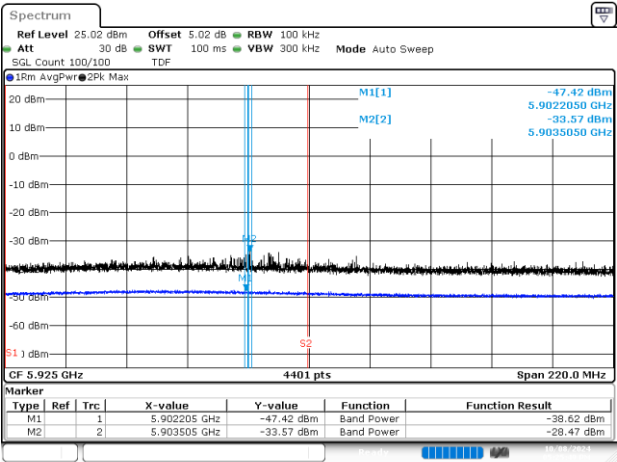
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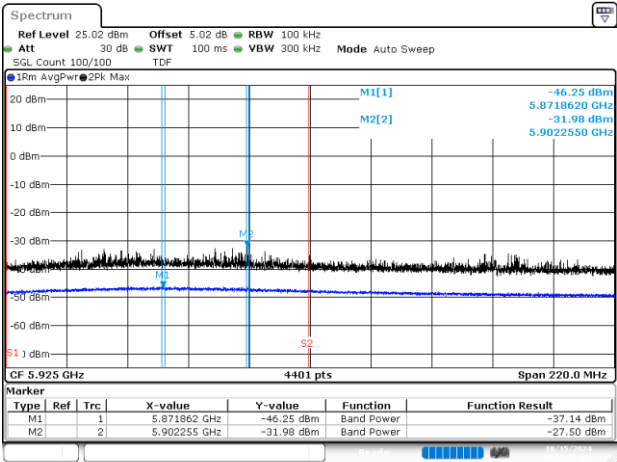
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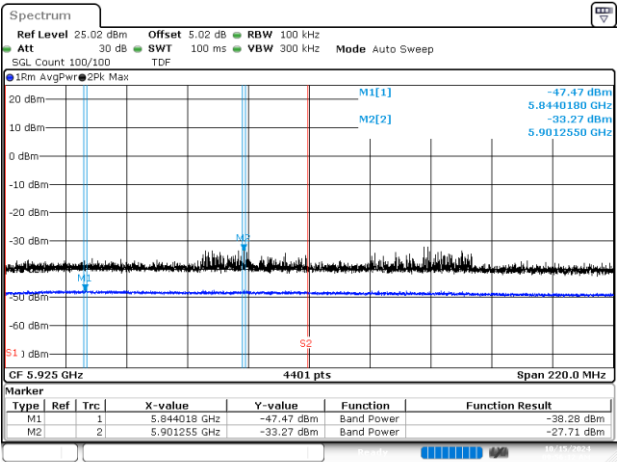
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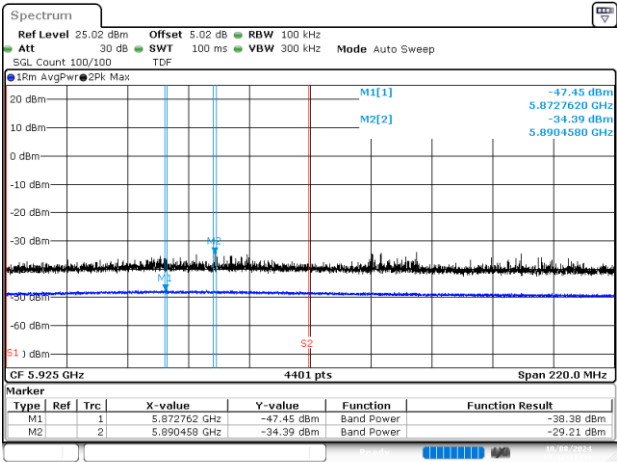
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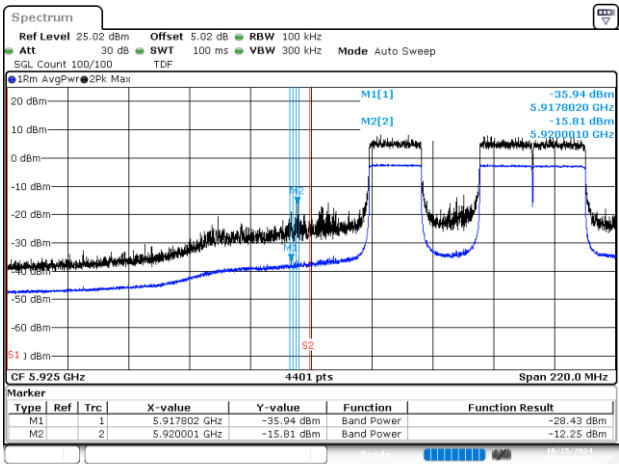
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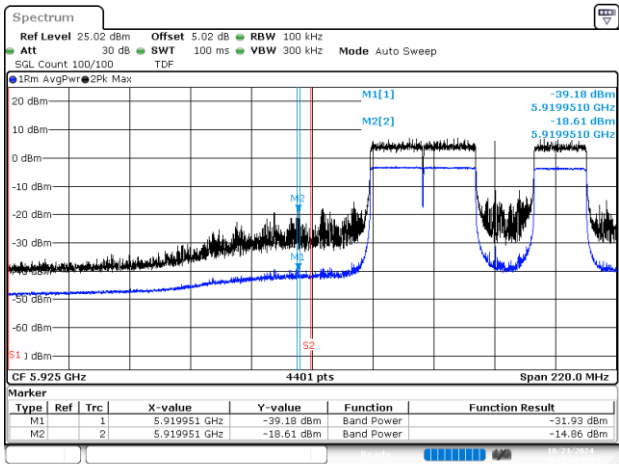
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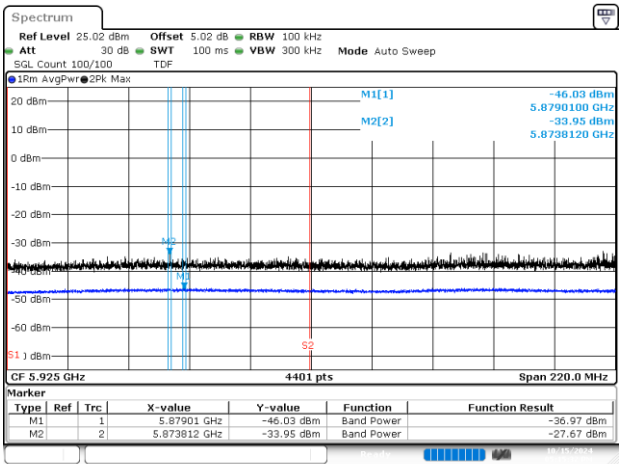
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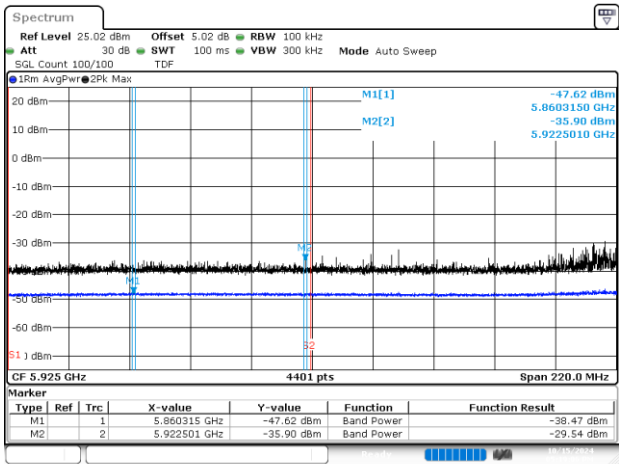
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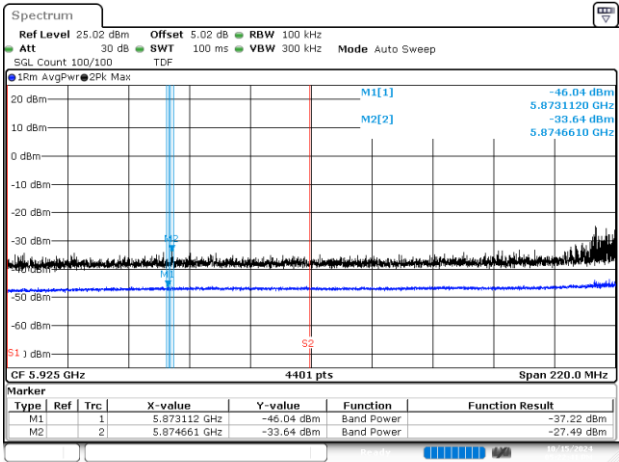
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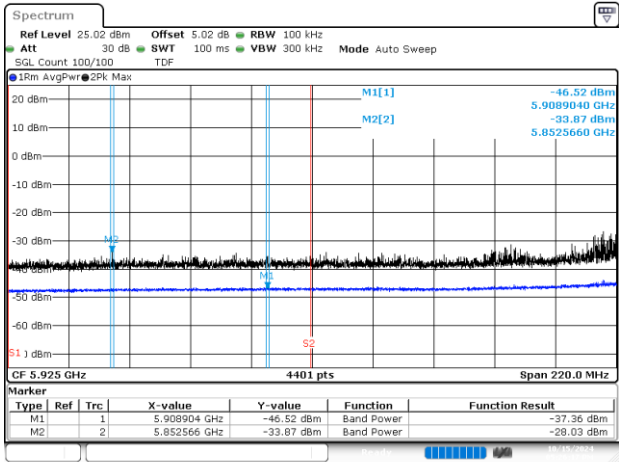
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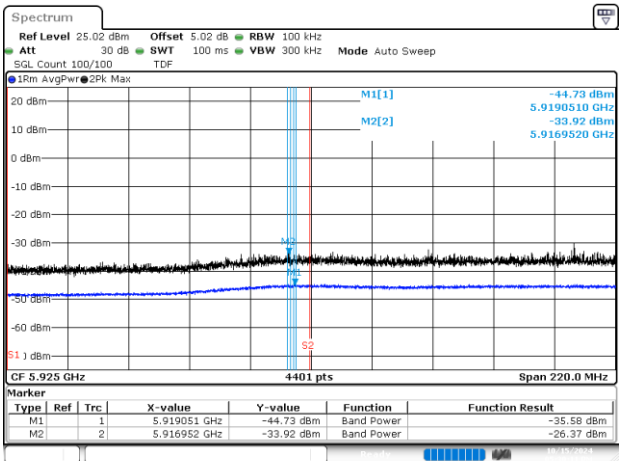
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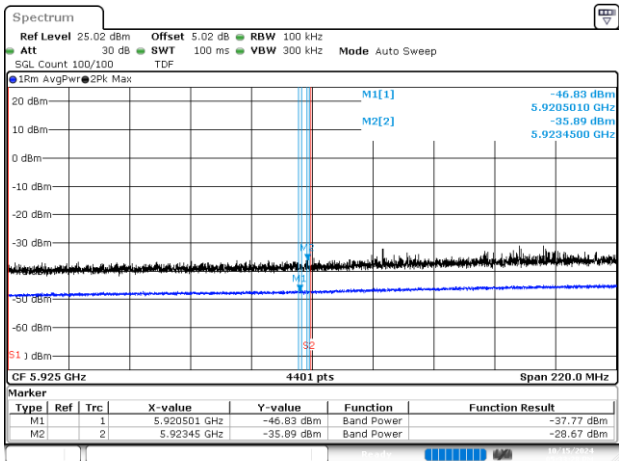
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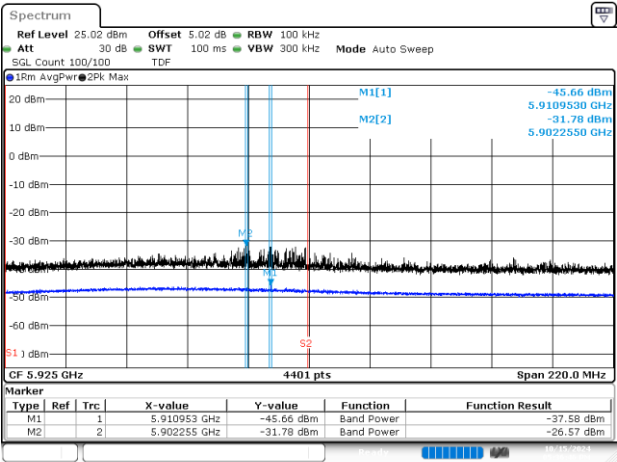
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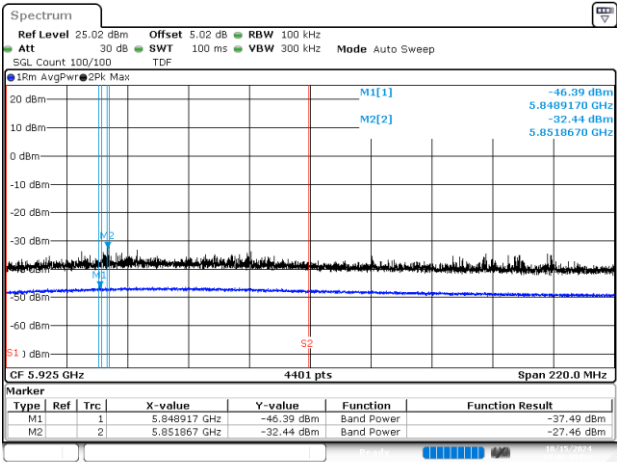
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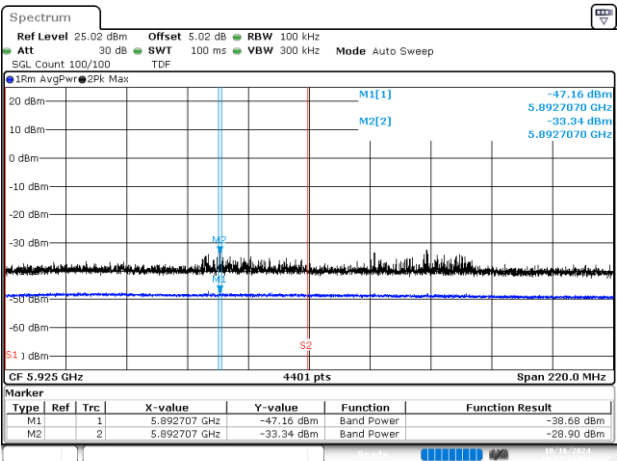
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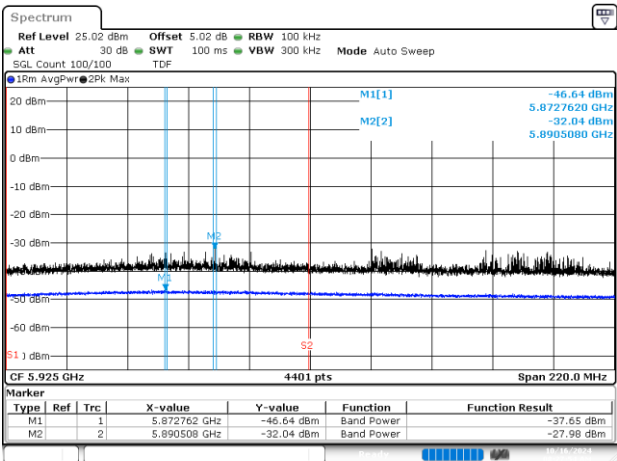
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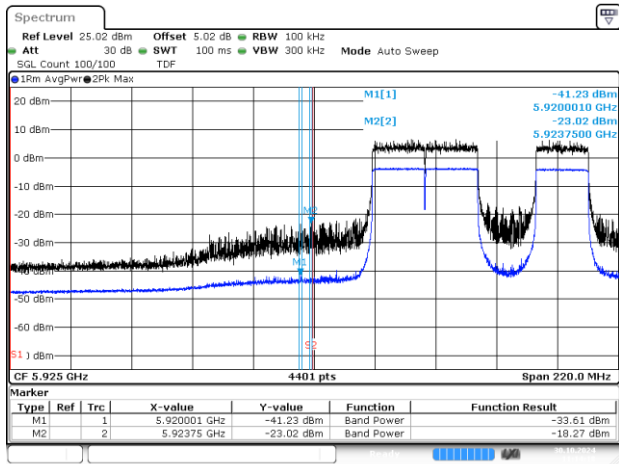
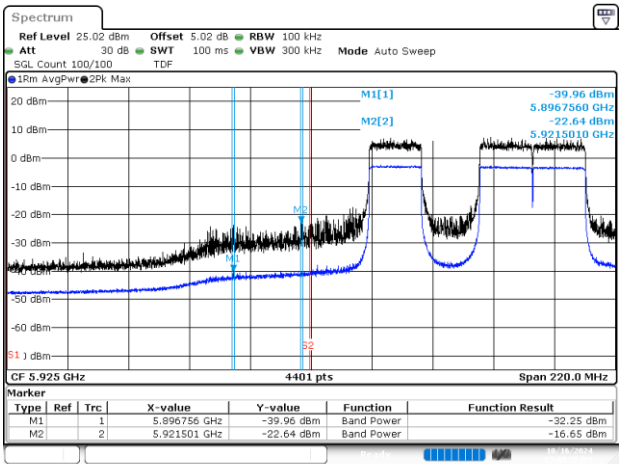
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BE-NR-LOW, SISO-B, 802.11be320-MCS0, Ch63, MRU280-106



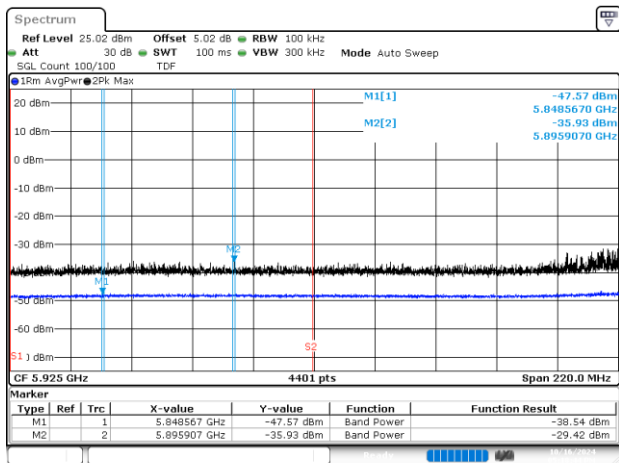
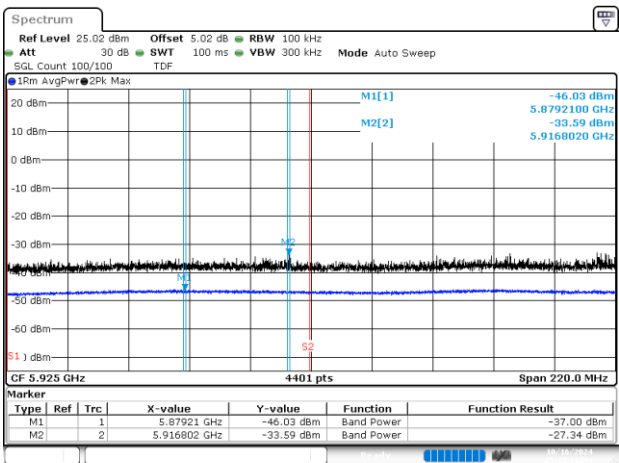
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Date: 30 OCT 2024 11:14:16

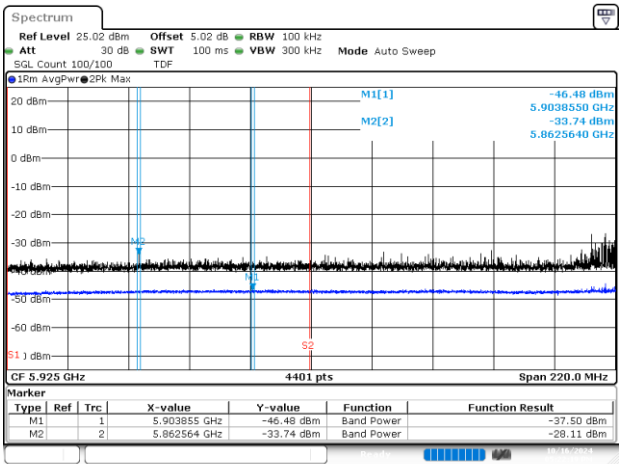
BE-NR-LOW, MIMO-A, 802.11be80-MCS0, Ch7, MRU60-91

BE-NR-LOW, MIMO-A, 802.11be80-MCS0, Ch7, MRU60-92

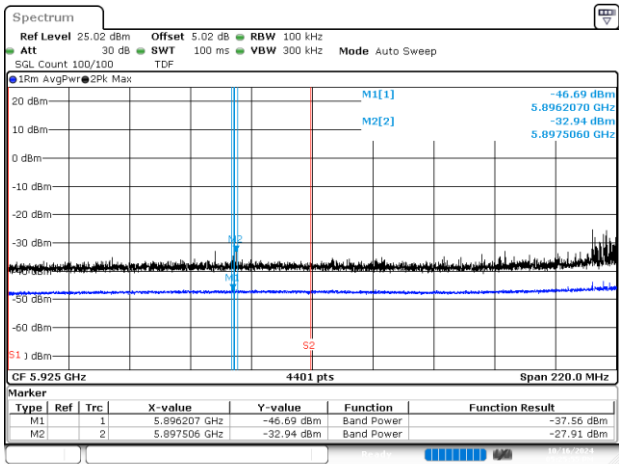


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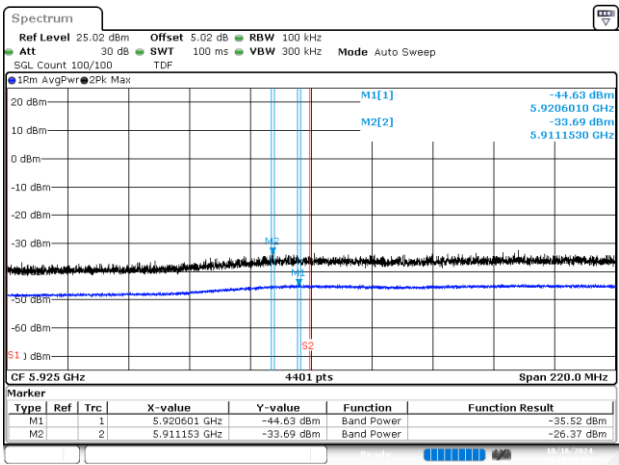
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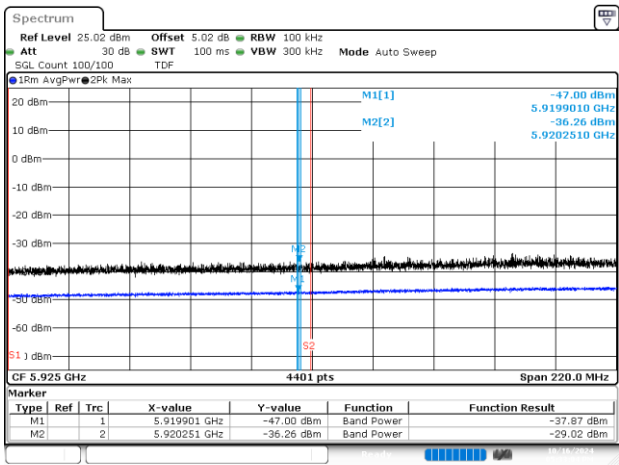
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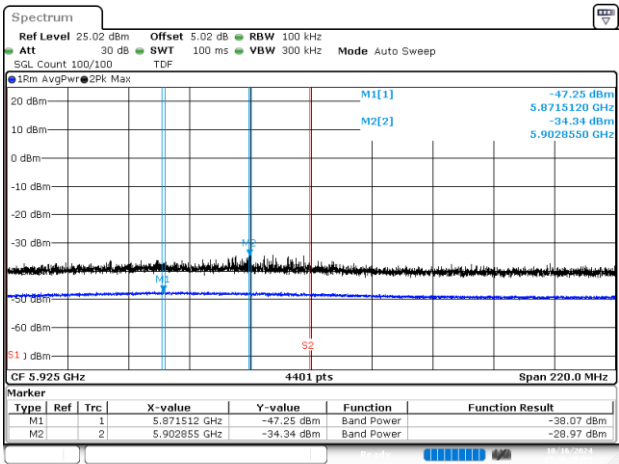
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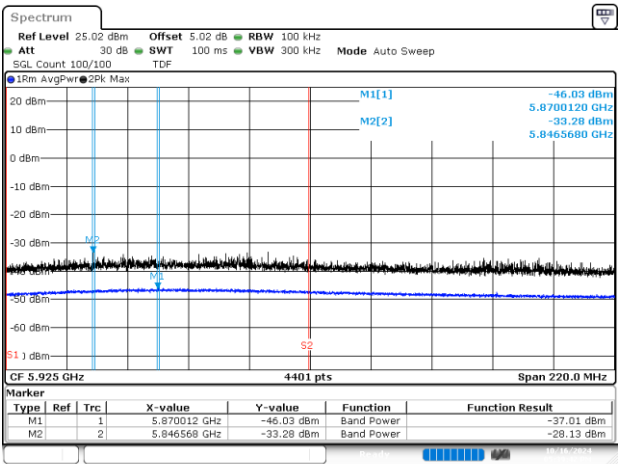
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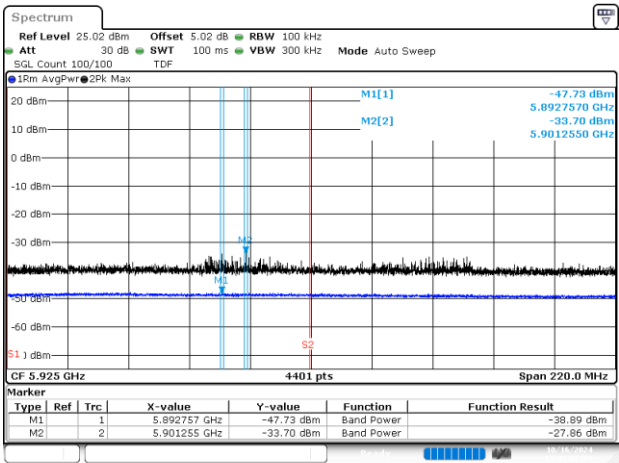
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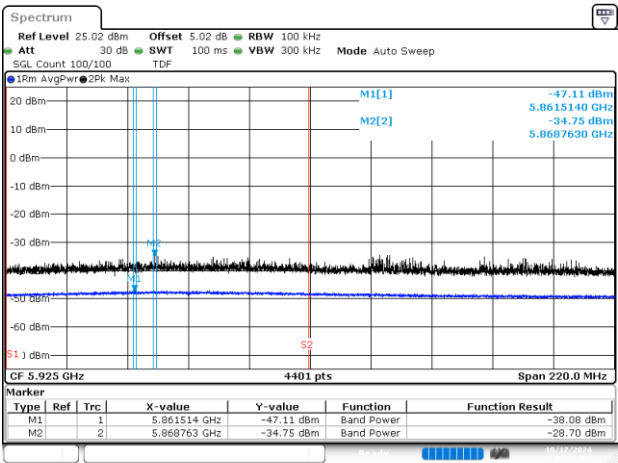
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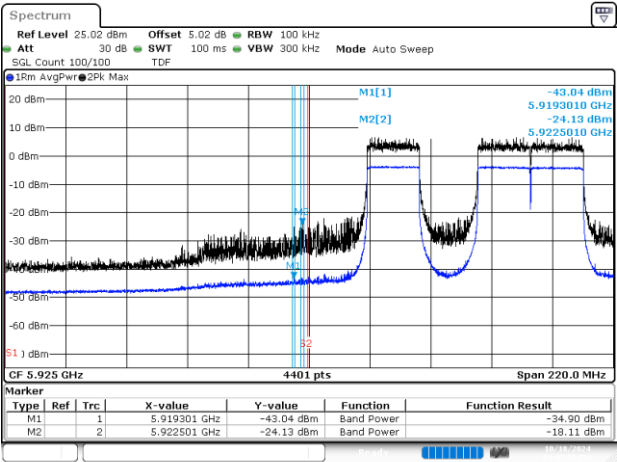
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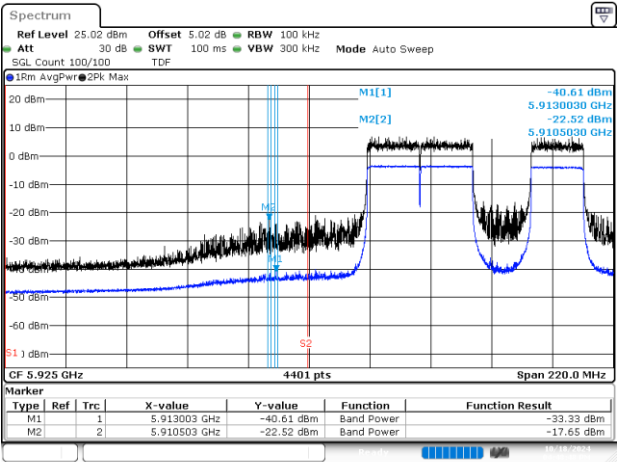
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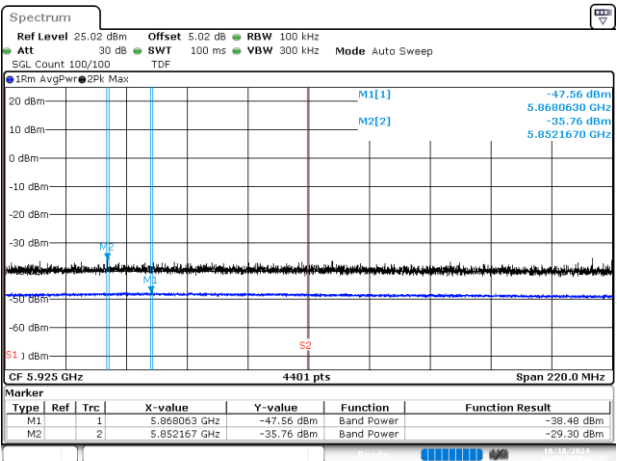
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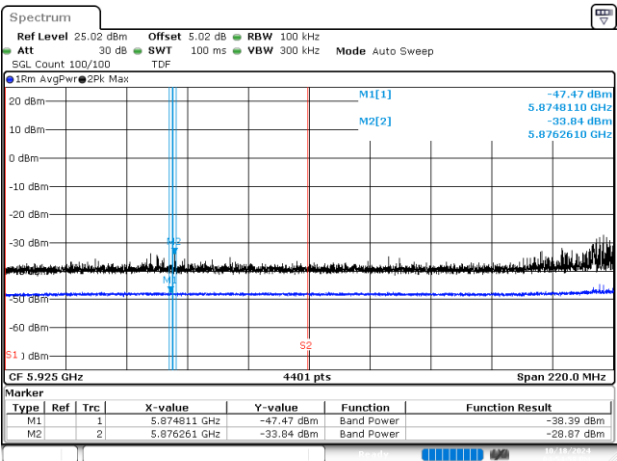
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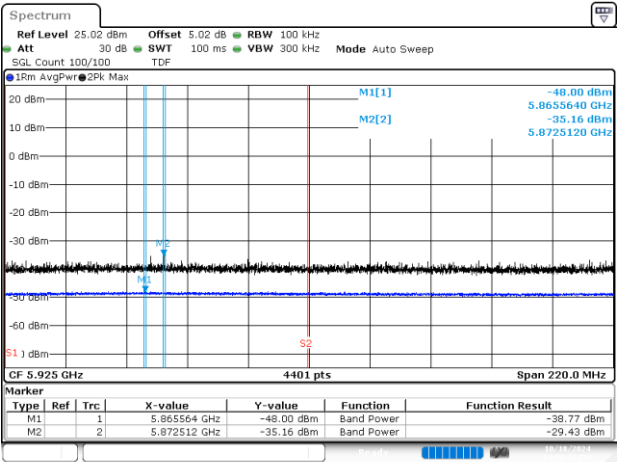
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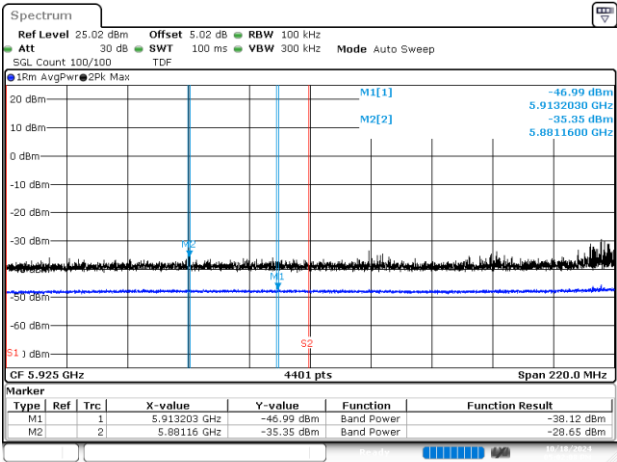
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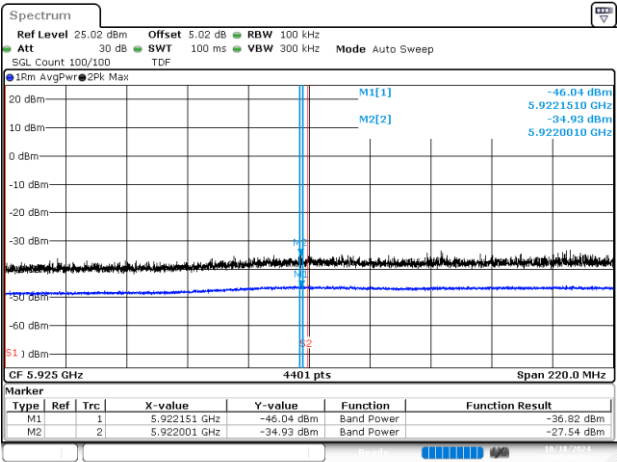
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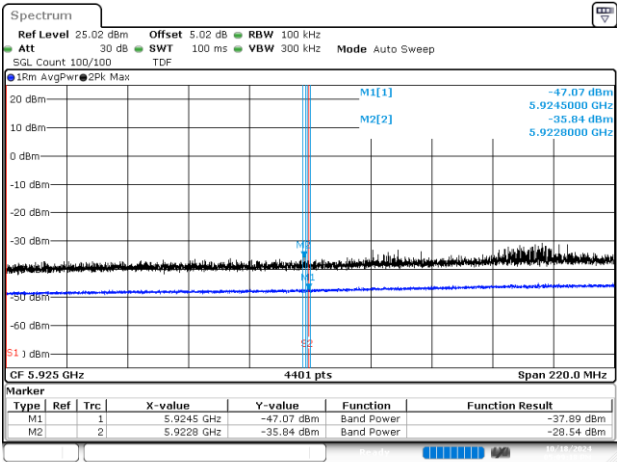
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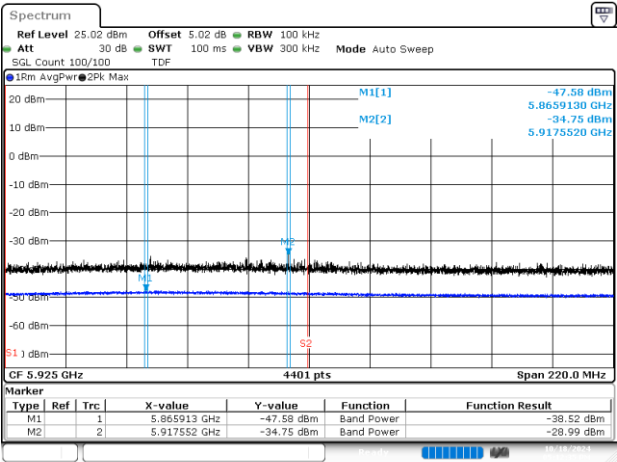
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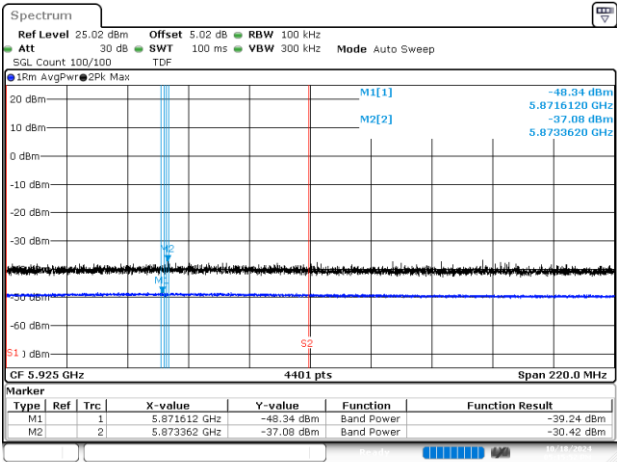
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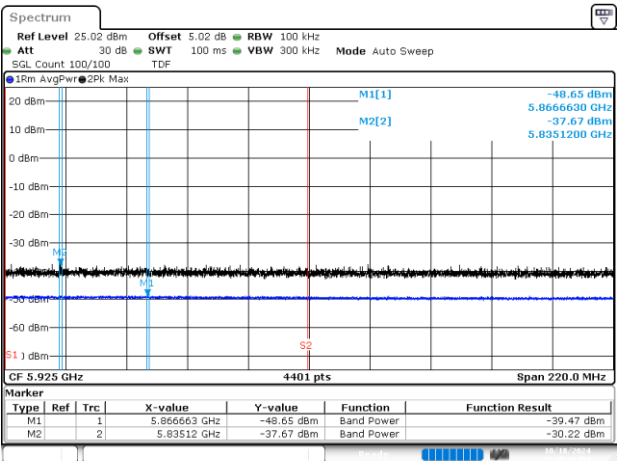
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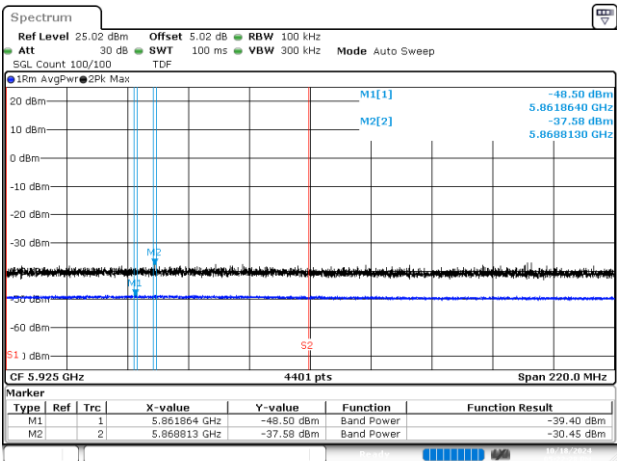
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BE-NR-LOW, MIMO-B, 802.11be320-MCS0, Ch63, MRU240-t104



BE-NR-LOW, MIMO-B, 802.11be320-MCS0, Ch63, MRU280-106



BE-NR-LOW, MIMO-B, 802.11be320-MCS0, Ch63, MRU280-t106