

# **TEST REPORT**

**Report Number:** 15496277-E12V4

**Applicant :** APPLE INC.  
1 APPLE PARK WAY  
CUPERTINO, CA 95014, U.S.A.

**Model :** A3258

**Brand :** APPLE

**FCC ID :** BCG-E8947A

**EUT Description :** SMARTPHONE

**Test Standard(s) :** FCC 47 CFR PART 15 SUBPART E

**Date Of Issue:**  
2025-08-21

**Prepared by:**  
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## REPORT REVISION HISTORY

| Rev. | Issue Date | Revisions                         | Revised By  |
|------|------------|-----------------------------------|-------------|
| V1   | 2025-08-11 | Initial Review                    | ---         |
| V2   | 2025-08-13 | Addressed TCB Questions           | Chris Xiong |
| V3   | 2025-08-19 | Updated section 10                | F. de Anda  |
| V4   | 2025-08-21 | Updated Sections 9.5, 9.6 and 9.7 | Chris Xiong |

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## 1. ATTESTATION OF TEST RESULTS

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--|
| Applicant Name and Address                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | APPLE INC.<br>1 APPLE PARK WAY<br>CUPERTINO, CA 95014, U.S.A.                        |  |
| Model                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A3258                                                                                |  |
| Brand                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | APPLE                                                                                |  |
| FCC ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | BCG-E8947A                                                                           |  |
| EUT Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SMARTPHONE                                                                           |  |
| Serial Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | H0233MXH93 (Radiated)<br>J6HHH50000Q0000WEZ, J6HHD0000DC0000YAR (Conducted)          |  |
| Sample Receipt Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2025-04-16                                                                           |  |
| Date Tested                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2025-04-16 to 2025-08-12                                                             |  |
| Applicable Standards                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 47 CFR Part 15 Subpart E                                                             |  |
| Test Results                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | COMPLIES                                                                             |  |
| <p>UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.</p> <p>The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise.</p> <p>This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document.</p> |                                                                                      |  |
| Approved & Released By:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Prepared & Reviewed By:                                                              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
| Henry Lau<br>Senior Project Engineer<br>UL Verification Services, Inc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Chris Xiong<br>Senior Test Engineer<br>UL Verification Services, Inc.                |  |

## 2. TEST RESULT SUMMARY

This report contains data provided by the customer which can impact the validity of results. UL Verification Services Inc. is only responsible for correctly integrating customer-provided data with measurements performed by UL Verification Services Inc.

Below is a list of the data provided by the customer:

1. Antenna gain and type (see section 6.3)
2. Cable loss (see section 6.3)

| Requirement Description                                | Requirement Clause Number (FCC)        | Result                  | Comment                   |
|--------------------------------------------------------|----------------------------------------|-------------------------|---------------------------|
| Duty Cycle                                             | See Comment                            | Reporting purposes only | ANSI C63.10 Section 12.2  |
| 99% BW                                                 | §15.407 (a) (11)<br>KDB 987594 D03 Q18 | Compliant               | ANSI C63.10 Section 6.9.3 |
| 26dB BW                                                |                                        |                         |                           |
| Output Power EIRP                                      | §15.407 (a) (7), (8), (9)              | Compliant               | Dual Client               |
| PSD EIRP                                               | §15.407 (a) (7), (8), (9)              | Compliant               | Dual Client               |
| Emissions Outside 5.925-7.125 GHz Band                 | §15.407 (b) (6)                        | Compliant               | None                      |
| Emissions Within 5.925-7.125 GHz Band (Emissions Mask) | §15.407 (b) (7)                        | Compliant               | None                      |
| Unwanted Emissions in Restricted Bands                 | §15.205                                | Compliant               | None                      |
| Radiated Spurious Emissions                            | §15.209                                | Compliant               | None                      |
| AC Mains Conducted Emissions                           | §15.207                                | Compliant               | None                      |
| Transmit Power Control Mechanism                       | §15.407 (d) (10)                       | Compliant               | Very Low Power Device     |



### 3. TEST METHODOLOGY

The tests documented in this report were performed in accordance with:

- \*ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024
- FCC 47 CFR Part 2
- FCC 47 CFR Part 15
- FCC KDB 414788 D01 Radiated Test Site
- FCC KDB 662911 D01 Multiple Transmitter Output
- FCC KDB 789033 D02 General UNII Test Procedures New Rules
- FCC KDB 987594 D01 General Requirements
- FCC KDB 987594 D02 EMC Measurement
- FCC KDB 484596 D01 Referencing Test Data

\*Note: The use of ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 does not deviate from the testing procedures of ANSI C63.10-2020.

### 4. FACILITIES AND ACCREDITATION

UL Verification Services Inc. is accredited by A2LA, certification #0751.05, for all testing performed within the scope of this report. Testing was performed at the locations noted below.

|                                     | Address                                                  | ISED<br>CABID | ISED<br>Company<br>Number | FCC<br>Registration |
|-------------------------------------|----------------------------------------------------------|---------------|---------------------------|---------------------|
| <input checked="" type="checkbox"/> | Building 1: 47173 Benicia Street, Fremont, CA 94538, USA | US0104        | 2324A                     | 550739              |
| <input checked="" type="checkbox"/> | Building 2: 47266 Benicia Street, Fremont, CA 94538, USA |               |                           |                     |
| <input checked="" type="checkbox"/> | Building 3: 843 Auburn Court, Fremont, CA 94538, USA     |               |                           |                     |
| <input checked="" type="checkbox"/> | Building 4: 47658 Kato Rd, Fremont, CA 94538, USA        |               |                           |                     |
| <input checked="" type="checkbox"/> | Building 5: 47670 Kato Rd, Fremont, CA 94538, USA        |               |                           |                     |

## 5. DECISION RULES AND MEASUREMENT UNCERTAINTY

### 5.1. METROLOGICAL TRACEABILITY

All test and measuring equipment utilized to perform the tests documented in this report are calibrated on a regular basis, with a maximum time between calibrations of one year or the manufacturers' recommendation, whichever is less, and where applicable is traceable to recognized national standards.

### 5.2. DECISION RULES

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

### 5.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

| PARAMETER                                            | U <sub>Lab</sub>               |
|------------------------------------------------------|--------------------------------|
| Conducted Antenna Port Emission Measurement          | 1.940 dB                       |
| Power Spectral Density                               | 2.466 dB                       |
| Time Domain Measurements Using SA                    | 3.39 %                         |
| RF Power Measurement Direct Method Using Power Meter | 0.450 dB (Ave)<br>1.30 dB (Pk) |
| Radio Frequency (Spectrum Analyzer)                  | 141.16 Hz                      |
| Occupied Bandwidth                                   | 1.22%                          |
| Worst Case Conducted Disturbance, 9KHz to 0.15 MHz   | 3.78 dB                        |
| Worst Case Conducted Disturbance, 0.15 to 30 MHz     | 3.40 dB                        |
| Worst Case Radiated Disturbance, 9KHz to 30 MHz      | 2.87 dB                        |
| Worst Case Radiated Disturbance, 30 to 1000 MHz      | 6.01 dB                        |
| Worst Case Radiated Disturbance, 1000 to 18000 MHz   | 4.73 dB                        |
| Worst Case Radiated Disturbance, 18000 to 26000 MHz  | 4.51 dB                        |
| Worst Case Radiated Disturbance, 26000 to 40000 MHz  | 5.29 dB                        |

Uncertainty figures are valid to a confidence level of 95%.

## 5.4. SAMPLE CALCULATION

### **RADIATED EMISSIONS**

Where relevant, the following sample calculation is provided:

Field Strength (dBuV/m) = Measured Voltage (dBuV) + Antenna Factor (dB/m) + Cable Loss (dB) – Preamp Gain (dB)

$36.5 \text{ dBuV} + 18.7 \text{ dB/m} + 0.6 \text{ dB} - 26.9 \text{ dB} = 28.9 \text{ dBuV/m}$

### **MAINS CONDUCTED EMISSIONS**

Where relevant, the following sample calculation is provided:

Final Voltage (dBuV) = Measured Voltage (dBuV) + Cable Loss (dB) + Limiter Factor (dB) + LISN Insertion Loss.

$36.5 \text{ dBuV} + 0 \text{ dB} + 10.1 \text{ dB} + 0 \text{ dB} = 46.6 \text{ dBuV}$

## 6. EQUIPMENT UNDER TEST

### 6.1. EUT DESCRIPTION

The Apple iPhone is a smartphone with cellular GSM, GPRS, EGPRS, WCDMA, LTE, 5G NR1, 5G NR2, IEEE 802.11a/b/g/n/ac/ax/be, Bluetooth (BT), Ultra-Wideband (UWB), Global Positioning System (GPS), Near-Field Communication (NFC), Narrow-Band (NB) UNII, 802.15.4, 802.15.4ab-Narrow Band (NB), Wireless Power Transfer (WPT) and Mobile Satellite Service (MSS) technologies. The rechargeable battery is not user accessible. This device is not user-serviceable and requires special tools to disassemble.

This report covers 6GHz band 802.11 a/ax/be Wifi radio.

#### 6.1.1. EUT DEVICE CLASS

| Dual Client           | Equipment Class | U-NII Bands of Operation            |                                     |                                     |                                     |
|-----------------------|-----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
|                       |                 | 5                                   | 6                                   | 7                                   | 8                                   |
| Indoor Client         | 6CD             | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Standard Client       | 6CD             | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Very Low-Power Client | 6VL             | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

## 6.2. MAXIMUM OUTPUT POWER

The transmitter has a maximum EIRP output power as follows:

### 6.2.1. LP

#### UNII-5 BAND

| Frequency Range (MHz)   | Mode                | Output Power EIRP (dBm) | Output Power EIRP (mW) |
|-------------------------|---------------------|-------------------------|------------------------|
| <b>UNII-5 Band, 1TX</b> |                     |                         |                        |
| 5795                    | 802.11a             | 9.45                    | 8.81                   |
| 5955-6415               |                     | Covered by EHT20        |                        |
| 5955-6415               | 802.11be EHT20      | 9.44                    | 8.79                   |
| 5965-6405               | 802.11be EHT40      | 12.32                   | 17.06                  |
| 5985-6385               | 802.11be EHT80      | 15.26                   | 33.57                  |
| 6025-6345               | 802.11be EHT160     | 18.07                   | 64.12                  |
| <b>UNII-5 Band, 2TX</b> |                     |                         |                        |
| 5955-6415               | 802.11a             | Covered by EHT20        |                        |
| 5955-6415               | 802.11be EHT20 CDD  | 6.24                    | 4.21                   |
| 5955-6415               | 802.11be EHT20 SDM  | 9.24                    | 8.39                   |
| 5965-6405               | 802.11be EHT40 CDD  | 9.26                    | 8.43                   |
| 5965-6405               | 802.11be EHT40 SDM  | 12.29                   | 16.94                  |
| 5985-6385               | 802.11be EHT80 CDD  | 12.18                   | 16.52                  |
| 5985-6385               | 802.11be EHT80 SDM  | 15.20                   | 33.11                  |
| 6025-6345               | 802.11be EHT160 CDD | 14.92                   | 31.05                  |
| 6025-6345               | 802.11be EHT160 SDM | 18.00                   | 63.10                  |

#### UNII-6 BAND

| Frequency Range (MHz)   | Mode                                  | Output Power EIRP (dBm) | Output Power EIRP (mW) |
|-------------------------|---------------------------------------|-------------------------|------------------------|
| <b>UNII-6 Band, 1TX</b> |                                       |                         |                        |
| 6435 - 6515             | 802.11a                               | Covered by EHT20        |                        |
| 6435 - 6515             | 802.11be EHT20                        | 9.37                    | 8.65                   |
| 6445 - 6525             | 802.11be EHT40                        | 12.30                   | 16.98                  |
| 6465                    | 802.11be EHT80                        | 15.12                   | 32.51                  |
| 6505                    | 802.11be EHT160, Straddle Channel     | 18.12                   | 64.86                  |
| <b>UNII-6 Band, 2TX</b> |                                       |                         |                        |
| 6435 - 6515             | 802.11a                               | Covered by EHT20        |                        |
| 6435 - 6515             | 802.11be EHT20 CDD                    | 6.13                    | 4.10                   |
| 6435 - 6515             | 802.11be EHT20 SDM                    | 9.16                    | 8.24                   |
| 6445 - 6525             | 802.11be EHT40 CDD                    | 9.19                    | 8.30                   |
| 6445 - 6525             | 802.11be EHT40 SDM                    | 12.14                   | 16.37                  |
| 6465                    | 802.11be EHT80 CDD                    | 11.97                   | 15.74                  |
| 6465                    | 802.11be EHT80 SDM                    | 14.93                   | 31.12                  |
| 6505                    | 802.11be EHT160 CDD, Straddle Channel | 14.91                   | 30.97                  |
| 6505                    | 802.11be EHT160 SDM, Straddle Channel | 17.92                   | 61.94                  |

**UNII-7 BAND**

| Frequency Range (MHz)  | Mode                | Output Power EIRP (dBm) | Output Power EIRP (mW) |
|------------------------|---------------------|-------------------------|------------------------|
| <b>UNII-7 Band 1TX</b> |                     |                         |                        |
| 6535 - 6875            | 802.11a             | Covered by EHT20        |                        |
| 6535 - 6875            | 802.11be EHT20      | 9.13                    | 8.18                   |
| 6565 - 6845            | 802.11be EHT40      | 12.04                   | 16.00                  |
| 6545 - 6865            | 802.11be EHT80      | 15.31                   | 33.96                  |
| 6665 - 6825            | 802.11be EHT160     | 18.09                   | 64.42                  |
| <b>UNII-7 Band 2TX</b> |                     |                         |                        |
| 6535-6875              | 802.11a             | Covered by EHT20        |                        |
| 6535-6875              | 802.11be EHT20 CDD  | 6.11                    | 4.08                   |
| 6535-6875              | 802.11be EHT20 SDM  | 9.08                    | 8.09                   |
| 6565-6845              | 802.11be EHT40 CDD  | 9.01                    | 7.96                   |
| 6565-6845              | 802.11be EHT40 SDM  | 11.98                   | 15.78                  |
| 6545-6865              | 802.11be EHT80 CDD  | 12.30                   | 16.98                  |
| 6545-6865              | 802.11be EHT80 SDM  | 15.32                   | 34.04                  |
| 6665-6825              | 802.11be EHT160 CDD | 15.01                   | 31.70                  |
| 6665-6825              | 802.11be EHT160 SDM | 17.94                   | 62.23                  |

**UNII-8 BAND**

| Frequency Range (MHz)  | Mode                | Output Power EIRP (dBm) | Output Power EIRP (mW) |
|------------------------|---------------------|-------------------------|------------------------|
| <b>UNII-8 Band 1TX</b> |                     |                         |                        |
| 6895-7095              | 802.11a             | 9.38                    | 8.67                   |
| 7115                   |                     | -6.24                   | 0.24                   |
| 6895-7095              | 802.11be EHT20      | 9.51                    | 8.93                   |
| 6885-7085              | 802.11be EHT40      | 12.32                   | 17.06                  |
| 6945-7025              | 802.11be EHT80      | 15.43                   | 34.91                  |
| 6985                   | 802.11be EHT160     | 18.24                   | 66.68                  |
| <b>UNII-8 Band 2TX</b> |                     |                         |                        |
| 6895-7095              | 802.11a             | Covered by EHT20        |                        |
| 7115                   |                     | -5.07                   | 0.31                   |
| 6895-7095              | 802.11be EHT20 CDD  | 6.18                    | 4.15                   |
| 6895-7095              | 802.11be EHT20 SDM  | 9.19                    | 8.30                   |
| 6885-7085              | 802.11be EHT40 CDD  | 9.29                    | 8.49                   |
| 6885-7085              | 802.11be EHT40 SDM  | 12.27                   | 16.87                  |
| 6945-7025              | 802.11be EHT80 CDD  | 12.19                   | 16.56                  |
| 6945-7025              | 802.11be EHT80 SDM  | 15.16                   | 32.81                  |
| 6985                   | 802.11be EHT160 CDD | 14.98                   | 31.48                  |
| 6985                   | 802.11be EHT160 SDM | 17.93                   | 62.09                  |

**6.2.2. SP****UNII-5 BAND**

| Frequency Range (MHz)  | Mode                | Output Power EIRP (dBm) | Output Power EIRP (mW) |
|------------------------|---------------------|-------------------------|------------------------|
| <b>UNII-5 Band 1TX</b> |                     |                         |                        |
| 5955-6415              | 802.11be EHT20      | 19.10                   | 81.28                  |
| 5965-6405              | 802.11be EHT40      | 19.11                   | 81.47                  |
| 5985-6385              | 802.11be EHT80      | 19.17                   | 82.60                  |
| 6025-6345              | 802.11be EHT160     | 19.11                   | 81.47                  |
| <b>UNII-5 Band 2TX</b> |                     |                         |                        |
| 5955-6415              | 802.11be EHT20 CDD  | 20.22                   | 105.20                 |
| 5955-6415              | 802.11be EHT20 SDM  | 20.25                   | 105.93                 |
| 5965-6405              | 802.11be EHT40 CDD  | 20.23                   | 105.44                 |
| 5955-6405              | 802.11be EHT40 SDM  | 20.20                   | 104.71                 |
| 5985-6385              | 802.11be EHT80 CDD  | 20.25                   | 105.93                 |
| 5985-6385              | 802.11be EHT80 SDM  | 20.24                   | 105.68                 |
| 6025-6345              | 802.11be EHT160 CDD | 20.19                   | 104.47                 |
| 6025-6345              | 802.11be EHT160 SDM | 20.23                   | 105.44                 |

**UNII-7 BAND**

| Frequency Range (MHz)  | Mode                | Output Power EIRP (dBm) | Output Power EIRP (mW) |
|------------------------|---------------------|-------------------------|------------------------|
| <b>UNII-7 Band 1TX</b> |                     |                         |                        |
| 6535-6855              | 802.11be EHT20      | 19.07                   | 80.72                  |
| 6565-6845              | 802.11be EHT40      | 19.06                   | 80.54                  |
| 6625-6785              | 802.11be EHT80      | 19.06                   | 80.54                  |
| 6665                   | 802.11be EHT160     | 19.00                   | 79.43                  |
| <b>UNII-7 Band 2TX</b> |                     |                         |                        |
| 6535-6855              | 802.11be EHT20 CDD  | 21.75                   | 149.62                 |
| 6535-6855              | 802.11be EHT20 SDM  | 21.73                   | 148.94                 |
| 6565-6845              | 802.11be EHT40 CDD  | 21.70                   | 147.91                 |
| 6565-6845              | 802.11be EHT40 SDM  | 21.68                   | 147.23                 |
| 6625-6785              | 802.11be EHT80 CDD  | 21.72                   | 148.59                 |
| 6625-6785              | 802.11be EHT80 SDM  | 21.72                   | 148.59                 |
| 6665                   | 802.11be EHT160 CDD | 21.70                   | 147.91                 |
| 6665                   | 802.11be EHT160 SDM | 21.73                   | 148.94                 |

**6.2.3. VLP****UNII-5 BAND**

| Frequency Range (MHz)  | Mode                | Output Power EIRP (dBm) | Output Power EIRP (mW) |
|------------------------|---------------------|-------------------------|------------------------|
| <b>UNII-5 Band 1TX</b> |                     |                         |                        |
| 6115-6415              | 802.11a             | Covered by EHT20        |                        |
| 6115-6415              | 802.11be EHT20      | 5.39                    | 3.46                   |
| 6125-6405              | 802.11be EHT40      | 8.21                    | 6.62                   |
| 6145-6385              | 802.11be EHT80      | 11.33                   | 13.58                  |
| 6185-6345              | 802.11be EHT160     | 12.93                   | 19.63                  |
| <b>UNII-5 Band 2TX</b> |                     |                         |                        |
| 6115-6415              | 802.11a             | Covered by EHT20        |                        |
| 6115-6415              | 802.11be EHT20 CDD  | 2.24                    | 1.67                   |
| 6115-6415              | 802.11be EHT20 SDM  | 5.27                    | 3.37                   |
| 6125-6405              | 802.11be EHT40 CDD  | 5.23                    | 3.33                   |
| 6125-6405              | 802.11be EHT40 SDM  | 8.28                    | 6.73                   |
| 6145-6385              | 802.11be EHT80 CDD  | 8.21                    | 6.62                   |
| 6145-6385              | 802.11be EHT80 SDM  | 11.22                   | 13.24                  |
| 6185-6345              | 802.11be EHT160 CDD | 10.97                   | 12.50                  |
| 6185-6345              | 802.11be EHT160 SDM | 12.95                   | 19.72                  |

**UNII-6 BAND**

| Frequency Range (MHz)  | Mode                                  | Output Power EIRP (dBm) | Output Power EIRP (mW) |
|------------------------|---------------------------------------|-------------------------|------------------------|
| <b>UNII-6 Band 1TX</b> |                                       |                         |                        |
| 6435 - 6515            | 802.11a                               | Covered by EHT20        |                        |
| 6435 - 6515            | 802.11be EHT20                        | 5.37                    | 3.44                   |
| 6445 - 6525            | 802.11be EHT40                        | 8.22                    | 6.64                   |
| 6465                   | 802.11be EHT80                        | 11.05                   | 12.74                  |
| 6505                   | 802.11be EHT160, Straddle Channel     | 12.95                   | 19.72                  |
| <b>UNII-6 Band 2TX</b> |                                       |                         |                        |
| 6435 - 6515            | 802.11a mode 20MHz                    | Covered by EHT20        |                        |
| 6435 - 6515            | 802.11be EHT20 CDD                    | 2.17                    | 1.65                   |
| 6435 - 6515            | 802.11be EHT20 SDM                    | 5.15                    | 3.27                   |
| 6445 - 6525            | 802.11be EHT40 CDD                    | 5.15                    | 3.27                   |
| 6445 - 6525            | 802.11be EHT40 SDM                    | 8.12                    | 6.49                   |
| 6465                   | 802.11be EHT80 CDD                    | 7.90                    | 6.17                   |
| 6465                   | 802.11be EHT80 SDM                    | 10.93                   | 12.39                  |
| 6505                   | 802.11be EHT160 CDD, Straddle Channel | 10.86                   | 12.19                  |
| 6505                   | 802.11be EHT160 SDM, Straddle Channel | 12.90                   | 19.50                  |



**UNII-7 BAND**

| Frequency Range (MHz)  | Mode                | Output Power EIRP (dBm) | Output Power EIRP (mW) |
|------------------------|---------------------|-------------------------|------------------------|
| <b>UNII-7 Band 1TX</b> |                     |                         |                        |
| 6535-6875              | 802.11a             | Covered by EHT20        |                        |
| 6535-6875              | 802.11be EHT20      | 5.18                    | 3.30                   |
| 6565-6845              | 802.11be EHT40      | 8.04                    | 6.37                   |
| 6625-6785              | 802.11be EHT80      | 11.36                   | 13.68                  |
| 6665                   | 802.11be EHT160     | 12.95                   | 19.72                  |
| <b>UNII-7 Band 2TX</b> |                     |                         |                        |
| 6535-6875              | 802.11a             | Covered by EHT20        |                        |
| 6535-6875              | 802.11be EHT20 CDD  | 2.08                    | 1.61                   |
| 6535-6875              | 802.11be EHT20 SDM  | 5.02                    | 3.18                   |
| 6565-6845              | 802.11be EHT40 CDD  | 5.00                    | 3.16                   |
| 6565-6845              | 802.11be EHT40 SDM  | 8.00                    | 6.31                   |
| 6625-6785              | 802.11be EHT80 CDD  | 8.25                    | 6.68                   |
| 6625-6785              | 802.11be EHT80 SDM  | 11.27                   | 13.40                  |
| 6665                   | 802.11be EHT160 CDD | 10.99                   | 12.56                  |
| 6665                   | 802.11be EHT160 SDM | 12.90                   | 19.50                  |

**UNII-8 BAND**

| Frequency Range (MHz)  | Mode                | Output Power EIRP (dBm) | Output Power EIRP (mW) |
|------------------------|---------------------|-------------------------|------------------------|
| <b>UNII-8 Band 1TX</b> |                     |                         |                        |
| 7095                   | 802.11a             | Covered by EHT20        |                        |
| 6895-7075, 7115        |                     | 5.37                    | 3.44                   |
| 6895-7095              | 802.11be EHT20      | 5.50                    | 3.55                   |
| 6885-7085              | 802.11be EHT40      | 8.32                    | 6.79                   |
| 6945-7025              | 802.11be EHT80      | 11.40                   | 13.80                  |
| 6985                   | 802.11be EHT160     | 12.96                   | 19.77                  |
| <b>UNII-8 Band 2TX</b> |                     |                         |                        |
| 6895-7095              | 802.11a             | Covered by EHT20        |                        |
| 7115                   |                     | -5.09                   | 0.31                   |
| 6895-7095              | 802.11be EHT20 CDD  | 2.20                    | 1.66                   |
| 6895-7115              | 802.11be EHT20 SDM  | 5.17                    | 3.29                   |
| 6885-7085              | 802.11be EHT40 CDD  | 5.27                    | 3.37                   |
| 6885-7085              | 802.11be EHT40 SDM  | 8.29                    | 6.75                   |
| 6945-7025              | 802.11be EHT80 CDD  | 8.21                    | 6.62                   |
| 6945-7025              | 802.11be EHT80 SDM  | 11.20                   | 13.18                  |
| 6985                   | 802.11be EHT160 CDD | 10.92                   | 12.36                  |
| 6985                   | 802.11be EHT160 SDM | 12.87                   | 19.36                  |

### 6.3. DESCRIPTION OF AVAILABLE ANTENNAS AND CABLE LOSS

The antenna(s) gain and type, cable loss as provided by the manufacturer are as follows:

Antenna Type is PIFA.

| Frequency Range (MHz)          | Sub-band (MHz)              | Antenna 6 (dBi) | Antenna 5 (dBi) | Uncorrelated Chains (dBi) | Correlated Chains (dBi) |
|--------------------------------|-----------------------------|-----------------|-----------------|---------------------------|-------------------------|
| 5925 - 6425<br>UNII-5          | Sub-band 1<br>(5955 - 6095) | -0.70           | -2.40           | -1.47                     | 1.50                    |
|                                | Sub-band 2<br>(6115 - 6255) | -0.80           | -2.40           | -1.53                     | 1.45                    |
|                                | Sub-band 3<br>(6275 - 6415) | -0.30           | -2.40           | -1.22                     | 1.72                    |
| 6425 - 6525<br>UNII-6          | N/A                         | -1.60           | -2.00           | -1.80                     | 1.21                    |
| UNII-6/7<br>(Straddle Channel) | N/A                         | -0.10           | 0.60            | 0.26                      | 3.27                    |
| 6525 - 6875<br>UNII-7          | N/A                         | -0.10           | 0.60            | 0.26                      | 3.27                    |
| UNII-7/8<br>(Straddle Channel) | N/A                         | -0.10           | 0.60            | 0.26                      | 3.27                    |
| 6875 - 7125<br>UNII-8          | N/A                         | -0.70           | -2.60           | -1.55                     | 1.41                    |

Note: Antenna C0 and Antenna C1 indicated in the power tune-up document pertain to ANT 6 and ANT 5 of this report respectively.

| Cable Loss            |                 |                 |
|-----------------------|-----------------|-----------------|
| Frequency Range (MHz) | Antenna 6 (dBi) | Antenna 5 (dBi) |
| 5925 - 6425           | 2.60            | 2.93            |
| 6425 - 6525           | 2.66            | 3.22            |
| 6525 - 6875           | 2.73            | 3.27            |
| 6875 - 7125           | 2.79            | 3.15            |

The cables were used for RF antenna port tests that had been offset to the test equipment during testing.

### 6.4. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing is 23A258.

## 6.5.WORST-CASE CONFIGURATION AND MODE

This device is classified as dual client and programmed with three output power levels: indoor client mode (LP), standard client mode (SP), and very low-power client mode (VLP).

For RF conducted tests, all three output power levels have been tested with SISO and 2TX CDD and SDM MIMO modes.

The 802.11a/axmode (except for 11a LP channels 5, 189, 209 and VLP channels 189, 209) are covered by the 802.11be mode since the target power of 802.11a/ax mode is equal or lower than 802.11be mode, and the data rate of 802.11be mode is higher than 802.11a/ax mode. The modulation and bandwidth of 802.11ax and 802.11be modes are similar at 20 MHz, 40 MHz, 80 MHz and 160 MHz. Thus, 802.11be mode was tested to represent worst-case, except for UNII-8 Channel 233. The frequency 7115MHz supports 11a mode only per client.

With the same power on Full RU and SU higher data rates, investigations were performed on both for band edge to determine the worst case, and SU mode was determined to be the worst case.

After investigation on data rate, the following test item was performed using the worst data rate.

- Conducted test: 6Mbps, MCS0
- Radiated bandedge: 54Mbps, MCS11
- Radiated spurious emission: 6Mbps, MCS0

Radiated was performed at Dual client and VLP modes. For Dual client mode, the higher of the LP and SP power levels were used for testing. The fundamentals of the EUT were investigated in three orthogonal orientations: X,Y and Z. The following table exhibits the worst-case orientation. The full tests of the EUT have been made upon the orientations shown in the table below.

| Band | ANT 6        | ANT 5        | ANT 6+5       |
|------|--------------|--------------|---------------|
| 6GHz | Z - Portrait | Z - Portrait | Y - Landscape |

Radiated emissions below 1GHz, above 18GHz, and power line conducted emissions were performed with the EUT set to transmit at the channel with highest output power as worst-case scenario. There were no emissions found below 30MHz within 20dB of the limit.

Radiated harmonics spurious below 1GHz, 1-18GHz L/M/H channels, 18-26GHz, 26-40GHz and power line conducted emissions were performed with the EUT set at the 2TX CDD mode among the CDD/SDM modes with power setting equal or higher than SISO modes as worst-case scenario.

Below 1GHz tests were performed with EUT connected to AC power adapter as the worst case; and for above 1GHz tests, the worst-case configuration reported was with EUT only. For AC line conducted emission, test was investigated with AC power adapter and with laptop.

Radiated spurious emissions were investigated on low, mid, and high RU indexes. There was no difference between the three indexes, therefore the low RU index was used to represent all test cases. Both LP/SP radiated spurious emissions were noise floor only, so LP Partial RU modes were used to represent both LP/SP.

After the investigation, the tables below list the worst-case modes of power and PSD for final conducted test.

**6.5.1. LP**

| BW<br>(MHz) | Tone<br>(T)     | RU Index                   | Worst Case Tone<br>(UNI-5 SISO) |     | Worst Case Tone<br>(UNI-5 MIMO) |     | Worst Case Tone<br>(UNI-6 SISO) |     | Worst Case Tone<br>(UNI-6 MIMO) |     | Worst Case Tone<br>(UNI-7 SISO) |     | Worst Case Tone<br>(UNI-7 MIMO) |     | Worst Case Tone<br>(UNI-8 SISO) |     | Worst Case Tone<br>(UNI-8 MIMO) |     |
|-------------|-----------------|----------------------------|---------------------------------|-----|---------------------------------|-----|---------------------------------|-----|---------------------------------|-----|---------------------------------|-----|---------------------------------|-----|---------------------------------|-----|---------------------------------|-----|
|             |                 |                            | Power                           | PSD | Power                           | PSD | Power                           | PSD | Power                           | PSD | Power                           | PSD | Power                           | PSD | Power                           | PSD | Power                           | PSD |
| 20          | 26              | 0 ~ 8                      |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |
|             | 52              | 37 ~ 40                    |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |
|             | 52 + 26         | 70 ~ 81                    |                                 |     |                                 |     |                                 | X   |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |
|             | 106             | 53 ~ 54                    |                                 |     |                                 |     |                                 |     | X                               |     | X                               |     |                                 |     |                                 |     |                                 |     |
|             | 106 + 26        | 82 ~ 89                    |                                 | X   |                                 | X   |                                 |     |                                 |     |                                 |     | X                               |     |                                 | X   |                                 | X   |
|             | 242             | 61                         |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |
|             | SU              | --                         | X                               |     | X                               |     | X                               |     | X                               |     | X                               |     | X                               |     | X                               |     | X                               |     |
| 40          | 26              | 0 ~ 17                     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |
|             | 52              | 37 ~ 44                    |                                 |     |                                 | X   |                                 |     |                                 | X   |                                 | X   |                                 |     |                                 |     |                                 |     |
|             | 52 + 26         | 70 ~ 81                    |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 | X   |                                 |     |
|             | 106             | 53 ~ 56                    |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     | X                               |     |                                 |     |                                 | X   |
|             | 106 + 26        | 82 ~ 89                    |                                 | X   |                                 |     |                                 | X   |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |
|             | 242             | 61 ~ 61                    |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |
|             | 484             | 65                         |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |
|             | SU              | --                         | X                               |     | X                               |     | X                               |     | X                               |     | X                               |     | X                               |     | X                               |     | X                               |     |
| 80          | 26              | 0 ~ 36                     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |
|             | 52              | 37 ~ 52                    |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     | X                               |     |                                 |     |                                 |     |
|             | 52 + 26         | 70 ~ 81                    |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |
|             | 106             | 53 ~ 60                    |                                 |     |                                 |     |                                 |     |                                 |     | X                               |     |                                 |     |                                 |     |                                 |     |
|             | 106 + 26        | 82 ~ 89                    |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 | X   |
|             | 242             | 61 ~ 64                    |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |
|             | 484             | 65 ~ 66                    |                                 | X   |                                 | X   |                                 | X   |                                 | X   |                                 |     |                                 |     |                                 | X   |                                 |     |
|             | 484 + 242       | 90, 91, 92, 93             |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |
|             | 996             | 67                         |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |
|             | SU              | --                         | X                               |     | X                               |     | X                               |     | X                               |     | X                               |     | X                               |     | X                               |     | X                               |     |
| 160         | 26              | 0 ~ S36                    |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |
|             | 52              | 37 ~ S52                   |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |
|             | 52 + 26         | 70 ~ S81                   |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |
|             | 106             | 53 ~ S60                   |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |
|             | 106 + 26        | 82 ~ 89                    |                                 |     |                                 | X   |                                 | X   |                                 | X   |                                 |     | X                               |     |                                 |     |                                 | X   |
|             | 242             | 61 ~ S64                   |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |
|             | 484             | 65 ~ S66                   |                                 | X   |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 | X   |                                 |     |
|             | 484 + 242       | sb0: 90, 91,<br>92, 93     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |
|             | 996             | 67 ~ S67                   |                                 |     |                                 |     |                                 |     |                                 |     |                                 | X   |                                 |     |                                 |     |                                 |     |
|             | 996 + 484       | sb0: 94, 95<br>sb1: 94, 95 |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |
|             | 996 + 484 + 242 | sb0: 96, 97,<br>98, 99     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |
|             | 996x2           | S68                        |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |                                 |     |
|             | SU              | --                         | X                               |     | X                               |     | X                               |     | X                               |     | X                               |     | X                               |     | X                               |     | X                               |     |

**6.5.2. SP**

| BW<br>(MHz) | Tone<br>(T)    | RU Index                   | Worst Case Tone<br>(UNII-5 SISO) |     | Worst Case Tone<br>(UNII-5 MIMO) |     | Worst Case Tone<br>(UNII-7 SISO) |     | Worst Case Tone<br>(UNII-7 MIMO) |     |
|-------------|----------------|----------------------------|----------------------------------|-----|----------------------------------|-----|----------------------------------|-----|----------------------------------|-----|
|             |                |                            | Power                            | PSD | Power                            | PSD | Power                            | PSD | Power                            | PSD |
| 20          | 26             | 0 ~ 8                      |                                  | X   |                                  |     |                                  | X   |                                  |     |
|             | 52             | 37 ~ 40                    |                                  |     |                                  | X   |                                  |     |                                  |     |
|             | 52 + 26        | 70 ~ 81                    |                                  |     |                                  |     |                                  |     |                                  | X   |
|             | 106            | 53 ~ 54                    |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 106 + 26       | 82 ~ 89                    |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 242            | 61                         |                                  |     |                                  |     |                                  |     |                                  |     |
|             | SU             | --                         | X                                |     | X                                |     | X                                |     | X                                |     |
| 40          | 26             | 0 ~ 17                     |                                  | X   |                                  | X   |                                  | X   |                                  | X   |
|             | 52             | 37 ~ 44                    |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 52 + 26        | 70 ~ 81                    |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 106            | 53 ~ 56                    |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 106 + 26       | 82 ~ 89                    |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 242            | 61 ~ 61                    |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 484            | 65                         |                                  |     |                                  |     |                                  |     |                                  |     |
|             | SU             | --                         | X                                |     | X                                |     | X                                |     | X                                |     |
| 80          | 26             | 0 ~ 36                     |                                  | X   |                                  |     |                                  | X   |                                  |     |
|             | 52             | 37 ~ 52                    |                                  |     |                                  | X   |                                  |     |                                  | X   |
|             | 52 + 26        | 70 ~ 81                    |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 106            | 53 ~ 60                    |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 106 + 26       | 82 ~ 89                    |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 242            | 61 ~ 64                    |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 484            | 65 ~ 66                    |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 484 + 242      | 90, 91, 92, 93             |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 996            | 67                         |                                  |     |                                  |     |                                  |     |                                  |     |
|             | SU             | --                         | X                                |     | X                                |     | X                                |     | X                                |     |
| 160         | 26             | 0 ~ S36                    |                                  | X   |                                  |     |                                  | X   |                                  |     |
|             | 52             | 37 ~ S52                   |                                  |     |                                  | X   |                                  |     |                                  |     |
|             | 52 + 26        | 70 ~ S81                   |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 106            | 53 ~ S60                   |                                  |     |                                  |     |                                  |     |                                  | X   |
|             | 106 + 26       | 82 ~ 89                    |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 242            | 61 ~ S64                   |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 484            | 65 ~ S66                   |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 484 + 242      | sb0: 90, 91,<br>92, 93     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 996            | 67 ~ S67                   |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 996 + 484      | sb0: 94, 95<br>sb1: 94, 95 |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 96 + 484 + 242 | sb0: 96, 97,<br>98, 99     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 996x2          | S68                        |                                  |     |                                  |     |                                  |     |                                  |     |
|             | SU             | --                         | X                                |     | X                                |     | X                                |     | X                                |     |

**6.5.3. VLP**

| BW<br>(MHz) | Tone<br>(T)     | RU Index                   | Worst Case Tone<br>(UNII-5 SISO) |     | Worst Case Tone<br>(UNII-5 MIMO) |     | Worst Case Tone<br>(UNII-6 SISO) |     | Worst Case Tone<br>(UNII-6 MIMO) |     | Worst Case Tone<br>(UNII-7 SISO) |     | Worst Case Tone<br>(UNII-7 MIMO) |     | Worst Case Tone<br>(UNII-8 SISO) |     | Worst Case Tone<br>(UNII-8 MIMO) |     |
|-------------|-----------------|----------------------------|----------------------------------|-----|----------------------------------|-----|----------------------------------|-----|----------------------------------|-----|----------------------------------|-----|----------------------------------|-----|----------------------------------|-----|----------------------------------|-----|
|             |                 |                            | Power                            | PSD | Power                            | PSD | Power                            | PSD | Power                            | PSD | Power                            | PSD | Power                            | PSD | Power                            | PSD | Power                            | PSD |
| 40          | 26              | 0 ~ 17                     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 52              | 37 ~ 44                    |                                  |     |                                  |     |                                  | X   |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 52 + 26         | 70 ~ 81                    |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 106             | 53 ~ 56                    |                                  |     |                                  |     |                                  |     |                                  |     |                                  | X   |                                  | X   |                                  | X   |                                  |     |
|             | 106 + 26        | 82 ~ 89                    |                                  | X   |                                  | X   |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 242             | 61 ~ 61                    |                                  |     |                                  |     |                                  |     | X                                |     |                                  |     |                                  |     |                                  |     |                                  | X   |
|             | 484             | 65                         |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | SU              | --                         | X                                |     | X                                |     | X                                |     | X                                |     | X                                |     | X                                |     | X                                |     | X                                |     |
| 80          | 26              | 0 ~ 36                     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 52              | 37 ~ 52                    |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 52 + 26         | 70 ~ 81                    |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 106             | 53 ~ 60                    |                                  |     |                                  |     |                                  | X   |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 106 + 26        | 82 ~ 89                    |                                  |     |                                  |     |                                  |     |                                  |     | X                                |     |                                  |     |                                  |     |                                  |     |
|             | 242             | 61 ~ 64                    |                                  |     |                                  |     |                                  |     | X                                |     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 484             | 65 ~ 66                    |                                  | X   |                                  | X   |                                  |     |                                  |     |                                  |     |                                  |     |                                  | X   |                                  |     |
|             | 484 + 242       | 90, 91, 92, 93             |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     | X                                |     |                                  |     |                                  | X   |
|             | 996             | 67                         |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | SU              | --                         | X                                |     | X                                |     | X                                |     | X                                |     | X                                |     | X                                |     | X                                |     | X                                |     |
| 160         | 26              | 0 ~ S36                    |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 52              | 37 ~ S52                   |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 52 + 26         | 70 ~ S81                   |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 106             | 53 ~ S60                   |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 106 + 26        | 82 ~ 89                    |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 242             | 61 ~ S64                   |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 484             | 65 ~ S66                   |                                  | X   |                                  | X   |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 484 + 242       | sb0: 90, 91, 92, 93        |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 996             | 67 ~ S67                   |                                  |     |                                  |     |                                  |     | X                                |     | X                                |     |                                  |     |                                  | X   |                                  |     |
|             | 996 + 484       | sb0: 94, 95<br>sb1: 94, 95 |                                  |     |                                  |     |                                  | X   |                                  |     |                                  |     | X                                |     |                                  |     |                                  | X   |
|             | 996 + 484 + 242 | sb0: 96, 97, 98, 99        |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | 996x2           | S68                        |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |                                  |     |
|             | SU              | --                         | X                                |     | X                                |     | X                                |     | X                                |     | X                                |     | X                                |     | X                                |     | X                                |     |

## 6.6. DESCRIPTION OF TEST SETUP

| SUPPORT TEST EQUIPMENT             |                        |           |                     |            |
|------------------------------------|------------------------|-----------|---------------------|------------|
| Description                        | Manufacturer           | Model     | Serial Number       | FCC ID/DoC |
| Laptop                             | Apple                  | A2338     | FVFDRD40Q05F        | BCGA2338   |
| Laptop AC/DC adapter               | Apple                  | A1718     | C4H749207RMGN8RAT   | DoC        |
| EUT AC/DC adapter                  | Apple                  | A2305     | F162163404UPM0685   | DoC        |
| Conducted Switch Box               | UL                     | CSB       | 254476              | N/A        |
| 10dB Fixed Attenuator, Up to 26GHz | Pasternack Enterprises | PE7087-10 | 236285              | N/A        |
| Companion Device                   | Apple                  | iPhone    | VALK-CRBNE1_1NY1BC1 | N/A        |

| I/O CABLES (RF CONDUCTED TEST) |         |                      |                |            |                  |                      |
|--------------------------------|---------|----------------------|----------------|------------|------------------|----------------------|
| Cable No.                      | Port    | # of Identical Ports | Connector Type | Cable Type | Cable Length (m) | Remarks              |
| 1                              | SMA     | 1                    | SMA            | Shielded   | 0.20             | To spectrum Analyzer |
| 2                              | Antenna | 2                    | SMA            | Shielded   | 0.20             | EUT to Switchbox     |
| 3                              | USB-C   | 1                    | USB-C          | Shielded   | 1.00             | N/A                  |
| 4                              | DC      | 1                    | DC             | Shielded   | 2.00             | N/A                  |
| 5                              | Antenna | 1                    | SMA            | Shielded   | 0.10             | EUT to Analyzer      |

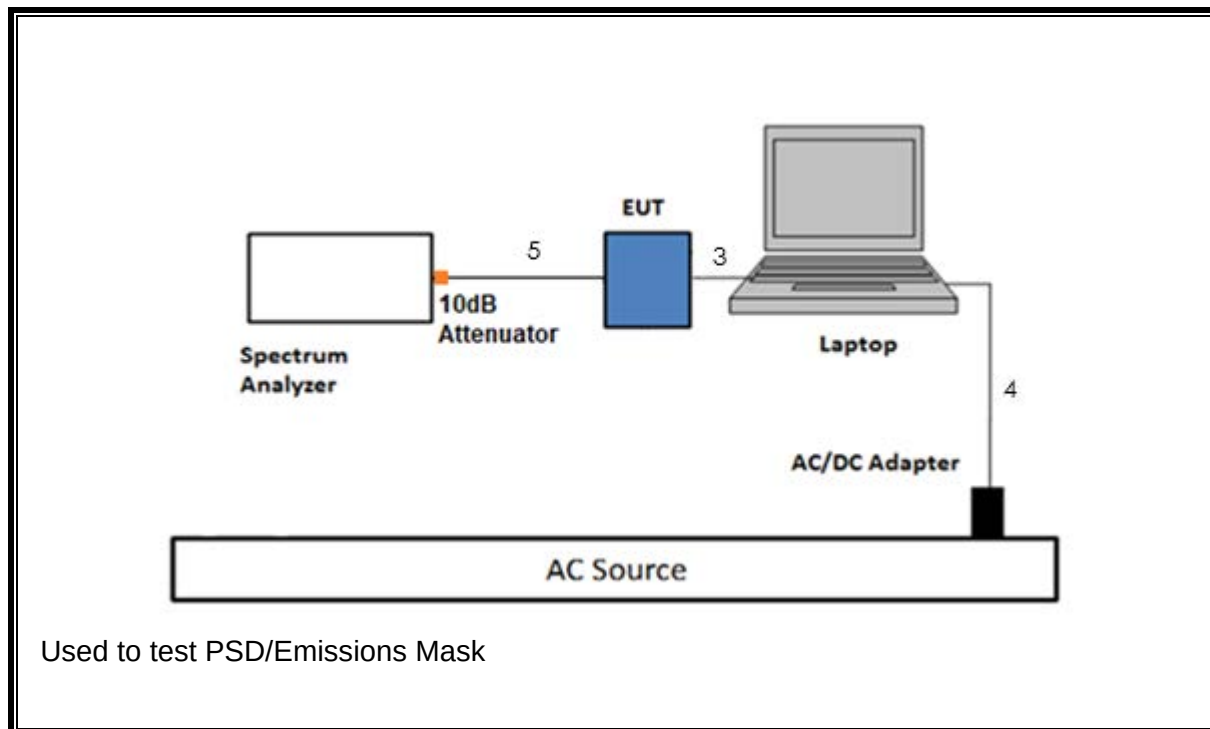
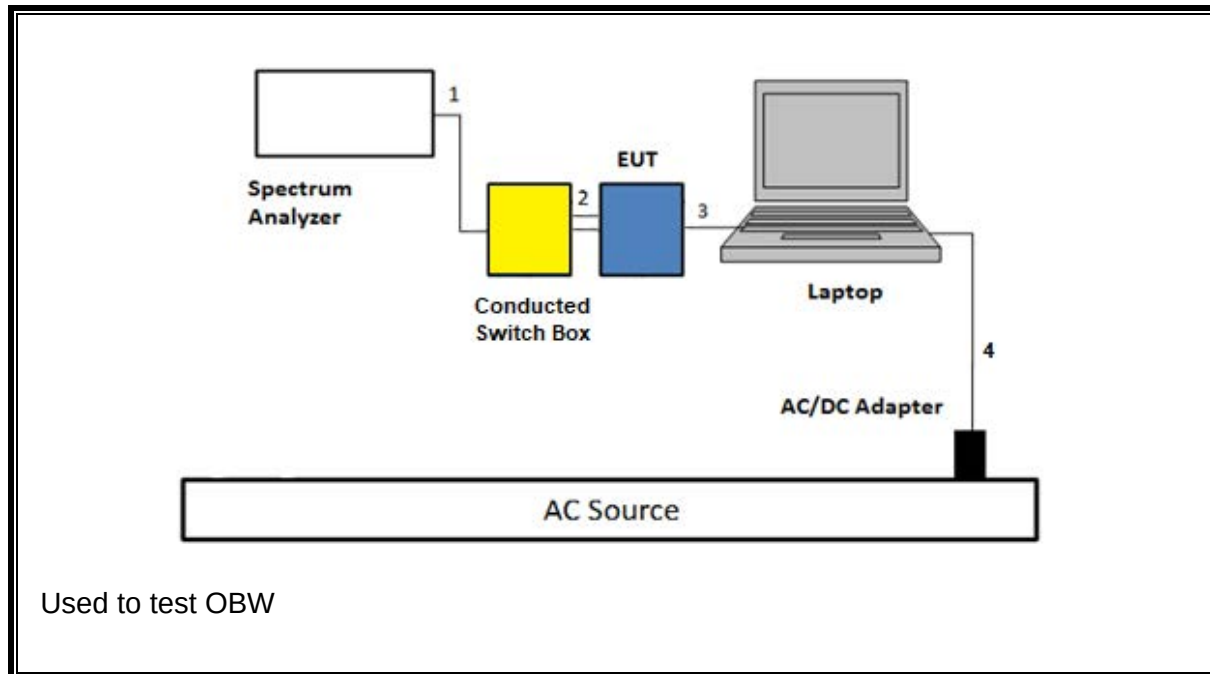
| I/O CABLES (RF RADIATED AND AC LINE CONDUCTED TEST) |      |                      |                |            |                  |         |
|-----------------------------------------------------|------|----------------------|----------------|------------|------------------|---------|
| Cable No.                                           | Port | # of Identical Ports | Connector Type | Cable Type | Cable Length (m) | Remarks |
| 1                                                   | DC   | 1                    | DC             | Shielded   | 2.00             | N/A     |
| 2                                                   | USB  | 1                    | USB-C          | Shielded   | 1.00             | N/A     |

| I/O CABLES (DUAL CLIENT TEST/ CLIENT DEVICE - POWER ADJUSTMENT) |      |                      |                |            |                  |                                    |
|-----------------------------------------------------------------|------|----------------------|----------------|------------|------------------|------------------------------------|
| Cable No.                                                       | Port | # of Identical Ports | Connector Type | Cable Type | Cable Length (m) | Remarks                            |
| 1                                                               | AC   | 3                    | AC             | Shielded   | 2.00             | N/A                                |
| 2                                                               | SMA  | 6                    | SMA            | Shielded   | 0.75             | To PXA/Power Meter/Coupler/CMX 500 |
| 3                                                               | USB  | 1                    | USB-C          | Shielded   | 1.00             | N/A                                |

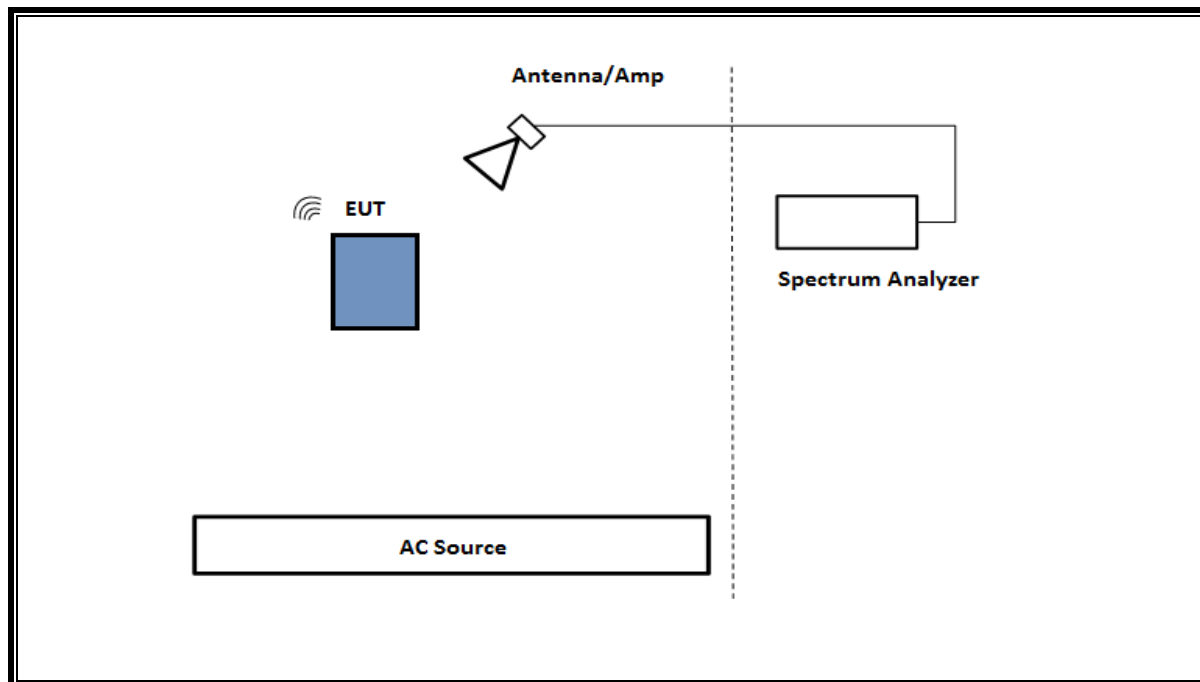
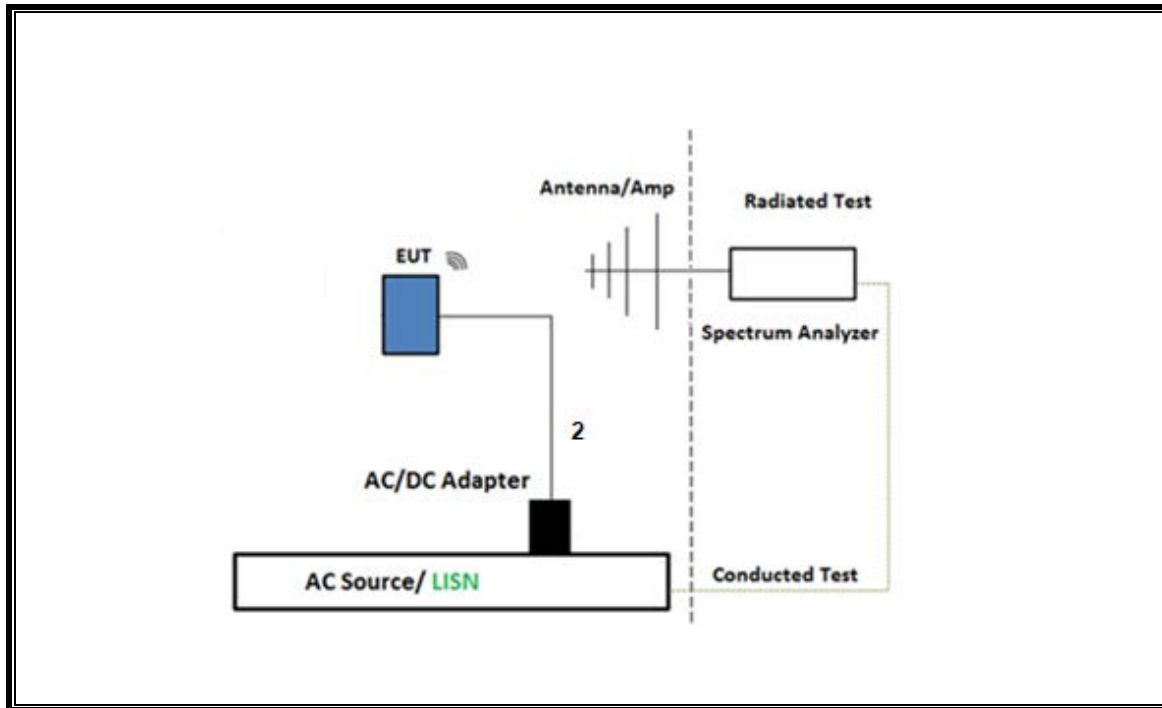
| I/O CABLES (VLP TPC TEST) |       |                      |                |             |                  |                                                       |
|---------------------------|-------|----------------------|----------------|-------------|------------------|-------------------------------------------------------|
| Cable No.                 | Port  | # of Identical Ports | Connector Type | Cable Type  | Cable Length (m) | Remarks                                               |
| 1                         | AC    | 1                    | 2-Prong        | Un-shielded | 1.00             | DC to AC Mains                                        |
| 2                         | DC    | 1                    | DC             | Shielded    | 1.50             | To Laptop                                             |
| 3                         | USB-C | 1                    | USB-C          | Shielded    | 1.00             | N/A                                                   |
| 4                         | SMA   | 4                    | SMA            | Shielded    | 0.75             | To PXA, coupler, step attenuator and companion device |

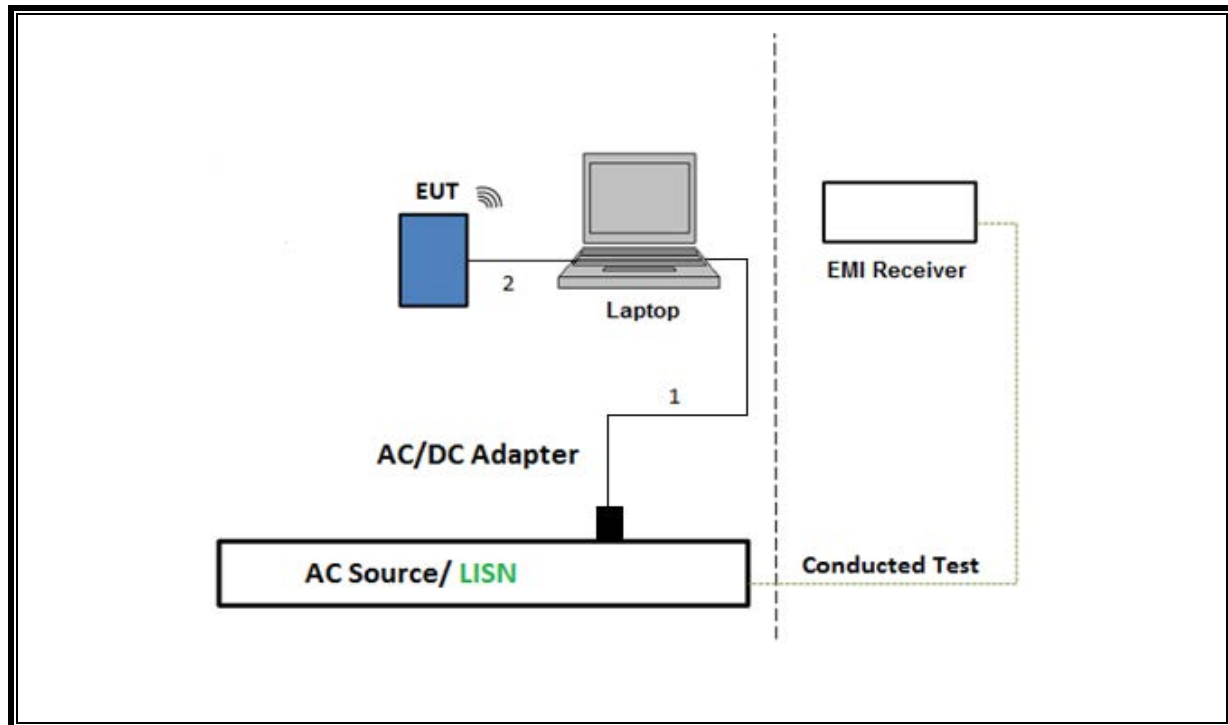
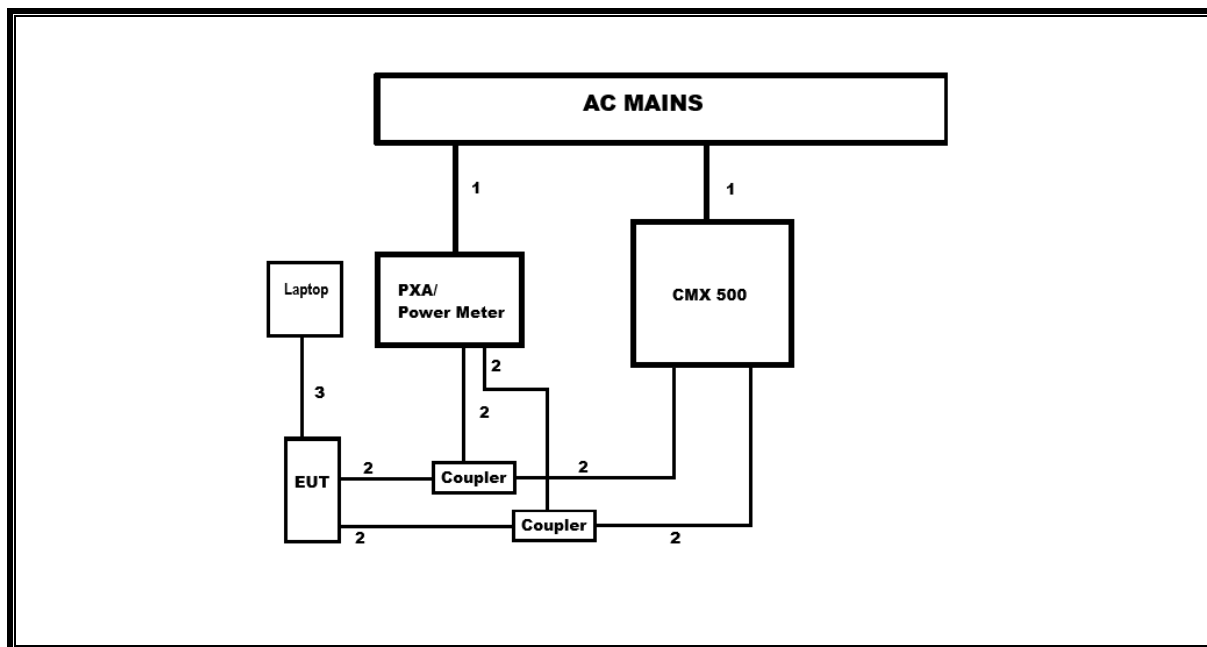
### TEST SETUP

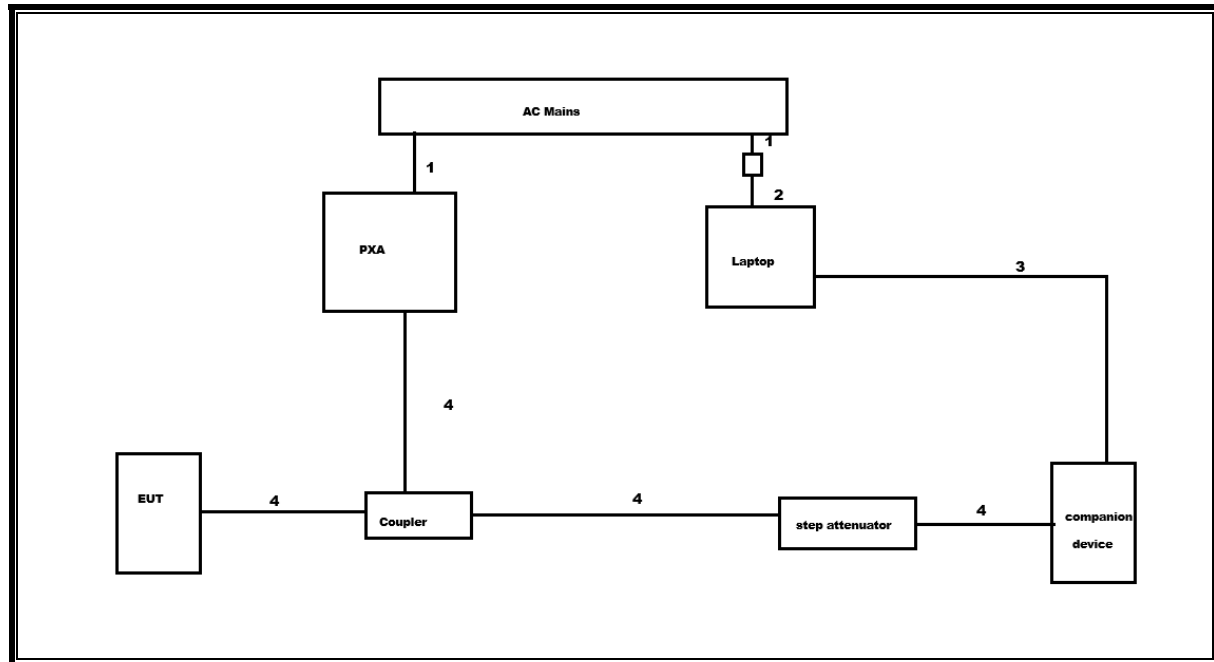
The EUT setup is shown as below. Test software exercised the radio card.

**SETUP DIAGRAM FOR CONDUCTED TESTS**



**SETUP DIAGRAM FOR RADIATED TESTS Above 1 GHz****SETUP DIAGRAM FOR Below 1GHz and AC LINE CONDUCTED TEST**

**TEST SETUP- AC LINE CONDUCTED: LAPTOP CONFIGURATION****DUAL CLIENT TEST/ CLIENT DEVICE - POWER ADJUSTMENT**

**VLP SETUP DIAGRAM FOR TPC TEST**

Note: For TCP test, companion device is same device type and model as the EUT and is used to establish a peer-to-peer link.

## 7. MEASUREMENT METHOD

| TEST ITEM                                                       | TEST METHOD                                          |
|-----------------------------------------------------------------|------------------------------------------------------|
| On Time and Duty Cycle                                          | KDB 789033 D02, Section II - B                       |
| 26 dB Emission BW                                               | KDB 789033 D02, Section II - C.1                     |
| 99% Occupied BW                                                 | KDB 789033 D02, Section II - D                       |
| Conducted Output Power                                          | KDB 789033 D02, Section II - E.3.b                   |
| Power Spectral Density                                          | KDB 789033 D02, Section II - F                       |
| Spurious emissions within 5.925-7.125 GHz Band (Emissions Mask) | KDB 987594 D02, EMC Measurement, Section II - J      |
| Unwanted Emissions in Restricted Bands                          | KDB 789033 D02, Sections II - G.3, G.4, G.5, and G.6 |
| Unwanted Emissions in Non-Restricted Bands                      | KDB 789033 D02, Sections II - G.3, G.4, and G.5      |
| AC Power Line Conducted Emissions                               | ANSI C63.10, Section 6.2                             |
| Radiated Spurious Emissions Below 30MHz                         | ANSI C63.10, Section 6.4                             |

## 8. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment were utilized for the tests documented in this report:

| TEST EQUIPMENT LIST                           |                           |              |            |            |
|-----------------------------------------------|---------------------------|--------------|------------|------------|
| Description                                   | Manufacturer              | Model        | ID Num     | Cal Due    |
| EMI Test Receiver                             | Rohde & Schwarz           | ESW44        | 169937     | 2026-02-28 |
| Antenna, Passive Loop 100KHz - 30MHz          | ELECTRO-METRICS           | EM-6872      | 170016     | 2026-11-30 |
| Antenna, Passive Loop 30Hz - 1MHz             | ELECTRO-METRICS           | EM-6871      | 170014     | 2026-11-30 |
| Amplifier, 9KHz to 1GHz, 32dB                 | SONOMA INSTRUMENT         | 310N         | 170649     | 2026-01-31 |
| EMI Test Receiver                             | Rohde & Schwarz           | ESW44        | 225683     | 2026-02-28 |
| Antenna, Horn 1-18GHz                         | ETS-Lindgren              | 3117         | 226674     | 2027-03-31 |
| RF Filter Box, 1-18GHz                        | UL-FR1                    | RATS 1.0     | 250156     | 2025-10-31 |
| EMI Test Receiver                             | Rohde & Schwarz           | ESW44        | 191428     | 2026-02-28 |
| Antenna, Horn 1-18GHz                         | ETS-Lindgren              | 3117         | 84796      | 2026-10-31 |
| RF Filter Box, 1-18GHz                        | UL-FR1                    | Frankenstein | 230878     | 2026-05-31 |
| EMI Test Receiver                             | Rohde & Schwarz           | ESW44        | 169933     | 2026-02-28 |
| Antenna, Broadband Hybrid 30 MHz - 2 or 3 GHz | Sunol Sciences Corp.      | JB3          | 80813      | 2026-06-30 |
| Amplifier 9 KHz - 1 GHz                       | SONOMA INSTRUMENT         | 310N         | 230311     | 2026-05-31 |
| Antenna, Horn 1-18GHz                         | ETS-Lindgren              | 3117         | 226673     | 2026-02-28 |
| RF Filter Box, 1-18GHz                        | UL-FR1                    | Frankenstein | 231874     | 2026-06-30 |
| EMI Test Receiver                             | Rohde & Schwarz           | ESW44        | 170063     | 2026-02-28 |
| Antenna, Horn 1-18GHz                         | ETS-Lindgren              | 3117         | 223084     | 2026-12-31 |
| RF Filter Box, 1-18GHz                        | UL-FR1                    | Frankenstein | 231875     | 2025-11-31 |
| EMI Test Receiver                             | Rohde & Schwarz           | ESW44        | 235670     | 2026-02-28 |
| Antenna, Horn 1-18GHz                         | ETS-Lindgren              | 3117         | 84797      | 2026-10-31 |
| RF Filter Box, 1-18GHz                        | UL-FR1                    | UL RATS 2.0  | 225079     | 2026-05-31 |
| EMI Test Receiver                             | Rohde & Schwarz           | ESW44        | 201497     | 2026-02-28 |
| Antenna, Horn 1-18GHz                         | ETS-Lindgren              | 3117         | 222740     | 2026-09-30 |
| RF Filter Box, 1-18GHz                        | UL-FR1                    | Silver Box   | 171389     | 2026-03-31 |
| EMI Test Receiver                             | Rohde & Schwarz           | ESW44        | 245268     | 2026-02-28 |
| Antenna, Horn 1-18GHz                         | ETS-Lindgren              | 3117         | 80707      | 2026-06-30 |
| RF Filter Box, 1-18GHz                        | UL-FR1                    | Silver Box   | PRE0181597 | 2026-03-31 |
| EMI Test Receiver                             | Rohde & Schwarz           | ESW44        | 230548     | 2026-02-28 |
| Antenna, Horn 1-18GHz                         | ETS-Lindgren              | 3117         | 80402      | 2025-08-31 |
| RF Filter Box, 1-18GHz                        | UL-FR1                    | Frankenstein | 216812     | 2026-06-30 |
| EMI Test Receiver                             | Rohde & Schwarz           | ESW44        | 223460     | 2026-02-28 |
| Antenna, Horn 1-18GHz                         | ETS-Lindgren              | 3117         | 80403      | 2026-08-31 |
| RF Filter Box, 1-18GHz                        | UL-FR1                    | RATS 2.0     | 236726     | 2025-10-31 |
| EMI Test Receiver                             | Rohde & Schwarz           | ESW44        | 223459     | 2026-02-28 |
| Antenna, Horn 1-18GHz                         | ETS-Lindgren              | 3117         | 226672     | 2026-02-29 |
| RF Filter Box, 1-18GHz                        | UL-FR1                    | Frankenstein | 231876     | 2026-04-30 |
| EMI Test Receiver                             | Rohde & Schwarz           | ESW44        | 201501     | 2026-02-28 |
| Antenna, Horn 1-18GHz                         | ETS-Lindgren              | 3117         | 230300     | 2027-03-31 |
| RF Filter Box, 1-18GHz                        | UL-FR1                    | RATS 2.0     | 225474     | 2026-05-31 |
| EMI Test Receiver                             | Rohde & Schwarz           | ESW44        | 201498     | 2026-02-28 |
| Antenna, Horn 1-18GHz                         | ETS-Lindgren              | 3117         | 81887      | 2027-03-31 |
| RF Filter Box, 1-18GHz                        | UL-FR1                    | RATS 2.0     | 225575     | 2025-11-30 |
| EMI Test Receiver                             | Rohde & Schwarz           | ESW44        | 226078     | 2026-02-28 |
| Antenna, Horn 1-18GHz                         | ETS-Lindgren              | 3117         | 80404      | 2025-08-31 |
| RF Filter Box, 1-18GHz                        | UL-FR1                    | RATS 2.0     | 226781     | 2026-05-31 |
| EMI Test Receiver                             | Rohde & Schwarz           | ESW44        | 226079     | 2026-02-28 |
| Antenna, Horn 1-18GHz                         | ETS-Lindgren              | 3117         | 230299     | 2027-02-28 |
| RF Filter Box, 1-18GHz                        | UL-FR1                    | RATS 2.0     | 226780     | 2026-05-31 |
| Spectrum Analyzer, PXA, 3Hz to 44GHz          | Keysight Technologies Inc | N9030A       | 85214      | 2026-01-31 |
| Conducted Switch box                          | N/A                       | CSB          | 254476     | 2025-10-31 |

| Description                                        | Manufacturer              | Model         | ID Num | Cal Due    |
|----------------------------------------------------|---------------------------|---------------|--------|------------|
| Spectrum Analyzer, PXA, 3Hz to 44GHz               | Keysight Technologies Inc | N9030A        | 80396  | 2026-01-31 |
| Conducted Switch Box                               | N/A                       | CSB           | 246773 | 2026-06-30 |
| Spectrum Analyzer, PXA, 3Hz to 44GHz               | Keysight Technologies Inc | N9030A        | 125178 | 2026-01-31 |
| Conducted Switch Box                               | N/A                       | CSB           | 245781 | 2026-04-30 |
| Spectrum Analyzer, PXA, 3Hz to 44GHz               | Keysight Technologies Inc | N9030A        | 85201  | 2026-01-31 |
| Conducted Switch Box                               | N/A                       | CSB           | 245262 | 2026-04-30 |
| Spectrum Analyzer, PXA, 3Hz to 44GHz               | Keysight Technologies Inc | N9030A-544    | 90238  | 2025-07-31 |
| Conducted Switch Box                               | N/A                       | CSB           | 235779 | 2026-06-30 |
| Spectrum Analyzer, PXA, 3Hz to 50GHz               | Keysight Technologies Inc | N9030A        | 80400  | 2026-01-31 |
| Conducted Switch Box                               | N/A                       | CSB           | 245774 | 2026-06-30 |
| Spectrum Analyzer, PXA, 3Hz to 44GHz               | Keysight Technologies Inc | N9030A        | 125179 | 2026-01-31 |
| Conducted Switch Box                               | N/A                       | CSB           | 245777 | 2026-06-30 |
| Spectrum Analyzer, PXA, 3Hz to 44GHz               | Keysight Technologies Inc | N9030A        | 80397  | 2026-01-31 |
| Conducted Switch Box                               | N/A                       | CSB           | 245782 | 2025-07-31 |
| Spectrum Analyzer, PXA, 3Hz to 44GHz               | Keysight Technologies Inc | N9030A        | 85212  | 2026-01-31 |
| Conducted Switch Box                               | N/A                       | CSB           | 220322 | 2025-10-31 |
| Spectrum Analyzer, PXA, 3Hz to 44GHz               | Keysight Technologies Inc | N9030A        | 85313  | 2026-01-31 |
| Conducted Switch Box                               | N/A                       | CSB           | 245775 | 2026-06-30 |
| Spectrum Analyzer, PXA, 3Hz to 44GHz               | Keysight Technologies Inc | N9030A        | 87738  | 2026-01-31 |
| Conducted Switch Box                               | N/A                       | CSB           | 235783 | 2026-06-30 |
| P-Series Power Meter                               | Keysight Technologies Inc | N1912A-CFG003 | 259286 | 2026-03-31 |
| Power Sensor, P - series, 50MHz to 18GHz, Wideband | Keysight Technologies Inc | N1921A        | 257703 | 2026-03-31 |
| 10dB Fixed Attenuator, Up to 26GHz                 | Pasternack Enterprises    | PE7087-10     | 236285 | 2025-08-31 |
| 10dB Fixed Attenuator, 2 Watts Up to 26.5 GHz      | Pasternack Enterprises    | PE7024-10     | 236356 | 2025-08-31 |
| 10 dB Attenuator, Up to 18 GHz Rated to 2 Watts    | Pasternack Enterprises    | SA18H-10      | 236400 | 2025-08-31 |

#### AC Line Conducted

| Description                           | Manufacturer                  | Model                        | ID Num | Cal Due    |
|---------------------------------------|-------------------------------|------------------------------|--------|------------|
| EMI Test Receiver 9kHz-7GHz           | Rohde & Schwarz               | ESR                          | 171646 | 2026-02-28 |
| LISN for Conducted Emissions CISPR-16 | Fischer Custom Communications | FCC-LISN-50/250-25-2-01-480V | 175765 | 2026-01-31 |
| Transient Limiter                     | TE                            | TBFL1                        | 207996 | 2025-09-30 |

#### UL Automation Software

| Description                | Manufacturer | Model        | Version             |
|----------------------------|--------------|--------------|---------------------|
| Radiated Software          | UL           | UL EMC       | Ver 9.5 May 1, 2023 |
| Antenna Port Software      | UL           | UL EMC       | Ver 2024.2.23       |
| AC Line Conducted Software | UL           | UL EMC       | Ver 9.5 Jan 9, 2023 |
| Conducted Software         | UL           | Station Tool | v2025.6.1           |

#### VLP TPC Test

| Description                          | Manufacturer              | Model    | ID Num     | Cal Due    |
|--------------------------------------|---------------------------|----------|------------|------------|
| Spectrum Analyzer, PXA, 3Hz to 44GHz | Keysight Technologies Inc | N9030A   | 80400      | 2026-01-31 |
| Step Attenuator 70dB                 | HP                        | 8495B    | 2406A01354 | N/A        |
| Directional Coupler                  | Pasternack Enterprises    | PE2204-6 | 246270     | 2026-05-31 |

| Dual Client Test                                   |                                       |          |        |            |
|----------------------------------------------------|---------------------------------------|----------|--------|------------|
| Description                                        | Manufacturer                          | Model    | ID Num | Cal Due    |
| Power Meter, P-series single channel               | Keysight Technologies Inc             | N1911A   | 90715  | 2026-01-31 |
| Power Sensor, P - series, 50MHz to 18GHz, Wideband | Keysight Technologies Inc             | N1921A   | 81319  | 2026-01-31 |
| Spectrum Analyzer, PXA, 3Hz to 44GHz               | Keysight Technologies Inc             | N9030A   | 80400  | 2026-01-31 |
| Directional Coupler                                | Pasternack Enterprises                | PE2204-6 | 246269 | 2026-05-31 |
| Directional Coupler                                | Pasternack Enterprises                | PE2204-6 | 246270 | 2026-05-31 |
| SMA-SMA cable (.3 meter)                           | Pasternack                            | PE360-12 | 246328 | 2026-05-31 |
| SMA-SMA cable (.3 meter)                           | Pasternack                            | PE360-12 | 246324 | 2026-05-31 |
| SMA-SMA cable (.3 meter)                           | Pasternack                            | PE360-12 | 246326 | 2026-05-31 |
| SMA-SMA cable (.6 meter)                           | Pasternack                            | PE360-24 | 246274 | 2026-05-31 |
| Radio Communication Tester                         | Rohde & Schwarz (Koeln) GmbH & Co. KG | CMX500   | 209009 | 2026-03-31 |

\* Testing was completed before equipment calibration due date.

## 9. ANTENNA PORT TEST RESULTS

### 9.1. ON TIME AND DUTY CYCLE

#### LIMITS

None; for reporting purposes only.

#### PROCEDURE

KDB 789033 Zero-Span Spectrum Analyzer Method.

#### ON TIME AND DUTY CYCLE RESULTS

| Mode  | Tone    | Data Rate (Mbps) | ON Time T (msec) | Period (msec) | Duty Cycle x (linear) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | 1/T Minimum VBW (kHz) |
|-------|---------|------------------|------------------|---------------|-----------------------|----------------|-----------------------------------|-----------------------|
| 11a   | --      | 6                | 3.830            | 3.855         | 0.9935                | 99.35%         | 0.00                              | 0.010                 |
|       |         | 54               | 4.450            | 4.475         | 0.9944                | 99.44%         | 0.00                              | 0.010                 |
| EHT20 | SU      | MCS0             | 4.620            | 4.645         | 0.9946                | 99.46%         | 0.00                              | 0.010                 |
|       |         | MCS11            | 5.433            | 5.460         | 0.9951                | 99.51%         | 0.00                              | 0.010                 |
|       | 26T     | MCS0             | 2.032            | 2.064         | 0.9845                | 98.45%         | 0.00                              | 0.010                 |
|       |         | MCS11            | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|       | 52T     | MCS0             | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|       |         | MCS11            | 2.029            | 2.067         | 0.9816                | 98.16%         | 0.00                              | 0.010                 |
|       | 52+26T  | MCS0             | 2.027            | 2.072         | 0.9783                | 97.83%         | 0.10                              | 0.493                 |
|       |         | MCS11            | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|       | 106T    | MCS0             | 2.029            | 2.064         | 0.9830                | 98.30%         | 0.00                              | 0.010                 |
|       |         | MCS11            | 2.027            | 2.072         | 0.9783                | 97.83%         | 0.10                              | 0.493                 |
|       | 106+26T | MCS0             | 2.029            | 2.064         | 0.9830                | 98.30%         | 0.00                              | 0.010                 |
|       |         | MCS11            | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
| EHT40 | SU      | MCS0             | 5.380            | 5.400         | 0.9963                | 99.63%         | 0.00                              | 0.010                 |
|       |         | MCS11            | 2.980            | 3.003         | 0.9923                | 99.23%         | 0.00                              | 0.010                 |
|       | 26T     | MCS0             | 2.013            | 2.069         | 0.9729                | 97.29%         | 0.12                              | 0.497                 |
|       |         | MCS11            | 2.029            | 2.064         | 0.9830                | 98.30%         | 0.00                              | 0.010                 |
|       | 52T     | MCS0             | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|       |         | MCS11            | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|       | 52+26T  | MCS0             | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|       |         | MCS11            | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|       | 106T    | MCS0             | 2.029            | 2.064         | 0.9830                | 98.30%         | 0.00                              | 0.010                 |
|       |         | MCS11            | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|       | 106+26T | MCS0             | 2.029            | 2.067         | 0.9816                | 98.16%         | 0.00                              | 0.010                 |
|       |         | MCS11            | 2.029            | 2.064         | 0.9830                | 98.30%         | 0.00                              | 0.010                 |
|       | 242T    | MCS0             | 2.029            | 2.064         | 0.9830                | 98.30%         | 0.00                              | 0.010                 |
|       |         | MCS11            | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |

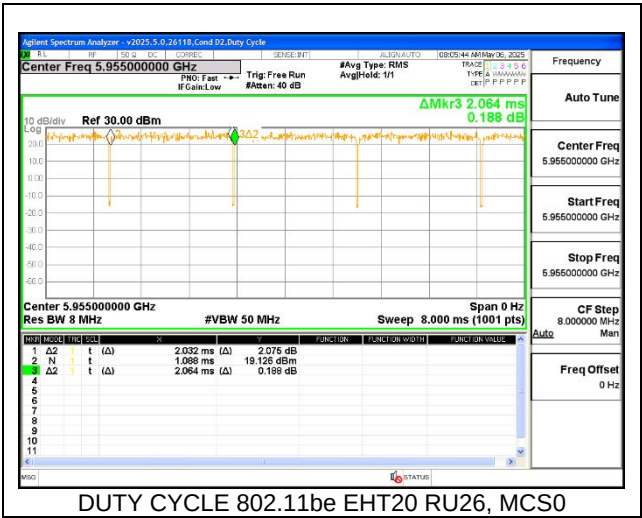


| Mode   | Tone     | Data Rate (Mbps) | ON Time T (msec) | Period (msec) | Duty Cycle x (linear) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | 1/T Minimum VBW (kHz) |
|--------|----------|------------------|------------------|---------------|-----------------------|----------------|-----------------------------------|-----------------------|
| EHT80  | SU       | MCS0             | 5.140            | 5.167         | 0.9948                | 99.48%         | 0.00                              | 0.010                 |
|        |          | MCS11            | 1.460            | 1.485         | 0.9832                | 98.32%         | 0.00                              | 0.010                 |
|        | 26T      | MCS0             | 5.334            | 5.404         | 0.9870                | 98.70%         | 0.00                              | 0.010                 |
|        |          | MCS11            | 5.343            | 5.399         | 0.9896                | 98.96%         | 0.00                              | 0.010                 |
|        | 52T      | MCS0             | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|        |          | MCS11            | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|        | 106T     | MCS0             | 2.029            | 2.064         | 0.9830                | 98.30%         | 0.00                              | 0.010                 |
|        |          | MCS11            | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|        | 106+26T  | MCS0             | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|        |          | MCS11            | 2.028            | 2.063         | 0.9830                | 98.30%         | 0.00                              | 0.010                 |
|        | 242T     | MCS0             | 2.029            | 2.064         | 0.9830                | 98.30%         | 0.00                              | 0.010                 |
|        |          | MCS11            | 2.029            | 2.064         | 0.9830                | 98.30%         | 0.00                              | 0.010                 |
|        | 484T     | MCS0             | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|        |          | MCS11            | 2.029            | 2.064         | 0.9830                | 98.30%         | 0.00                              | 0.010                 |
|        | 484+242T | MCS0             | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|        |          | MCS11            | 2.027            | 2.069         | 0.9797                | 97.97%         | 0.09                              | 0.493                 |
| EHT160 | SU       | MCS0             | 5.320            | 5.340         | 0.9963                | 99.63%         | 0.00                              | 0.010                 |
|        |          | MCS11            | 0.765            | 0.791         | 0.9671                | 96.71%         | 0.15                              | 1.307                 |
|        | 26T      | MCS0             | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|        |          | MCS11            | 2.029            | 2.067         | 0.9816                | 98.16%         | 0.00                              | 0.010                 |
|        | 52T      | MCS0             | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|        |          | MCS11            | 2.029            | 2.067         | 0.9816                | 98.16%         | 0.00                              | 0.010                 |
|        | 106T     | MCS0             | 2.028            | 2.065         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|        |          | MCS11            | 2.030            | 2.065         | 0.9831                | 98.31%         | 0.00                              | 0.010                 |
|        | 106+26T  | MCS0             | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|        |          | MCS11            | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|        | 484T     | MCS0             | 2.028            | 2.065         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|        |          | MCS11            | 2.028            | 2.065         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|        | 996T     | MCS0             | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|        |          | MCS11            | 2.029            | 2.064         | 0.9830                | 98.30%         | 0.00                              | 0.010                 |
|        | 996+484T | MCS0             | 2.029            | 2.064         | 0.9830                | 98.30%         | 0.00                              | 0.010                 |
|        |          | MCS11            | 2.029            | 2.064         | 0.9830                | 98.30%         | 0.00                              | 0.010                 |

| Mode       | Tone     | Data Rate (Mbps) | ON Time T (msec) | Period (msec) | Duty Cycle x (linear) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | 1/T Minimum VBW (kHz) |
|------------|----------|------------------|------------------|---------------|-----------------------|----------------|-----------------------------------|-----------------------|
| EHT20 SDM  | SU       | MCS0             | 5.387            | 5.413         | 0.9952                | 99.52%         | 0.00                              | 0.010                 |
|            | 52T      | MCS0             | 2.029            | 2.067         | 0.9816                | 98.16%         | 0.00                              | 0.010                 |
|            | 52+26T   | MCS0             | 2.029            | 2.064         | 0.9830                | 98.30%         | 0.00                              | 0.010                 |
|            | 106T     | MCS0             | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|            | 106+26   | MCS0             | 2.029            | 2.067         | 0.9816                | 98.16%         | 0.00                              | 0.010                 |
| EHT40 SDM  | SU       | MCS0             | 5.387            | 5.413         | 0.9952                | 99.52%         | 0.00                              | 0.010                 |
|            | 26T      | MCS0             | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|            | 52T      | MCS0             | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|            | 106T     | MCS0             | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|            | 106+26T  | MCS0             | 2.029            | 2.067         | 0.9816                | 98.16%         | 0.00                              | 0.010                 |
|            | 242T     | MCS0             | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
| EHT80 SDM  | SU       | MCS0             | 5.327            | 5.353         | 0.9951                | 99.51%         | 0.00                              | 0.010                 |
|            | 52T      | MCS0             | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|            | 106+26T  | MCS0             | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|            | 242T     | MCS0             | 2.029            | 2.064         | 0.9830                | 98.30%         | 0.00                              | 0.010                 |
|            | 484T     | MCS0             | 2.029            | 2.067         | 0.9816                | 98.16%         | 0.00                              | 0.010                 |
|            | 484+242T | MCS0             | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
| EHT160 SDM | SU       | MCS0             | 5.413            | 5.44          | 0.9950                | 99.50%         | 0.00                              | 0.010                 |
|            | 52T      | MCS0             | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|            | 106T     | MCS0             | 2.028            | 2.065         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|            | 106+26T  | MCS0             | 2.029            | 2.067         | 0.9816                | 98.16%         | 0.00                              | 0.010                 |
|            | 484T     | MCS0             | 2.028            | 2.063         | 0.9830                | 98.30%         | 0.00                              | 0.010                 |
|            | 996T     | MCS0             | 2.027            | 2.064         | 0.9821                | 98.21%         | 0.00                              | 0.010                 |
|            | 996+484T | MCS0             | 2.029            | 2.067         | 0.9816                | 98.16%         | 0.00                              | 0.010                 |

Note: The same DCCF is used for both 1TX and 2TX.

DUTY CYCLE PLOTS



## 9.2. LP 26 dB AND 99% BANDWIDTH

### LIMITS

None; for reporting purposes only.

### PROCEDURE

ANSI C63.10

| Band         | Tones      | 20MHz<br>(RBW/VBW)                                                     | 40MHz<br>(RBW/VBW)                                                                           | 80MHz<br>(RBW/VBW)                                                                         | 160MHz<br>(RBW/VBW)                                              |
|--------------|------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| UNII-5/6/7/8 | Partial RU | 52+26T: 300kHz/910kHz<br>106T: 300kHz/910kHz<br>106+26T: 300kHz/910kHz | 52T: 510kHz/1.6MHz<br>52+26T: 510kHz/1.6MHz<br>106T: 510kHz/1.6MHz<br>106+26T: 510kHz/1.6MHz | 52T: 510kHz/1.6MHz<br>106T: 510kHz/1.6MHz<br>106+26T: 510kHz/1.6MHz<br>484T: 510kHz/1.6MHz | 106+26T: 510kHz/1.6MHz<br>484T: 510kHz/1.6MHz<br>996T: 1MHz/3MHz |
|              | SU         | 300kHz/910kHz                                                          | 510kHz/1.6MHz                                                                                | 1MHz/3MHz                                                                                  | 2MHz/6MHz                                                        |

### RESULTS

|              |              |
|--------------|--------------|
| <b>ID:</b>   | 111895/26118 |
| <b>Date:</b> | 2025-8-11    |

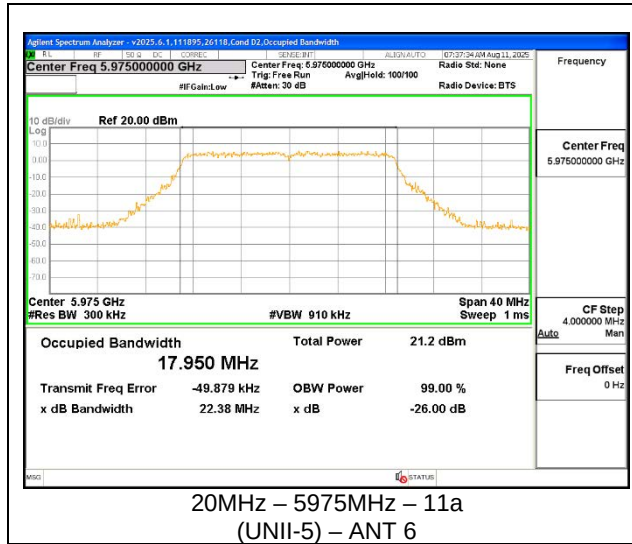
For mask and bandwidth measurements partial RU allocations are tested with the RUs allocated at the lower and upper positions within the channel for the low mid and high channels in each band. Additionally, the center channel is also tested with the RU allocated in the center of the channel to verify that the low / high RU allocations are the worst case.

Plots included in the report are representative of the method and settings parameters used for the test.

The tests performed on this device show that both 99% and 26dB bandwidths are less than 320 MHz for all supported channel bandwidths.

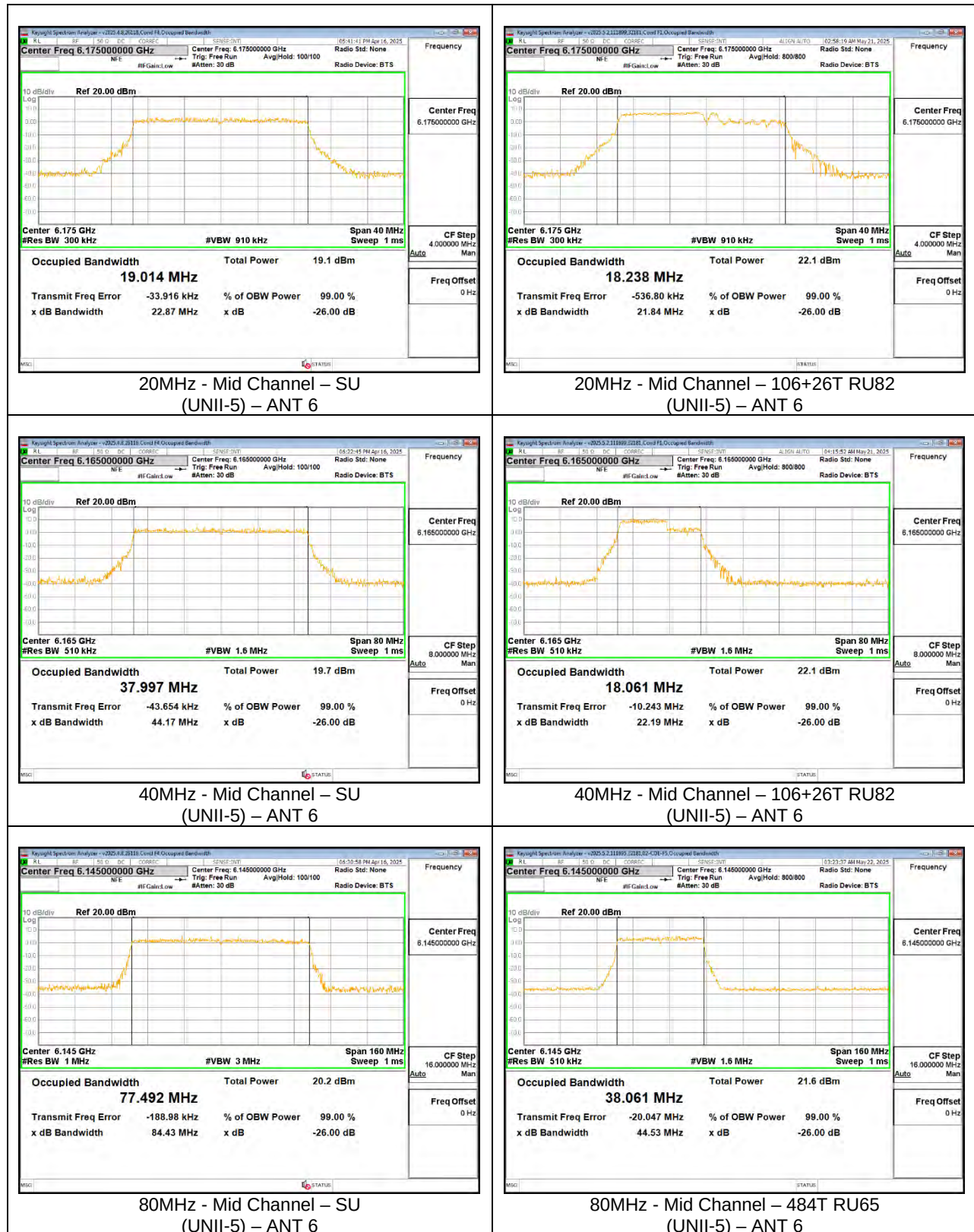
### 9.2.1. 802.11a SISO MODE IN THE UNII-5 BAND

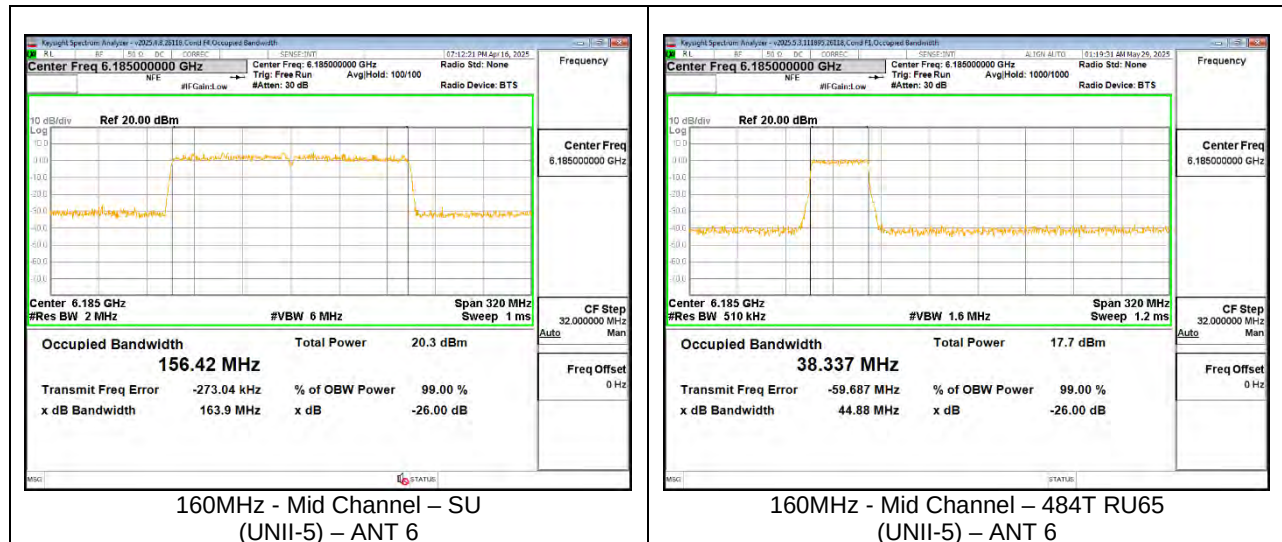
| UNII-8 (SISO) | Frequency (MHz) | Channel Number | Mode | 26 dB Bandwidth (MHz) |       | 99% Bandwidth (MHz) |        |
|---------------|-----------------|----------------|------|-----------------------|-------|---------------------|--------|
|               |                 |                |      | ANT 6                 | ANT 5 | ANT 6               | ANT 5  |
| 20 MHz        | 5975            | 5              | 11a  | 22.38                 | 22.93 | 17.950              | 17.937 |



### 9.2.2. 802.11be SISO MODE IN THE UNII-5 BAND

| UNII-5<br>(SISO) | Frequency<br>(MHz) | Channel<br>Number | Tone    | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|------------------|--------------------|-------------------|---------|-------------|-----------------------------|--------|---------------------------|---------|
|                  |                    |                   |         |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20 MHz           | 5955               | 1                 | SU      | --          | 22.27                       | 22.22  | 19.018                    | 18.955  |
|                  |                    |                   | 106+26T | 82          | 21.77                       | 21.51  | 18.220                    | 18.205  |
|                  |                    |                   |         | 83          | 21.56                       | 21.34  | 18.172                    | 18.135  |
|                  | 5975               | 5                 | SU      | --          | 22.99                       | 22.37  | 19.027                    | 19.017  |
|                  |                    |                   | 106+26T | 82          | 21.71                       | 21.90  | 18.245                    | 18.194  |
|                  |                    |                   |         | 83          | 21.17                       | 21.39  | 18.160                    | 18.092  |
|                  | 6175               | 45                | SU      | --          | 22.87                       | 22.28  | 19.014                    | 19.019  |
|                  |                    |                   | 106+26T | 82          | 21.84                       | 21.78  | 18.238                    | 18.255  |
|                  |                    |                   |         | 83          | 20.92                       | 21.57  | 18.094                    | 18.115  |
|                  | 6415               | 93                | SU      | --          | 22.47                       | 22.64  | 19.011                    | 19.025  |
|                  |                    |                   | 106+26T | 82          | 21.97                       | 21.73  | 18.236                    | 18.204  |
|                  |                    |                   |         | 83          | 21.19                       | 21.20  | 18.163                    | 18.056  |
| 40 MHz           | 5965               | 3                 | SU      | --          | 43.76                       | 44.05  | 37.897                    | 38.048  |
|                  |                    |                   | 106+26T | 82          | 21.52                       | 22.01  | 17.934                    | 18.076  |
|                  |                    |                   |         | 84          | 22.12                       | 22.35  | 18.615                    | 18.627  |
|                  |                    |                   |         | 85          | 21.25                       | 21.06  | 18.098                    | 17.911  |
|                  | 6005               | 11                | SU      | --          | 43.65                       | 42.38  | 37.958                    | 37.974  |
|                  |                    |                   | 106+26T | 82          | 21.91                       | 22.91  | 18.025                    | 18.058  |
|                  |                    |                   |         | 84          | 22.45                       | 22.24  | 18.591                    | 18.656  |
|                  |                    |                   |         | 85          | 21.34                       | 21.38  | 17.996                    | 18.084  |
|                  | 6165               | 43                | SU      | --          | 44.17                       | 42.93  | 37.997                    | 38.018  |
|                  |                    |                   | 106+26T | 82          | 22.19                       | 21.92  | 18.061                    | 18.117  |
|                  |                    |                   |         | 84          | 22.41                       | 22.24  | 18.606                    | 18.474  |
|                  |                    |                   |         | 85          | 21.30                       | 21.16  | 17.899                    | 17.972  |
|                  | 6405               | 91                | SU      | --          | 43.43                       | 43.65  | 38.000                    | 38.001  |
|                  |                    |                   | 106+26T | 82          | 22.28                       | 22.25  | 17.939                    | 17.965  |
|                  |                    |                   |         | 84          | 22.16                       | 22.20  | 18.565                    | 18.457  |
|                  |                    |                   |         | 85          | 21.22                       | 21.04  | 18.003                    | 17.967  |
| 80 MHz           | 5985               | 7                 | SU      | --          | 83.67                       | 84.37  | 77.424                    | 77.504  |
|                  |                    |                   | 484T    | 65          | 44.31                       | 44.66  | 38.134                    | 38.240  |
|                  |                    |                   |         | 66          | 44.69                       | 43.82  | 38.223                    | 38.158  |
|                  | 6145               | 39                | SU      | --          | 84.43                       | 84.16  | 77.492                    | 77.722  |
|                  |                    |                   | 484T    | 65          | 44.53                       | 44.89  | 38.061                    | 38.152  |
|                  |                    |                   |         | 66          | 44.25                       | 44.07  | 38.168                    | 38.125  |
|                  | 6385               | 87                | SU      | --          | 83.73                       | 84.59  | 77.622                    | 77.550  |
|                  |                    |                   | 484T    | 65          | 44.33                       | 44.14  | 38.098                    | 38.095  |
|                  |                    |                   |         | 66          | 43.76                       | 44.77  | 38.179                    | 38.205  |
| 160 MHz          | 6025               | 15                | SU      | --          | 164.00                      | 163.50 | 156.340                   | 156.520 |
|                  |                    |                   | 484T    | 65          | 43.70                       | 44.00  | 38.269                    | 38.257  |
|                  |                    |                   |         | 66          | 44.09                       | 44.49  | 38.345                    | 38.287  |
|                  |                    |                   |         | S66         | 43.87                       | 44.47  | 38.362                    | 38.203  |
|                  | 6185               | 47                | SU      | --          | 163.90                      | 163.40 | 156.420                   | 156.380 |
|                  |                    |                   | 484T    | 65          | 44.88                       | 44.15  | 38.337                    | 38.268  |
|                  |                    |                   |         | 66          | 43.97                       | 42.91  | 38.320                    | 38.220  |
|                  |                    |                   |         | S66         | 44.23                       | 43.92  | 38.275                    | 38.268  |
|                  | 6345               | 79                | SU      | --          | 164.20                      | 164.20 | 156.500                   | 156.250 |
|                  |                    |                   | 484T    | 65          | 44.29                       | 44.83  | 38.334                    | 38.353  |
|                  |                    |                   |         | 66          | 43.90                       | 44.21  | 38.239                    | 38.343  |
|                  |                    |                   |         | S66         | 44.61                       | 44.79  | 38.355                    | 38.412  |





### 9.2.3. 802.11be MIMO CDD MODE IN THE UNII-5 BAND

| UNII-5<br>(MIMO CDD) | Frequency<br>(MHz) | Channel<br>Number | Tone    | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|----------------------|--------------------|-------------------|---------|-------------|-----------------------------|--------|---------------------------|---------|
|                      |                    |                   |         |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20 MHz               | 5955               | 1                 | SU      | --          | 22.02                       | 22.91  | 19.014                    | 18.981  |
|                      |                    |                   | 106+26T | 82          | 22.02                       | 20.87  | 18.170                    | 18.112  |
|                      |                    |                   |         | 83          | 21.50                       | 20.63  | 18.110                    | 18.143  |
|                      | 5975               | 5                 | SU      | --          | 22.86                       | 22.67  | 18.989                    | 19.031  |
|                      |                    |                   | 106+26T | 82          | 21.79                       | 21.00  | 18.167                    | 18.157  |
|                      |                    |                   |         | 83          | 21.31                       | 20.62  | 18.148                    | 18.059  |
|                      | 6175               | 45                | SU      | --          | 22.56                       | 22.40  | 18.982                    | 18.995  |
|                      |                    |                   | 106+26T | 82          | 22.31                       | 20.48  | 18.201                    | 18.105  |
|                      |                    |                   |         | 83          | 21.24                       | 20.80  | 18.101                    | 18.113  |
|                      | 6415               | 93                | SU      | --          | 22.04                       | 22.18  | 19.011                    | 19.003  |
|                      |                    |                   | 106+26T | 82          | 22.13                       | 20.65  | 18.228                    | 18.085  |
|                      |                    |                   |         | 83          | 21.15                       | 20.52  | 18.163                    | 18.073  |
| 40 MHz               | 5965               | 3                 | SU      | --          | 43.67                       | 42.79  | 37.911                    | 38.011  |
|                      |                    |                   | 52T     | 37          | 21.85                       | 20.89  | 18.314                    | 18.202  |
|                      |                    |                   |         | 41          | 21.35                       | 20.50  | 19.022                    | 18.385  |
|                      |                    |                   |         | 44          | 20.93                       | 20.43  | 18.355                    | 18.168  |
|                      | 6005               | 11                | SU      | --          | 43.56                       | 42.65  | 37.907                    | 37.983  |
|                      |                    |                   | 52T     | 37          | 21.37                       | 20.50  | 18.387                    | 18.228  |
|                      |                    |                   |         | 41          | 21.80                       | 21.31  | 18.874                    | 18.699  |
|                      |                    |                   |         | 44          | 20.83                       | 20.90  | 18.326                    | 18.173  |
|                      | 6165               | 43                | SU      | --          | 43.37                       | 43.61  | 37.976                    | 38.028  |
|                      |                    |                   | 52T     | 37          | 20.86                       | 20.88  | 18.301                    | 18.287  |
|                      |                    |                   |         | 41          | 21.56                       | 20.96  | 18.911                    | 18.709  |
|                      |                    |                   |         | 44          | 20.97                       | 20.79  | 18.414                    | 18.304  |
|                      | 6405               | 91                | SU      | --          | 43.76                       | 42.23  | 37.981                    | 37.994  |
|                      |                    |                   | 52T     | 37          | 21.62                       | 21.12  | 18.310                    | 18.148  |
|                      |                    |                   |         | 41          | 21.85                       | 21.16  | 18.947                    | 18.708  |
|                      |                    |                   |         | 44          | 20.88                       | 20.57  | 18.414                    | 18.257  |
| 80 MHz               | 5985               | 7                 | SU      | --          | 83.54                       | 84.63  | 77.504                    | 77.396  |
|                      |                    |                   | 484T    | 65          | 43.64                       | 43.31  | 38.126                    | 38.107  |
|                      |                    |                   |         | 66          | 43.91                       | 43.93  | 38.159                    | 38.081  |
|                      | 6145               | 39                | SU      | --          | 85.08                       | 83.49  | 77.492                    | 77.351  |
|                      |                    |                   | 484T    | 65          | 43.78                       | 43.55  | 38.120                    | 38.196  |
|                      |                    |                   |         | 66          | 44.22                       | 43.93  | 38.163                    | 38.103  |
|                      | 6385               | 87                | SU      | --          | 84.07                       | 84.25  | 77.663                    | 77.653  |
|                      |                    |                   | 484T    | 65          | 44.30                       | 43.68  | 35.150                    | 38.128  |
|                      |                    |                   |         | 66          | 44.44                       | 43.45  | 38.130                    | 38.094  |
|                      |                    |                   |         | 66          | 44.44                       | 43.45  | 38.130                    | 38.094  |
| 160 MHz              | 6025               | 15                | SU      | --          | 163.70                      | 163.10 | 156.550                   | 156.240 |
|                      |                    |                   | 106+26T | 82          | 21.67                       | 21.53  | 18.124                    | 18.067  |
|                      |                    |                   |         | 89          | 21.60                       | 20.97  | 18.136                    | 18.111  |
|                      |                    |                   |         | S89         | 21.86                       | 20.88  | 18.162                    | 18.100  |
|                      |                    |                   |         | S89         | 21.86                       | 20.88  | 18.162                    | 18.100  |
|                      |                    |                   |         | S89         | 21.86                       | 20.88  | 18.162                    | 18.100  |
|                      | 6185               | 47                | SU      | --          | 163.50                      | 163.30 | 156.350                   | 156.310 |
|                      |                    |                   | 106+26T | 82          | 21.93                       | 21.42  | 18.167                    | 18.029  |
|                      |                    |                   |         | 89          | 21.62                       | 21.07  | 18.067                    | 18.100  |
|                      |                    |                   |         | S89         | 21.34                       | 20.64  | 18.047                    | 18.062  |
|                      |                    |                   |         | S89         | 21.34                       | 20.64  | 18.047                    | 18.062  |
|                      |                    |                   |         | S89         | 21.34                       | 20.64  | 18.047                    | 18.062  |
|                      | 6345               | 79                | SU      | --          | 163.50                      | 163.50 | 156.390                   | 156.400 |
|                      |                    |                   | 106+26T | 82          | 22.59                       | 21.10  | 18.338                    | 18.009  |
|                      |                    |                   |         | 89          | 21.17                       | 20.98  | 18.154                    | 18.023  |
|                      |                    |                   |         | S89         | 21.09                       | 20.97  | 18.055                    | 17.993  |



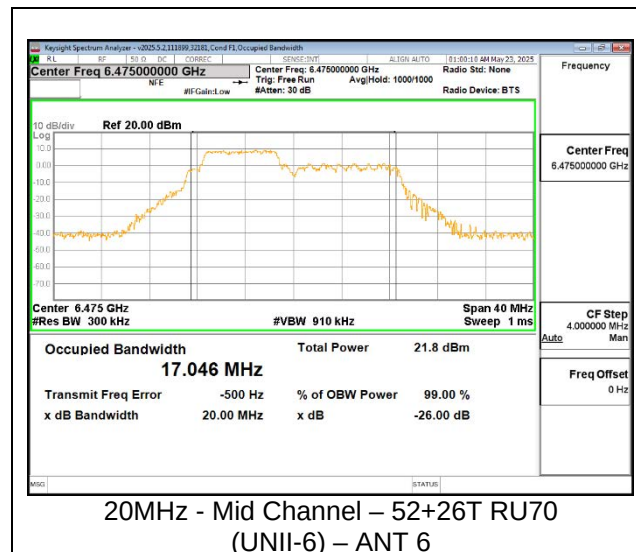


### 9.2.4. 802.11be MIMO SDM MODE IN THE UNII-5 BAND

| UNII-5<br>(MIMO CDD) | Frequency<br>(MHz) | Channel<br>Number | Tone    | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|----------------------|--------------------|-------------------|---------|-------------|-----------------------------|--------|---------------------------|---------|
|                      |                    |                   |         |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20 MHz               | 5955               | 1                 | SU      | --          | 22.50                       | 21.90  | 19.028                    | 19.010  |
|                      |                    |                   | 106+26T | 82          | 21.60                       | 20.66  | 18.201                    | 18.054  |
|                      |                    |                   |         | 83          | 21.06                       | 20.58  | 18.163                    | 18.086  |
|                      | 5975               | 5                 | SU      | --          | 22.53                       | 22.16  | 19.021                    | 19.013  |
|                      |                    |                   | 106+26T | 82          | 21.83                       | 20.58  | 18.203                    | 18.115  |
|                      |                    |                   |         | 83          | 21.25                       | 20.61  | 18.051                    | 18.089  |
|                      | 6175               | 45                | SU      | --          | 22.39                       | 22.02  | 18.985                    | 18.983  |
|                      |                    |                   | 106+26T | 82          | 22.65                       | 20.75  | 18.240                    | 18.103  |
|                      |                    |                   |         | 83          | 21.15                       | 20.44  | 18.156                    | 18.103  |
|                      | 6415               | 93                | SU      | --          | 22.18                       | 21.99  | 18.987                    | 19.052  |
|                      |                    |                   | 106+26T | 82          | 22.08                       | 20.80  | 18.240                    | 18.093  |
|                      |                    |                   |         | 83          | 20.80                       | 20.79  | 18.158                    | 18.152  |
| 40 MHz               | 5965               | 3                 | SU      | --          | 43.17                       | 43.18  | 37.920                    | 37.958  |
|                      |                    |                   | 52T     | 37          | 20.94                       | 21.08  | 18.281                    | 18.223  |
|                      |                    |                   |         | 41          | 21.84                       | 21.48  | 18.871                    | 18.768  |
|                      |                    |                   |         | 44          | 20.92                       | 20.67  | 18.343                    | 18.223  |
|                      | 6005               | 11                | SU      | --          | 43.00                       | 42.83  | 38.003                    | 37.961  |
|                      |                    |                   | 52T     | 37          | 21.66                       | 20.76  | 18.457                    | 18.279  |
|                      |                    |                   |         | 41          | 21.52                       | 21.26  | 18.865                    | 18.685  |
|                      |                    |                   |         | 44          | 21.12                       | 20.39  | 18.353                    | 18.118  |
|                      | 6165               | 43                | SU      | --          | 42.86                       | 43.02  | 37.984                    | 37.977  |
|                      |                    |                   | 52T     | 37          | 21.56                       | 21.04  | 18.333                    | 18.312  |
|                      |                    |                   |         | 41          | 21.48                       | 21.07  | 18.902                    | 18.573  |
|                      |                    |                   |         | 44          | 20.73                       | 20.45  | 18.379                    | 18.154  |
|                      | 6405               | 91                | SU      | --          | 42.89                       | 43.12  | 37.945                    | 37.953  |
|                      |                    |                   | 52T     | 37          | 21.11                       | 20.93  | 18.312                    | 18.189  |
|                      |                    |                   |         | 41          | 21.89                       | 21.01  | 18.826                    | 18.676  |
|                      |                    |                   |         | 44          | 20.69                       | 20.46  | 18.263                    | 18.249  |
| 80 MHz               | 5985               | 7                 | SU      | --          | 84.32                       | 83.64  | 77.412                    | 77.594  |
|                      |                    |                   | 484T    | 65          | 44.72                       | 43.97  | 37.157                    | 38.077  |
|                      |                    |                   |         | 66          | 44.03                       | 43.80  | 38.099                    | 38.210  |
|                      | 6145               | 39                | SU      | --          | 84.84                       | 84.11  | 77.560                    | 77.530  |
|                      |                    |                   | 484T    | 65          | 44.25                       | 43.96  | 38.155                    | 37.113  |
|                      |                    |                   |         | 66          | 43.65                       | 43.65  | 38.151                    | 38.218  |
|                      | 6385               | 87                | SU      | --          | 84.74                       | 83.20  | 77.501                    | 77.512  |
|                      |                    |                   | 484T    | 65          | 43.95                       | 43.56  | 38.115                    | 38.180  |
|                      |                    |                   |         | 66          | 44.68                       | 43.50  | 37.111                    | 38.091  |
| 160 MHz              | 6025               | 15                | SU      | --          | 163.50                      | 163.30 | 156.290                   | 156.440 |
|                      |                    |                   | 106+26T | 82          | 21.54                       | 21.17  | 18.234                    | 18.047  |
|                      |                    |                   |         | 89          | 20.83                       | 20.76  | 18.099                    | 18.081  |
|                      |                    |                   |         | S89         | 21.58                       | 20.74  | 18.048                    | 17.972  |
|                      | 6185               | 47                | SU      | --          | 163.80                      | 163.50 | 156.650                   | 156.620 |
|                      |                    |                   | 106+26T | 82          | 22.7                        | 21.3   | 18.294                    | 18.012  |
|                      |                    |                   |         | 89          | 21.3                        | 20.6   | 18.023                    | 18.101  |
|                      |                    |                   |         | S89         | 20.9                        | 20.9   | 18.192                    | 17.890  |
|                      | 6345               | 79                | SU      | --          | 163.8                       | 163.9  | 156.500                   | 156.480 |
|                      |                    |                   | 106+26T | 82          | 22.0                        | 20.8   | 18.239                    | 17.788  |
|                      |                    |                   |         | 89          | 21.4                        | 20.9   | 18.129                    | 18.050  |
|                      |                    |                   |         | S89         | 21.1                        | 21.2   | 18.077                    | 17.939  |

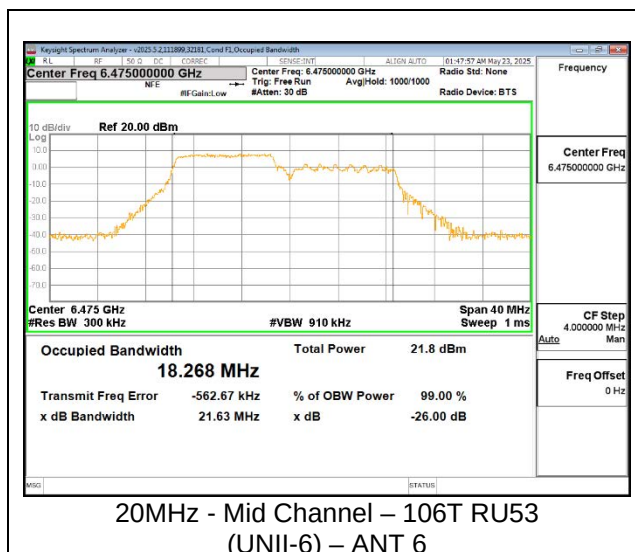
### 9.2.5. 802.11be SISO MODE IN THE UNII-6 BAND

| UNII-6 (SISO) | Frequency (MHz) | Channel Number | Tone    | RU Index | 26 dB Bandwidth (MHz) |        | 99% Bandwidth (MHz) |         |
|---------------|-----------------|----------------|---------|----------|-----------------------|--------|---------------------|---------|
|               |                 |                |         |          | ANT 6                 | ANT 5  | ANT 6               | ANT 5   |
| 20 MHz        | 6435            | 97             | SU      | --       | 22.27                 | 22.41  | 19.018              | 19.001  |
|               |                 |                | 56+26T  | 70       | 20.07                 | 20.28  | 17.087              | 17.061  |
|               |                 |                |         | 71       | 19.38                 | 19.26  | 16.886              | 17.000  |
|               |                 |                |         | 72       | 18.59                 | 20.05  | 17.053              | 17.000  |
|               | 6475            | 105            | SU      | --       | 22.93                 | 22.22  | 19.012              | 19.023  |
|               |                 |                | 56+26T  | 70       | 20.00                 | 20.30  | 17.046              | 17.137  |
|               |                 |                |         | 71       | 19.25                 | 19.36  | 17.000              | 16.962  |
|               |                 |                |         | 72       | 19.58                 | 19.52  | 17.054              | 17.088  |
|               | 6515            | 113            | SU      | --       | 22.56                 | 22.09  | 19.015              | 18.989  |
|               |                 |                | 56+26T  | 70       | 20.11                 | 20.20  | 17.103              | 17.095  |
|               |                 |                |         | 71       | 19.26                 | 19.07  | 17.038              | 17.019  |
|               |                 |                |         | 72       | 19.68                 | 19.52  | 17.090              | 17.111  |
| 40 MHz        | 6445            | 99             | SU      | --       | 42.90                 | 42.63  | 37.973              | 38.018  |
|               |                 |                | 106+26T | 82       | 22.16                 | 22.33  | 18.005              | 18.044  |
|               |                 |                |         | 84       | 22.66                 | 22.19  | 18.613              | 18.633  |
|               |                 |                |         | 85       | 21.37                 | 21.15  | 17.963              | 18.014  |
|               | 6485            | 107            | SU      | --       | 42.84                 | 42.70  | 37.884              | 37.938  |
|               |                 |                | 106+26T | 82       | 22.31                 | 22.25  | 18.051              | 17.975  |
|               |                 |                |         | 84       | 22.62                 | 22.54  | 18.683              | 18.751  |
|               |                 |                |         | 85       | 21.31                 | 21.20  | 17.923              | 17.834  |
|               | 6525 (Straddle) | 115            | SU      | --       | 44.06                 | 42.99  | 37.943              | 37.964  |
|               |                 |                | 106+26T | 82       | 21.78                 | 22.34  | 18.029              | 17.973  |
|               |                 |                |         | 84       | 21.73                 | 22.52  | 18.556              | 18.610  |
|               |                 |                |         | 85       | 21.71                 | 21.06  | 17.959              | 18.018  |
| 80 MHz        | 6465            | 103            | SU      | --       | 84.79                 | 84.98  | 77.639              | 77.505  |
|               |                 |                | 484T    | 65       | 44.53                 | 44.63  | 38.148              | 38.097  |
|               |                 |                |         | 66       | 43.88                 | 43.91  | 38.167              | 38.252  |
| 160 MHz       | 6505 (Straddle) | 111            | SU      | --       | 163.90                | 163.90 | 156.320             | 155.690 |
|               |                 |                | 106+26T | 82       | 22.31                 | 22.41  | 18.360              | 18.313  |
|               |                 |                |         | 89       | 21.97                 | 21.19  | 18.215              | 18.166  |
|               |                 |                |         | S89      | 21.16                 | 21.13  | 18.105              | 17.900  |
|               |                 |                |         |          |                       |        |                     |         |



### 9.2.6. 802.11be MIMO CDD MODE IN THE UNII-6 BAND

| UNII-6<br>(MIMO CDD) | Frequency<br>(MHz) | Channel<br>Number | Tone    | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|----------------------|--------------------|-------------------|---------|-------------|-----------------------------|--------|---------------------------|---------|
|                      |                    |                   |         |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20MHz                | 6435               | 97                | SU      | --          | 23.35                       | 21.63  | 18.979                    | 19.017  |
|                      |                    |                   | 106T    | 53          | 21.73                       | 20.84  | 18.312                    | 18.109  |
|                      |                    |                   |         | 54          | 20.68                       | 21.11  | 18.152                    | 18.160  |
|                      | 6475               | 105               | SU      | --          | 22.10                       | 22.06  | 18.996                    | 19.005  |
|                      |                    |                   | 106T    | 53          | 21.63                       | 20.74  | 18.268                    | 18.107  |
|                      |                    |                   |         | 54          | 20.86                       | 20.56  | 18.196                    | 18.172  |
|                      | 6515               | 113               | SU      | --          | 22.43                       | 22.23  | 19.035                    | 19.035  |
|                      |                    |                   | 106T    | 53          | 21.59                       | 20.72  | 18.276                    | 18.085  |
|                      |                    |                   |         | 54          | 21.14                       | 20.64  | 18.242                    | 18.148  |
| 40MHz                | 6445               | 99                | SU      | --          | 44.36                       | 41.86  | 37.977                    | 37.979  |
|                      |                    |                   | 52T     | 37          | 21.38                       | 20.68  | 18.364                    | 18.150  |
|                      |                    |                   |         | 41          | 21.92                       | 21.07  | 18.908                    | 18.760  |
|                      |                    |                   |         | 44          | 20.44                       | 20.39  | 18.340                    | 18.294  |
|                      | 6485               | 107               | SU      | --          | 43.51                       | 42.83  | 38.018                    | 37.955  |
|                      |                    |                   | 52T     | 37          | 21.61                       | 21.09  | 18.389                    | 18.173  |
|                      |                    |                   |         | 41          | 21.45                       | 21.20  | 18.909                    | 18.758  |
|                      |                    |                   |         | 44          | 20.96                       | 20.56  | 18.445                    | 18.244  |
|                      | 6525<br>(Straddle) | 115               | SU      | --          | 43.48                       | 42.73  | 37.988                    | 37.957  |
|                      |                    |                   | 52T     | 37          | 21.20                       | 21.08  | 18.406                    | 18.118  |
|                      |                    |                   |         | 41          | 21.50                       | 21.25  | 18.795                    | 18.737  |
|                      |                    |                   |         | 44          | 20.96                       | 20.60  | 18.456                    | 18.255  |
| 80MHz                | 6465               | 103               | SU      | --          | 84.17                       | 84.62  | 77.505                    | 77.530  |
|                      |                    |                   | 484T    | 65          | 44.65                       | 43.69  | 38.096                    | 38.162  |
|                      |                    |                   |         | 66          | 44.48                       | 43.78  | 38.235                    | 38.193  |
| 160MHz               | 6505<br>(Straddle) | 111               | SU      | --          | 164.40                      | 163.70 | 156.230                   | 156.130 |
|                      |                    |                   | 106+26T | 82          | 23.02                       | 21.38  | 18.376                    | 18.081  |
|                      |                    |                   |         | 89          | 22.20                       | 20.99  | 18.171                    | 18.041  |
|                      |                    |                   |         | S89         | 20.77                       | 21.01  | 18.202                    | 18.096  |

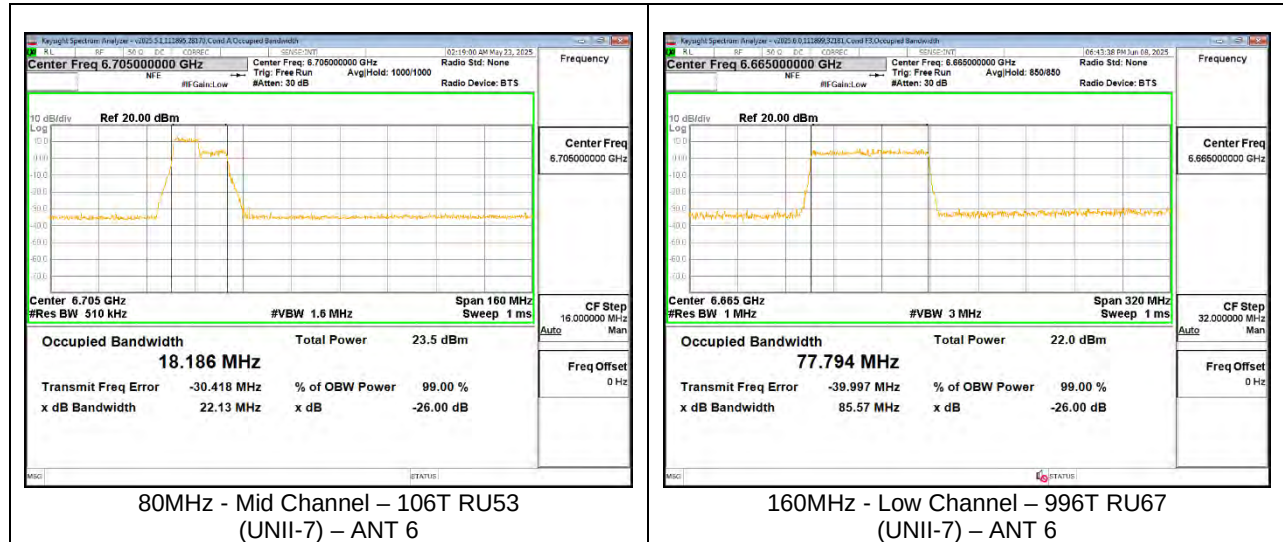


**9.2.7. 802.11be MIMO SDM MODE IN THE UNII-6 BAND**

| UNII-6<br>(MIMO CDD) | Frequency<br>(MHz) | Channel<br>Number | Tone    | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |        |
|----------------------|--------------------|-------------------|---------|-------------|-----------------------------|--------|---------------------------|--------|
|                      |                    |                   |         |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5  |
| 20MHz                | 6435               | 97                | SU      | --          | 22.91                       | 21.97  | 19.029                    | 19.001 |
|                      |                    |                   | 106T    | 53          | 21.59                       | 20.83  | 18.257                    | 18.118 |
|                      |                    |                   |         | 54          | 21.32                       | 20.72  | 18.206                    | 18.143 |
|                      | 6475               | 105               | SU      | --          | 22.52                       | 22.57  | 19.009                    | 19.024 |
|                      |                    |                   | 106T    | 53          | 21.49                       | 20.78  | 18.21                     | 18.172 |
|                      |                    |                   |         | 54          | 21.21                       | 20.53  | 18.186                    | 18.138 |
|                      | 6515               | 113               | SU      | --          | 22.90                       | 21.65  | 19.036                    | 18.999 |
|                      |                    |                   | 106T    | 53          | 21.82                       | 20.63  | 18.279                    | 18.112 |
|                      |                    |                   |         | 54          | 21.31                       | 20.34  | 18.138                    | 18.208 |
| 40MHz                | 6445               | 99                | SU      | --          | 43.38                       | 43.48  | 38.01                     | 38.008 |
|                      |                    |                   | 52T     | 37          | 21.04                       | 20.81  | 18.379                    | 18.151 |
|                      |                    |                   |         | 41          | 21.85                       | 21.70  | 18.882                    | 18.729 |
|                      |                    |                   |         | 44          | 20.90                       | 20.71  | 18.355                    | 18.197 |
|                      | 6485               | 107               | SU      | --          | 43.72                       | 42.96  | 37.981                    | 37.942 |
|                      |                    |                   | 52T     | 37          | 21.72                       | 20.85  | 18.392                    | 18.248 |
|                      |                    |                   |         | 41          | 22.17                       | 20.99  | 18.982                    | 18.634 |
|                      |                    |                   |         | 44          | 20.87                       | 20.63  | 18.46                     | 18.257 |
|                      | 6525<br>(Straddle) | 115               | SU      | --          | 43.20                       | 41.89  | 38.038                    | 37.945 |
|                      |                    |                   | 52T     | 37          | 21.35                       | 20.68  | 18.353                    | 18.125 |
|                      |                    |                   |         | 41          | 21.61                       | 21.17  | 18.845                    | 18.677 |
|                      |                    |                   |         | 44          | 20.95                       | 20.94  | 18.391                    | 18.27  |
| 80MHz                | 6465               | 103               | SU      | --          | 83.64                       | 83.73  | 77.433                    | 77.511 |
|                      |                    |                   | 484T    | 65          | 44.18                       | 44.29  | 38.198                    | 38.195 |
|                      |                    |                   |         | 66          | 44.67                       | 43.43  | 38.14                     | 38.19  |
| 160MHz               | 6505<br>(Straddle) | 111               | SU      | --          | 163.30                      | 163.00 | 156.27                    | 156.43 |
|                      |                    |                   | 106+26T | 82          | 22.09                       | 21.20  | 18.21                     | 18.058 |
|                      |                    |                   |         | 89          | 21.86                       | 20.78  | 18.143                    | 18.067 |
|                      |                    |                   |         | S89         | 21.41                       | 21.14  | 18.254                    | 18.121 |

**9.2.8. 802.11be SISO MODE IN THE UNII-7 BAND**

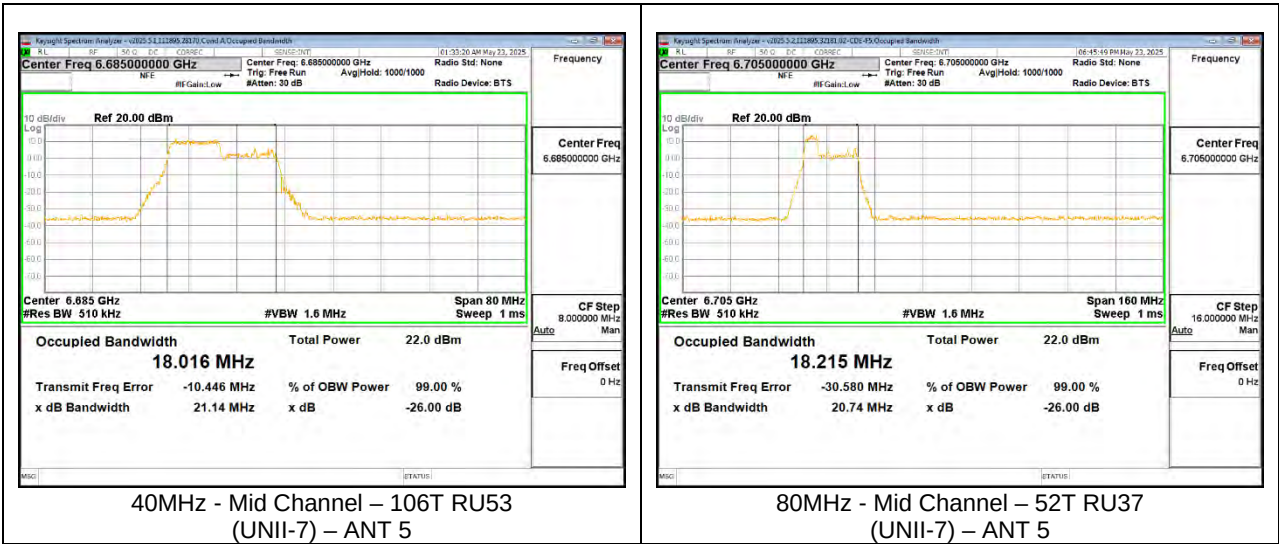
| UNII-7<br>(SISO) | Frequency<br>(MHz) | Channel<br>Number | Tone | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|------------------|--------------------|-------------------|------|-------------|-----------------------------|--------|---------------------------|---------|
|                  |                    |                   |      |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20 MHz           | 6535               | 117               | SU   | --          | 22.28                       | 22.67  | 19.040                    | 19.099  |
|                  |                    |                   | 106T | 53          | 21.77                       | 21.54  | 18.286                    | 18.266  |
|                  |                    |                   |      | 54          | 21.23                       | 21.46  | 18.239                    | 18.216  |
|                  | 6715               | 153               | SU   | --          | 22.85                       | 22.75  | 19.040                    | 19.034  |
|                  |                    |                   | 106T | 53          | 21.69                       | 21.58  | 18.314                    | 18.343  |
|                  |                    |                   |      | 54          | 21.03                       | 20.87  | 18.210                    | 18.129  |
|                  | 6875               | 185               | SU   | --          | 22.68                       | 22.56  | 18.996                    | 18.974  |
|                  |                    |                   | 106T | 53          | 21.95                       | 21.68  | 18.326                    | 18.293  |
|                  |                    |                   |      | 54          | 20.88                       | 20.98  | 18.193                    | 18.166  |
| 40 MHz           | 6565               | 123               | SU   | --          | 43.45                       | 43.02  | 37.997                    | 37.936  |
|                  |                    |                   | 52T  | 37          | 21.20                       | 21.37  | 18.338                    | 18.371  |
|                  |                    |                   |      | 41          | 21.66                       | 21.76  | 19.026                    | 18.787  |
|                  |                    |                   |      | 44          | 21.03                       | 21.32  | 18.402                    | 18.443  |
|                  | 6685               | 147               | SU   | --          | 43.25                       | 44.04  | 37.991                    | 38.032  |
|                  |                    |                   | 52T  | 37          | 21.74                       | 21.25  | 18.380                    | 18.276  |
|                  |                    |                   |      | 41          | 21.43                       | 21.56  | 18.784                    | 18.919  |
|                  |                    |                   |      | 44          | 21.15                       | 20.71  | 18.491                    | 18.308  |
|                  | 6845               | 179               | SU   | --          | 42.99                       | 43.12  | 37.893                    | 37.957  |
|                  |                    |                   | 52T  | 37          | 21.43                       | 21.42  | 18.423                    | 18.333  |
|                  |                    |                   |      | 41          | 21.64                       | 21.86  | 18.936                    | 19.044  |
|                  |                    |                   |      | 44          | 20.91                       | 21.02  | 18.420                    | 18.424  |
| 80 MHz           | 6545<br>(Straddle) | 119               | SU   | --          | 83.76                       | 84.29  | 77.612                    | 77.528  |
|                  |                    |                   | 106T | 53          | 21.58                       | 22.38  | 18.205                    | 18.309  |
|                  |                    |                   |      | 56          | 20.93                       | 21.47  | 18.167                    | 18.200  |
|                  |                    |                   |      | 60          | 20.92                       | 21.50  | 18.185                    | 18.125  |
|                  | 6705               | 151               | SU   | --          | 84.88                       | 83.78  | 77.556                    | 77.533  |
|                  |                    |                   | 106T | 53          | 22.13                       | 21.48  | 18.186                    | 18.109  |
|                  |                    |                   |      | 56          | 21.45                       | 20.88  | 18.069                    | 18.186  |
|                  |                    |                   |      | 60          | 21.24                       | 21.10  | 18.203                    | 18.009  |
|                  | 6865               | 183               | SU   | --          | 85.32                       | 84.19  | 77.619                    | 77.546  |
|                  |                    |                   | 106T | 53          | 22.09                       | 22.30  | 18.166                    | 18.279  |
|                  |                    |                   |      | 56          | 21.83                       | 20.95  | 18.129                    | 18.207  |
|                  |                    |                   |      | 60          | 21.34                       | 21.46  | 18.177                    | 18.137  |
| 160 MHz          | 6665               | 143               | SU   | --          | 163.00                      | 164.20 | 156.280                   | 156.160 |
|                  |                    |                   | 996T | 67          | 85.57                       | 84.85  | 77.794                    | 77.760  |
|                  |                    |                   |      | S67         | 84.29                       | 85.69  | 77.882                    | 77.697  |
|                  | 6825<br>(Straddle) | 175               | SU   | --          | 164.30                      | 163.80 | 156.390                   | 156.510 |
|                  |                    |                   | 996T | 67          | 85.43                       | 85.58  | 77.875                    | 78.040  |
|                  |                    |                   |      | S67         | 84.48                       | 84.60  | 77.818                    | 77.831  |



**9.2.9. 802.11be MIMO CDD MODE IN THE UNII-7 BAND**

| UNII-7<br>(MIMO CDD) | Frequency<br>(MHz) | Channel<br>Number | Tone    | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|----------------------|--------------------|-------------------|---------|-------------|-----------------------------|--------|---------------------------|---------|
|                      |                    |                   |         |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20 MHz               | 6535               | 117               | SU      | --          | 22.25                       | 22.15  | 18.996                    | 19.030  |
|                      |                    |                   | 106+26T | 82          | 21.90                       | 20.86  | 18.232                    | 18.066  |
|                      |                    |                   |         | 83          | 21.26                       | 20.49  | 18.177                    | 18.066  |
|                      | 6715               | 153               | SU      | --          | 22.62                       | 22.08  | 19.035                    | 19.018  |
|                      |                    |                   | 106+26T | 82          | 22.10                       | 20.80  | 18.215                    | 18.117  |
|                      |                    |                   |         | 83          | 21.28                       | 20.70  | 18.136                    | 18.140  |
|                      | 6875               | 185               | SU      | --          | 22.59                       | 21.94  | 19.011                    | 18.992  |
|                      |                    |                   | 106+26T | 82          | 21.74                       | 20.82  | 18.175                    | 18.154  |
|                      |                    |                   |         | 83          | 20.96                       | 20.60  | 18.058                    | 18.199  |
| 40 MHz               | 6565               | 123               | SU      | --          | 43.37                       | 42.71  | 37.992                    | 37.373  |
|                      |                    |                   | 106T    | 53          | 22.15                       | 21.46  | 18.039                    | 18.043  |
|                      |                    |                   |         | 54          | 21.65                       | 21.12  | 18.650                    | 18.580  |
|                      |                    |                   |         | 56          | 21.71                       | 21.00  | 18.068                    | 18.001  |
|                      | 6685               | 147               | SU      | --          | 43.38                       | 43.48  | 38.010                    | 37.943  |
|                      |                    |                   | 106T    | 53          | 21.86                       | 21.14  | 18.029                    | 18.016  |
|                      |                    |                   |         | 54          | 21.37                       | 21.22  | 18.724                    | 18.563  |
|                      |                    |                   |         | 56          | 21.27                       | 20.56  | 18.135                    | 17.992  |
|                      | 6845               | 179               | SU      | --          | 43.32                       | 42.00  | 37.962                    | 37.918  |
|                      |                    |                   | 106T    | 53          | 22.22                       | 21.31  | 18.175                    | 18.005  |
|                      |                    |                   |         | 54          | 21.41                       | 21.07  | 18.773                    | 18.494  |
|                      |                    |                   |         | 56          | 21.33                       | 20.69  | 18.137                    | 18.021  |
| 80 MHz               | 6545<br>(Straddle) | 119               | SU      | --          | 83.95                       | 83.94  | 77.626                    | 77.451  |
|                      |                    |                   | 52T     | 37          | 21.71                       | 21.06  | 18.463                    | 18.212  |
|                      |                    |                   |         | 45          | 21.55                       | 20.82  | 18.371                    | 18.145  |
|                      |                    |                   |         | 52          | 20.71                       | 20.55  | 18.331                    | 18.162  |
|                      | 6705               | 151               | SU      | --          | 83.49                       | 83.68  | 77.584                    | 77.495  |
|                      |                    |                   | 52T     | 37          | 21.38                       | 20.74  | 18.565                    | 18.215  |
|                      |                    |                   |         | 45          | 20.98                       | 20.66  | 18.484                    | 18.202  |
|                      |                    |                   |         | 52          | 21.28                       | 20.79  | 18.442                    | 18.425  |
|                      | 6865<br>(Straddle) | 183               | SU      | --          | 84.41                       | 83.57  | 77.443                    | 77.386  |
|                      |                    |                   | 52T     | 37          | 21.49                       | 20.98  | 18.321                    | 18.241  |
|                      |                    |                   |         | 45          | 20.60                       | 20.66  | 18.453                    | 18.186  |
|                      |                    |                   |         | 52          | 20.89                       | 20.67  | 18.489                    | 18.269  |
| 160 MHz              | 6665               | 143               | SU      | --          | 164.00                      | 164.90 | 156.420                   | 156.250 |
|                      |                    |                   | 106+26T | 82          | 22.34                       | 21.12  | 18.249                    | 18.155  |
|                      |                    |                   |         | 89          | 21.73                       | 20.92  | 18.171                    | 18.115  |
|                      |                    |                   |         | S89         | 21.51                       | 20.94  | 18.201                    | 18.108  |
|                      | 6825<br>(Straddle) | 175               | SU      | --          | 164.20                      | 164.30 | 156.090                   | 156.310 |
|                      |                    |                   | 106+26T | 82          | 21.86                       | 20.95  | 18.298                    | 18.196  |
|                      |                    |                   |         | 89          | 21.46                       | 21.03  | 18.193                    | 18.110  |
|                      |                    |                   |         | S89         | 22.08                       | 20.95  | 18.330                    | 17.950  |



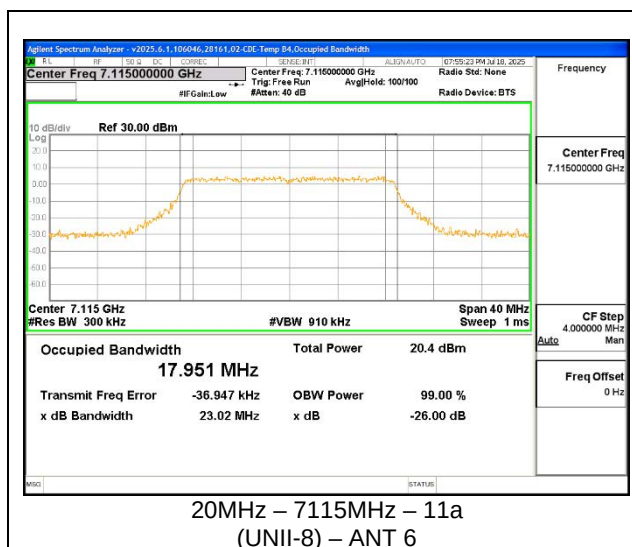


**9.2.10. 802.11be MIMO SDM MODE IN THE UNII-7 BAND**

| UNII-7<br>(MIMO CDD) | Frequency<br>(MHz) | Channel<br>Number | Tone    | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|----------------------|--------------------|-------------------|---------|-------------|-----------------------------|--------|---------------------------|---------|
|                      |                    |                   |         |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20 MHz               | 6535               | 117               | SU      | --          | 22.59                       | 22.34  | 18.995                    | 19.014  |
|                      |                    |                   | 106+26T | 82          | 21.93                       | 20.78  | 18.204                    | 18.085  |
|                      |                    |                   |         | 83          | 21.52                       | 20.64  | 18.123                    | 18.114  |
|                      | 6715               | 153               | SU      | --          | 22.43                       | 22.08  | 19.022                    | 18.993  |
|                      |                    |                   | 106+26T | 82          | 22.12                       | 20.90  | 18.233                    | 18.090  |
|                      |                    |                   |         | 83          | 21.07                       | 20.55  | 17.971                    | 18.102  |
|                      | 6875               | 185               | SU      | --          | 22.54                       | 21.94  | 19.060                    | 18.963  |
|                      |                    |                   | 106+26T | 82          | 22.15                       | 20.72  | 18.217                    | 18.097  |
|                      |                    |                   |         | 83          | 21.23                       | 20.42  | 18.148                    | 18.140  |
| 40 MHz               | 6565               | 123               | SU      | --          | 43.35                       | 42.77  | 37.931                    | 37.906  |
|                      |                    |                   | 106T    | 53          | 22.14                       | 20.86  | 18.088                    | 17.984  |
|                      |                    |                   |         | 54          | 21.74                       | 21.37  | 18.797                    | 18.575  |
|                      |                    |                   |         | 56          | 21.21                       | 20.94  | 18.164                    | 18.047  |
|                      | 6685               | 147               | SU      | --          | 43.97                       | 42.63  | 37.885                    | 37.984  |
|                      |                    |                   | 106T    | 53          | 21.66                       | 21.68  | 18.097                    | 17.983  |
|                      |                    |                   |         | 54          | 21.66                       | 21.18  | 18.642                    | 18.580  |
|                      |                    |                   |         | 56          | 21.56                       | 20.52  | 18.170                    | 18.028  |
|                      | 6845               | 179               | SU      | --          | 43.68                       | 41.99  | 38.024                    | 37.924  |
|                      |                    |                   | 106T    | 53          | 21.80                       | 21.20  | 18.064                    | 17.963  |
|                      |                    |                   |         | 54          | 21.66                       | 21.24  | 18.713                    | 18.593  |
|                      |                    |                   |         | 56          | 21.05                       | 20.96  | 18.026                    | 18.009  |
| 80 MHz               | 6545<br>(Straddle) | 119               | SU      | --          | 85.26                       | 83.07  | 77.539                    | 77.291  |
|                      |                    |                   | 52T     | 37          | 21.75                       | 20.69  | 18.439                    | 18.231  |
|                      |                    |                   |         | 45          | 21.45                       | 20.93  | 18.513                    | 18.222  |
|                      |                    |                   |         | 52          | 20.85                       | 20.92  | 18.373                    | 18.328  |
|                      | 6705               | 151               | SU      | --          | 84.32                       | 82.95  | 77.498                    | 77.447  |
|                      |                    |                   | 52T     | 37          | 21.64                       | 20.91  | 18.442                    | 18.302  |
|                      |                    |                   |         | 45          | 20.79                       | 20.88  | 18.410                    | 18.285  |
|                      |                    |                   |         | 52          | 21.05                       | 20.93  | 18.386                    | 18.240  |
|                      | 6865<br>(Straddle) | 183               | SU      | --          | 84.91                       | 85.19  | 77.571                    | 77.603  |
|                      |                    |                   | 52T     | 37          | 21.50                       | 20.92  | 18.440                    | 18.255  |
|                      |                    |                   |         | 45          | 21.22                       | 20.89  | 18.407                    | 18.204  |
|                      |                    |                   |         | 52          | 20.86                       | 20.42  | 18.267                    | 18.345  |
| 160 MHz              | 6665               | 143               | SU      | --          | 163.10                      | 163.60 | 156.390                   | 156.360 |
|                      |                    |                   | 106+26T | 82          | 22.47                       | 21.93  | 18.294                    | 18.194  |
|                      |                    |                   |         | 89          | 21.08                       | 21.17  | 18.109                    | 18.217  |
|                      |                    |                   |         | S89         | 22.35                       | 20.80  | 18.305                    | 18.163  |
|                      | 6825<br>(Straddle) | 175               | SU      | --          | 164.10                      | 163.80 | 156.190                   | 156.550 |
|                      |                    |                   | 106+26T | 82          | 22.62                       | 21.30  | 18.341                    | 18.196  |
|                      |                    |                   |         | 89          | 21.69                       | 21.30  | 18.315                    | 18.200  |
|                      |                    |                   |         | S89         | 21.38                       | 21.13  | 18.127                    | 18.165  |
|                      |                    |                   |         |             |                             |        |                           |         |

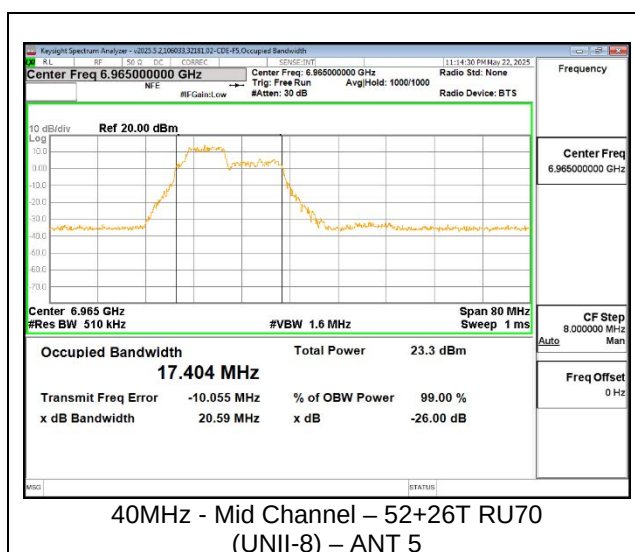
**9.2.11. 802.11a SISO MODE IN THE UNII-8 BAND**

| UNII-8 (SISO) | Frequency (MHz) | Channel Number | Mode | 26 dB Bandwidth (MHz) |       | 99% Bandwidth (MHz) |        |
|---------------|-----------------|----------------|------|-----------------------|-------|---------------------|--------|
|               |                 |                |      | ANT 6                 | ANT 5 | ANT 6               | ANT 5  |
| 20 MHz        | 6895            | 189            | 11a  | 22.40                 | 23.10 | 17.889              | 17.944 |
|               | 6995            | 209            |      | 22.44                 | 22.81 | 17.978              | 17.984 |
|               | 7115            | 233            |      | 23.02                 | 22.95 | 17.951              | 17.906 |



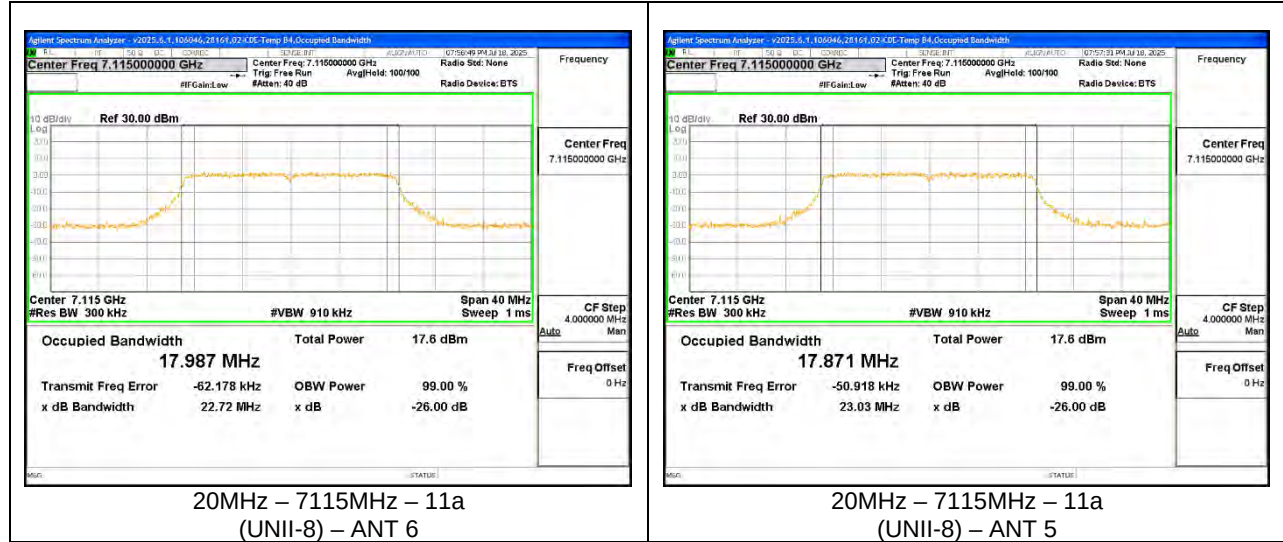
### 9.2.12. 802.11be SISO MODE IN THE UNII-8 BAND

| UNII-8 (SISO) | Frequency (MHz) | Channel Number | Tone    | RU Index | 26 dB Bandwidth (MHz) |        | 99% Bandwidth (MHz) |         |
|---------------|-----------------|----------------|---------|----------|-----------------------|--------|---------------------|---------|
|               |                 |                |         |          | ANT 6                 | ANT 5  | ANT 6               | ANT 5   |
| 20 MHz        | 6895            | 189            | SU      | --       | 22.57                 | 20.60  | 19.006              | 19.047  |
|               |                 |                | 106+26T | 82       | 21.89                 | 21.75  | 18.246              | 18.205  |
|               |                 |                |         | 83       | 21.19                 | 20.60  | 18.101              | 18.146  |
|               | 6995            | 209            | SU      | --       | 22.23                 | 21.34  | 18.973              | 19.035  |
|               |                 |                | 106+26T | 82       | 22.10                 | 21.81  | 18.243              | 18.241  |
|               |                 |                |         | 83       | 21.45                 | 21.34  | 18.093              | 18.132  |
|               | 7095            | 229            | SU      | --       | 22.63                 | 21.08  | 18.982              | 18.965  |
|               |                 |                | 106+26T | 82       | 21.69                 | 22.02  | 18.151              | 18.195  |
|               |                 |                |         | 83       | 21.37                 | 21.08  | 18.152              | 18.178  |
| 40 MHz        | 6885 (Straddle) | 187            | SU      | --       | 44.09                 | 43.35  | 37.955              | 37.996  |
|               |                 |                | 56+26T  | 70       | 20.85                 | 20.10  | 17.268              | 17.361  |
|               |                 |                |         | 72       | 20.02                 | 21.20  | 17.291              | 17.259  |
|               |                 |                |         | 75       | 19.98                 | 20.04  | 17.267              | 17.369  |
|               | 6965            | 203            | SU      | --       | 42.95                 | 44.98  | 38.018              | 37.985  |
|               |                 |                | 56+26T  | 70       | 20.59                 | 20.96  | 17.404              | 17.374  |
|               |                 |                |         | 72       | 20.01                 | 20.42  | 17.251              | 17.298  |
|               |                 |                |         | 75       | 20.28                 | 20.16  | 17.316              | 17.361  |
|               | 7085            | 227            | SU      | --       | 42.82                 | 43.80  | 37.938              | 37.990  |
|               |                 |                | 56+26T  | 70       | 20.66                 | 20.37  | 17.376              | 17.415  |
|               |                 |                |         | 72       | 20.06                 | 20.55  | 17.333              | 17.229  |
|               |                 |                |         | 75       | 20.11                 | 19.69  | 17.252              | 17.259  |
| 80 MHz        | 6945            | 199            | SU      | --       | 83.77                 | 86.01  | 77.420              | 77.609  |
|               |                 |                | 484T    | 65       | 44.12                 | 44.63  | 38.102              | 38.217  |
|               |                 |                |         | 66       | 44.16                 | 45.00  | 38.188              | 38.185  |
|               | 7025            | 215            | SU      | --       | 85.15                 | 84.39  | 77.673              | 77.400  |
|               |                 |                | 484T    | 65       | 44.82                 | 44.06  | 38.166              | 38.162  |
|               |                 |                |         | 66       | 44.47                 | 44.12  | 38.164              | 38.194  |
| 160 MHz       | 6985            | 207            | SU      | --       | 164.10                | 163.20 | 156.640             | 155.970 |
|               |                 |                | 484T    | 65       | 44.30                 | 44.29  | 38.422              | 38.270  |
|               |                 |                |         | 66       | 43.89                 | 44.45  | 38.312              | 38.291  |
|               |                 |                |         | S66      | 44.17                 | 44.48  | 38.380              | 38.402  |



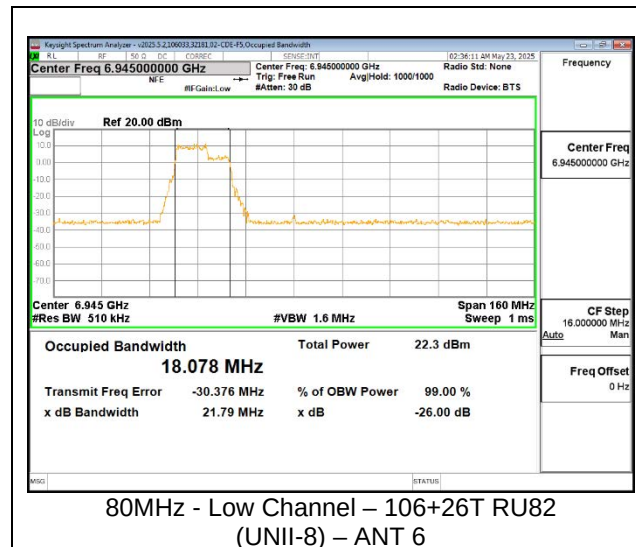
**9.2.13. 802.11a MIMO MODE IN THE UNII-8 BAND**

| UNII-8 (MIMO) | Frequency (MHz) | Channel Number | Mode | 26 dB Bandwidth (MHz) |       | 99% Bandwidth (MHz) |        |
|---------------|-----------------|----------------|------|-----------------------|-------|---------------------|--------|
|               |                 |                |      | ANT 6                 | ANT 5 | ANT 6               | ANT 5  |
| 20 MHz        | 7115            | 233            | 11a  | 22.72                 | 23.03 | 17.987              | 17.871 |



**9.2.14. 802.11be MIMO CDD MODE IN THE UNII-8 BAND**

| UNII-8<br>(MIMO CDD) | Frequency<br>(MHz) | Channel<br>Number | Tone    | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|----------------------|--------------------|-------------------|---------|-------------|-----------------------------|--------|---------------------------|---------|
|                      |                    |                   |         |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20 MHz               | 6895               | 189               | SU      | --          | 22.25                       | 21.94  | 19.061                    | 19.035  |
|                      |                    |                   | 106+26T | 82          | 21.84                       | 20.86  | 18.208                    | 18.088  |
|                      |                    |                   |         | 83          | 21.02                       | 20.48  | 18.126                    | 18.052  |
|                      | 6995               | 209               | SU      | --          | 22.79                       | 21.73  | 19.001                    | 19.040  |
|                      |                    |                   | 106+26T | 82          | 21.17                       | 22.02  | 18.094                    | 18.190  |
|                      |                    |                   |         | 83          | 21.03                       | 20.69  | 18.042                    | 18.019  |
|                      | 7095               | 229               | SU      | --          | 21.91                       | 22.35  | 18.963                    | 18.993  |
|                      |                    |                   | 106+26T | 82          | 21.78                       | 20.69  | 18.193                    | 18.082  |
|                      |                    |                   |         | 83          | 21.40                       | 20.54  | 18.126                    | 18.095  |
| 40 MHz               | 6885<br>(Straddle) | 187               | SU      | --          | 43.42                       | 43.33  | 37.866                    | 37.988  |
|                      |                    |                   | 106T    | 53          | 21.81                       | 21.49  | 18.010                    | 18.010  |
|                      |                    |                   |         | 54          | 21.67                       | 21.18  | 18.639                    | 18.574  |
|                      |                    |                   |         | 56          | 21.08                       | 20.55  | 18.164                    | 17.965  |
|                      | 6965               | 203               | SU      | --          | 43.84                       | 42.98  | 37.990                    | 37.890  |
|                      |                    |                   | 106T    | 53          | 22.17                       | 20.88  | 18.142                    | 17.845  |
|                      |                    |                   |         | 54          | 21.83                       | 21.06  | 18.600                    | 18.594  |
|                      |                    |                   |         | 56          | 20.84                       | 20.78  | 18.106                    | 18.002  |
|                      | 7085               | 227               | SU      | --          | 43.35                       | 43.94  | 37.979                    | 37.967  |
|                      |                    |                   | 106T    | 53          | 22.23                       | 21.27  | 18.032                    | 17.929  |
|                      |                    |                   |         | 54          | 21.49                       | 21.27  | 18.618                    | 18.608  |
|                      |                    |                   |         | 56          | 21.33                       | 20.84  | 18.119                    | 18.106  |
| 80 MHz               | 6945               | 199               | SU      | --          | 85.10                       | 83.79  | 77.445                    | 77.538  |
|                      |                    |                   | 106+26T | 82          | 21.79                       | 21.13  | 18.078                    | 17.941  |
|                      |                    |                   |         | 85          | 20.60                       | 20.83  | 18.009                    | 17.920  |
|                      |                    |                   |         | 89          | 21.60                       | 20.92  | 18.191                    | 17.968  |
|                      | 7025               | 215               | SU      | --          | 84.03                       | 83.78  | 77.618                    | 77.567  |
|                      |                    |                   | 106+26T | 82          | 22.07                       | 21.11  | 17.923                    | 17.976  |
|                      |                    |                   |         | 85          | 21.41                       | 21.10  | 17.912                    | 17.956  |
|                      |                    |                   |         | 89          | 20.89                       | 20.69  | 18.050                    | 17.981  |
| 160 MHz              | 6985               | 207               | SU      | --          | 164.20                      | 163.60 | 156.480                   | 156.440 |
|                      |                    |                   | 106+26T | 82          | 21.79                       | 21.43  | 18.188                    | 18.098  |
|                      |                    |                   |         | 89          | 21.77                       | 21.24  | 18.284                    | 18.083  |
|                      |                    |                   |         | S89         | 21.49                       | 20.73  | 18.239                    | 18.01   |



**9.2.15. 802.11be MIMO SDM MODE IN THE UNII-8 BAND**

| UNII-8<br>(MIMO CDD) | Frequency<br>(MHz) | Channel<br>Number | Tone    | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|----------------------|--------------------|-------------------|---------|-------------|-----------------------------|--------|---------------------------|---------|
|                      |                    |                   |         |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20 MHz               | 6895               | 189               | SU      | --          | 21.95                       | 21.93  | 19.102                    | 18.988  |
|                      |                    |                   | 106+26T | 82          | 21.86                       | 20.86  | 18.227                    | 18.123  |
|                      |                    |                   |         | 83          | 21.18                       | 20.41  | 18.191                    | 18.031  |
|                      | 6995               | 209               | SU      | --          | 22.24                       | 22.31  | 19.030                    | 19.027  |
|                      |                    |                   | 106+26T | 82          | 21.89                       | 20.82  | 18.270                    | 18.119  |
|                      |                    |                   |         | 83          | 21.07                       | 20.82  | 18.114                    | 18.119  |
|                      | 7095               | 229               | SU      | --          | 21.96                       | 21.68  | 18.946                    | 18.986  |
|                      |                    |                   | 106+26T | 82          | 21.80                       | 20.76  | 18.243                    | 18.090  |
|                      |                    |                   |         | 83          | 21.20                       | 20.55  | 18.170                    | 18.117  |
| 40 MHz               | 6885<br>(Straddle) | 187               | SU      | --          | 43.20                       | 42.90  | 37.964                    | 38.022  |
|                      |                    |                   | 106T    | 53          | 22.12                       | 21.26  | 18.100                    | 17.955  |
|                      |                    |                   |         | 54          | 21.61                       | 21.38  | 18.631                    | 18.502  |
|                      |                    |                   |         | 56          | 21.05                       | 20.71  | 18.140                    | 17.872  |
|                      | 6965               | 203               | SU      | --          | 43.09                       | 42.60  | 38.066                    | 37.940  |
|                      |                    |                   | 106T    | 53          | 21.81                       | 21.30  | 18.144                    | 17.966  |
|                      |                    |                   |         | 54          | 21.50                       | 21.22  | 18.737                    | 18.613  |
|                      |                    |                   |         | 56          | 21.45                       | 20.82  | 18.079                    | 17.988  |
|                      | 7085               | 227               | SU      | --          | 44.03                       | 42.82  | 37.954                    | 37.942  |
|                      |                    |                   | 106T    | 53          | 21.99                       | 21.24  | 18.096                    | 17.942  |
|                      |                    |                   |         | 54          | 21.63                       | 21.14  | 18.734                    | 18.563  |
|                      |                    |                   |         | 56          | 21.06                       | 20.97  | 18.027                    | 18.009  |
| 80 MHz               | 6945               | 199               | SU      | --          | 84.04                       | 83.09  | 77.711                    | 77.427  |
|                      |                    |                   | 106+26T | 82          | 22.30                       | 21.44  | 18.129                    | 18.042  |
|                      |                    |                   |         | 85          | 21.01                       | 21.01  | 18.117                    | 17.952  |
|                      |                    |                   |         | 89          | 21.54                       | 20.99  | 18.111                    | 18.098  |
|                      | 7025               | 215               | SU      | --          | 83.54                       | 84.78  | 77.486                    | 77.653  |
|                      |                    |                   | 106+26T | 82          | 22.28                       | 20.72  | 18.153                    | 17.964  |
|                      |                    |                   |         | 85          | 21.64                       | 20.89  | 18.083                    | 17.949  |
|                      |                    |                   |         | 89          | 21.43                       | 20.90  | 17.915                    | 17.866  |
| 160 MHz              | 6985               | 207               | SU      | --          | 163.30                      | 163.20 | 156.850                   | 156.330 |
|                      |                    |                   | 106+26T | 82          | 22.43                       | 21.39  | 18.184                    | 18.147  |
|                      |                    |                   |         | 89          | 20.81                       | 20.79  | 18.290                    | 17.819  |
|                      |                    |                   |         | S89         | 21.67                       | 21.43  | 18.254                    | 18.134  |

### 9.3. SP 26 dB AND 99% BANDWIDTH

#### LIMITS

None; for reporting purposes only.

#### PROCEDURE

ANSI C63.10

| Band     | Tones      | 20MHz<br>(RBW/VBW)                                                | 40MHz<br>(RBW/VBW) | 80MHz<br>(RBW/VBW)                       | 160MHz<br>(RBW/VBW)                                             |
|----------|------------|-------------------------------------------------------------------|--------------------|------------------------------------------|-----------------------------------------------------------------|
| UNII-5/7 | Partial RU | 26T: 300kHz/910kHz<br>52T: 300kHz/910kHz<br>52+26T: 300kHz/910kHz | 26T: 510kHz/1.6MHz | 26T: 510kHz/1.6MHz<br>52T: 510kHz/1.6MHz | 26T: 510kHz/1.6MHz<br>52T: 510kHz/1.6MHz<br>106T: 510kHz/1.6MHz |
|          | SU         | 300kHz/910kHz                                                     | 510kHz/1.6MHz      | 1MHz/3MHz                                | 2MHz/6MHz                                                       |

#### RESULTS

|              |              |
|--------------|--------------|
| <b>ID:</b>   | 106033/32181 |
| <b>Date:</b> | 2025-06-09   |

For mask and bandwidth measurements partial RU allocations are tested with the RUs allocated at the lower and upper positions within the channel for the low mid and high channels in each band. Additionally, the center channel is also tested with the RU allocated in the center of the channel to verify that the low / high RU allocations are the worst case.

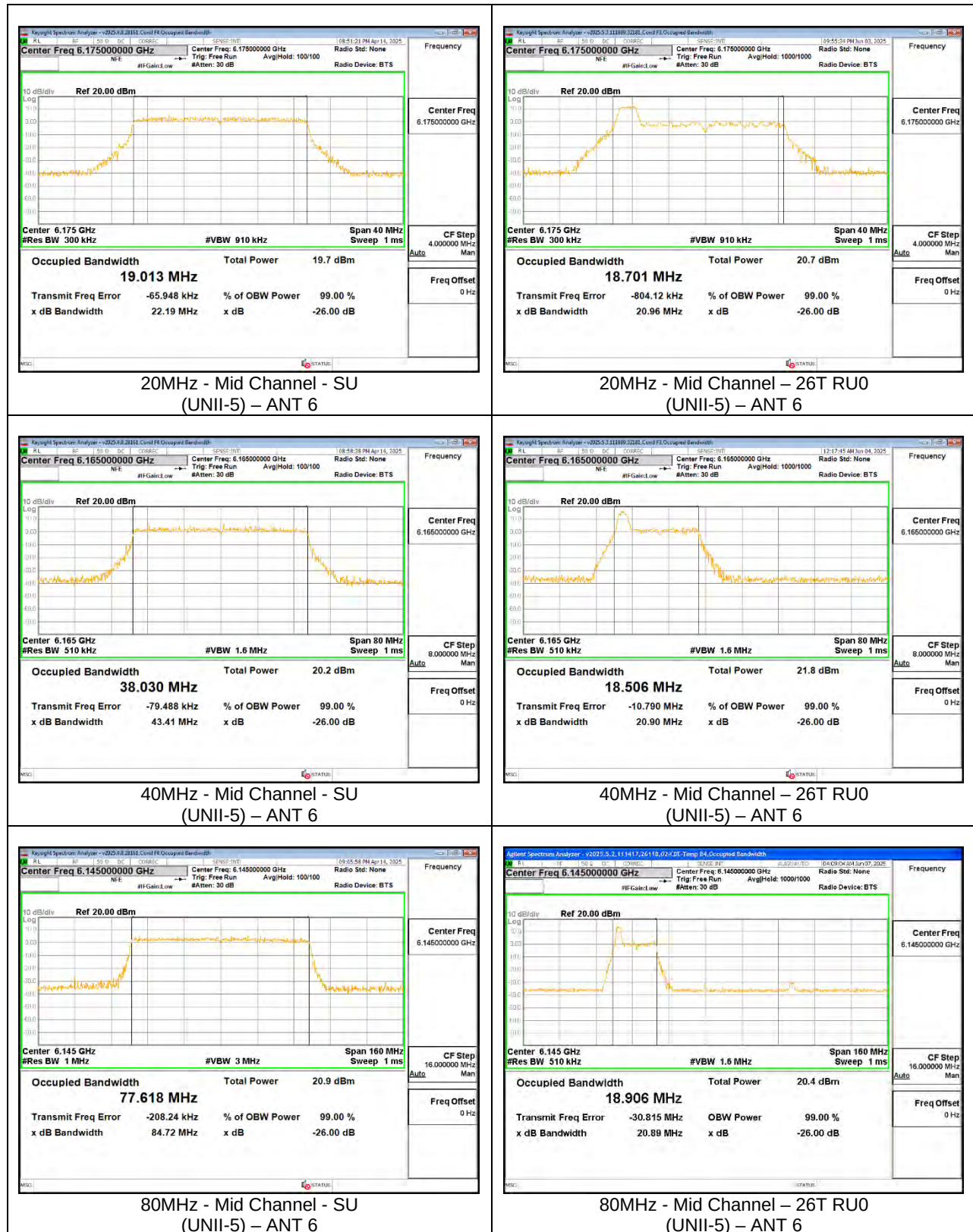
Plots included in the report are representative of the method and settings parameters used for the test.

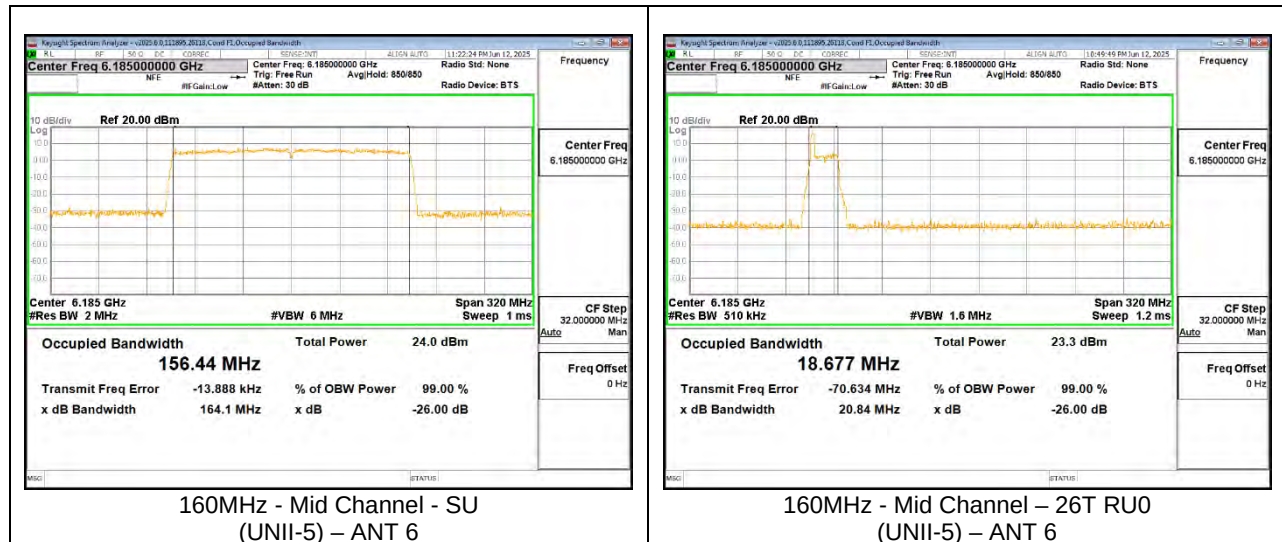
The tests performed on this device show that both 99% and 26dB bandwidths are less than 320 MHz for all supported channel bandwidths.



**9.3.1. 802.11be SISO MODE IN THE UNII-5 BAND**

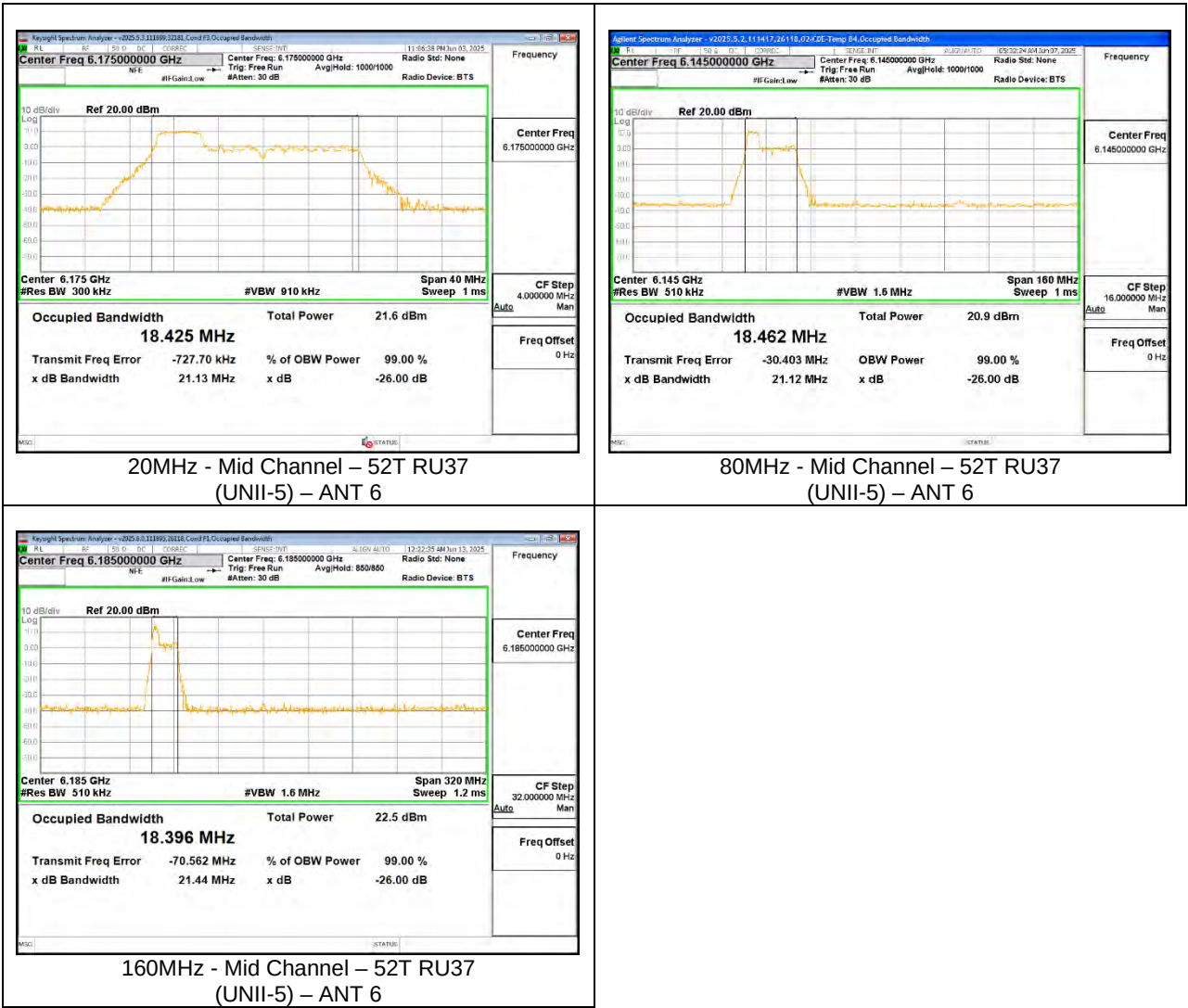
| UNII-5 (SISO) | Frequency (MHz) | Channel Number | Tone | RU Index | 26 dB Bandwidth (MHz) |        | 99% Bandwidth (MHz) |         |
|---------------|-----------------|----------------|------|----------|-----------------------|--------|---------------------|---------|
|               |                 |                |      |          | ANT 6                 | ANT 5  | ANT 6               | ANT 5   |
| 20 MHz        | 5955            | 1              | SU   | --       | 22.53                 | 22.56  | 19.073              | 19.059  |
|               |                 |                | 26T  | 0        | 20.49                 | 20.59  | 18.656              | 18.652  |
|               |                 |                |      | 4        | 18.30                 | 18.34  | 16.989              | 16.891  |
|               |                 |                |      | 8        | 20.65                 | 20.76  | 18.559              | 18.487  |
|               | 6175            | 45             | SU   | --       | 22.19                 | 22.09  | 19.013              | 19.007  |
|               |                 |                | 26T  | 0        | 20.96                 | 20.44  | 18.701              | 18.566  |
|               |                 |                |      | 4        | 18.23                 | 18.25  | 16.953              | 16.619  |
|               |                 |                |      | 8        | 20.75                 | 20.74  | 18.443              | 18.590  |
|               | 6415            | 93             | SU   | --       | 22.62                 | 22.51  | 19.056              | 19.014  |
|               |                 |                | 26T  | 0        | 20.83                 | 20.87  | 18.692              | 18.638  |
|               |                 |                |      | 4        | 18.32                 | 18.33  | 16.956              | 16.965  |
|               |                 |                |      | 8        | 20.39                 | 20.68  | 18.449              | 18.476  |
| 40 MHz        | 5965            | 3              | SU   | --       | 43.41                 | 43.09  | 37.954              | 38.039  |
|               |                 |                | 26T  | 0        | 21.21                 | 21.11  | 18.651              | 18.640  |
|               |                 |                |      | 9        | 20.89                 | 21.21  | 19.034              | 18.998  |
|               |                 |                |      | 17       | 20.85                 | 20.54  | 18.752              | 18.619  |
|               | 6165            | 43             | SU   | --       | 43.41                 | 42.75  | 38.030              | 37.868  |
|               |                 |                | 26T  | 0        | 20.90                 | 20.84  | 18.506              | 18.540  |
|               |                 |                |      | 9        | 21.56                 | 21.15  | 19.225              | 19.125  |
|               |                 |                |      | 17       | 20.54                 | 20.32  | 18.667              | 18.607  |
|               | 6405            | 91             | SU   | --       | 42.41                 | 43.55  | 38.007              | 38.030  |
|               |                 |                | 26T  | 0        | 21.10                 | 20.71  | 18.572              | 18.638  |
|               |                 |                |      | 9        | 20.95                 | 21.34  | 19.006              | 19.009  |
|               |                 |                |      | 17       | 20.57                 | 20.21  | 18.723              | 18.568  |
| 80 MHz        | 5985            | 7              | SU   | --       | 84.02                 | 84.13  | 77.526              | 77.503  |
|               |                 |                | 26T  | 0        | 20.59                 | 20.43  | 18.582              | 18.807  |
|               |                 |                |      | 17       | 20.46                 | 20.96  | 18.587              | 18.745  |
|               |                 |                |      | 36       | 21.04                 | 20.75  | 18.659              | 18.681  |
|               | 6145            | 39             | SU   | --       | 84.72                 | 85.41  | 77.618              | 77.587  |
|               |                 |                | 26T  | 0        | 20.89                 | 20.30  | 18.906              | 18.726  |
|               |                 |                |      | 17       | 20.66                 | 20.69  | 18.758              | 18.740  |
|               |                 |                |      | 36       | 20.27                 | 20.63  | 18.549              | 18.583  |
|               | 6385            | 87             | SU   | --       | 83.29                 | 85.00  | 77.553              | 77.448  |
|               |                 |                | 26T  | 0        | 21.12                 | 21.00  | 18.657              | 18.649  |
|               |                 |                |      | 17       | 21.01                 | 20.83  | 18.872              | 18.538  |
|               |                 |                |      | 36       | 20.45                 | 20.67  | 18.594              | 18.741  |
| 160 MHz       | 6025            | 15             | SU   | --       | 164.50                | 163.50 | 156.420             | 156.210 |
|               |                 |                | 26T  | 0        | 20.84                 | 20.74  | 18.589              | 18.616  |
|               |                 |                |      | 36       | 20.99                 | 21.17  | 18.710              | 18.542  |
|               |                 |                |      | S36      | 20.99                 | 21.04  | 18.748              | 18.756  |
|               | 6185            | 47             | SU   | --       | 164.10                | 163.80 | 156.440             | 156.040 |
|               |                 |                | 26T  | 0        | 20.84                 | 20.78  | 18.677              | 18.746  |
|               |                 |                |      | 36       | 20.92                 | 20.89  | 18.476              | 18.477  |
|               |                 |                |      | S36      | 21.32                 | 20.58  | 18.718              | 18.258  |
|               | 6345            | 79             | SU   | --       | 164.10                | 163.60 | 156.440             | 156.110 |
|               |                 |                | 26T  | 0        | 21.07                 | 21.08  | 18.757              | 18.694  |
|               |                 |                |      | 36       | 20.92                 | 20.80  | 18.764              | 18.641  |
|               |                 |                |      | S36      | 20.71                 | 20.40  | 18.610              | 18.898  |





### 9.3.2. 802.11be MIMO CDD MODE IN THE UNII-5 BAND

| UNII-5<br>(MIMO CDD) | Frequency<br>(MHz) | Channel<br>Number | Tone | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|----------------------|--------------------|-------------------|------|-------------|-----------------------------|--------|---------------------------|---------|
|                      |                    |                   |      |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20 MHz               | 5955               | 1                 | SU   | --          | 22.33                       | 22.27  | 19.033                    | 18.958  |
|                      |                    |                   | 52T  | 37          | 21.50                       | 20.85  | 18.356                    | 18.185  |
|                      |                    |                   |      | 38          | 18.84                       | 18.46  | 17.021                    | 16.844  |
|                      |                    |                   |      | 40          | 21.15                       | 20.58  | 18.312                    | 18.229  |
|                      | 6175               | 45                | SU   | --          | 22.23                       | 22.31  | 19.046                    | 19.010  |
|                      |                    |                   | 52T  | 37          | 21.13                       | 20.31  | 18.425                    | 18.223  |
|                      |                    |                   |      | 38          | 18.82                       | 18.36  | 17.026                    | 16.869  |
|                      |                    |                   |      | 40          | 20.63                       | 20.41  | 18.302                    | 18.244  |
|                      | 6415               | 93                | SU   | --          | 22.67                       | 22.49  | 18.970                    | 19.030  |
|                      |                    |                   | 52T  | 37          | 21.09                       | 20.37  | 18.405                    | 18.255  |
|                      |                    |                   |      | 38          | 18.87                       | 18.40  | 17.020                    | 16.869  |
|                      |                    |                   |      | 40          | 20.80                       | 20.63  | 18.311                    | 18.231  |
| 40 MHz               | 5965               | 3                 | SU   | --          | 43.48                       | 42.33  | 37.943                    | 37.927  |
|                      |                    |                   | 26T  | 0           | 20.68                       | 20.46  | 18.561                    | 18.459  |
|                      |                    |                   |      | 9           | 20.89                       | 21.08  | 19.104                    | 18.986  |
|                      |                    |                   |      | 17          | 20.46                       | 20.36  | 18.644                    | 18.542  |
|                      | 6165               | 43                | SU   | --          | 43.26                       | 42.59  | 37.864                    | 37.965  |
|                      |                    |                   | 26T  | 0           | 20.56                       | 20.88  | 18.684                    | 18.423  |
|                      |                    |                   |      | 9           | 21.25                       | 20.94  | 19.068                    | 18.973  |
|                      |                    |                   |      | 17          | 20.70                       | 20.16  | 18.740                    | 18.499  |
|                      | 6405               | 91                | SU   | --          | 44.82                       | 43.45  | 37.857                    | 37.936  |
|                      |                    |                   | 26T  | 0           | 20.55                       | 20.69  | 18.607                    | 18.536  |
|                      |                    |                   |      | 9           | 21.27                       | 21.08  | 19.100                    | 19.080  |
|                      |                    |                   |      | 17          | 20.39                       | 20.88  | 18.631                    | 18.470  |
| 80 MHz               | 5985               | 7                 | SU   | --          | 84.57                       | 84.41  | 77.393                    | 77.379  |
|                      |                    |                   | 52T  | 37          | 21.64                       | 20.64  | 18.477                    | 18.256  |
|                      |                    |                   |      | 45          | 21.31                       | 21.02  | 18.364                    | 18.157  |
|                      |                    |                   |      | 52          | 20.51                       | 20.90  | 18.575                    | 18.322  |
|                      | 6145               | 39                | SU   | --          | 84.43                       | 83.51  | 77.747                    | 77.456  |
|                      |                    |                   | 52T  | 37          | 21.12                       | 20.47  | 18.462                    | 18.244  |
|                      |                    |                   |      | 45          | 21.28                       | 20.52  | 18.379                    | 18.318  |
|                      |                    |                   |      | 52          | 21.34                       | 20.93  | 18.540                    | 18.430  |
|                      | 6385               | 87                | SU   | --          | 84.86                       | 84.19  | 77.568                    | 77.365  |
|                      |                    |                   | 52T  | 37          | 20.76                       | 20.75  | 18.482                    | 18.159  |
|                      |                    |                   |      | 45          | 21.62                       | 20.82  | 18.414                    | 18.218  |
|                      |                    |                   |      | 52          | 20.92                       | 20.41  | 18.410                    | 18.398  |
| 160 MHz              | 6025               | 15                | SU   | --          | 163.70                      | 163.90 | 156.050                   | 155.960 |
|                      |                    |                   | 52T  | 37          | 21.28                       | 20.78  | 18.261                    | 18.301  |
|                      |                    |                   |      | 52          | 20.95                       | 20.63  | 18.364                    | 18.323  |
|                      |                    |                   |      | S52         | 21.17                       | 20.68  | 18.331                    | 18.415  |
|                      | 6185               | 47                | SU   | --          | 163.60                      | 163.60 | 156.350                   | 155.830 |
|                      |                    |                   | 52T  | 37          | 21.44                       | 21.15  | 18.396                    | 18.371  |
|                      |                    |                   |      | 52          | 20.96                       | 20.75  | 18.430                    | 18.318  |
|                      |                    |                   |      | S52         | 21.38                       | 20.45  | 18.681                    | 18.211  |
|                      | 6345               | 79                | SU   | --          | 163.50                      | 164.10 | 156.430                   | 156.270 |
|                      |                    |                   | 52T  | 37          | 21.20                       | 21.11  | 18.402                    | 18.223  |
|                      |                    |                   |      | 52          | 20.91                       | 20.64  | 18.516                    | 18.208  |
|                      |                    |                   |      | S52         | 21.06                       | 20.84  | 18.429                    | 18.260  |



### 9.3.3. 802.11be MIMO SDM MODE IN THE UNII-5 BAND

| UNII-5<br>(MIMO CDD) | Frequency<br>(MHz) | Channel<br>Number | Tone | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|----------------------|--------------------|-------------------|------|-------------|-----------------------------|--------|---------------------------|---------|
|                      |                    |                   |      |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20 MHz               | 5955               | 1                 | SU   | --          | 22.29                       | 22.01  | 18.995                    | 19.000  |
|                      |                    |                   | 52T  | 37          | 21.25                       | 20.33  | 18.398                    | 18.215  |
|                      |                    |                   |      | 38          | 18.86                       | 18.23  | 17.046                    | 16.788  |
|                      |                    |                   |      | 40          | 20.71                       | 20.64  | 18.291                    | 18.243  |
|                      | 6175               | 45                | SU   | --          | 22.78                       | 22.10  | 18.995                    | 18.968  |
|                      |                    |                   | 52T  | 37          | 21.04                       | 20.64  | 18.437                    | 18.196  |
|                      |                    |                   |      | 38          | 18.88                       | 18.41  | 16.995                    | 16.838  |
|                      |                    |                   |      | 40          | 20.59                       | 20.43  | 18.271                    | 18.267  |
|                      | 6415               | 93                | SU   | --          | 22.82                       | 21.95  | 18.996                    | 18.018  |
|                      |                    |                   | 52T  | 37          | 21.22                       | 20.61  | 18.402                    | 18.185  |
|                      |                    |                   |      | 38          | 18.94                       | 18.35  | 16.923                    | 16.824  |
|                      |                    |                   |      | 40          | 20.59                       | 20.79  | 18.253                    | 18.208  |
| 40 MHz               | 5965               | 3                 | SU   | --          | 43.14                       | 42.48  | 37.998                    | 37.955  |
|                      |                    |                   | 26T  | 0           | 21.13                       | 20.74  | 18.749                    | 18.484  |
|                      |                    |                   |      | 9           | 21.21                       | 20.88  | 19.167                    | 19.201  |
|                      |                    |                   |      | 17          | 20.52                       | 20.38  | 18.612                    | 18.614  |
|                      | 6165               | 43                | SU   | --          | 42.86                       | 42.62  | 37.973                    | 37.931  |
|                      |                    |                   | 26T  | 0           | 20.88                       | 20.82  | 18.694                    | 18.617  |
|                      |                    |                   |      | 9           | 20.99                       | 20.62  | 19.202                    | 18.989  |
|                      |                    |                   |      | 17          | 21.32                       | 20.15  | 18.693                    | 18.564  |
|                      | 6405               | 91                | SU   | --          | 43.02                       | 43.31  | 37.978                    | 37.897  |
|                      |                    |                   | 26T  | 0           | 20.82                       | 20.90  | 18.646                    | 18.622  |
|                      |                    |                   |      | 9           | 21.46                       | 21.00  | 19.025                    | 18.922  |
|                      |                    |                   |      | 17          | 20.95                       | 20.62  | 18.809                    | 18.526  |
| 80 MHz               | 5985               | 7                 | SU   | --          | 82.29                       | 81.77  | 77.546                    | 77.523  |
|                      |                    |                   | 52T  | 37          | 21.70                       | 21.13  | 18.460                    | 18.323  |
|                      |                    |                   |      | 45          | 21.21                       | 21.09  | 18.442                    | 18.253  |
|                      |                    |                   |      | 52          | 21.05                       | 20.85  | 18.587                    | 18.425  |
|                      | 6145               | 39                | SU   | --          | 81.62                       | 81.52  | 77.508                    | 77.456  |
|                      |                    |                   | 52T  | 37          | 21.59                       | 20.57  | 18.460                    | 18.357  |
|                      |                    |                   |      | 45          | 21.66                       | 20.98  | 18.477                    | 18.275  |
|                      |                    |                   |      | 52          | 21.03                       | 20.74  | 18.515                    | 18.304  |
|                      | 6385               | 87                | SU   | --          | 82.19                       | 82.03  | 77.439                    | 77.655  |
|                      |                    |                   | 52T  | 37          | 21.47                       | 20.81  | 18.570                    | 18.314  |
|                      |                    |                   |      | 45          | 21.18                       | 20.90  | 18.578                    | 18.314  |
|                      |                    |                   |      | 52          | 20.82                       | 20.54  | 18.495                    | 18.274  |
| 160 MHz              | 6025               | 15                | SU   | --          | 164.50                      | 164.50 | 156.550                   | 156.450 |
|                      |                    |                   | 52T  | 37          | 21.63                       | 20.98  | 18.584                    | 18.455  |
|                      |                    |                   |      | 52          | 21.47                       | 20.87  | 18.603                    | 17.998  |
|                      |                    |                   |      | S52         | 21.20                       | 20.79  | 18.434                    | 18.417  |
|                      | 6185               | 47                | SU   | --          | 165.30                      | 166.70 | 156.400                   | 156.370 |
|                      |                    |                   | 52T  | 37          | 21.71                       | 21.17  | 18.937                    | 18.387  |
|                      |                    |                   |      | 52          | 20.87                       | 20.79  | 18.454                    | 18.467  |
|                      |                    |                   |      | S52         | 21.86                       | 21.03  | 18.721                    | 18.591  |
|                      | 6345               | 79                | SU   | --          | 164.60                      | 163.90 | 156.540                   | 156.470 |
|                      |                    |                   | 52T  | 37          | 21.55                       | 21.16  | 18.661                    | 18.408  |
|                      |                    |                   |      | 52          | 21.28                       | 20.68  | 18.524                    | 18.391  |
|                      |                    |                   |      | S52         | 21.17                       | 20.96  | 18.595                    | 18.604  |

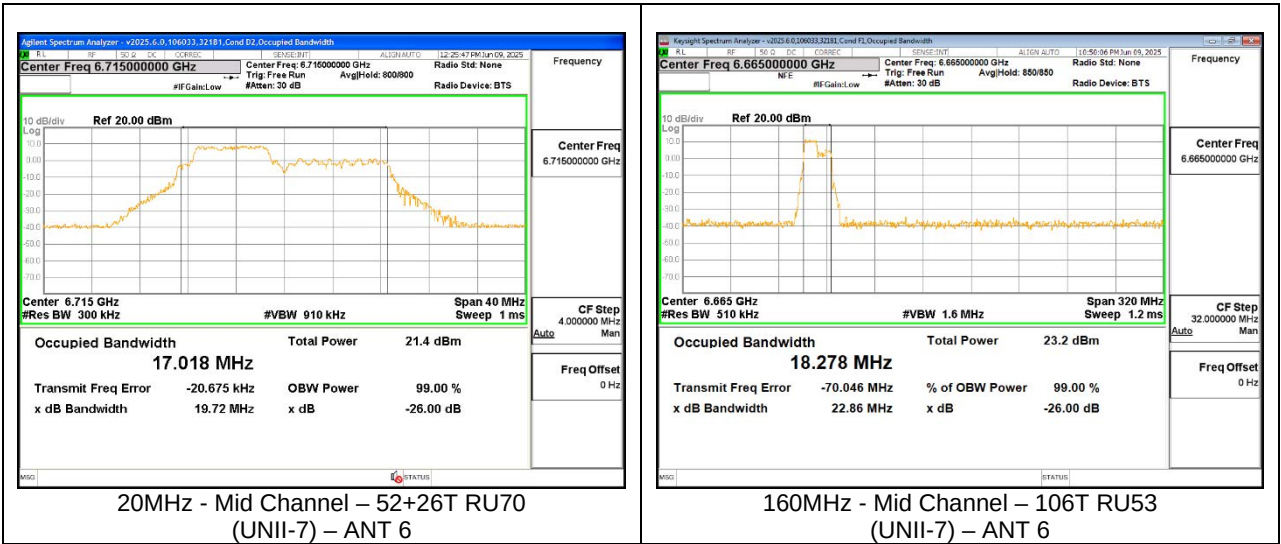
**9.3.4. 802.11be SISO MODE IN THE UNII-7 BAND**

| UNII-7<br>(SISO) | Frequency<br>(MHz) | Channel<br>Number | Tone | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|------------------|--------------------|-------------------|------|-------------|-----------------------------|--------|---------------------------|---------|
|                  |                    |                   |      |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20 MHz           | 6535               | 117               | SU   | --          | 22.10                       | 22.53  | 18.995                    | 19.030  |
|                  |                    |                   |      | 0           | 20.62                       | 20.74  | 18.599                    | 18.575  |
|                  |                    |                   | 26T  | 4           | 18.31                       | 18.26  | 16.937                    | 16.911  |
|                  |                    |                   |      | 8           | 20.50                       | 20.74  | 18.474                    | 18.520  |
|                  | 6715               | 153               | SU   | --          | 22.27                       | 22.51  | 19.019                    | 19.025  |
|                  |                    |                   |      | 0           | 20.75                       | 20.53  | 18.546                    | 18.677  |
|                  |                    |                   | 26T  | 4           | 18.23                       | 18.26  | 16.951                    | 16.862  |
|                  |                    |                   |      | 8           | 20.74                       | 20.45  | 18.454                    | 18.662  |
|                  | 6855               | 181               | SU   | --          | 22.77                       | 22.37  | 18.989                    | 18.993  |
|                  |                    |                   |      | 0           | 20.59                       | 20.46  | 18.609                    | 18.604  |
|                  |                    |                   | 26T  | 4           | 18.33                       | 18.19  | 16.865                    | 16.868  |
|                  |                    |                   |      | 8           | 20.20                       | 20.45  | 18.507                    | 18.565  |
| 40 MHz           | 6565               | 123               | SU   | --          | 44.21                       | 42.49  | 37.872                    | 37.946  |
|                  |                    |                   |      | 0           | 20.71                       | 20.99  | 18.659                    | 18.520  |
|                  |                    |                   | 26T  | 9           | 21.16                       | 21.10  | 19.109                    | 19.086  |
|                  |                    |                   |      | 17          | 20.58                       | 20.20  | 18.573                    | 18.525  |
|                  | 6685               | 147               | SU   | --          | 44.50                       | 42.42  | 38.041                    | 38.037  |
|                  |                    |                   |      | 0           | 20.79                       | 20.52  | 18.583                    | 18.617  |
|                  |                    |                   | 26T  | 9           | 21.05                       | 21.13  | 19.133                    | 19.208  |
|                  |                    |                   |      | 17          | 20.79                       | 20.56  | 18.760                    | 18.462  |
|                  | 6845               | 179               | SU   | --          | 43.14                       | 42.76  | 38.032                    | 38.033  |
|                  |                    |                   |      | 0           | 21.09                       | 20.78  | 18.517                    | 18.743  |
|                  |                    |                   | 26T  | 9           | 21.22                       | 21.17  | 19.050                    | 19.097  |
|                  |                    |                   |      | 17          | 20.55                       | 20.52  | 18.643                    | 18.600  |
| 80 MHz           | 6625               | 135               | SU   | --          | 84.47                       | 84.61  | 77.465                    | 77.460  |
|                  |                    |                   |      | 0           | 20.60                       | 20.89  | 18.661                    | 18.753  |
|                  |                    |                   | 26T  | 17          | 20.52                       | 20.83  | 18.669                    | 18.593  |
|                  |                    |                   |      | 36          | 20.61                       | 20.85  | 18.630                    | 18.822  |
|                  | 6705               | 151               | SU   | --          | 84.68                       | 84.57  | 77.409                    | 77.675  |
|                  |                    |                   |      | 0           | 21.00                       | 21.03  | 18.625                    | 18.662  |
|                  |                    |                   | 26T  | 17          | 20.70                       | 20.59  | 18.739                    | 18.664  |
|                  |                    |                   |      | 36          | 21.02                       | 20.92  | 18.694                    | 18.738  |
|                  | 6785               | 167               | SU   | --          | 84.15                       | 83.21  | 77.451                    | 77.459  |
|                  |                    |                   |      | 0           | 20.95                       | 20.95  | 18.594                    | 18.555  |
|                  |                    |                   | 26T  | 17          | 20.75                       | 20.62  | 18.783                    | 18.577  |
|                  |                    |                   |      | 36          | 20.40                       | 20.62  | 18.631                    | 18.707  |
| 160 MHz          | 6665               | 143               | SU   | --          | 163.60                      | 163.40 | 156.290                   | 156.170 |
|                  |                    |                   |      | 0           | 20.82                       | 21.16  | 18.654                    | 18.828  |
|                  |                    |                   | 26T  | 36          | 20.78                       | 20.88  | 18.632                    | 18.584  |
|                  |                    |                   |      | S36         | 20.99                       | 21.22  | 18.804                    | 18.820  |

**9.3.5. 802.11be MIMO CDD MODE IN THE UNII-7 BAND**

| UNII-7<br>(MIMO CDD) | Frequency<br>(MHz) | Channel<br>Number | Tone   | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|----------------------|--------------------|-------------------|--------|-------------|-----------------------------|--------|---------------------------|---------|
|                      |                    |                   |        |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20 MHz               | 6535               | 117               | SU     | --          | 22.47                       | 21.89  | 19.023                    | 19.022  |
|                      |                    |                   | 52+26T | 70          | 19.89                       | 19.50  | 16.970                    | 16.577  |
|                      |                    |                   |        | 71          | 19.33                       | 18.35  | 16.957                    | 16.786  |
|                      |                    |                   |        | 72          | 19.45                       | 18.87  | 17.086                    | 16.976  |
|                      | 6715               | 153               | SU     | --          | 22.25                       | 21.78  | 19.022                    | 18.988  |
|                      |                    |                   | 52+26T | 70          | 19.72                       | 19.41  | 17.018                    | 16.808  |
|                      |                    |                   |        | 71          | 19.30                       | 18.55  | 16.927                    | 16.867  |
|                      |                    |                   |        | 72          | 19.62                       | 19.13  | 16.988                    | 16.912  |
|                      | 6855               | 181               | SU     | --          | 22.54                       | 21.41  | 19.003                    | 18.987  |
|                      |                    |                   | 52+26T | 70          | 20.14                       | 19.44  | 17.000                    | 16.917  |
|                      |                    |                   |        | 71          | 19.30                       | 18.54  | 16.978                    | 16.815  |
|                      |                    |                   |        | 72          | 19.49                       | 19.12  | 17.098                    | 16.931  |
| 40 MHz               | 6565               | 123               | SU     | --          | 42.40                       | 42.95  | 37.973                    | 37.943  |
|                      |                    |                   | 26T    | 0           | 20.97                       | 20.28  | 18.707                    | 18.506  |
|                      |                    |                   |        | 9           | 21.34                       | 20.82  | 19.027                    | 18.841  |
|                      |                    |                   |        | 17          | 20.46                       | 20.46  | 18.464                    | 18.517  |
|                      | 6685               | 147               | SU     | --          | 43.29                       | 42.94  | 37.971                    | 37.940  |
|                      |                    |                   | 26T    | 0           | 20.82                       | 20.40  | 18.667                    | 18.502  |
|                      |                    |                   |        | 9           | 21.50                       | 21.13  | 19.084                    | 18.902  |
|                      |                    |                   |        | 17          | 20.95                       | 20.52  | 18.558                    | 18.514  |
|                      | 6845               | 179               | SU     | --          | 44.07                       | 44.06  | 37.979                    | 38.036  |
|                      |                    |                   | 26T    | 0           | 20.90                       | 20.66  | 18.549                    | 18.565  |
|                      |                    |                   |        | 9           | 21.26                       | 20.85  | 19.214                    | 18.910  |
|                      |                    |                   |        | 17          | 20.70                       | 20.41  | 18.621                    | 18.402  |
| 80 MHz               | 6625               | 135               | SU     | --          | 84.31                       | 84.21  | 77.448                    | 77.509  |
|                      |                    |                   | 26T    | 0           | 21.57                       | 21.06  | 18.355                    | 18.143  |
|                      |                    |                   |        | 17          | 20.79                       | 20.66  | 18.417                    | 18.062  |
|                      |                    |                   |        | 36          | 21.24                       | 20.63  | 18.481                    | 18.309  |
|                      | 6705               | 151               | SU     | --          | 83.54                       | 83.88  | 77.518                    | 77.327  |
|                      |                    |                   | 52T    | 37          | 21.59                       | 20.40  | 18.387                    | 18.189  |
|                      |                    |                   |        | 45          | 21.01                       | 20.78  | 18.377                    | 18.277  |
|                      |                    |                   |        | 52          | 20.58                       | 20.75  | 18.215                    | 18.337  |
|                      | 6785               | 167               | SU     | --          | 83.56                       | 83.32  | 77.447                    | 77.471  |
|                      |                    |                   | 52T    | 37          | 21.26                       | 20.81  | 18.412                    | 18.132  |
|                      |                    |                   |        | 45          | 21.25                       | 20.55  | 18.224                    | 18.196  |
|                      |                    |                   |        | 52          | 20.53                       | 20.57  | 18.265                    | 18.259  |
| 160 MHz              | 6665               | 143               | SU     | --          | 164.30                      | 163.30 | 156.210                   | 155.980 |
|                      |                    |                   | 106T   | 53          | 22.86                       | 21.35  | 18.278                    | 18.096  |
|                      |                    |                   |        | 60          | 20.80                       | 20.44  | 18.249                    | 18.082  |
|                      |                    |                   |        | S60         | 21.43                       | 21.17  | 18.221                    | 17.966  |





**9.3.6. 802.11be MIMO SDM MODE IN THE UNII-7 BAND**

| UNII-7<br>(MIMO CDD) | Frequency<br>(MHz) | Channel<br>Number | Tone   | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|----------------------|--------------------|-------------------|--------|-------------|-----------------------------|--------|---------------------------|---------|
|                      |                    |                   |        |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20 MHz               | 6535               | 117               | SU     | --          | 22.80                       | 22.06  | 19.006                    | 19.053  |
|                      |                    |                   | 52+26T | 70          | 19.92                       | 19.47  | 17.094                    | 16.908  |
|                      |                    |                   |        | 71          | 19.24                       | 18.55  | 16.895                    | 16.849  |
|                      |                    |                   |        | 72          | 19.60                       | 18.85  | 17.102                    | 16.888  |
|                      | 6715               | 153               | SU     | --          | 22.51                       | 21.91  | 19.066                    | 18.992  |
|                      |                    |                   | 52+26T | 70          | 20.33                       | 18.94  | 17.126                    | 16.919  |
|                      |                    |                   |        | 71          | 19.14                       | 18.63  | 17.027                    | 16.884  |
|                      |                    |                   |        | 72          | 19.62                       | 19.19  | 17.071                    | 16.973  |
|                      | 6855               | 181               | SU     | --          | 22.40                       | 21.89  | 18.995                    | 19.053  |
|                      |                    |                   | 52+26T | 70          | 20.16                       | 19.30  | 17.064                    | 16.972  |
|                      |                    |                   |        | 71          | 19.20                       | 18.44  | 16.953                    | 16.810  |
|                      |                    |                   |        | 72          | 19.24                       | 19.10  | 17.059                    | 16.959  |
| 40 MHz               | 6565               | 123               | SU     | --          | 42.42                       | 42.79  | 37.849                    | 37.955  |
|                      |                    |                   | 26T    | 0           | 20.81                       | 20.80  | 18.611                    | 18.454  |
|                      |                    |                   |        | 9           | 21.20                       | 20.93  | 19.159                    | 18.978  |
|                      |                    |                   |        | 17          | 20.59                       | 20.76  | 18.592                    | 18.643  |
|                      | 6685               | 147               | SU     | --          | 43.27                       | 43.04  | 38.039                    | 37.909  |
|                      |                    |                   | 26T    | 0           | 20.56                       | 20.89  | 18.588                    | 18.532  |
|                      |                    |                   |        | 9           | 21.11                       | 20.90  | 19.103                    | 18.950  |
|                      |                    |                   |        | 17          | 20.48                       | 20.25  | 18.762                    | 18.472  |
|                      | 6845               | 179               | SU     | --          | 43.80                       | 42.41  | 37.952                    | 38.004  |
|                      |                    |                   | 26T    | 0           | 20.81                       | 20.41  | 18.527                    | 18.454  |
|                      |                    |                   |        | 9           | 21.32                       | 20.74  | 19.168                    | 18.990  |
|                      |                    |                   |        | 17          | 20.68                       | 20.43  | 18.732                    | 18.572  |
| 80 MHz               | 6625               | 135               | SU     | --          | 81.46                       | 81.83  | 77.559                    | 77.522  |
|                      |                    |                   | 52T    | 37          | 20.87                       | 21.11  | 18.442                    | 18.089  |
|                      |                    |                   |        | 45          | 21.18                       | 20.76  | 18.336                    | 17.979  |
|                      |                    |                   |        | 52          | 20.97                       | 20.58  | 18.457                    | 18.230  |
|                      | 6705               | 151               | SU     | --          | 81.75                       | 82.05  | 77.364                    | 77.409  |
|                      |                    |                   | 52T    | 37          | 21.65                       | 20.61  | 18.345                    | 18.225  |
|                      |                    |                   |        | 45          | 21.68                       | 20.91  | 18.341                    | 18.047  |
|                      |                    |                   |        | 52          | 21.12                       | 20.35  | 18.386                    | 18.183  |
|                      | 6785               | 167               | SU     | --          | 82.09                       | 81.54  | 77.425                    | 77.488  |
|                      |                    |                   | 52T    | 37          | 21.75                       | 20.72  | 18.450                    | 18.199  |
|                      |                    |                   |        | 45          | 20.88                       | 20.49  | 18.321                    | 18.291  |
|                      |                    |                   |        | 52          | 21.03                       | 20.83  | 18.448                    | 18.319  |
| 160 MHz              | 6665               | 143               | SU     | --          | 165.60                      | 163.90 | 156.580                   | 156.570 |
|                      |                    |                   | 106T   | 53          | 23.17                       | 21.70  | 18.408                    | 18.218  |
|                      |                    |                   |        | 60          | 19.35                       | 20.31  | 17.305                    | 17.724  |
|                      |                    |                   |        | S60         | 20.90                       | 21.28  | 18.089                    | 18.185  |

## 9.4. VLP 26 dB AND 99% BANDWIDTH

### LIMITS

None; for reporting purposes only.

### PROCEDURE

ANSI C63.10

| Band         | Tones      | 20MHz<br>(RBW/VBW)                                                     | 40MHz<br>(RBW/VBW)                                                                         | 80MHz<br>(RBW/VBW)                                                                                                 | *160MHz<br>(RBW/VBW)                                          |
|--------------|------------|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| UNII-5/6/7/8 | Partial RU | 52+26T: 300kHz/910kHz<br>106T: 300kHz/910kHz<br>106+26T: 300kHz/910kHz | 52T: 510kHz/1.6MHz<br>106T: 510kHz/1.6MHz<br>106+26T: 510kHz/1.6MHz<br>242T: 510kHz/1.6MHz | 106T: 510kHz/1.6MHz<br>106+26T: 510kHz/1.6MHz<br>242T: 510kHz/1.6MHz<br>484T: 510kHz/1.6MHz<br>484+242T: 1MHz/3MHz | 484T: 510kHz/1.6MHz<br>996T: 1MHz/3MHz<br>996+484T: 2MHz/6MHz |
|              | SU         | 300kHz/910kHz                                                          | 510kHz/1.6MHz                                                                              | 1MHz/3MHz                                                                                                          | 2MHz/6MHz                                                     |

\*Different RBW/VBW due to different partial tones.

### RESULTS

|              |            |
|--------------|------------|
| <b>ID:</b>   | 28161      |
| <b>Date:</b> | 2025-07-18 |

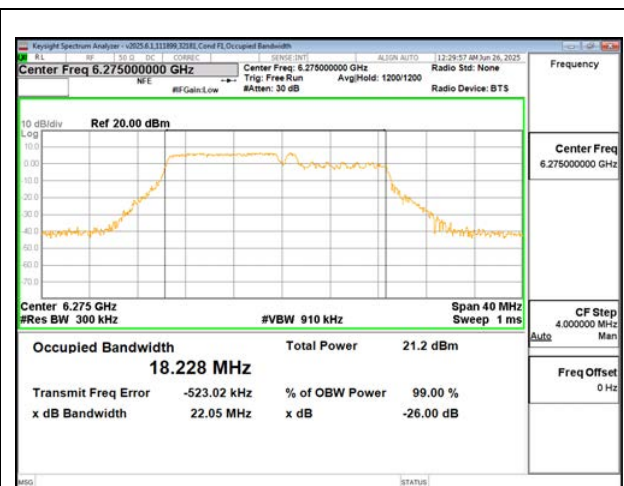
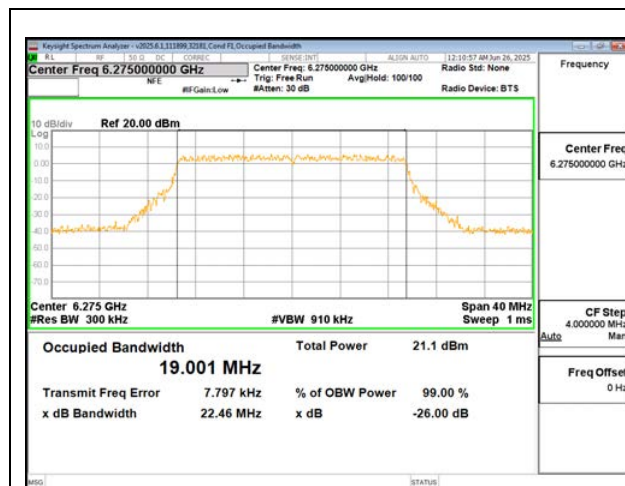
For mask and bandwidth measurements partial RU allocations are tested with the RUs allocated at the lower and upper positions within the channel for the low mid and high channels in each band. Additionally, the center channel is also tested with the RU allocated in the center of the channel to verify that the low / high RU allocations are the worst case.

Plots included in the report are representative of the method and settings parameters used for the test.

The tests performed on this device show that both 99% and 26dB bandwidths are less than 320 MHz for all supported channel bandwidths.

### 9.4.1. 802.11be SISO MODE IN THE UNII-5 BAND

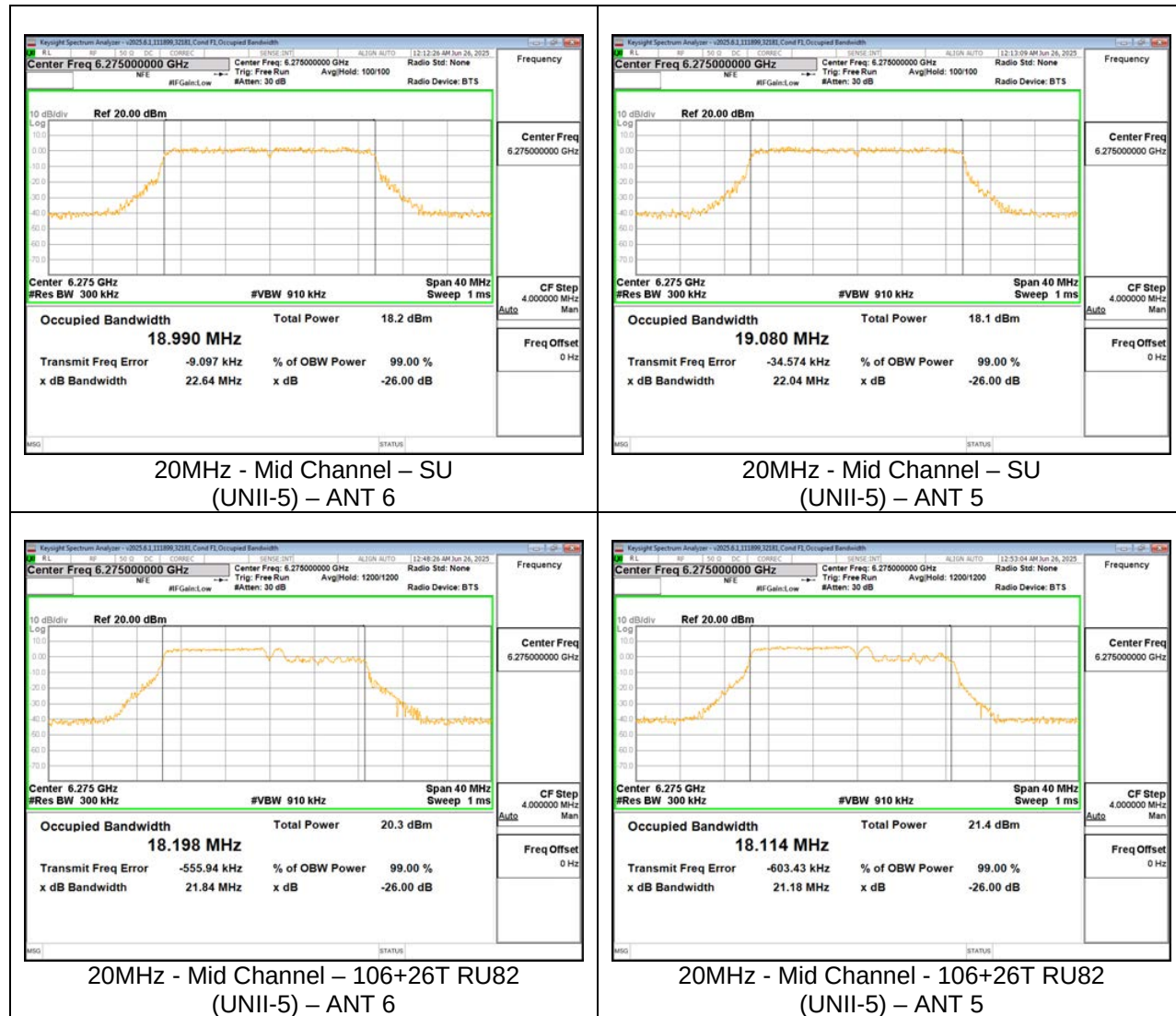
| UNII-5 (SISO)                                       | Frequency (MHz) | Channel Number | Tone    | RU Index | 26 dB Bandwidth (MHz) |        | 99% Bandwidth (MHz) |         |
|-----------------------------------------------------|-----------------|----------------|---------|----------|-----------------------|--------|---------------------|---------|
|                                                     |                 |                |         |          | ANT 6                 | ANT 5  | ANT 6               | ANT 5   |
| 20 MHz                                              | 6115            | 33             | SU      | --       | 22.82                 | 23.11  | 19.045              | 19.056  |
|                                                     |                 |                | 106+26T | 82       | 21.80                 | 21.76  | 18.235              | 18.269  |
|                                                     |                 |                |         | 83       | 21.45                 | 20.82  | 17.931              | 18.139  |
|                                                     | 6275            | 65             | SU      | --       | 22.46                 | 22.94  | 19.001              | 19.010  |
|                                                     |                 |                | 106+26T | 82       | 22.05                 | 21.17  | 18.228              | 18.238  |
|                                                     |                 |                |         | 83       | 21.80                 | 21.04  | 18.101              | 18.169  |
| 40 MHz                                              | 6125            | 35             | SU      | --       | 22.61                 | 23.15  | 19.068              | 19.016  |
|                                                     |                 |                | 106+26T | 82       | 21.73                 | 21.98  | 18.197              | 18.244  |
|                                                     |                 |                |         | 83       | 21.17                 | 20.90  | 18.070              | 18.146  |
|                                                     | 6285            | 67             | SU      | --       | 44.35                 | 43.68  | 37.993              | 37.960  |
|                                                     |                 |                | 106+26T | 82       | 21.91                 | 22.30  | 18.036              | 18.057  |
|                                                     |                 |                |         | 84       | 22.44                 | 22.36  | 18.627              | 18.655  |
| 80 MHz                                              | 6145            | 39             | SU      | --       | 21.07                 | 21.43  | 17.944              | 18.012  |
|                                                     |                 |                | 106+26T | 82       | 42.80                 | 43.22  | 38.044              | 38.009  |
|                                                     |                 |                |         | 84       | 22.63                 | 22.20  | 18.034              | 18.089  |
|                                                     | 6305            | 71             | SU      | --       | 22.70                 | 22.50  | 18.522              | 18.601  |
|                                                     |                 |                | 106+26T | 82       | 21.71                 | 21.45  | 17.990              | 17.956  |
|                                                     |                 |                |         | 85       | 21.45                 | 21.45  | 17.990              | 17.956  |
| 160 MHz                                             | 6405            | 91             | SU      | --       | 43.99                 | 43.92  | 38.000              | 37.978  |
|                                                     |                 |                | 106+26T | 82       | 22.05                 | 22.11  | 18.073              | 18.045  |
|                                                     |                 |                |         | 84       | 22.18                 | 22.64  | 18.681              | 18.627  |
|                                                     | 6185            | 47             | SU      | --       | 21.36                 | 20.95  | 18.047              | 17.959  |
|                                                     |                 |                | 484T    | 65       | 84.26                 | 84.63  | 77.691              | 77.559  |
|                                                     |                 |                |         | 66       | 44.68                 | 44.44  | 38.134              | 38.156  |
| 20MHz - Mid Channel – SU (UNII-5) – ANT 6           | 6385            | 87             | SU      | --       | 44.47                 | 43.61  | 38.141              | 38.157  |
|                                                     |                 |                | 484T    | 65       | 84.26                 | 84.73  | 77.602              | 77.804  |
|                                                     |                 |                |         | 66       | 44.34                 | 43.94  | 38.127              | 38.145  |
| 20MHz - Mid Channel – 106+26T RU82 (UNII-5) – ANT 6 | 6345            | 79             | SU      | --       | 44.47                 | 44.60  | 38.195              | 38.134  |
|                                                     |                 |                | 484T    | 65       | 84.76                 | 84.17  | 77.597              | 77.795  |
|                                                     |                 |                |         | 66       | 43.43                 | 43.93  | 38.188              | 38.114  |
|                                                     | 6345            | 79             | SU      | --       | 43.84                 | 44.30  | 38.082              | 38.092  |
|                                                     |                 |                | 484T    | 65       | 45.75                 | 43.65  | 38.301              | 38.232  |
|                                                     |                 |                |         | 66       | 44.14                 | 43.87  | 38.430              | 38.539  |
| 20MHz - Mid Channel – SU (UNII-5) – ANT 6           | 6345            | 79             | SU      | --       | 43.94                 | 44.47  | 38.280              | 38.318  |
|                                                     |                 |                | 484T    | 65       | 164.10                | 164.40 | 156.370             | 156.360 |
|                                                     |                 |                |         | 66       | 45.03                 | 43.37  | 38.278              | 38.274  |
| 20MHz - Mid Channel – 106+26T RU82 (UNII-5) – ANT 6 | 6345            | 79             | SU      | --       | 43.07                 | 44.44  | 38.387              | 38.514  |
|                                                     |                 |                | 484T    | 65       | 44.11                 | 44.82  | 38.277              | 38.257  |
|                                                     |                 |                |         | S66      |                       |        |                     |         |





**9.4.2. 802.11be MIMO CDD MODE IN THE UNII-5 BAND**

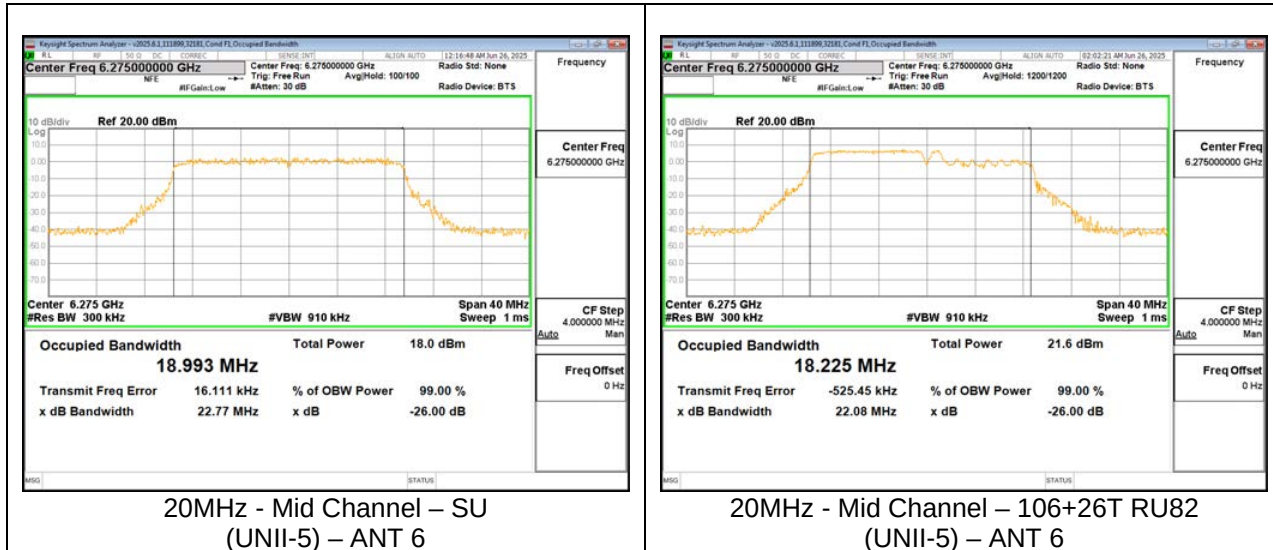
| UNII-5<br>(MIMO CDD) | Frequency<br>(MHz) | Channel<br>Number | Tone    | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|----------------------|--------------------|-------------------|---------|-------------|-----------------------------|--------|---------------------------|---------|
|                      |                    |                   |         |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20 MHz               | 6115               | 33                | SU      | --          | 22.92                       | 22.34  | 19.043                    | 19.016  |
|                      |                    |                   | 106+26T | 82          | 21.43                       | 20.29  | 18.179                    | 18.028  |
|                      |                    |                   |         | 83          | 20.23                       | 20.33  | 18.069                    | 18.093  |
|                      | 6275               | 65                | SU      | --          | 22.64                       | 22.04  | 18.990                    | 19.080  |
|                      |                    |                   | 106+26T | 82          | 21.84                       | 21.18  | 18.198                    | 18.114  |
|                      |                    |                   |         | 83          | 21.22                       | 20.58  | 18.169                    | 18.100  |
|                      | 6415               | 93                | SU      | --          | 22.00                       | 22.71  | 19.077                    | 19.520  |
|                      |                    |                   | 106+26T | 82          | 21.18                       | 20.48  | 18.114                    | 18.035  |
|                      |                    |                   |         | 83          | 20.44                       | 19.99  | 18.117                    | 18.072  |
| 40 MHz               | 6125               | 35                | SU      | --          | 43.53                       | 43.81  | 37.912                    | 37.952  |
|                      |                    |                   | 106+26T | 82          | 21.66                       | 20.97  | 18.006                    | 17.860  |
|                      |                    |                   |         | 84          | 21.63                       | 21.12  | 18.550                    | 18.460  |
|                      |                    |                   |         | 85          | 21.13                       | 20.50  | 17.981                    | 17.912  |
|                      | 6285               | 67                | SU      | --          | 43.80                       | 43.60  | 38.003                    | 37.937  |
|                      |                    |                   | 106+26T | 82          | 22.11                       | 21.38  | 18.036                    | 17.986  |
|                      |                    |                   |         | 84          | 22.67                       | 21.97  | 18.768                    | 18.459  |
|                      |                    |                   |         | 85          | 21.26                       | 20.93  | 17.992                    | 17.911  |
|                      | 6405               | 91                | SU      | --          | 43.24                       | 42.59  | 38.019                    | 37.868  |
|                      |                    |                   | 106+26T | 82          | 21.50                       | 20.53  | 17.958                    | 17.841  |
|                      |                    |                   |         | 84          | 22.01                       | 20.80  | 18.568                    | 18.298  |
|                      |                    |                   |         | 85          | 20.57                       | 20.46  | 17.999                    | 17.867  |
| 80 MHz               | 6145               | 39                | SU      | --          | 84.16                       | 83.92  | 77.568                    | 77.570  |
|                      |                    |                   | 484T    | 65          | 42.28                       | 41.43  | 38.036                    | 38.021  |
|                      |                    |                   |         | 66          | 42.49                       | 42.03  | 38.032                    | 37.967  |
|                      | 6305               | 71                | SU      | --          | 84.08                       | 84.74  | 77.600                    | 77.571  |
|                      |                    |                   | 484T    | 65          | 43.10                       | 41.31  | 38.151                    | 38.059  |
|                      |                    |                   |         | 66          | 42.68                       | 42.24  | 38.045                    | 38.044  |
|                      | 6385               | 87                | SU      | --          | 84.07                       | 83.53  | 77.455                    | 77.445  |
|                      |                    |                   | 484T    | 65          | 42.89                       | 42.50  | 38.031                    | 38.030  |
|                      |                    |                   |         | 66          | 42.75                       | 41.66  | 38.033                    | 38.037  |
| 160 MHz              | 6185               | 47                | SU      | --          | 164.00                      | 164.00 | 156.570                   | 156.300 |
|                      |                    |                   | 484T    | 65          | 42.5                        | 42.24  | 38.129                    | 38.175  |
|                      |                    |                   |         | 66          | 43.23                       | 42.93  | 38.176                    | 38.213  |
|                      |                    |                   |         | S66         | 44.45                       | 43.56  | 38.365                    | 38.366  |
|                      | 6345               | 79                | SU      | --          | 163.90                      | 163.50 | 156.270                   | 156.07  |
|                      |                    |                   | 484T    | 65          | 42.32                       | 41.76  | 38.222                    | 38.164  |
|                      |                    |                   |         | 66          | 42.07                       | 42.66  | 38.083                    | 38.181  |
|                      |                    |                   |         | S66         | 43.94                       | 43.75  | 38.494                    | 38.496  |



**9.4.3. 802.11be MIMO SDM MODE IN THE UNII-5 BAND**

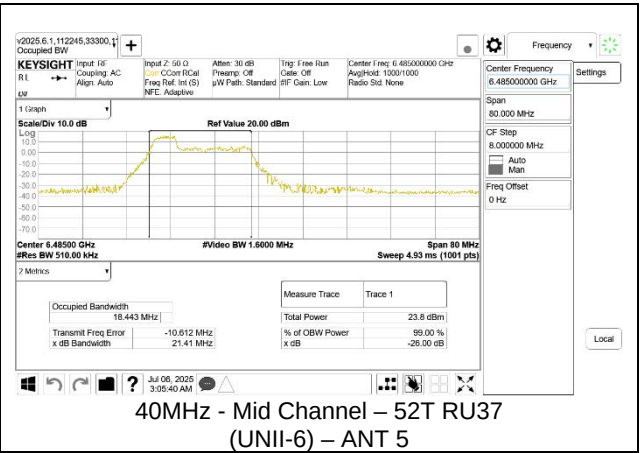
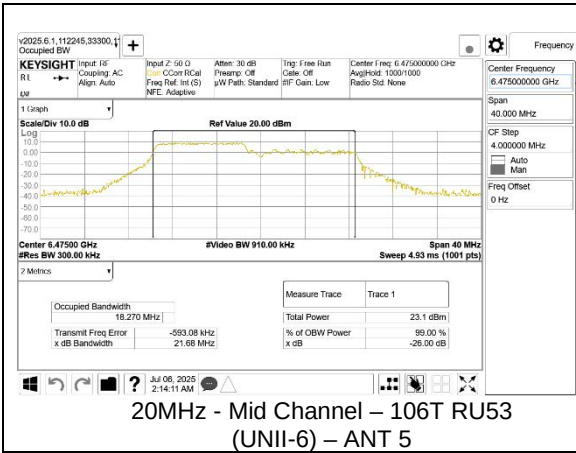
| UNII-5<br>(MIMO CDD) | Frequency<br>(MHz) | Channel<br>Number | Tone    | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|----------------------|--------------------|-------------------|---------|-------------|-----------------------------|--------|---------------------------|---------|
|                      |                    |                   |         |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20 MHz               | 6115               | 33                | SU      | --          | 22.82                       | 23.11  | 19.045                    | 19.056  |
|                      |                    |                   | 106+26T | 82          | 21.99                       | 20.98  | 18.209                    | 18.050  |
|                      |                    |                   |         | 83          | 21.16                       | 20.50  | 18.186                    | 18.130  |
|                      | 6275               | 65                | SU      | --          | 22.77                       | 22.03  | 18.993                    | 19.013  |
|                      |                    |                   | 106+26T | 82          | 22.08                       | 21.13  | 18.225                    | 18.058  |
|                      |                    |                   |         | 83          | 21.29                       | 20.68  | 18.182                    | 18.080  |
|                      | 6415               | 93                | SU      | --          | 22.61                       | 23.15  | 19.068                    | 19.016  |
|                      |                    |                   | 106+26T | 82          | 21.90                       | 20.88  | 18.186                    | 18.113  |
|                      |                    |                   |         | 83          | 20.73                       | 20.59  | 18.093                    | 18.118  |
| 40 MHz               | 6125               | 35                | SU      | --          | 43.58                       | 42.84  | 37.986                    | 38.030  |
|                      |                    |                   | 106+26T | 82          | 22.02                       | 21.62  | 17.962                    | 17.875  |
|                      |                    |                   |         | 84          | 21.75                       | 21.65  | 18.595                    | 18.479  |
|                      |                    |                   |         | 85          | 21.15                       | 20.56  | 18.049                    | 17.782  |
|                      | 6285               | 67                | SU      | --          | 43.91                       | 42.65  | 38.022                    | 37.942  |
|                      |                    |                   | 106+26T | 82          | 22.24                       | 21.18  | 18.081                    | 17.861  |
|                      |                    |                   |         | 84          | 22.29                       | 21.88  | 18.563                    | 18.410  |
|                      |                    |                   |         | 85          | 21.88                       | 20.64  | 18.046                    | 17.950  |
|                      | 6405               | 91                | SU      | --          | 42.95                       | 41.86  | 37.973                    | 37.934  |
|                      |                    |                   | 106+26T | 82          | 21.81                       | 21.05  | 17.951                    | 17.908  |
|                      |                    |                   |         | 84          | 22.19                       | 21.67  | 18.667                    | 18.434  |
|                      |                    |                   |         | 85          | 21.36                       | 20.89  | 18.007                    | 17.936  |
| 80 MHz               | 6145               | 39                | SU      | --          | 84.03                       | 83.65  | 77.705                    | 77.461  |
|                      |                    |                   | 484T    | 65          | 44.00                       | 43.20  | 38.195                    | 38.164  |
|                      |                    |                   |         | 66          | 44.19                       | 43.49  | 38.165                    | 38.054  |
|                      | 6305               | 71                | SU      | --          | 83.86                       | 83.49  | 77.487                    | 77.349  |
|                      |                    |                   | 484T    | 65          | 43.74                       | 43.98  | 38.149                    | 38.104  |
|                      |                    |                   |         | 66          | 44.22                       | 43.31  | 38.170                    | 38.048  |
|                      | 6385               | 87                | SU      | --          | 83.23                       | 83.18  | 77.511                    | 77.350  |
|                      |                    |                   | 484T    | 65          | 43.71                       | 44.35  | 38.128                    | 38.138  |
|                      |                    |                   |         | 66          | 43.44                       | 43.34  | 38.084                    | 38.162  |
| 160 MHz              | 6185               | 47                | SU      | --          | 163.90                      | 163.80 | 156.170                   | 156.180 |
|                      |                    |                   | 484T    | 65          | 44.44                       | 43.58  | 38.254                    | 38.290  |
|                      |                    |                   |         | 66          | 43.68                       | 44.60  | 38.386                    | 38.446  |
|                      |                    |                   |         | S66         | 44.23                       | 43.10  | 38.257                    | 38.299  |
|                      | 6345               | 79                | SU      | --          | 163.90                      | 164.10 | 156.320                   | 156.300 |
|                      |                    |                   | 484T    | 65          | 44.01                       | 43.78  | 38.276                    | 38.237  |
|                      |                    |                   |         | 66          | 44.18                       | 42.71  | 38.410                    | 38.368  |
|                      |                    |                   |         | S66         | 43.96                       | 43.48  | 38.278                    | 38.261  |

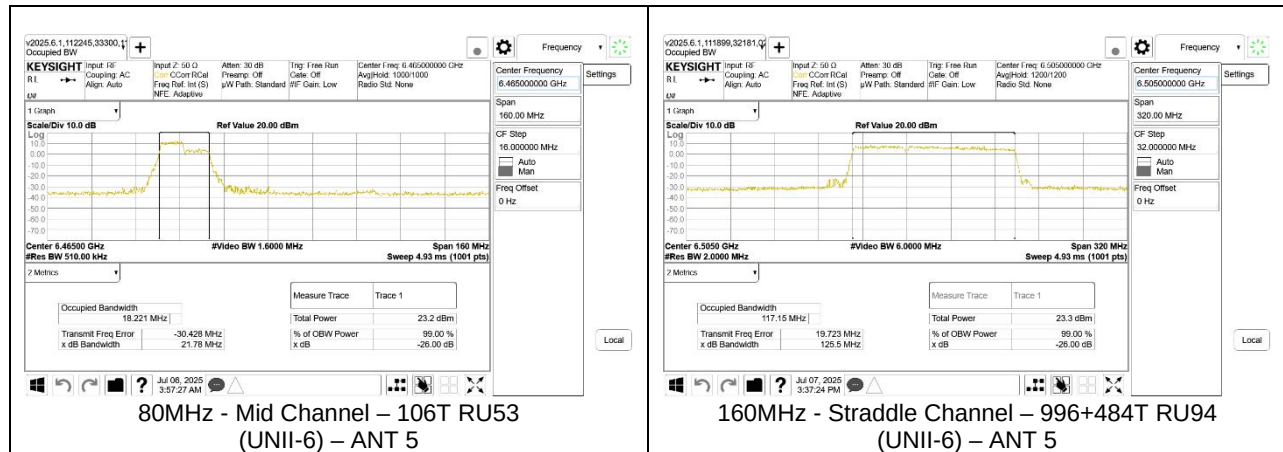




9.4.4. 802.11be SISO MODE IN THE UNII-6 BAND

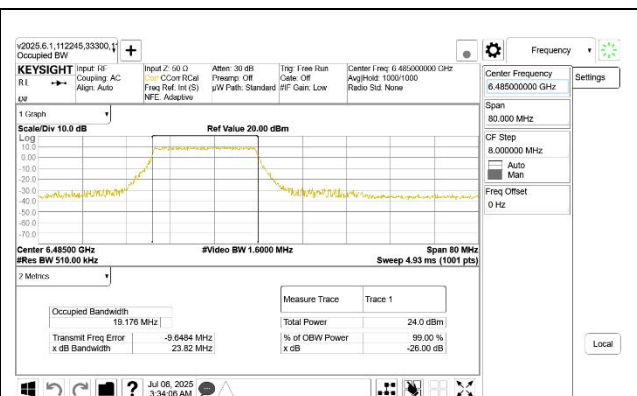
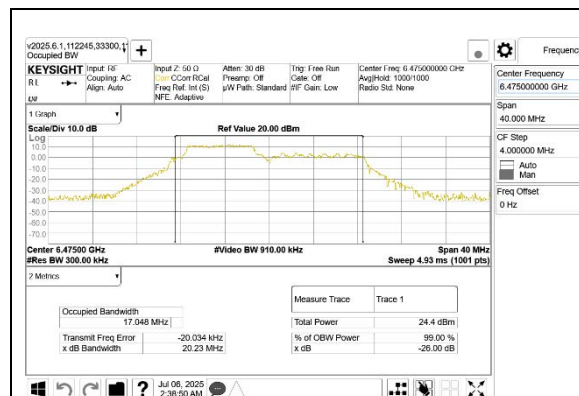
| UNII-6 (SISO) | Frequency (MHz) | Channel Number | Tone     | RU Index | 26 dB Bandwidth (MHz) |        | 99% Bandwidth (MHz) |         |
|---------------|-----------------|----------------|----------|----------|-----------------------|--------|---------------------|---------|
|               |                 |                |          |          | ANT 6                 | ANT 5  | ANT 6               | ANT 5   |
| 20 MHz        | 6435            | 97             | SU       | --       | 23.08                 | 22.12  | 19.048              | 19.021  |
|               |                 |                | 106T     | 53       | 21.61                 | 21.82  | 18.301              | 18.246  |
|               |                 |                |          | 54       | 21.18                 | 21.05  | 18.226              | 18.261  |
|               | 6475            | 105            | SU       | --       | 22.68                 | 22.57  | 19.023              | 19.033  |
|               |                 |                | 106T     | 53       | 21.65                 | 21.68  | 18.286              | 18.270  |
|               |                 |                |          | 54       | 21.40                 | 21.19  | 18.154              | 18.167  |
|               | 6515            | 113            | SU       | --       | 22.84                 | 22.73  | 19.034              | 19.034  |
|               |                 |                | 106T     | 53       | 21.77                 | 21.34  | 18.334              | 18.290  |
|               |                 |                |          | 54       | 21.07                 | 21.41  | 18.156              | 18.166  |
| 40 MHz        | 6445            | 99             | SU       | --       | 43.36                 | 43.96  | 37.921              | 38.021  |
|               |                 |                | 52T      | 37       | 21.55                 | 21.16  | 18.404              | 18.291  |
|               |                 |                |          | 41       | 21.50                 | 21.52  | 18.888              | 18.881  |
|               |                 |                |          | 44       | 20.90                 | 20.90  | 18.311              | 18.315  |
|               | 6485            | 107            | SU       | --       | 43.73                 | 43.44  | 38.028              | 37.947  |
|               |                 |                | 52T      | 37       | 21.17                 | 21.41  | 18.305              | 18.443  |
|               |                 |                |          | 41       | 21.35                 | 21.57  | 18.848              | 18.714  |
|               |                 |                |          | 44       | 20.65                 | 20.81  | 18.393              | 18.491  |
|               | 6525 (Straddle) | 115            | SU       | --       | 43.57                 | 43.92  | 37.976              | 37.952  |
|               |                 |                | 52T      | 37       | 21.41                 | 21.63  | 18.355              | 18.318  |
|               |                 |                |          | 41       | 21.66                 | 21.51  | 18.899              | 18.924  |
|               |                 |                |          | 44       | 20.93                 | 21.06  | 18.426              | 18.460  |
| 80 MHz        | 6465            | 103            | SU       | --       | 84.56                 | 84.56  | 77.604              | 77.480  |
|               |                 |                | 106T     | 53       | 22.43                 | 21.78  | 18.195              | 18.221  |
|               |                 |                |          | 56       | 20.78                 | 21.04  | 18.106              | 18.136  |
|               |                 |                |          | 60       | 21.04                 | 21.33  | 18.237              | 18.119  |
| 160MHz        | 6505 (Straddle) | 111            | SU       | --       | 163.70                | 164.30 | 156.130             | 156.200 |
|               |                 |                | 996+484T | 94       | 124.70                | 125.50 | 117.120             | 117.150 |
|               |                 |                |          | 95       | 170.10                | 169.80 | 157.260             | 157.170 |
|               |                 |                |          | S95      | 125.10                | 125.30 | 117.240             | 117.210 |

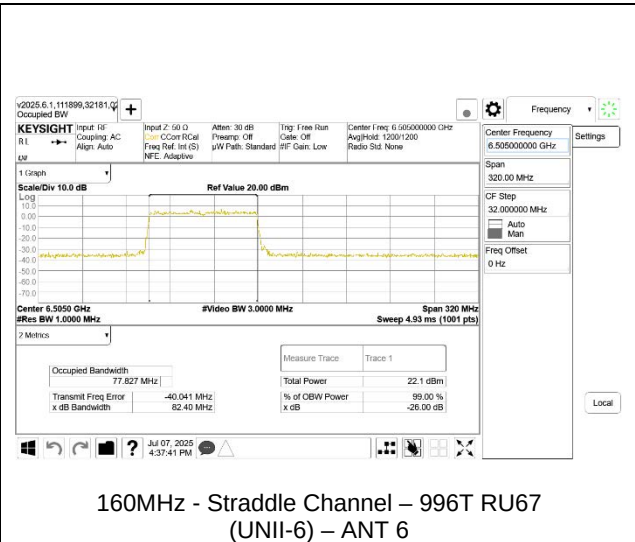
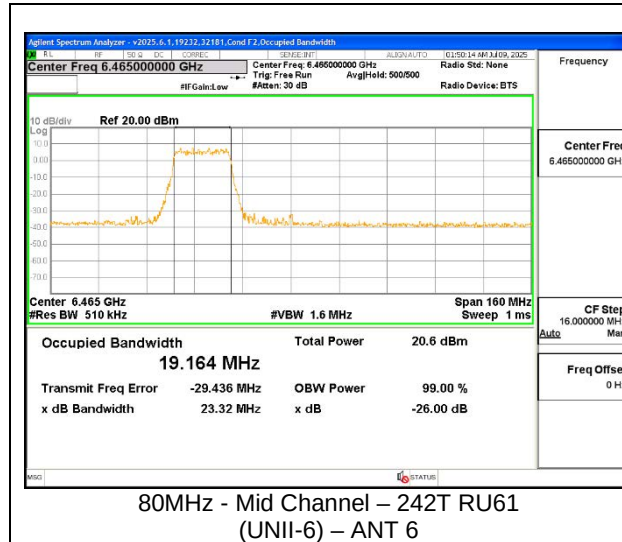




### 9.4.5. 802.11be MIMO CDD MODE IN THE UNII-6 BAND

| UNII-6<br>(MIMO CDD) | Frequency<br>(MHz) | Channel<br>Number | Tone   | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|----------------------|--------------------|-------------------|--------|-------------|-----------------------------|--------|---------------------------|---------|
|                      |                    |                   |        |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20 MHz               | 6435               | 97                | SU     | --          | 22.98                       | 22.37  | 19.028                    | 19.025  |
|                      |                    |                   | 56+26T | 70          | 20.43                       | 19.26  | 17.115                    | 16.958  |
|                      |                    |                   |        | 71          | 19.30                       | 18.46  | 17.003                    | 16.822  |
|                      |                    |                   |        | 72          | 19.90                       | 19.44  | 17.087                    | 16.964  |
|                      | 6475               | 105               | SU     | --          | 22.40                       | 22.36  | 18.995                    | 19.012  |
|                      |                    |                   | 56+26T | 70          | 20.23                       | 19.13  | 17.048                    | 16.950  |
|                      |                    |                   |        | 71          | 19.43                       | 18.34  | 17.041                    | 16.868  |
|                      |                    |                   |        | 72          | 19.54                       | 19.03  | 17.106                    | 16.778  |
|                      | 6515               | 113               | SU     | --          | 22.37                       | 22.04  | 19.057                    | 19.000  |
|                      |                    |                   | 56+26T | 70          | 19.97                       | 19.66  | 17.079                    | 16.887  |
|                      |                    |                   |        | 71          | 19.25                       | 18.43  | 17.035                    | 16.801  |
|                      |                    |                   |        | 72          | 20.09                       | 19.15  | 17.050                    | 16.938  |
| 40 MHz               | 6445               | 99                | SU     | --          | 43.23                       | 44.10  | 38.012                    | 37.926  |
|                      |                    |                   | 242T   | 61          | 23.41                       | 23.02  | 19.162                    | 19.097  |
|                      |                    |                   |        | 62          | 23.83                       | 22.54  | 19.129                    | 19.045  |
|                      | 6485               | 107               | SU     | --          | 44.12                       | 42.43  | 38.012                    | 37.984  |
|                      |                    |                   | 242T   | 61          | 23.82                       | 23.52  | 19.176                    | 19.088  |
|                      |                    |                   |        | 62          | 23.49                       | 23.14  | 19.186                    | 19.092  |
|                      | 6525<br>(Straddle) | 115               | SU     | --          | 42.76                       | 42.73  | 37.954                    | 37.892  |
|                      |                    |                   | 242T   | 61          | 23.41                       | 23.31  | 19.138                    | 19.041  |
|                      |                    |                   |        | 62          | 23.70                       | 23.11  | 19.137                    | 19.146  |
| 80 MHz               | 6465               | 103               | SU     | --          | 84.46                       | 83.66  | 77.685                    | 77.547  |
|                      |                    |                   | 242T   | 61          | 23.32                       | 23.27  | 19.164                    | 19.153  |
|                      |                    |                   |        | 62          | 23.36                       | 23.49  | 19.112                    | 19.231  |
|                      |                    |                   |        | 64          | 23.46                       | 23.51  | 19.182                    | 19.142  |
| 160 MHz              | 6505<br>(Straddle) | 111               | SU     | --          | 163.30                      | 163.10 | 156.330                   | 156.240 |
|                      |                    |                   | 996T   | 67          | 82.40                       | 82.44  | 77.827                    | 77.823  |
|                      |                    |                   |        | S67         | 82.35                       | 82.47  | 77.777                    | 77.662  |
|                      |                    |                   |        |             |                             |        |                           |         |



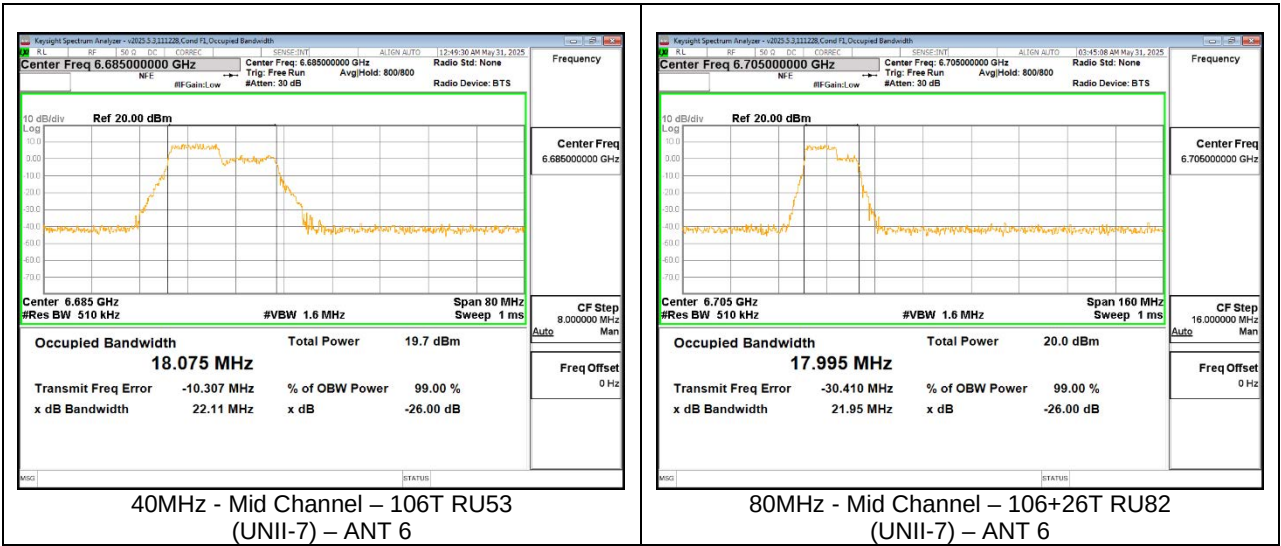


**9.4.6. 802.11be MIMO SDM MODE IN THE UNII-6 BAND**

| UNII-6<br>(MIMO SDM) | Frequency<br>(MHz) | Channel<br>Number | Tone   | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|----------------------|--------------------|-------------------|--------|-------------|-----------------------------|--------|---------------------------|---------|
|                      |                    |                   |        |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20 MHz               | 6435               | 97                | SU     | --          | 22.23                       | 21.85  | 19.020                    | 19.053  |
|                      |                    |                   | 56+26T | 70          | 20.17                       | 19.14  | 17.119                    | 16.883  |
|                      |                    |                   |        | 71          | 19.39                       | 18.50  | 16.970                    | 16.773  |
|                      |                    |                   |        | 72          | 19.60                       | 18.85  | 17.056                    | 16.876  |
|                      | 6475               | 105               | SU     | --          | 22.34                       | 22.32  | 18.994                    | 19.010  |
|                      |                    |                   | 56+26T | 70          | 19.88                       | 19.23  | 17.126                    | 16.922  |
|                      |                    |                   |        | 71          | 19.22                       | 18.45  | 17.001                    | 16.774  |
|                      |                    |                   |        | 72          | 19.39                       | 19.12  | 17.071                    | 16.973  |
|                      | 6515               | 113               | SU     | --          | 22.30                       | 22.84  | 19.026                    | 18.986  |
|                      |                    |                   | 56+26T | 70          | 20.02                       | 19.26  | 17.060                    | 16.895  |
|                      |                    |                   |        | 71          | 19.34                       | 18.53  | 17.007                    | 16.838  |
|                      |                    |                   |        | 72          | 20.09                       | 19.26  | 17.011                    | 16.885  |
| 40 MHz               | 6445               | 99                | SU     | --          | 43.95                       | 42.78  | 38.011                    | 37.901  |
|                      |                    |                   | 242T   | 61          | 23.31                       | 23.17  | 19.107                    | 19.120  |
|                      |                    |                   |        | 62          | 23.41                       | 22.91  | 19.075                    | 19.041  |
|                      | 6485               | 107               | SU     | --          | 43.15                       | 43.56  | 38.009                    | 37.935  |
|                      |                    |                   | 242T   | 61          | 23.79                       | 23.32  | 19.133                    | 19.109  |
|                      |                    |                   |        | 62          | 23.52                       | 23.28  | 19.109                    | 19.146  |
|                      | 6525<br>(Straddle) | 115               | SU     | --          | 42.86                       | 43.29  | 37.955                    | 37.949  |
|                      |                    |                   | 242T   | 61          | 23.65                       | 23.35  | 19.137                    | 19.091  |
|                      |                    |                   |        | 62          | 23.28                       | 23.41  | 19.122                    | 19.099  |
| 80 MHz               | 6465               | 103               | SU     | --          | 84.82                       | 84.05  | 77.622                    | 77.444  |
|                      |                    |                   | 242T   | 61          | 23.41                       | 23.28  | 19.230                    | 19.192  |
|                      |                    |                   |        | 62          | 23.43                       | 22.89  | 19.191                    | 19.174  |
|                      |                    |                   |        | 64          | 23.36                       | 23.10  | 19.177                    | 19.109  |
| 160 MHz              | 6505<br>(Straddle) | 111               | SU     | --          | 163.70                      | 164.10 | 156.370                   | 156.140 |
|                      |                    |                   | 996T   | 67          | 82.32                       | 82.28  | 77.648                    | 77.666  |
|                      |                    |                   |        | S67         | 82.47                       | 82.47  | 77.689                    | 77.759  |

**9.4.7. 802.11be SISO MODE IN THE UNII-7 BAND**

| UNII-7<br>(SISO) | Frequency<br>(MHz) | Channel<br>Number | Tone    | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|------------------|--------------------|-------------------|---------|-------------|-----------------------------|--------|---------------------------|---------|
|                  |                    |                   |         |             | ANT 5                       | ANT 5  | ANT 6                     | ANT 5   |
| 20 MHz           | 6535               | 117               | SU      | --          | 23.26                       | 22.78  | 18.964                    | 19.022  |
|                  |                    |                   | 106T    | 53          | 21.49                       | 21.73  | 18.274                    | 18.238  |
|                  |                    |                   |         | 54          | 20.94                       | 21.02  | 18.165                    | 18.165  |
|                  | 6715               | 153               | SU      | --          | 22.88                       | 22.58  | 19.052                    | 18.990  |
|                  |                    |                   | 106T    | 53          | 21.52                       | 21.85  | 18.275                    | 18.265  |
|                  |                    |                   |         | 54          | 21.01                       | 21.07  | 18.237                    | 18.106  |
|                  | 6875<br>(Straddle) | 185               | SU      | --          | 22.02                       | 22.59  | 18.977                    | 19.045  |
|                  |                    |                   | 106T    | 53          | 21.98                       | 21.90  | 18.263                    | 18.201  |
|                  |                    |                   |         | 54          | 20.92                       | 20.94  | 18.192                    | 18.208  |
| 40 MHz           | 6565               | 123               | SU      | --          | 42.92                       | 42.96  | 37.975                    | 37.891  |
|                  |                    |                   | 106T    | 53          | 21.94                       | 22.02  | 18.122                    | 17.991  |
|                  |                    |                   |         | 54          | 21.39                       | 21.23  | 18.422                    | 18.551  |
|                  |                    |                   |         | 56          | 21.40                       | 21.21  | 18.077                    | 17.984  |
|                  | 6685               | 147               | SU      | --          | 42.89                       | 43.28  | 37.930                    | 38.034  |
|                  |                    |                   | 106T    | 53          | 22.11                       | 22.43  | 18.075                    | 18.108  |
|                  |                    |                   |         | 54          | 21.35                       | 21.45  | 18.598                    | 18.608  |
|                  |                    |                   |         | 56          | 21.66                       | 21.18  | 18.060                    | 18.066  |
|                  | 6845               | 179               | SU      | --          | 43.45                       | 43.45  | 37.925                    | 37.981  |
|                  |                    |                   | 106T    | 53          | 22.27                       | 22.20  | 18.162                    | 18.085  |
|                  |                    |                   |         | 54          | 21.71                       | 21.50  | 18.719                    | 18.761  |
|                  |                    |                   |         | 56          | 20.98                       | 21.06  | 18.064                    | 18.105  |
| 80 MHz           | 6545<br>(Straddle) | 119               | SU      | --          | 84.27                       | 84.68  | 77.293                    | 77.567  |
|                  |                    |                   | 106+26T | 82          | 22.45                       | 20.90  | 18.144                    | 18.098  |
|                  |                    |                   |         | 85          | 21.27                       | 21.42  | 18.134                    | 17.958  |
|                  |                    |                   |         | 89          | 21.40                       | 21.59  | 17.951                    | 18.081  |
|                  | 6705               | 151               | SU      | --          | 85.68                       | 85.06  | 77.501                    | 77.534  |
|                  |                    |                   | 106+26T | 82          | 21.95                       | 22.27  | 17.995                    | 18.151  |
|                  |                    |                   |         | 85          | 21.86                       | 21.27  | 18.004                    | 17.995  |
|                  |                    |                   |         | 89          | 21.10                       | 21.53  | 18.036                    | 18.107  |
|                  | 6865<br>(Straddle) | 183               | SU      | --          | 83.90                       | 83.96  | 77.421                    | 77.422  |
|                  |                    |                   | 106+26T | 82          | 22.21                       | 21.63  | 17.984                    | 18.085  |
|                  |                    |                   |         | 85          | 21.23                       | 21.41  | 18.079                    | 18.037  |
|                  |                    |                   |         | 89          | 20.87                       | 21.69  | 18.048                    | 18.079  |
| 160 MHz          | 6665               | 143               | SU      | --          | 163.30                      | 163.20 | 156.300                   | 156.240 |
|                  |                    |                   | 996T    | 67          | 85.66                       | 84.13  | 77.676                    | 77.760  |
|                  |                    |                   |         | S67         | 85.60                       | 84.46  | 77.699                    | 77.785  |
|                  | 6825<br>(Straddle) | 175               | SU      | --          | 164.50                      | 164.80 | 156.500                   | 156.670 |
|                  |                    |                   | 996T    | 67          | 84.24                       | 84.61  | 77.766                    | 77.853  |
|                  |                    |                   |         | S67         | 84.50                       | 84.32  | 77.729                    | 77.885  |





**9.4.8. 802.11be MIMO CDD MODE IN THE UNII-7 BAND**

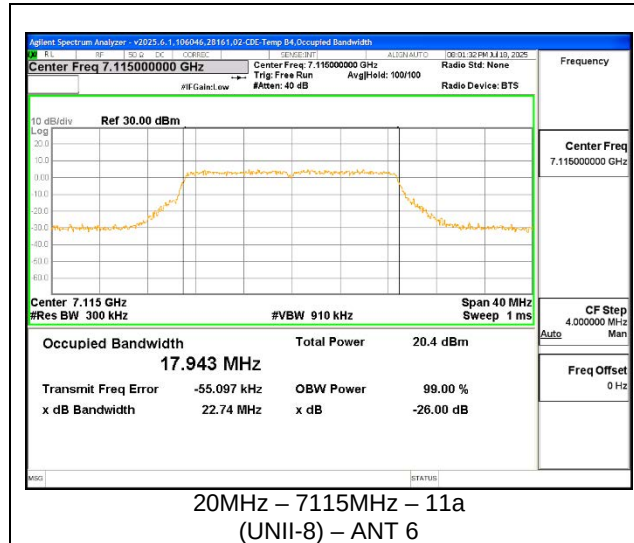
| UNII-7<br>(MIMO CDD) | Frequency<br>(MHz) | Channel<br>Number | Tone     | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|----------------------|--------------------|-------------------|----------|-------------|-----------------------------|--------|---------------------------|---------|
|                      |                    |                   |          |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20 MHz               | 6535               | 117               | SU       | --          | 22.40                       | 22.22  | 19.015                    | 18.971  |
|                      |                    |                   | 106+26T  | 82          | 21.65                       | 21.02  | 18.229                    | 18.071  |
|                      |                    |                   |          | 83          | 21.08                       | 20.49  | 18.095                    | 18.148  |
|                      | 6715               | 153               | SU       | --          | 22.60                       | 22.30  | 18.989                    | 19.027  |
|                      |                    |                   | 106+26T  | 82          | 21.62                       | 20.86  | 18.175                    | 18.117  |
|                      |                    |                   |          | 83          | 21.25                       | 21.03  | 18.123                    | 18.121  |
|                      | 6875<br>(Straddle) | 185               | SU       | --          | 22.67                       | 22.09  | 18.997                    | 19.019  |
|                      |                    |                   | 106+26T  | 82          | 21.77                       | 21.08  | 18.148                    | 18.026  |
|                      |                    |                   |          | 83          | 20.67                       | 20.55  | 18.097                    | 17.956  |
| 40 MHz               | 6565               | 123               | SU       | --          | 43.11                       | 42.75  | 38.047                    | 37.934  |
|                      |                    |                   | 106T     | 53          | 21.86                       | 21.49  | 18.102                    | 17.962  |
|                      |                    |                   |          | 54          | 21.46                       | 21.18  | 18.656                    | 18.597  |
|                      |                    |                   |          | 56          | 21.59                       | 20.78  | 18.122                    | 17.988  |
|                      | 6685               | 147               | SU       | --          | 43.71                       | 42.80  | 37.946                    | 38.013  |
|                      |                    |                   | 106T     | 53          | 21.98                       | 21.13  | 18.064                    | 17.954  |
|                      |                    |                   |          | 54          | 21.34                       | 21.15  | 18.672                    | 18.452  |
|                      |                    |                   |          | 56          | 21.04                       | 20.76  | 18.094                    | 18.056  |
|                      | 6845               | 179               | SU       | --          | 43.53                       | 42.71  | 37.838                    | 37.915  |
|                      |                    |                   | 106T     | 53          | 22.41                       | 21.20  | 18.049                    | 17.924  |
|                      |                    |                   |          | 54          | 21.34                       | 21.19  | 18.672                    | 18.503  |
|                      |                    |                   |          | 56          | 21.19                       | 20.80  | 17.981                    | 17.950  |
| 80 MHz               | 6545<br>(Straddle) | 119               | SU       | --          | 84.76                       | 83.65  | 77.381                    | 77.490  |
|                      |                    |                   | 484+242T | 90          | 66.19                       | 65.26  | 58.571                    | 58.530  |
|                      |                    |                   |          | 92          | 83.89                       | 84.41  | 77.932                    | 77.896  |
|                      |                    |                   |          | 93          | 66.56                       | 66.46  | 58.515                    | 58.597  |
|                      | 6705               | 151               | SU       | --          | 84.36                       | 84.92  | 77.570                    | 77.483  |
|                      |                    |                   | 484+242T | 90          | 65.53                       | 65.49  | 58.561                    | 58.623  |
|                      |                    |                   |          | 92          | 84.34                       | 83.68  | 78.066                    | 77.828  |
|                      |                    |                   |          | 93          | 67.16                       | 65.97  | 58.679                    | 58.620  |
|                      | 6865<br>(Straddle) | 183               | SU       | --          | 84.43                       | 82.76  | 77.356                    | 77.598  |
|                      |                    |                   | 484+242T | 90          | 66.30                       | 66.32  | 58.560                    | 58.624  |
|                      |                    |                   |          | 92          | 83.93                       | 83.26  | 77.820                    | 77.968  |
|                      |                    |                   |          | 93          | 68.51                       | 66.28  | 58.777                    | 58.666  |
| 160 MHz              | 6665               | 143               | SU       | --          | 164.30                      | 163.80 | 156.100                   | 156.330 |
|                      |                    |                   | 996+484T | 94          | 124.10                      | 123.10 | 117.020                   | 117.180 |
|                      |                    |                   |          | 95          | 163.90                      | 164.00 | 157.100                   | 157.160 |
|                      |                    |                   |          | S95         | 124.10                      | 124.60 | 117.110                   | 117.260 |
|                      | 6825<br>(Straddle) | 175               | SU       | --          | 163.40                      | 164.00 | 156.750                   | 156.580 |
|                      |                    |                   | 996+484T | 94          | 123.50                      | 124.30 | 116.930                   | 117.290 |
|                      |                    |                   |          | 95          | 164.40                      | 163.60 | 157.290                   | 157.360 |
|                      |                    |                   |          | S95         | 123.80                      | 124.20 | 117.200                   | 117.460 |

**9.4.9. 802.11be MIMO SDM MODE IN THE UNII-7 BAND**

| UNII-7<br>(MIMO CDD) | Frequency<br>(MHz) | Channel<br>Number | Tone     | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|----------------------|--------------------|-------------------|----------|-------------|-----------------------------|--------|---------------------------|---------|
|                      |                    |                   |          |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20 MHz               | 6535               | 117               | SU       | --          | 22.33                       | 21.73  | 18.992                    | 19.016  |
|                      |                    |                   | 106+26T  | 82          | 22.01                       | 20.83  | 18.211                    | 18.064  |
|                      |                    |                   |          | 83          | 21.24                       | 20.81  | 18.045                    | 18.118  |
|                      | 6715               | 153               | SU       | --          | 22.46                       | 22.18  | 18.987                    | 18.990  |
|                      |                    |                   | 106+26T  | 82          | 21.89                       | 20.82  | 18.203                    | 18.124  |
|                      |                    |                   |          | 83          | 21.14                       | 20.59  | 18.173                    | 18.131  |
|                      | 6875<br>(Straddle) | 185               | SU       | --          | 22.32                       | 21.92  | 19.017                    | 18.971  |
|                      |                    |                   | 106+26T  | 82          | 21.67                       | 20.94  | 18.252                    | 18.102  |
|                      |                    |                   |          | 83          | 20.80                       | 20.85  | 18.120                    | 18.017  |
| 40 MHz               | 6565               | 123               | SU       | --          | 42.72                       | 44.41  | 37.999                    | 37.872  |
|                      |                    |                   | 106T     | 53          | 21.81                       | 21.55  | 18.037                    | 18.062  |
|                      |                    |                   |          | 54          | 21.37                       | 21.05  | 18.645                    | 18.365  |
|                      |                    |                   |          | 56          | 21.26                       | 20.48  | 18.072                    | 17.931  |
|                      | 6685               | 147               | SU       | --          | 42.29                       | 43.30  | 38.046                    | 38.030  |
|                      |                    |                   | 106T     | 53          | 22.12                       | 21.05  | 18.231                    | 17.994  |
|                      |                    |                   |          | 54          | 21.67                       | 21.52  | 18.688                    | 18.599  |
|                      |                    |                   |          | 56          | 21.35                       | 20.70  | 18.128                    | 17.976  |
|                      | 6845               | 179               | SU       | --          | 43.16                       | 42.26  | 37.950                    | 37.959  |
|                      |                    |                   | 106T     | 53          | 22.11                       | 21.38  | 18.031                    | 17.964  |
|                      |                    |                   |          | 54          | 21.44                       | 21.27  | 18.668                    | 18.593  |
|                      |                    |                   |          | 56          | 21.42                       | 21.21  | 18.091                    | 18.027  |
| 80 MHz               | 6545<br>(Straddle) | 119               | SU       | --          | 84.98                       | 84.49  | 77.538                    | 77.518  |
|                      |                    |                   | 484+242T | 90          | 66.07                       | 64.45  | 58.552                    | 58.421  |
|                      |                    |                   |          | 92          | 84.12                       | 84.59  | 77.772                    | 77.828  |
|                      |                    |                   |          | 93          | 66.03                       | 64.99  | 58.552                    | 58.434  |
|                      | 6705               | 151               | SU       | --          | 83.19                       | 83.89  | 77.483                    | 77.439  |
|                      |                    |                   | 484+242T | 90          | 66.05                       | 67.77  | 58.610                    | 58.566  |
|                      |                    |                   |          | 92          | 84.43                       | 83.94  | 78.008                    | 77.799  |
|                      |                    |                   |          | 93          | 67.26                       | 67.02  | 58.577                    | 58.560  |
|                      | 6865<br>(Straddle) | 183               | SU       | --          | 84.92                       | 83.70  | 77.459                    | 77.585  |
|                      |                    |                   | 484+242T | 90          | 68.86                       | 65.22  | 58.699                    | 58.567  |
|                      |                    |                   |          | 92          | 84.41                       | 83.23  | 78.067                    | 77.780  |
|                      |                    |                   |          | 93          | 65.59                       | 64.72  | 58.559                    | 58.641  |
| 160 MHz              | 6665               | 143               | SU       | --          | 163.90                      | 164.20 | 155.970                   | 156.390 |
|                      |                    |                   | 996+484T | 94          | 122.80                      | 123.40 | 117.350                   | 117.320 |
|                      |                    |                   |          | 95          | 164.00                      | 163.90 | 157.160                   | 157.160 |
|                      |                    |                   |          | S95         | 125.50                      | 122.90 | 117.420                   | 117.320 |
|                      | 6825<br>(Straddle) | 175               | SU       | --          | 163.20                      | 163.90 | 156.560                   | 156.410 |
|                      |                    |                   | 996+484T | 94          | 124.30                      | 124.30 | 117.260                   | 117.430 |
|                      |                    |                   |          | 95          | 163.80                      | 163.80 | 157.510                   | 157.110 |
|                      |                    |                   |          | S95         | 125.00                      | 123.90 | 117.270                   | 117.270 |

**9.4.10. 802.11a SISO MODE IN THE UNII-8 BAND**

| UNII-8 (SISO) | Frequency (MHz) | Channel Number | Mode | 26 dB Bandwidth (MHz) |       | 99% Bandwidth (MHz) |        |
|---------------|-----------------|----------------|------|-----------------------|-------|---------------------|--------|
|               |                 |                |      | ANT 6                 | ANT 5 | ANT 6               | ANT 5  |
| 20MHz         | 6895            | 189            | 11a  | 22.55                 | 22.52 | 17.907              | 17.931 |
|               | 6995            | 209            |      | 21.94                 | 22.17 | 17.993              | 17.939 |
|               | 7115            | 233            |      | 22.74                 | 22.41 | 17.943              | 18.067 |



**9.4.11. 802.11be SISO MODE IN THE UNII-8 BAND**

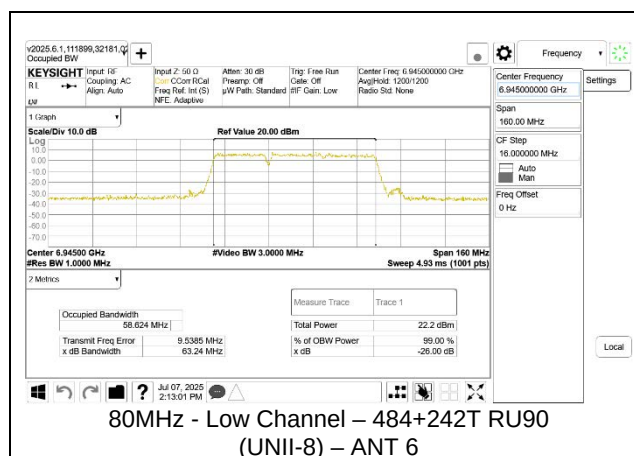
| UNII-8<br>(SISO) | Frequency<br>(MHz) | Channel<br>Number | Tone    | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|------------------|--------------------|-------------------|---------|-------------|-----------------------------|--------|---------------------------|---------|
|                  |                    |                   |         |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20 MHz           | 6895               | 189               | SU      | --          | 22.72                       | 22.64  | 19.070                    | 19.024  |
|                  |                    |                   | 106+26T | 82          | 22.05                       | 22.05  | 18.251                    | 18.253  |
|                  |                    |                   |         | 83          | 21.27                       | 20.80  | 18.108                    | 18.159  |
|                  | 6995               | 209               | SU      | --          | 22.30                       | 22.82  | 18.988                    | 19.059  |
|                  |                    |                   | 106+26T | 82          | 21.79                       | 21.65  | 18.245                    | 18.245  |
|                  |                    |                   |         | 83          | 21.12                       | 21.03  | 18.155                    | 18.098  |
|                  | 7095               | 229               | SU      | --          | 21.95                       | 22.62  | 19.029                    | 18.984  |
|                  |                    |                   | 106+26T | 82          | 21.71                       | 21.99  | 18.237                    | 18.219  |
|                  |                    |                   |         | 83          | 21.16                       | 21.02  | 18.169                    | 18.198  |
| 40 MHz           | 6885<br>(Straddle) | 187               | SU      | --          | 42.87                       | 43.55  | 37.948                    | 38.026  |
|                  |                    |                   | 106T    | 53          | 22.36                       | 22.14  | 18.131                    | 18.070  |
|                  |                    |                   |         | 54          | 21.71                       | 21.58  | 18.666                    | 18.656  |
|                  |                    |                   |         | 56          | 22.33                       | 22.60  | 18.707                    | 18.737  |
|                  | 6965               | 203               | SU      | --          | 43.37                       | 43.93  | 37.992                    | 37.917  |
|                  |                    |                   | 106T    | 53          | 22.27                       | 22.17  | 18.018                    | 18.091  |
|                  |                    |                   |         | 54          | 21.66                       | 21.65  | 18.540                    | 18.670  |
|                  |                    |                   |         | 56          | 22.54                       | 22.36  | 18.719                    | 18.693  |
|                  | 7085               | 227               | SU      | --          | 43.82                       | 43.82  | 38.023                    | 37.873  |
|                  |                    |                   | 106T    | 53          | 21.78                       | 21.78  | 18.118                    | 18.089  |
|                  |                    |                   |         | 54          | 21.97                       | 21.38  | 18.690                    | 18.650  |
|                  |                    |                   |         | 56          | 22.16                       | 22.83  | 18.754                    | 18.705  |
| 80 MHz           | 6945               | 199               | SU      | --          | 84.67                       | 84.96  | 77.512                    | 77.409  |
|                  |                    |                   | 484T    | 65          | 45.19                       | 44.26  | 38.151                    | 38.223  |
|                  |                    |                   |         | 66          | 44.20                       | 43.86  | 38.101                    | 38.142  |
|                  | 7025               | 215               | SU      | --          | 84.39                       | 84.48  | 77.608                    | 77.567  |
|                  |                    |                   | 484T    | 65          | 45.34                       | 44.57  | 38.121                    | 38.138  |
|                  |                    |                   |         | 66          | 44.53                       | 44.80  | 38.170                    | 38.147  |
| 160 MHz          | 6985               | 207               | SU      | --          | 163.60                      | 163.80 | 156.510                   | 156.410 |
|                  |                    |                   | 996T    | 67          | 82.32                       | 82.49  | 77.709                    | 77.584  |
|                  |                    |                   |         | S67         | 82.45                       | 82.58  | 77.534                    | 77.617  |

**9.4.12. 802.11a MIMO MODE IN THE UNII-8 BAND**

| UNII-8<br>(MIMO) | Frequency<br>(MHz) | Channel<br>Number | Mode | 26 dB<br>Bandwidth<br>(MHz) |       | 99%<br>Bandwidth<br>(MHz) |        |
|------------------|--------------------|-------------------|------|-----------------------------|-------|---------------------------|--------|
|                  |                    |                   |      | ANT 6                       | ANT 5 | ANT 6                     | ANT 5  |
| 20MHz            | 7115               | 233               | 11a  | 22.72                       | 23.19 | 18.011                    | 17.919 |

### 9.4.13. 802.11be MIMO CDD MODE IN THE UNII-8 BAND

| UNII-8<br>(MIMO CDD) | Frequency<br>(MHz) | Channel<br>Number | Tone     | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|----------------------|--------------------|-------------------|----------|-------------|-----------------------------|--------|---------------------------|---------|
|                      |                    |                   |          |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20 MHz               | 6895               | 189               | SU       | --          | 22.74                       | 22.36  | 19.025                    | 19.006  |
|                      |                    |                   | 106+26T  | 82          | 21.89                       | 20.78  | 18.250                    | 18.120  |
|                      |                    |                   |          | 83          | 21.01                       | 20.66  | 18.183                    | 18.091  |
|                      | 6995               | 209               | SU       | --          | 22.24                       | 22.69  | 18.797                    | 19.027  |
|                      |                    |                   | 106+26T  | 82          | 21.89                       | 20.92  | 18.232                    | 18.104  |
|                      |                    |                   |          | 83          | 21.07                       | 20.59  | 18.149                    | 18.110  |
|                      | 7095               | 229               | SU       | --          | 22.32                       | 22.21  | 19.005                    | 19.085  |
|                      |                    |                   | 106+26T  | 82          | 22.17                       | 20.75  | 18.236                    | 18.098  |
|                      |                    |                   |          | 83          | 21.31                       | 20.58  | 18.097                    | 18.178  |
| 40 MHz               | 6885<br>(Straddle) | 187               | SU       | --          | 44.45                       | 41.97  | 37.920                    | 37.910  |
|                      |                    |                   | 242T     | 61          | 23.42                       | 23.12  | 19.182                    | 19.003  |
|                      |                    |                   |          | 62          | 23.98                       | 23.24  | 19.196                    | 19.075  |
|                      | 6965               | 203               | SU       | --          | 42.93                       | 43.05  | 37.852                    | 37.961  |
|                      |                    |                   | 242T     | 61          | 23.35                       | 22.93  | 19.078                    | 19.050  |
|                      |                    |                   |          | 62          | 23.39                       | 22.88  | 19.092                    | 18.082  |
|                      | 7085               | 227               | SU       | --          | 43.13                       | 42.03  | 37.909                    | 37.960  |
|                      |                    |                   | 242T     | 61          | 23.24                       | 23.32  | 19.150                    | 19.057  |
|                      |                    |                   |          | 62          | 23.80                       | 23.14  | 19.097                    | 19.068  |
| 80 MHz               | 6945               | 199               | SU       | --          | 84.88                       | 83.38  | 77.743                    | 77.756  |
|                      |                    |                   | 484+242T | 90          | 63.24                       | 63.18  | 58.624                    | 58.581  |
|                      |                    |                   |          | 92          | 82.34                       | 82.20  | 78.014                    | 77.921  |
|                      | 7025               | 215               | 484+242T | 93          | 63.30                       | 62.80  | 58.582                    | 58.503  |
|                      |                    |                   |          | --          | 84.17                       | 83.97  | 77.598                    | 77.509  |
|                      |                    |                   | 484+242T | 90          | 63.46                       | 62.82  | 58.538                    | 58.533  |
|                      |                    |                   |          | 92          | 82.46                       | 82.12  | 77.964                    | 77.940  |
|                      |                    |                   |          | 93          | 63.17                       | 63.49  | 58.616                    | 58.644  |
|                      |                    |                   |          | --          | 163.60                      | 163.80 | 156.580                   | 157.010 |
| 160 MHz              | 6985               | 207               | SU       | --          | 163.60                      | 163.80 | 156.580                   | 157.010 |
|                      |                    |                   | 996+484T | 94          | 125.40                      | 124.90 | 117.190                   | 117.220 |
|                      |                    |                   |          | 95          | 171.90                      | 170.70 | 157.560                   | 157.360 |
|                      |                    |                   |          | S95         | 125.50                      | 125.20 | 117.340                   | 117.250 |



**9.4.14. 802.11be MIMO SDM MODE IN THE UNII-8 BAND**

| UNII-8<br>(MIMO SDM) | Frequency<br>(MHz) | Channel<br>Number | Tone     | RU<br>Index | 26 dB<br>Bandwidth<br>(MHz) |        | 99%<br>Bandwidth<br>(MHz) |         |
|----------------------|--------------------|-------------------|----------|-------------|-----------------------------|--------|---------------------------|---------|
|                      |                    |                   |          |             | ANT 6                       | ANT 5  | ANT 6                     | ANT 5   |
| 20MHz                | 6895               | 189               | SU       | --          | 22.42                       | 22.17  | 19.048                    | 18.977  |
|                      |                    |                   | 106+26T  | 82          | 21.99                       | 20.78  | 18.244                    | 18.080  |
|                      |                    |                   |          | 83          | 21.56                       | 20.63  | 18.163                    | 18.054  |
|                      | 6995               | 209               | SU       | --          | 22.37                       | 21.86  | 18.989                    | 19.028  |
|                      |                    |                   | 106+26T  | 82          | 21.98                       | 20.64  | 18.233                    | 18.130  |
|                      |                    |                   |          | 83          | 21.12                       | 20.52  | 18.113                    | 18.103  |
|                      | 7095               | 229               | SU       | --          | 22.91                       | 21.68  | 18.976                    | 18.966  |
|                      |                    |                   | 106+26T  | 82          | 21.82                       | 20.77  | 18.210                    | 18.109  |
|                      |                    |                   |          | 83          | 21.29                       | 20.39  | 18.154                    | 18.124  |
| 40MHz                | 6885<br>(Straddle) | 187               | SU       | --          | 43.73                       | 42.67  | 38.022                    | 38.056  |
|                      |                    |                   | 242T     | 61          | 23.61                       | 23.24  | 19.146                    | 19.106  |
|                      |                    |                   |          | 62          | 23.38                       | 23.28  | 19.125                    | 19.105  |
|                      | 6965               | 203               | SU       | --          | 43.94                       | 42.29  | 37.950                    | 37.930  |
|                      |                    |                   | 242T     | 61          | 23.60                       | 23.13  | 19.134                    | 19.047  |
|                      |                    |                   |          | 62          | 23.29                       | 23.39  | 19.186                    | 19.113  |
|                      | 7085               | 227               | SU       | --          | 43.01                       | 42.67  | 38.050                    | 38.039  |
|                      |                    |                   | 242T     | 61          | 23.03                       | 23.17  | 19.155                    | 19.083  |
|                      |                    |                   |          | 62          | 23.86                       | 22.98  | 19.119                    | 19.194  |
| 80MHz                | 6945               | 199               | SU       | --          | 84.16                       | 84.68  | 77.524                    | 77.537  |
|                      |                    |                   | 484+242T | 90          | 63.23                       | 63.01  | 58.751                    | 58.510  |
|                      |                    |                   |          | 92          | 82.39                       | 82.22  | 78.017                    | 77.992  |
|                      |                    |                   |          | 93          | 63.21                       | 63.45  | 58.669                    | 58.718  |
|                      | 7025               | 215               | SU       | --          | 84.67                       | 82.80  | 77.520                    | 77.532  |
|                      |                    |                   | 484+242T | 90          | 62.12                       | 63.65  | 58.699                    | 58.564  |
|                      |                    |                   |          | 92          | 82.06                       | 82.63  | 77.911                    | 77.993  |
| 160MHz               | 6985               | 207               | SU       | --          | 164.30                      | 163.40 | 156.580                   | 156.490 |
|                      |                    |                   | 996+484T | 94          | 124.90                      | 124.80 | 117.380                   | 117.170 |
|                      |                    |                   |          | 95          | 171.50                      | 170.80 | 157.360                   | 157.160 |
|                      |                    |                   |          | S95         | 125.10                      | 124.80 | 117.220                   | 117.240 |
|                      |                    |                   |          |             |                             |        |                           |         |

## 9.5. LP OUTPUT POWER AND PSD

### LIMITS

#### **FCC §15.407**

Band 5.925-7.125 GHz

(8) For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum power spectral density must not exceed  $-1$  dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

### TEST PROCEDURE

Conducted Output Power: KDB 789033 D02, Section II E.3.b (Method PM-G)

Since the gated power measurement is used, the calculation of EIRP power does not include any corrections for duty cycle correction factor.

The measurement method used for power spectral density is KDB 789033 D02, Section F.

### RESULTS

The plots in these sections are for reference settings only for different bandwidths and different antennas.



**DIRECTIONAL ANTENNA GAIN**

For 1 TX:

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

For 2 TX:

CDD MIMO Tx chains used uncorrelated gain for EIRP calculation and correlated gain for PSD EIRP calculation; SDM MIMO Tx chains used uncorrelated for both EIRP and PSD EIRP calculation. For the straddle channels, the higher antenna gains were chosen between two bands where straddle channels are located. The directional gains are as follows:

| Frequency Range (MHz)          | Sub-band (MHz)              | Antenna 6 (dBi) | Antenna 5 (dBi) | Uncorrelated Chains (dBi) | Correlated Chains (dBi) |
|--------------------------------|-----------------------------|-----------------|-----------------|---------------------------|-------------------------|
| 5925 - 6425<br>UNII-5          | Sub-band 1<br>(5955 - 6095) | -0.70           | -2.40           | -1.47                     | 1.50                    |
|                                | Sub-band 2<br>(6115 - 6255) | -0.80           | -2.40           | -1.53                     | 1.45                    |
|                                | Sub-band 3<br>(6275 - 6415) | -0.30           | -2.40           | -1.22                     | 1.72                    |
| 6425 - 6525<br>UNII-6          | N/A                         | -1.60           | -2.00           | -1.80                     | 1.21                    |
| UNII-6/7<br>(Straddle Channel) | N/A                         | -0.10           | 0.60            | 0.26                      | 3.27                    |
| 6525 - 6875<br>UNII-7          | N/A                         | -0.10           | 0.60            | 0.26                      | 3.27                    |
| UNII-7/8<br>(Straddle Channel) | N/A                         | -0.10           | 0.60            | 0.26                      | 3.27                    |
| 6875 - 7125<br>UNII-8          | N/A                         | -0.70           | -2.60           | -1.55                     | 1.41                    |

**Directional Gain Calculation:**

ANSI C63.10 section 14.4.3

Uncorrelated directional Gain =  $10 \cdot \text{LOG}((10^{(\text{Ant6}/10)} + 10^{(\text{Ant5}/10)})/2)$

Correlated directional Gain =  $10 \cdot \text{LOG}(((10^{(\text{Ant6}/20)} + 10^{(\text{Ant5}/20)})^2)/2)$

Sample Calculation at UNII-5 Band:

ANT 6 = -0.70 dBi

ANT 5 = -2.40 dBi

Uncorrelated Antenna Gain =  $10 \log[(10^{(-0.70/10)} + 10^{(-2.40/10)})/2] = -1.47 \text{ dBi}$

Correlated Antenna Gain =  $10 \log[(10^{(-0.70/20)} + 10^{(-2.40/20)})^2/2] = 1.50 \text{ dBi}$

**EIRP Power Calculation:****1Tx**

EIRP corr'd power = Ant6 + Antenna Gain

Sample Calculation at UNII-5 Band:

Ant6 (5955MHz, RU82) Power = 6.32 dBm

EIRP corr'd power = 6.32 + (-0.70) = 5.62 dBm

**2Tx**

EIRP corr'd power =  $10 \cdot \log(10^{(\text{Ant6}/10)} + 10^{(\text{Ant5}/10)})$  + uncorrelated directional gain

Sample Calculation at UNII-5 Band:

Ant6 (5955MHz, RU82) Power = 0.71 dBm

Ant5 (5955MHz, RU82) Power = 0.73 dBm

EIRP corr'd power =  $10 \cdot \log(10^{(0.71/10)} + 10^{(0.73/10)})$  + (-1.47) = 2.26 dBm

**EIRP PSD Calculation:****1Tx**

EIRP corr'd PSD = DCCF + Ant6 + Antenna Gain

Sample Calculation at UNII-5 Band:

Ant6 (5955MHz, RU82) PSD = -2.900 dBm/1MHz

EIRP corr'd PSD = 0 + (-2.900) + (-0.70) = -3.600 dBm/1MHz

**2Tx (CDD)**

EIRP corr'd PSD =  $(10 \cdot \log(10^{((\text{DCCF} + \text{Ant6})/10)} + 10^{((\text{DCCF} + \text{Ant5})/10)}))$  + correlated directional gain

Sample Calculation at UNII-5 Band:

Ant6 (5955MHz, RU82) PSD = -8.138 dBm/1MHz

Ant5 (5955MHz, RU82) PSD = -8.220 dBm/1MHz

EIRP corr'd PSD =  $(10 \cdot \log(10^{((0 + (-8.138))/10)} + 10^{((0 + (-8.220))/10)}))$  + (1.50) = -3.669 dBm/1MHz

**2Tx (SDM)**

EIRP corr'd PSD =  $(10 \cdot \log(10^{((\text{DCCF} + \text{Ant6})/10)} + 10^{((\text{DCCF} + \text{Ant5})/10)}))$  + uncorrelated directional gain

Sample Calculation at UNII-5 Band:

Ant6 (5955MHz, RU82) PSD = -5.979 dBm/1MHz

Ant5 (5955MHz, RU82) PSD = -5.690 dBm/1MHz

EIRP corr'd PSD =  $(10 \cdot \log(10^{((0 + (-5.979))/10)} + 10^{((0 + (-5.690))/10)}))$  + (-1.47) = -4.292 dBm/1MHz

### 9.5.1. 802.11a SISO MODE IN THE UNII-5 BAND – LOW POWER

| UNII-5 (SISO) | Duty Factor (dB) | ANT 6 Gain (dBi) | ANT 5 Gain (dBi) | Frequency (MHz) | Channel Number | Mode | Conducted Power (Gated) (dBm) |       | EIRP Power (Limit = 24dBm EIRP) |       | Conducted PSD (dBm/MHz) |        | EIRP PSD (Limit = -1 dBm/MHz EIRP) |        |
|---------------|------------------|------------------|------------------|-----------------|----------------|------|-------------------------------|-------|---------------------------------|-------|-------------------------|--------|------------------------------------|--------|
|               |                  |                  |                  |                 |                |      | ANT 6                         | ANT 5 | ANT 6                           | ANT 5 | ANT 6                   | ANT 5  | ANT 6                              | ANT 5  |
| 20MHz         | 0                | -0.7             | -2.4             | 5975            | 5              | 11a  | 10.15                         | 11.67 | 9.45                            | 9.27  | -1.578                  | -0.063 | -2.278                             | -2.463 |

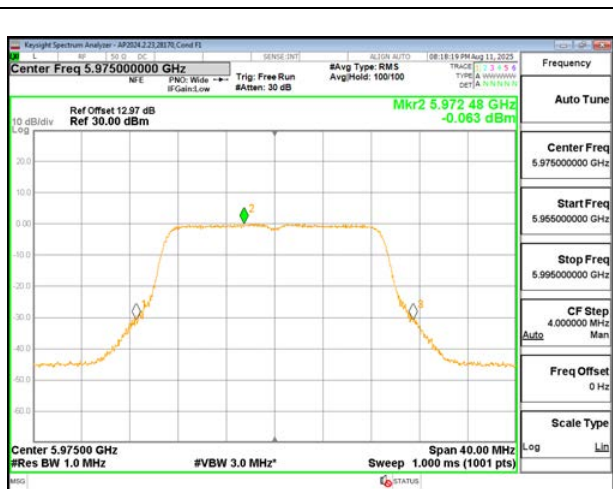
#### Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm) + Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)



20MHz – 5975MHz – 11a  
(UNII-5) – ANT 6



20MHz – 5975MHz – 11a  
(UNII-5) – ANT 5

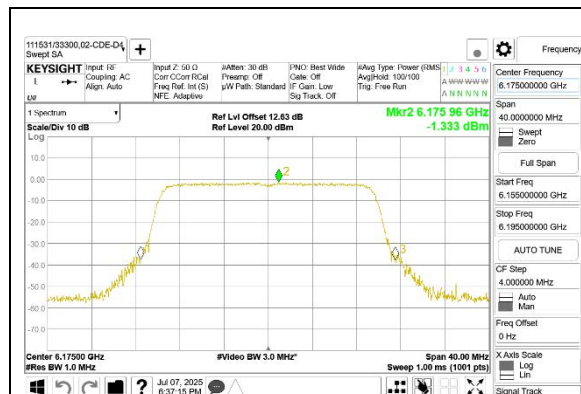
### 9.5.2. 802.11be SISO MODE IN THE UNII-5 BAND – LOW POWER

| LP<br>UNII-5<br>(SISO) | Duty Factor<br>(dB) |               | ANT 6<br>Gain<br>(dBi) | ANT 5<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone   | RU<br>Index | Conducted<br>Power (Gated)<br>(dBm) |       | EIRP<br>Power<br>(Limit = 24dBm EIRP) |       | Conducted<br>PSD<br>(dBm/MHz) |        | EIRP<br>PSD<br>(Limit = -1 dBm/MHz EIRP) |        |
|------------------------|---------------------|---------------|------------------------|------------------------|--------------------|-------------------|--------|-------------|-------------------------------------|-------|---------------------------------------|-------|-------------------------------|--------|------------------------------------------|--------|
|                        | SU                  | Partial<br>RU |                        |                        |                    |                   |        |             | ANT 6                               | ANT 5 | ANT 6                                 | ANT 5 | ANT 6                         | ANT 5  | ANT 6                                    | ANT 5  |
| 20MHz                  | 0                   | 0             | -0.70                  | -2.40                  | 5955               | 1                 | SU     | --          | 9.30                                | 10.81 | 8.60                                  | 8.41  | -2.341                        | -0.827 | -3.041                                   | -3.227 |
|                        |                     |               |                        |                        |                    |                   | 106+26 | 82          | 6.32                                | 7.57  | 5.62                                  | 5.17  | -2.900                        | -1.573 | -3.600                                   | -3.973 |
|                        |                     |               |                        |                        |                    |                   | 83     | 6.29        | 7.66                                | 5.59  | 5.26                                  | 5.26  | -2.515                        | -1.318 | -3.215                                   | -3.718 |
|                        |                     |               | -0.70                  | -2.40                  | 5975               | 5                 | SU     | --          | 10.14                               | 11.55 | 9.44                                  | 9.15  | -1.303                        | 0.257  | -2.003                                   | -2.143 |
|                        |                     |               |                        |                        |                    |                   | 106+26 | 82          | 7.52                                | 9.14  | 6.82                                  | 6.74  | -1.186                        | 0.411  | -1.886                                   | -1.989 |
|                        |                     |               |                        |                        |                    |                   | 83     | 7.53        | 9.16                                | 6.83  | 6.76                                  | 6.76  | -1.485                        | 0.154  | -2.185                                   | -2.246 |
|                        |                     |               | -0.80                  | -2.40                  | 6175               | 45                | SU     | --          | 9.90                                | 11.65 | 9.10                                  | 9.25  | -1.333                        | 0.513  | -2.133                                   | -1.887 |
|                        |                     |               |                        |                        |                    |                   | 106+26 | 82          | 7.52                                | 9.16  | 6.72                                  | 6.76  | -1.404                        | 0.418  | -2.204                                   | -1.982 |
|                        |                     |               |                        |                        |                    |                   | 83     | 7.52        | 9.11                                | 6.72  | 6.71                                  | 6.71  | -1.108                        | 0.352  | -1.908                                   | -2.048 |
|                        |                     |               | -0.30                  | -2.40                  | 6415               | 93                | SU     | --          | 9.71                                | 11.57 | 9.41                                  | 9.17  | -1.658                        | 0.327  | -1.958                                   | -2.073 |
|                        |                     |               |                        |                        |                    |                   | 106+26 | 82          | 7.21                                | 9.12  | 6.91                                  | 6.72  | -1.663                        | 0.124  | -1.963                                   | -2.276 |
|                        |                     |               |                        |                        |                    |                   | 83     | 7.25        | 9.11                                | 6.95  | 6.71                                  | 6.71  | -1.595                        | 0.235  | -1.895                                   | -2.165 |
| 40MHz                  | 0                   | 0             | -0.70                  | -2.40                  | 5965               | 3                 | SU     | --          | 12.14                               | 13.75 | 11.44                                 | 11.35 | -2.108                        | -0.253 | -2.808                                   | -2.653 |
|                        |                     |               |                        |                        |                    |                   | 106+26 | 82          | 5.98                                | 7.52  | 5.28                                  | 5.12  | -3.182                        | -1.280 | -3.882                                   | -3.680 |
|                        |                     |               |                        |                        |                    |                   | 84     | 6.05        | 7.55                                | 5.35  | 5.15                                  | 5.15  | -2.951                        | -1.217 | -3.651                                   | -3.617 |
|                        |                     |               |                        |                        |                    |                   | 85     | 6.02        | 7.54                                | 5.32  | 5.14                                  | 5.14  | -3.112                        | -1.387 | -3.812                                   | -3.787 |
|                        |                     |               |                        |                        |                    |                   | SU     | --          | 13.02                               | 14.62 | 12.32                                 | 12.22 | -1.584                        | -0.444 | -2.284                                   | -2.844 |
|                        |                     |               |                        |                        |                    |                   | 106+26 | 82          | 7.42                                | 9.22  | 6.72                                  | 6.82  | -2.105                        | -0.581 | -2.805                                   | -2.981 |
|                        |                     |               | -0.70                  | -2.40                  | 6005               | 11                | 84     | 7.43        | 9.20                                | 6.73  | 6.80                                  | 6.80  | -2.093                        | -0.186 | -2.793                                   | -2.586 |
|                        |                     |               |                        |                        |                    |                   | 85     | 7.41        | 9.21                                | 6.71  | 6.81                                  | 6.81  | -1.909                        | -0.433 | -2.609                                   | -2.833 |
|                        |                     |               |                        |                        |                    |                   | SU     | --          | 12.89                               | 14.39 | 12.09                                 | 11.99 | -1.507                        | -0.444 | -2.307                                   | -2.844 |
|                        |                     |               |                        |                        |                    |                   | 106+26 | 82          | 7.49                                | 9.09  | 6.69                                  | 6.69  | -1.161                        | -0.601 | -1.961                                   | -3.001 |
|                        |                     |               |                        |                        |                    |                   | 84     | 7.52        | 9.08                                | 6.72  | 6.68                                  | 6.68  | -1.408                        | -0.586 | -2.208                                   | -2.986 |
|                        |                     |               |                        |                        |                    |                   | 85     | 7.51        | 9.14                                | 6.71  | 6.74                                  | 6.74  | -1.666                        | -0.817 | -2.466                                   | -3.217 |
|                        |                     |               | -0.80                  | -2.40                  | 6165               | 43                | SU     | --          | 12.55                               | 14.53 | 12.25                                 | 12.13 | -1.942                        | -0.708 | -2.242                                   | -3.108 |
|                        |                     |               |                        |                        |                    |                   | 106+26 | 82          | 7.15                                | 9.04  | 6.85                                  | 6.64  | -1.893                        | -0.753 | -2.193                                   | -3.153 |
|                        |                     |               |                        |                        |                    |                   | 84     | 7.17        | 8.98                                | 6.87  | 6.58                                  | 6.58  | -1.908                        | -0.841 | -2.208                                   | -3.241 |
|                        |                     |               |                        |                        |                    |                   | 85     | 7.14        | 9.02                                | 6.84  | 6.62                                  | 6.62  | -1.906                        | -0.871 | -2.206                                   | -3.271 |
|                        |                     |               |                        |                        |                    |                   | SU     | --          | 15.13                               | 16.52 | 14.43                                 | 14.12 | -1.935                        | -0.404 | -2.635                                   | -2.804 |
|                        |                     |               |                        |                        |                    |                   | 484    | 65          | 12.14                               | 13.69 | 11.44                                 | 11.29 | -2.554                        | -0.493 | -3.254                                   | -2.893 |
| 80MHz                  | 0                   | 0             | -0.70                  | -2.40                  | 5985               | 7                 | 66     | 12.10       | 13.66                               | 11.40 | 11.26                                 | 11.26 | -2.067                        | -0.451 | -2.767                                   | -2.851 |
|                        |                     |               |                        |                        |                    |                   | SU     | --          | 16.06                               | 17.55 | 15.26                                 | 15.15 | -0.545                        | 1.180  | -1.345                                   | -1.220 |
|                        |                     |               |                        |                        |                    |                   | 484    | 65          | 12.89                               | 14.42 | 12.09                                 | 12.02 | -0.595                        | 0.613  | -1.395                                   | -1.787 |
|                        |                     |               |                        |                        |                    |                   | 66     | 12.88       | 14.43                               | 12.08 | 12.03                                 | 12.03 | -0.551                        | 0.744  | -1.351                                   | -1.656 |
|                        |                     |               |                        |                        |                    |                   | SU     | --          | 15.50                               | 17.49 | 15.20                                 | 15.09 | -0.846                        | 1.190  | -1.146                                   | -1.210 |
|                        |                     |               |                        |                        |                    |                   | 484    | 65          | 12.42                               | 14.44 | 12.12                                 | 12.04 | -1.046                        | 1.142  | -1.346                                   | -1.258 |
|                        |                     |               | -0.80                  | -2.40                  | 6145               | 39                | 66     | 12.44       | 14.50                               | 12.14 | 12.10                                 | 12.10 | -0.805                        | 0.947  | -1.105                                   | -1.453 |
|                        |                     |               |                        |                        |                    |                   | SU     | --          | 18.39                               | 18.44 | 17.69                                 | 16.04 | -1.683                        | -1.859 | -2.383                                   | -4.259 |
|                        |                     |               |                        |                        |                    |                   | 484    | 65          | 12.11                               | 13.66 | 11.41                                 | 11.26 | -1.914                        | -0.548 | -2.614                                   | -2.948 |
|                        |                     |               |                        |                        |                    |                   | 66     | 12.12       | 13.76                               | 11.42 | 11.36                                 | 11.36 | -2.129                        | -0.614 | -2.829                                   | -3.014 |
|                        |                     |               |                        |                        |                    |                   | S66    | 12.17       | 13.65                               | 11.47 | 11.25                                 | 11.25 | -1.947                        | -0.352 | -2.647                                   | -2.752 |
|                        |                     |               |                        |                        |                    |                   | SU     | --          | 18.87                               | 18.37 | 18.07                                 | 15.97 | -1.713                        | -2.121 | -2.513                                   | -4.521 |
| 160MHz                 | 0                   | 0             | -0.70                  | -2.40                  | 6025               | 15                | 65     | 12.94       | 14.40                               | 12.14 | 12.00                                 | 12.00 | -0.718                        | 0.669  | -1.518                                   | -1.731 |
|                        |                     |               |                        |                        |                    |                   | 484    | 66          | 12.90                               | 14.32 | 12.10                                 | 11.92 | -0.542                        | 0.362  | -1.342                                   | -2.038 |
|                        |                     |               |                        |                        |                    |                   | S66    | 12.92       | 14.37                               | 12.12 | 11.97                                 | 11.97 | -0.850                        | 0.381  | -1.650                                   | -2.019 |
|                        |                     |               |                        |                        |                    |                   | SU     | --          | 18.22                               | 18.41 | 17.92                                 | 16.01 | -1.549                        | -1.789 | -1.849                                   | -4.189 |
|                        |                     |               |                        |                        |                    |                   | 484    | 65          | 12.40                               | 14.54 | 12.10                                 | 12.14 | -1.569                        | 0.741  | -1.869                                   | -1.659 |
|                        |                     |               |                        |                        |                    |                   | 66     | 12.44       | 14.50                               | 12.14 | 12.10                                 | 12.10 | -1.255                        | 0.594  | -1.555                                   | -1.806 |
|                        |                     |               | -0.30                  | -2.40                  | 6345               | 79                | S66    | 12.44       | 14.47                               | 12.14 | 12.07                                 | 12.07 | -1.566                        | 0.952  | -1.866                                   | -1.448 |

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm)+ Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)



20MHz - Mid Channel – SU  
(UNII-5) – ANT 6



20MHz - Mid Channel – 106+26T RU82  
(UNII-5) – ANT 6

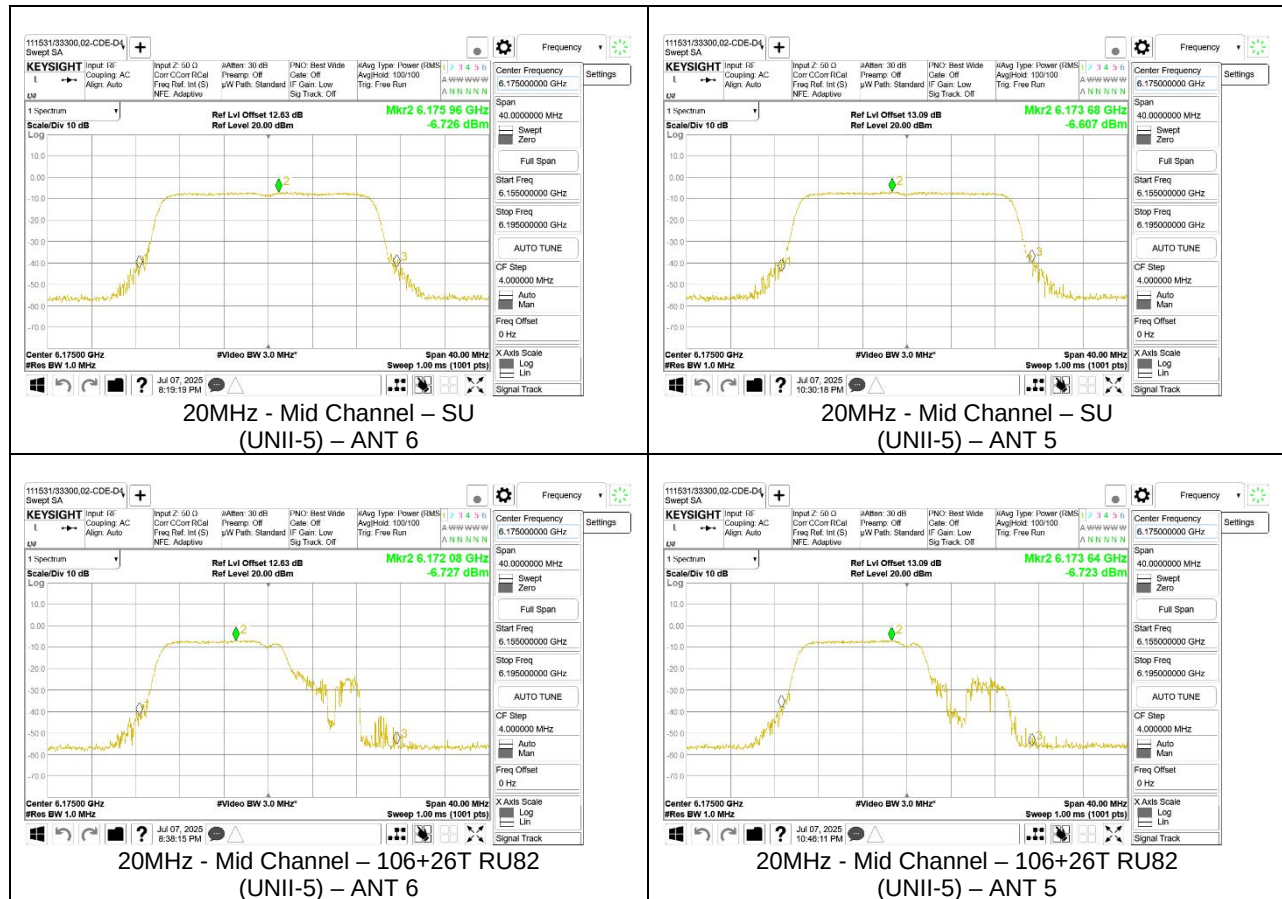
### 9.5.3. 802.11be MIMO CDD MODE IN THE UNII-5 BAND – LOW POWER

| LP CDD<br>UNII-5<br>(MIMO) | Duty Factor<br>(dB) |                | Un-<br>Correlated<br>Antenna<br>Gain<br>(dBi) | Correlated<br>Antenna<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone   | RU<br>Index | Conducted<br>Power (Gated) |       | EIRP MIMO<br>Power<br>(Limit = 24dBm<br>EIRP) | Conducted PSD<br>(dBm/MHz) |        | EIRP MIMO<br>PSD<br>(Limit = -1<br>dBm/MHz EIRP) |
|----------------------------|---------------------|----------------|-----------------------------------------------|----------------------------------------|--------------------|-------------------|--------|-------------|----------------------------|-------|-----------------------------------------------|----------------------------|--------|--------------------------------------------------|
|                            | SU                  | Partial<br>Rus |                                               |                                        |                    |                   |        |             | ANT 6                      | ANT 5 |                                               | ANT 6                      | ANT 5  |                                                  |
| 20MHz                      | 0                   | 0              | -1.47                                         | 1.50                                   | 5955               | 1                 | SU     | --          | 3.94                       | 3.92  | 5.47                                          | -7.403                     | -7.528 | -2.955                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 0.71                       | 0.73  | 2.26                                          | -8.138                     | -8.220 | -3.669                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 83          | 0.65                       | 0.72  | 2.23                                          | -8.208                     | -8.296 | -3.741                                           |
|                            |                     |                | -1.47                                         | 1.50                                   | 5975               | 5                 | SU     | --          | 4.63                       | 4.64  | 6.18                                          | -6.791                     | -6.657 | -2.213                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 2.22                       | 2.22  | 3.76                                          | -6.653                     | -6.772 | -2.202                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 83          | 2.24                       | 2.25  | 3.79                                          | -6.703                     | -7.010 | -2.343                                           |
|                            |                     |                | -1.53                                         | 1.45                                   | 6175               | 45                | SU     | --          | 4.58                       | 4.65  | 6.10                                          | -6.726                     | -6.607 | -2.206                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 2.26                       | 2.28  | 3.75                                          | -6.727                     | -6.723 | -2.265                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 83          | 2.18                       | 2.15  | 3.65                                          | -6.071                     | -6.760 | -1.942                                           |
|                            |                     |                | -1.22                                         | 1.72                                   | 6415               | 93                | SU     | --          | 4.47                       | 4.42  | 6.24                                          | -6.827                     | -7.102 | -2.232                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 2.02                       | 2.01  | 3.81                                          | -6.898                     | -6.829 | -2.133                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 83          | 2.07                       | 2.04  | 3.85                                          | -7.074                     | -7.226 | -2.419                                           |
| 40MHz                      | 0                   | 0              | -1.47                                         | 1.50                                   | 5965               | 3                 | SU     | --          | 6.80                       | 6.82  | 8.35                                          | -6.665                     | -6.688 | -2.166                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52     | 37          | -1.82                      | -1.76 | -0.25                                         | -5.674                     | -6.019 | -1.333                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 41          | -1.77                      | -1.74 | -0.21                                         | -6.057                     | -6.000 | -1.518                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 44          | -1.74                      | -1.75 | -0.20                                         | -6.276                     | -6.070 | -1.661                                           |
|                            |                     |                | -1.47                                         | 1.50                                   | 6005               | 11                | SU     | --          | 7.72                       | 7.71  | 9.26                                          | -5.696                     | -5.672 | -1.174                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52     | 37          | -1.82                      | -1.82 | -0.28                                         | -5.741                     | -6.528 | -1.606                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 41          | -1.83                      | -1.84 | -0.29                                         | -5.798                     | -6.460 | -1.606                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 44          | -1.82                      | -1.84 | -0.29                                         | -5.970                     | -6.498 | -1.716                                           |
|                            |                     |                | -1.53                                         | 1.45                                   | 6165               | 43                | SU     | --          | 7.56                       | 7.54  | 9.03                                          | -5.789                     | -5.766 | -1.317                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52     | 37          | -2.02                      | -1.98 | -0.52                                         | -5.914                     | -6.200 | -1.594                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 41          | -1.98                      | -1.97 | -0.49                                         | -6.541                     | -5.905 | -1.751                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 44          | -1.93                      | -1.99 | -0.48                                         | -6.371                     | -6.389 | -1.920                                           |
|                            |                     |                | -1.22                                         | 1.72                                   | 6405               | 91                | SU     | --          | 7.47                       | 7.41  | 9.23                                          | -6.279                     | -6.359 | -1.589                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52     | 37          | -2.07                      | -2.08 | -0.28                                         | -6.095                     | -6.044 | -1.339                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 41          | -2.06                      | -2.11 | -0.29                                         | -6.194                     | -6.056 | -1.394                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 44          | -2.05                      | -2.09 | -0.28                                         | -6.400                     | -6.424 | -1.682                                           |
| 80MHz                      | 0                   | 0              | -1.47                                         | 1.50                                   | 5985               | 7                 | SU     | --          | 9.73                       | 9.70  | 11.26                                         | -7.045                     | -7.237 | -2.630                                           |
|                            |                     |                |                                               |                                        |                    |                   | 484    | 65          | 6.83                       | 6.80  | 8.36                                          | -7.479                     | -7.305 | -2.881                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 66          | 6.78                       | 6.83  | 8.35                                          | -7.406                     | -7.428 | -2.907                                           |
|                            |                     |                | -1.53                                         | 1.45                                   | 6145               | 39                | SU     | --          | 10.59                      | 10.63 | 12.09                                         | -5.609                     | -5.642 | -1.165                                           |
|                            |                     |                |                                               |                                        |                    |                   | 484    | 65          | 7.44                       | 7.48  | 8.94                                          | -5.645                     | -6.381 | -1.537                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 66          | 7.43                       | 7.49  | 8.94                                          | -5.511                     | -6.201 | -1.382                                           |
|                            |                     |                | -1.22                                         | 1.72                                   | 6385               | 87                | SU     | --          | 10.37                      | 10.41 | 12.18                                         | -6.154                     | -6.061 | -1.377                                           |
|                            |                     |                |                                               |                                        |                    |                   | 484    | 65          | 7.34                       | 7.29  | 9.11                                          | -5.629                     | -6.190 | -1.170                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 66          | 7.29                       | 7.30  | 9.09                                          | -5.957                     | -6.269 | -1.380                                           |
| 160MHz                     | 0                   | 0              | -1.47                                         | 1.50                                   | 6025               | 15                | SU     | --          | 12.91                      | 12.94 | 14.47                                         | -7.514                     | -6.904 | -2.688                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 0.72                       | 0.74  | 2.27                                          | -9.157                     | -9.126 | -4.631                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 89          | 0.71                       | 0.68  | 2.24                                          | -8.976                     | -9.472 | -4.707                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | S89         | 0.71                       | 0.77  | 2.28                                          | -9.003                     | -9.418 | -4.695                                           |
|                            |                     |                | -1.53                                         | 1.45                                   | 6185               | 47                | SU     | --          | 13.49                      | 13.32 | 14.89                                         | -6.819                     | -6.456 | -2.173                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 2.24                       | 2.24  | 3.72                                          | -7.918                     | -8.130 | -3.562                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 89          | 2.18                       | 2.19  | 3.67                                          | -7.603                     | -7.849 | -3.264                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | S89         | 2.23                       | 2.26  | 3.73                                          | -7.313                     | -7.309 | -2.851                                           |
|                            |                     |                | -1.22                                         | 1.72                                   | 6345               | 79                | SU     | --          | 13.11                      | 13.15 | 14.92                                         | -6.904                     | -6.842 | -2.143                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 1.89                       | 1.91  | 3.69                                          | -7.992                     | -7.487 | -3.002                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 89          | 1.91                       | 1.84  | 3.67                                          | -7.491                     | -7.649 | -2.839                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | S89         | 1.94                       | 1.88  | 3.70                                          | -7.335                     | -7.796 | -2.829                                           |

**Note:**

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (ANT 6 + ANT 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)



### 9.5.4. 802.11be MIMO SDM MODE IN THE UNII-5 BAND – LOW POWER

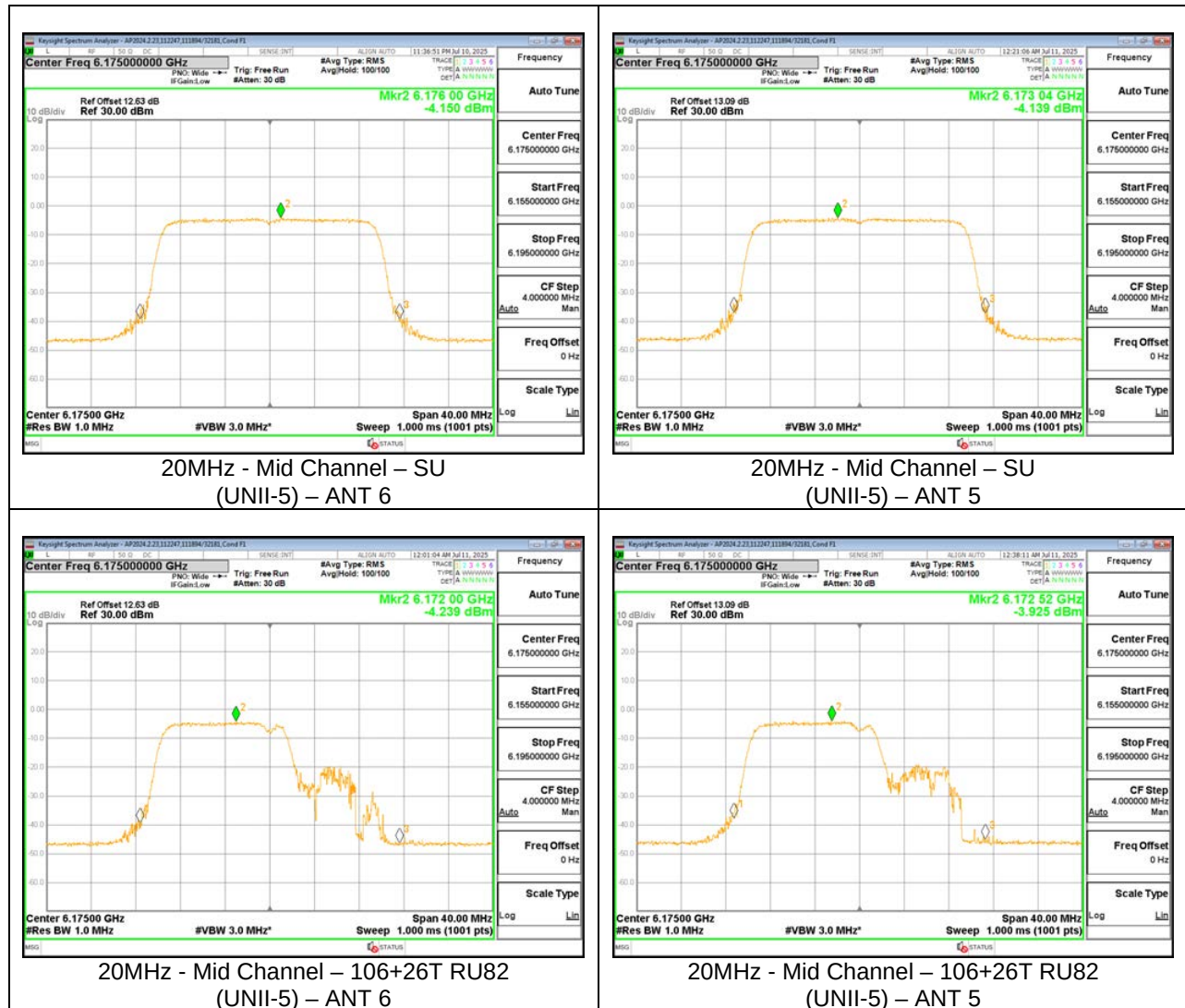
| LP SDM<br>UNII-5<br>(MIMO) | Duty Factor<br>(dB) |                | Un-<br>Correlated<br>Antenna<br>Gain<br>(dBi) | Correlated<br>Antenna<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone   | RU<br>Index | Conducted<br>Power (Gated) |       | EIRP MIMO<br>Power<br>(Limit = 24dBm<br>EIRP) | Conducted PSD<br>(dBm/MHz) |        | EIRP MIMO<br>PSD<br>(Limit = -1<br>dBm/MHz EIRP) |
|----------------------------|---------------------|----------------|-----------------------------------------------|----------------------------------------|--------------------|-------------------|--------|-------------|----------------------------|-------|-----------------------------------------------|----------------------------|--------|--------------------------------------------------|
|                            | SU                  | Partial<br>Rus |                                               |                                        |                    |                   |        |             | ANT 6                      | ANT 5 |                                               | ANT 6                      | ANT 5  |                                                  |
| 20MHz                      | 0                   | 0              | -1.47                                         | 1.50                                   | 5955               | 1                 | SU     | --          | 6.92                       | 6.88  | 8.44                                          | -4.233                     | -4.872 | -3.000                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 3.69                       | 3.74  | 5.26                                          | -5.979                     | -5.690 | -4.292                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 83          | 3.73                       | 3.76  | 5.29                                          | -5.635                     | -5.814 | -4.183                                           |
|                            |                     |                | -1.47                                         | 1.50                                   | 5975               | 5                 | SU     | --          | 7.61                       | 7.62  | 9.16                                          | -3.876                     | -4.095 | -2.444                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 5.25                       | 5.22  | 6.78                                          | -3.961                     | -3.934 | -2.407                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 83          | 5.27                       | 5.23  | 6.79                                          | -3.743                     | -4.037 | -2.347                                           |
|                            |                     |                | -1.53                                         | 1.45                                   | 6175               | 45                | SU     | --          | 7.62                       | 7.63  | 9.11                                          | -4.150                     | -4.139 | -2.664                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 5.22                       | 5.18  | 6.68                                          | -4.239                     | -3.925 | -2.599                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 83          | 5.17                       | 5.21  | 6.67                                          | -3.957                     | -4.190 | -2.592                                           |
|                            |                     |                | -1.22                                         | 1.72                                   | 6415               | 93                | SU     | --          | 7.45                       | 7.44  | 9.24                                          | -3.882                     | -3.812 | -2.057                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 4.94                       | 4.96  | 6.74                                          | -4.035                     | -4.015 | -2.235                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 83          | 5.01                       | 4.98  | 6.79                                          | -3.951                     | -4.086 | -2.228                                           |
| 40MHz                      | 0                   | 0              | -1.47                                         | 1.50                                   | 5965               | 3                 | SU     | --          | 9.74                       | 9.76  | 11.29                                         | -4.767                     | -5.005 | -3.344                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 37          | 1.19                       | 1.20  | 2.74                                          | -4.168                     | -4.367 | -2.726                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52     | 41          | 1.16                       | 1.14  | 2.69                                          | -3.992                     | -4.481 | -2.689                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 44          | 1.24                       | 1.17  | 2.75                                          | -4.066                     | -4.543 | -2.758                                           |
|                            |                     |                | -1.47                                         | 1.50                                   | 6005               | 11                | SU     | --          | 10.77                      | 10.73 | 12.29                                         | -4.086                     | -4.138 | -2.572                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 37          | 1.13                       | 1.17  | 2.69                                          | -4.244                     | -4.248 | -2.706                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52     | 41          | 1.14                       | 1.12  | 2.67                                          | -4.187                     | -4.267 | -2.687                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 44          | 1.12                       | 1.15  | 2.68                                          | -4.181                     | -4.162 | -2.631                                           |
|                            |                     |                | -1.53                                         | 1.45                                   | 6165               | 43                | SU     | --          | 10.49                      | 10.51 | 11.98                                         | -4.636                     | -4.238 | -2.952                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 37          | 1.01                       | 1.02  | 2.50                                          | -5.175                     | -4.824 | -3.516                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52     | 41          | 1.05                       | 1.06  | 2.54                                          | -4.669                     | -4.631 | -3.170                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 44          | 1.08                       | 1.04  | 2.54                                          | -4.277                     | -4.829 | -3.064                                           |
|                            |                     |                | -1.22                                         | 1.72                                   | 6405               | 91                | SU     | --          | 10.37                      | 10.35 | 12.15                                         | -3.773                     | -3.800 | -1.996                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 37          | 0.94                       | 0.92  | 2.72                                          | -4.110                     | -4.129 | -2.329                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52     | 41          | 0.96                       | 0.94  | 2.74                                          | -3.970                     | -4.091 | -2.240                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 44          | 0.91                       | 0.90  | 2.70                                          | -4.319                     | -4.407 | -2.572                                           |
| 80MHz                      | 0                   | 0              | -1.47                                         | 1.50                                   | 5985               | 7                 | SU     | --          | 12.65                      | 12.67 | 14.20                                         | -5.078                     | -5.192 | -3.594                                           |
|                            |                     |                |                                               |                                        |                    |                   | 484    | 65          | 9.75                       | 9.76  | 11.30                                         | -5.312                     | -5.251 | -3.741                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 66          | 9.82                       | 9.79  | 11.35                                         | -4.756                     | -5.141 | -3.404                                           |
|                            |                     |                | -1.53                                         | 1.45                                   | 6145               | 39                | SU     | --          | 13.57                      | 13.60 | 15.07                                         | -4.573                     | -4.418 | -3.015                                           |
|                            |                     |                |                                               |                                        |                    |                   | 484    | 65          | 10.52                      | 10.54 | 12.01                                         | -4.555                     | -4.467 | -3.030                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 66          | 10.51                      | 10.45 | 11.96                                         | -4.286                     | -4.489 | -2.906                                           |
|                            |                     |                | -1.22                                         | 1.72                                   | 6385               | 87                | SU     | --          | 13.45                      | 13.37 | 15.20                                         | -3.650                     | -3.857 | -1.962                                           |
|                            |                     |                |                                               |                                        |                    |                   | 484    | 65          | 10.29                      | 10.27 | 12.07                                         | -4.273                     | -4.373 | -2.532                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 66          | 10.32                      | 10.26 | 12.08                                         | -3.920                     | -3.892 | -2.116                                           |
| 160MHz                     | 0                   | 0              | -1.47                                         | 1.50                                   | 6025               | 15                | SU     | --          | 15.91                      | 15.84 | 17.42                                         | -4.544                     | -4.887 | -3.172                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 3.72                       | 3.70  | 5.25                                          | -5.848                     | -6.538 | -4.639                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 89          | 3.65                       | 3.73  | 5.23                                          | -5.612                     | -6.310 | -4.407                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | S89         | 3.66                       | 3.68  | 5.21                                          | -6.392                     | -6.629 | -4.969                                           |
|                            |                     |                | -1.53                                         | 1.45                                   | 6185               | 47                | SU     | --          | 16.48                      | 16.55 | 18.00                                         | -3.986                     | -4.039 | -2.532                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 5.20                       | 5.21  | 6.69                                          | -4.683                     | -5.096 | -3.404                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 89          | 5.19                       | 5.14  | 6.65                                          | -4.683                     | -4.634 | -3.178                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | S89         | 5.15                       | 5.16  | 6.64                                          | -4.100                     | -3.867 | -2.502                                           |
|                            |                     |                | -1.22                                         | 1.72                                   | 6345               | 79                | SU     | --          | 16.04                      | 16.06 | 17.84                                         | -4.144                     | -4.228 | -2.395                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 4.87                       | 4.90  | 6.68                                          | -4.408                     | -4.498 | -2.662                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 89          | 4.91                       | 4.90  | 6.70                                          | -4.178                     | -4.373 | -2.484                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | S89         | 4.92                       | 4.88  | 6.69                                          | -4.741                     | -4.923 | -3.041                                           |

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (ANT 6 + ANT 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Un-Correlated Antenna Gain (dBi)





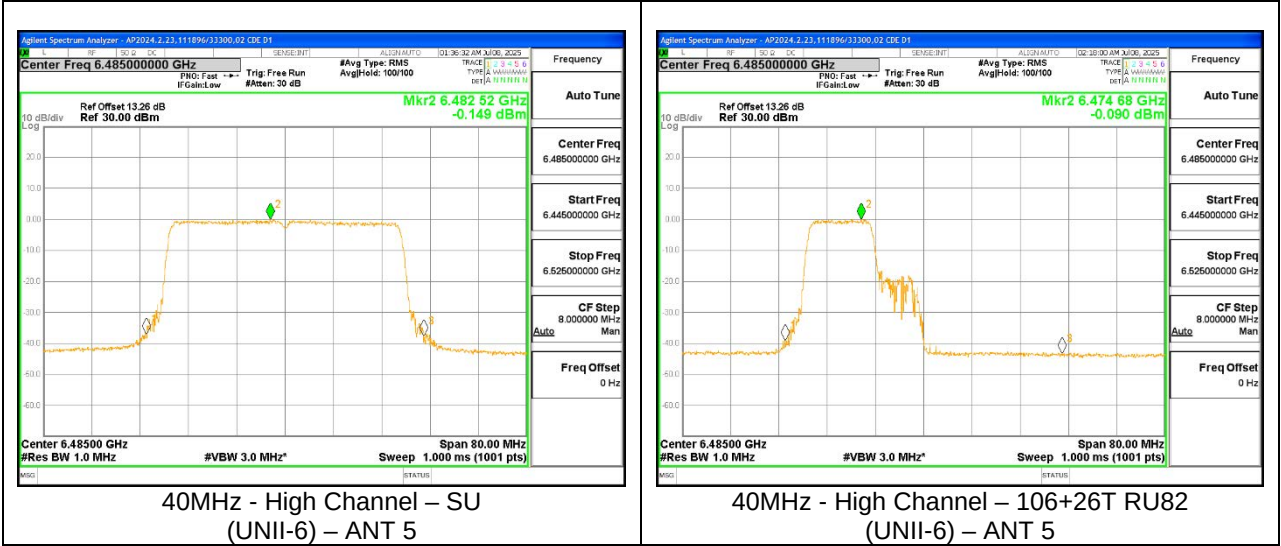
9.5.5. 802.11be SISO MODE IN THE UNII-6 BAND – LOW POWER

| LP<br>UNII-6<br>(SISO) | Duty Factor<br>(dB) |               | ANT 6<br>Gain<br>(dBi) | ANT 5<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone | RU<br>Index | Conducted<br>Power (Gated)<br>(dBm) |       | EIRP<br>Power<br>(Limit = 24dBm EIRP) |       | Conducted<br>PSD<br>(dBm/MHz) |        | EIRP<br>PSD<br>(Limit = -1 dBm/MHz EIRP) |        |
|------------------------|---------------------|---------------|------------------------|------------------------|--------------------|-------------------|------|-------------|-------------------------------------|-------|---------------------------------------|-------|-------------------------------|--------|------------------------------------------|--------|
|                        | SU                  | Partial<br>RU |                        |                        |                    |                   |      |             | ANT 6                               | ANT 5 | ANT 6                                 | ANT 5 | ANT 6                         | ANT 5  | ANT 6                                    | ANT 5  |
| 20MHz                  | 0                   | 0.1           | -1.60                  | -2.00                  | 6435               | 97                | SU   | --          | 10.67                               | 11.37 | 9.07                                  | 9.37  | -0.660                        | 0.222  | -2.260                                   | -1.778 |
|                        |                     |               |                        |                        |                    |                   | 70   |             | 6.15                                | 6.58  | 4.55                                  | 4.58  | -0.330                        | 0.196  | -1.830                                   | -1.704 |
|                        |                     |               |                        |                        |                    |                   | 71   |             | 6.13                                | 6.57  | 4.53                                  | 4.57  | -0.628                        | -0.025 | -2.128                                   | -1.925 |
|                        |                     |               |                        |                        |                    |                   | 72   |             | 6.15                                | 6.64  | 4.55                                  | 4.64  | -0.366                        | 0.177  | -1.866                                   | -1.723 |
|                        |                     |               |                        |                        | 6475               | 105               | SU   | --          | 10.77                               | 11.28 | 9.17                                  | 9.28  | -0.651                        | -0.081 | -2.251                                   | -2.081 |
|                        |                     |               |                        |                        |                    |                   | 70   |             | 6.12                                | 6.68  | 4.52                                  | 4.68  | -0.238                        | -0.051 | -1.738                                   | -1.951 |
|                        |                     |               |                        |                        |                    |                   | 71   |             | 6.05                                | 6.62  | 4.45                                  | 4.62  | -0.621                        | -0.351 | -2.121                                   | -2.251 |
|                        |                     |               |                        |                        |                    |                   | 72   |             | 6.14                                | 6.63  | 4.54                                  | 4.63  | -0.508                        | -0.123 | -2.008                                   | -2.023 |
|                        |                     |               |                        |                        | 6515               | 113               | SU   | --          | 10.71                               | 11.32 | 9.11                                  | 9.32  | -0.307                        | -0.205 | -1.907                                   | -2.205 |
|                        |                     |               |                        |                        |                    |                   | 70   |             | 6.08                                | 6.58  | 4.48                                  | 4.58  | -0.852                        | -0.040 | -2.352                                   | -1.940 |
|                        |                     |               |                        |                        |                    |                   | 71   |             | 6.14                                | 6.62  | 4.54                                  | 4.62  | -0.569                        | -0.347 | -2.069                                   | -2.247 |
|                        |                     |               |                        |                        |                    |                   | 72   |             | 6.09                                | 6.62  | 4.49                                  | 4.62  | -0.948                        | -0.140 | -2.448                                   | -2.040 |
| 40MHz                  | 0                   | 0             | -1.60                  | -2.00                  | 6445               | 99                | SU   | --          | 13.90                               | 14.22 | 12.30                                 | 12.22 | -0.010                        | -0.389 | -1.610                                   | -2.389 |
|                        |                     |               |                        |                        |                    |                   | 82   |             | 8.27                                | 8.65  | 6.67                                  | 6.65  | -0.410                        | -0.340 | -2.010                                   | -2.340 |
|                        |                     |               |                        |                        |                    |                   | 84   |             | 8.22                                | 8.67  | 6.62                                  | 6.67  | -0.329                        | -0.016 | -1.929                                   | -2.016 |
|                        |                     |               |                        |                        |                    |                   | 85   |             | 8.24                                | 8.62  | 6.64                                  | 6.62  | -0.299                        | -0.193 | -1.899                                   | -2.193 |
|                        |                     |               |                        |                        | 6485               | 107               | SU   | --          | 13.85                               | 14.22 | 12.25                                 | 12.22 | -0.385                        | -0.149 | -1.985                                   | -2.149 |
|                        |                     |               |                        |                        |                    |                   | 82   |             | 8.22                                | 8.64  | 6.62                                  | 6.64  | -0.423                        | -0.090 | -2.023                                   | -2.090 |
|                        |                     |               |                        |                        |                    |                   | 84   |             | 8.18                                | 8.62  | 6.58                                  | 6.62  | -0.721                        | -0.362 | -2.321                                   | -2.362 |
|                        |                     |               |                        |                        |                    |                   | 85   |             | 8.20                                | 8.66  | 6.60                                  | 6.66  | -0.533                        | -0.375 | -2.133                                   | -2.375 |
|                        |                     |               | -0.10                  | 0.60                   | 6525<br>(Straddle) | 115               | SU   | --          | 12.18                               | 11.61 | 12.08                                 | 12.21 | -2.002                        | -2.699 | -2.102                                   | -2.099 |
|                        |                     |               |                        |                        |                    |                   | 82   |             | 6.78                                | 5.84  | 6.68                                  | 6.44  | -2.203                        | -3.259 | -2.303                                   | -2.659 |
|                        |                     |               |                        |                        |                    |                   | 84   |             | 6.77                                | 5.86  | 6.67                                  | 6.46  | -2.463                        | -3.157 | -2.563                                   | -2.557 |
|                        |                     |               |                        |                        |                    |                   | 85   |             | 6.82                                | 5.84  | 6.72                                  | 6.44  | -2.429                        | -3.317 | -2.529                                   | -2.717 |
| 80MHz                  | 0                   | 0             | -1.60                  | -2.00                  | 6465               | 103               | SU   | --          | 16.72                               | 17.02 | 15.12                                 | 15.02 | -0.326                        | -0.361 | -1.926                                   | -2.361 |
|                        |                     |               |                        |                        |                    |                   | 65   |             | 13.79                               | 14.22 | 12.19                                 | 12.22 | -0.443                        | -0.169 | -2.043                                   | -2.169 |
|                        |                     |               |                        |                        |                    |                   | 66   |             | 13.80                               | 14.24 | 12.20                                 | 12.24 | -0.466                        | -0.021 | -2.066                                   | -2.021 |
| 160MHz                 | 0                   | 0             | -0.10                  | 0.60                   | 6505<br>(Straddle) | 111               | SU   | --          | 18.22                               | 17.19 | 18.12                                 | 17.79 | -1.849                        | -2.457 | -1.949                                   | -1.857 |
|                        |                     |               |                        |                        |                    |                   | 82   |             | 6.77                                | 5.82  | 6.67                                  | 6.42  | -2.464                        | -3.792 | -2.564                                   | -3.192 |
|                        |                     |               |                        |                        |                    |                   | 89   |             | 6.82                                | 5.81  | 6.72                                  | 6.41  | -2.238                        | -3.344 | -2.338                                   | -2.744 |
|                        |                     |               |                        |                        |                    |                   | S89  |             | 6.78                                | 5.79  | 6.68                                  | 6.39  | -2.660                        | -3.620 | -2.760                                   | -3.020 |

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm)+ Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)



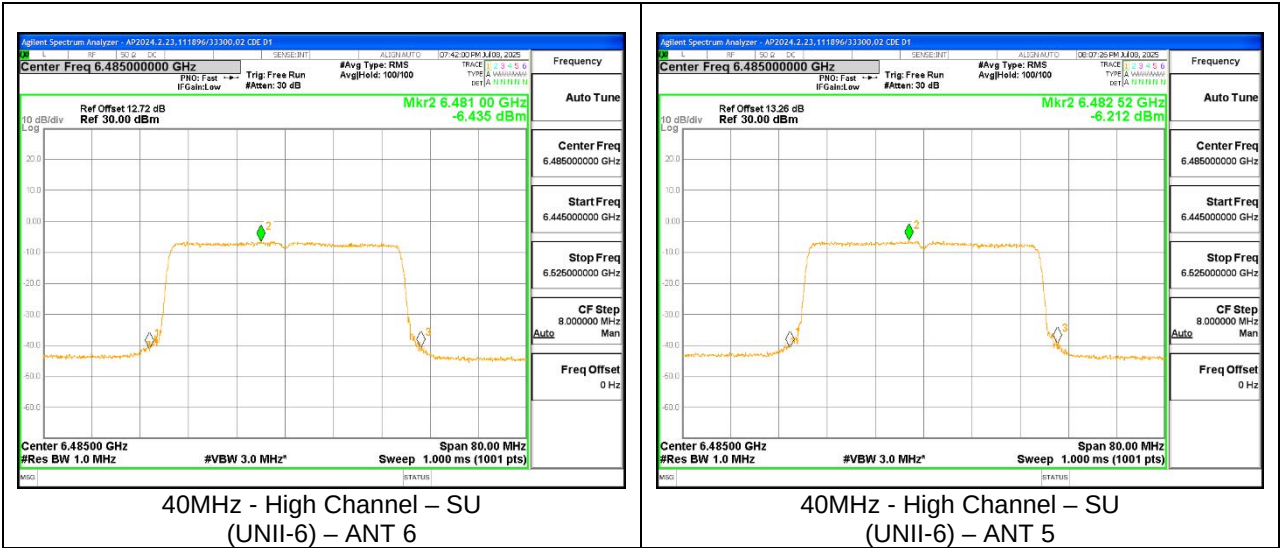
9.5.6. 802.11be MIMO CDD MODE IN THE UNII-6 BAND – LOW POWER

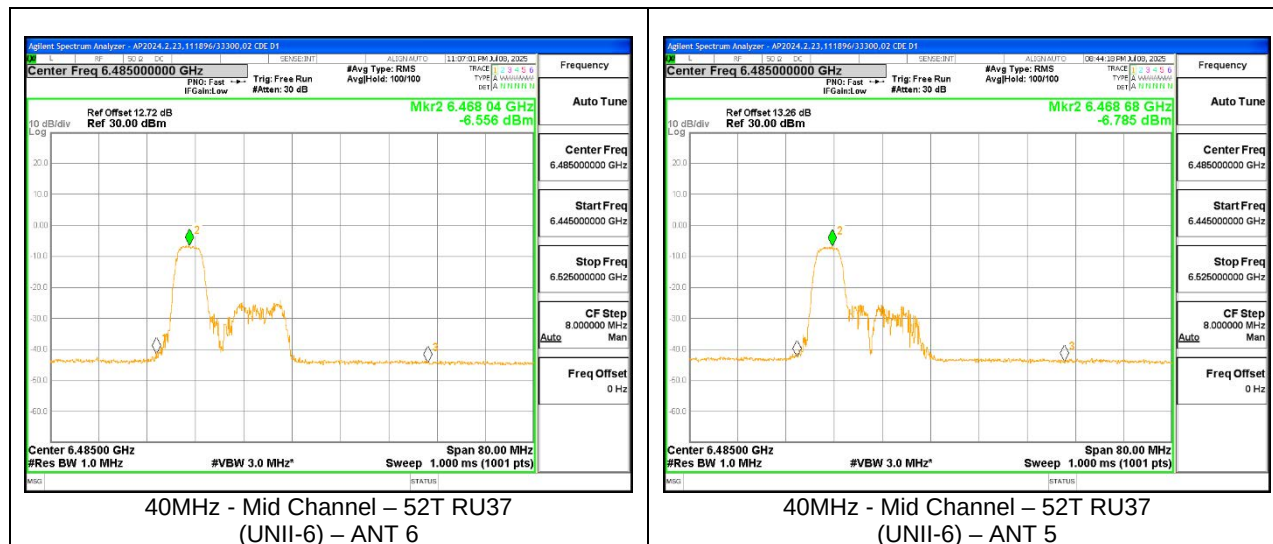
| LP CDD<br>UNII-6<br>(MIMO) | Duty Factor<br>(dB) |                | Un-<br>Correlated<br>Antenna<br>Gain<br>(dBi) | Correlated<br>Antenna<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone   | RU<br>Index | Conducted<br>Power (Gated) |        | EIRP MIMO<br>Power<br>(Limit = 24dBm<br>EIRP) | Conducted PSD<br>(dBm/MHz) |        | EIRP MIMO<br>PSD<br>(Limit = -1<br>dBm/MHz EIRP) |        |
|----------------------------|---------------------|----------------|-----------------------------------------------|----------------------------------------|--------------------|-------------------|--------|-------------|----------------------------|--------|-----------------------------------------------|----------------------------|--------|--------------------------------------------------|--------|
|                            | SU                  | Partial<br>Rus |                                               |                                        |                    |                   |        |             | ANT 6                      | ANT 5  |                                               | ANT 6                      | ANT 5  |                                                  |        |
| 20MHz                      | 0                   | 0              | -1.80                                         | 1.21                                   | 6435               | 97                | SU     | --          | 4.92                       | 4.91   | 6.13                                          | -5.980                     | -6.193 | -1.865                                           |        |
|                            |                     |                |                                               |                                        |                    |                   | 106    | 53          | 1.61                       | 1.57   | 2.80                                          | -5.995                     | -6.282 | -1.916                                           |        |
|                            |                     |                |                                               |                                        |                    |                   |        | 54          | 1.60                       | 1.62   | 2.82                                          | -6.306                     | -5.717 | -1.781                                           |        |
|                            |                     |                |                                               |                                        | 6475               | 105               | SU     | --          | 4.92                       | 4.85   | 6.10                                          | -6.230                     | -6.128 | -1.958                                           |        |
|                            |                     |                |                                               |                                        |                    |                   | 106    | 53          | 1.65                       | 1.61   | 2.84                                          | -6.003                     | -6.154 | -1.858                                           |        |
|                            |                     |                |                                               |                                        |                    |                   |        | 54          | 1.66                       | 1.63   | 2.86                                          | -6.214                     | -6.540 | -2.154                                           |        |
|                            |                     |                |                                               |                                        | 6515               | 113               | SU     | --          | 4.91                       | 4.93   | 6.13                                          | -6.207                     | -6.324 | -2.045                                           |        |
|                            |                     |                |                                               |                                        |                    |                   | 106    | 53          | 1.67                       | 1.60   | 2.85                                          | -6.430                     | -6.522 | -2.255                                           |        |
|                            |                     |                |                                               |                                        |                    |                   |        | 54          | 1.63                       | 1.60   | 2.83                                          | -6.278                     | -6.491 | -2.163                                           |        |
| 40MHz                      | 0                   | 0              | -1.80                                         | 1.21                                   | 6445               | 99                | SU     | --          | 7.96                       | 8.00   | 9.19                                          | -6.292                     | -6.064 | -1.956                                           |        |
|                            |                     |                |                                               |                                        |                    |                   | 52     | 37          | -1.54                      | -1.55  | -0.33                                         | -6.187                     | -6.571 | -2.154                                           |        |
|                            |                     |                |                                               |                                        |                    |                   |        | 41          | -1.59                      | -1.65  | -0.41                                         | -6.390                     | -6.729 | -2.336                                           |        |
|                            |                     |                |                                               |                                        | 6485               | 107               | 44     | -1.58       | -1.62                      | -0.39  | -6.142                                        | -6.697                     | -2.190 |                                                  |        |
|                            |                     |                |                                               |                                        |                    |                   | SU     | --          | 7.88                       | 7.92   | 9.11                                          | -6.435                     | -6.212 | -2.102                                           |        |
|                            |                     |                |                                               |                                        |                    |                   | 52     | 37          | -1.62                      | -1.61  | -0.40                                         | -6.556                     | -6.785 | -2.449                                           |        |
|                            |                     |                | 41                                            | -1.58                                  | -1.63              | -0.39             |        | -6.436      | -6.814                     | -2.401 |                                               |                            |        |                                                  |        |
|                            |                     |                | 0.26                                          | 3.27                                   | 6525<br>(Straddle) | 115               | 44     | -1.56       | -1.57                      | -0.35  | -6.850                                        | -6.958                     | -2.683 |                                                  |        |
|                            |                     |                |                                               |                                        |                    |                   | SU     | --          | 5.82                       | 5.83   | 9.10                                          | -8.793                     | -8.598 | -2.414                                           |        |
|                            |                     |                |                                               |                                        |                    |                   | 52     | 37          | -3.48                      | -3.45  | -0.19                                         | -8.695                     | -8.902 | -2.517                                           |        |
|                            |                     |                |                                               |                                        | 41                 | -3.46             |        | -3.45       | -0.18                      | -8.342 | -8.869                                        | -2.317                     |        |                                                  |        |
|                            |                     |                |                                               |                                        |                    | 44                | -3.42  | -3.50       | -0.19                      | -8.412 | -8.994                                        | -2.413                     |        |                                                  |        |
| 80MHz                      | 0                   | 0              |                                               |                                        |                    | -1.80             | 1.21   | 6465        | 103                        | SU     | --                                            | 10.75                      | 10.76  | 11.97                                            | -6.214 |
|                            |                     |                | 484                                           | 65                                     | 7.84               |                   |        |             |                            | 7.88   | 9.07                                          | -6.371                     | -6.083 | -2.004                                           |        |
|                            |                     |                |                                               | 66                                     | 7.85               |                   |        |             |                            | 7.92   | 9.10                                          | -5.620                     | -6.038 | -1.604                                           |        |
| 160MHz                     | 0                   | 0              | 0.26                                          | 3.27                                   | 6505<br>(Straddle) | 111               | 106+26 | SU          | --                         | 11.65  | 11.63                                         | 14.91                      | -8.628 | -8.109                                           | -2.080 |
|                            |                     |                |                                               |                                        |                    |                   |        | 82          | 0.28                       | 0.21   | 3.52                                          | -8.829                     | -8.978 | -2.623                                           |        |
|                            |                     |                |                                               |                                        |                    |                   |        | 89          | 0.26                       | 0.25   | 3.53                                          | -9.009                     | -9.251 | -2.848                                           |        |
|                            |                     |                |                                               |                                        |                    |                   |        | S89         | 0.24                       | 0.23   | 3.51                                          | -9.827                     | -9.519 | -3.390                                           |        |

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (ANT 6 + ANT 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)





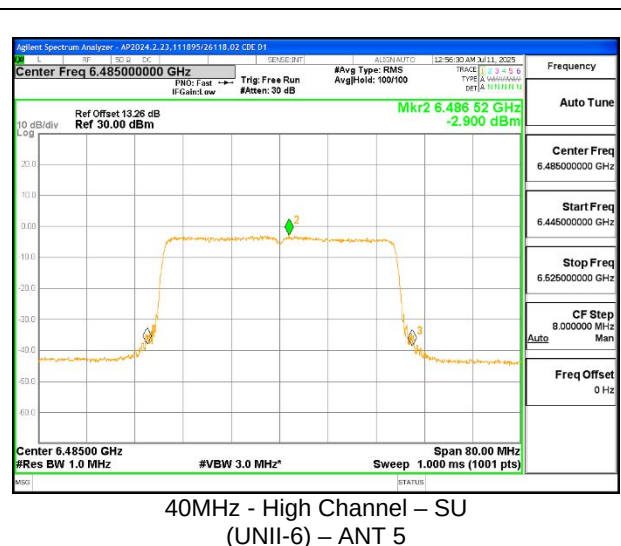
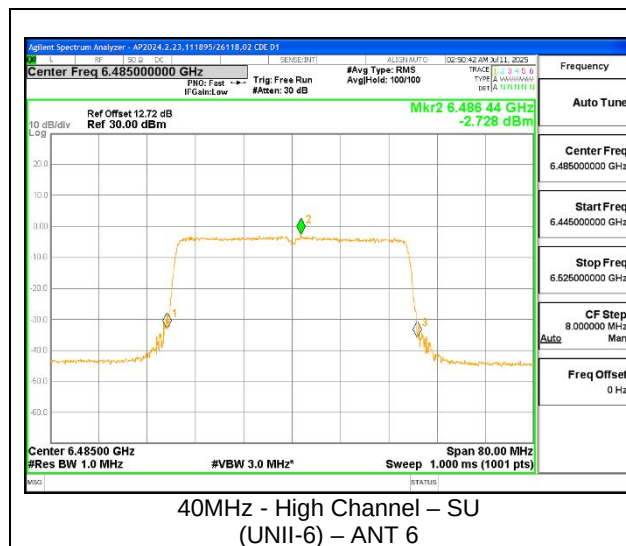
### 9.5.7. 802.11be MIMO SDM MODE IN THE UNII-6 BAND – LOW POWER

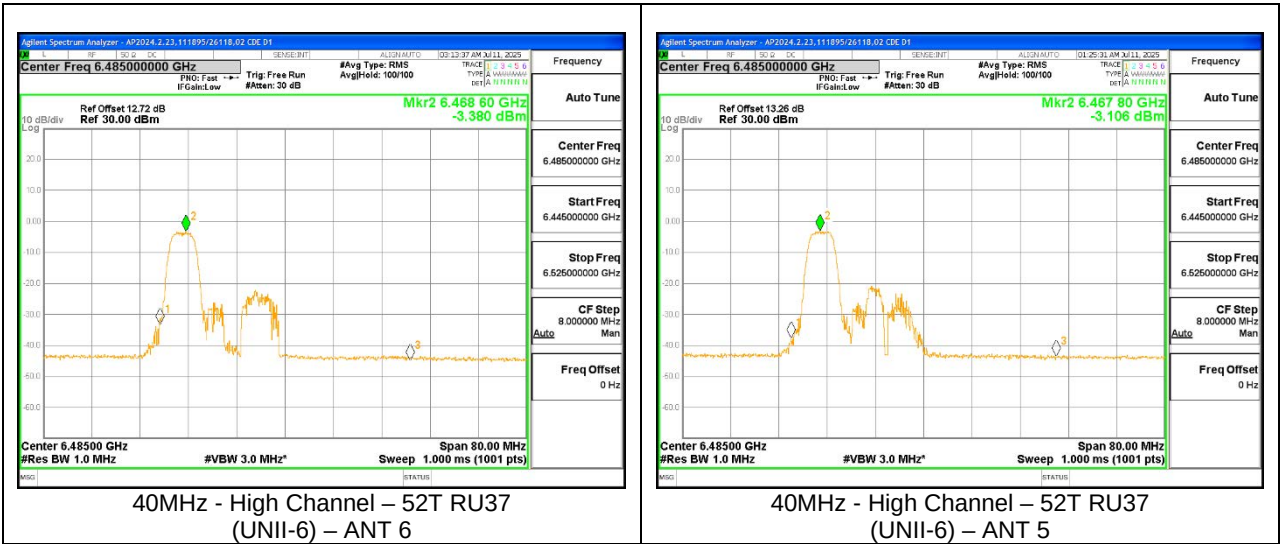
| LP SDM<br>UNII-6<br>(MIMO) | Duty Factor<br>(dB) |                | Un-<br>Correlated<br>Antenna<br>Gain<br>(dBi) | Correlated<br>Antenna<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone | RU<br>Index | Conducted<br>Power (Gated) |                    | EIRP MIMO<br>Power<br>(Limit = 24dBm<br>EIRP) | Conducted PSD<br>(dBm/MHz) |        | EIRP MIMO<br>PSD<br>(Limit = -1<br>dBm/MHz EIRP) |       |       |        |        |        |
|----------------------------|---------------------|----------------|-----------------------------------------------|----------------------------------------|--------------------|-------------------|------|-------------|----------------------------|--------------------|-----------------------------------------------|----------------------------|--------|--------------------------------------------------|-------|-------|--------|--------|--------|
|                            | SU                  | Partial<br>Rus |                                               |                                        |                    |                   |      |             | ANT 6                      | ANT 5              |                                               | ANT 6                      | ANT 5  |                                                  |       |       |        |        |        |
| 20MHz                      | 0                   | 0              | -1.80                                         | 1.21                                   | 6435               | 97                | SU   | --          | 7.96                       | 7.93               | 9.16                                          | -3.240                     | -3.114 | -1.966                                           |       |       |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   | 106  | 53          | 4.58                       | 4.64               | 5.82                                          | -3.247                     | -2.967 | -1.894                                           |       |       |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   |      | 54          | 4.59                       | 4.63               | 5.82                                          | -3.057                     | -3.111 | -1.874                                           |       |       |        |        |        |
|                            |                     |                |                                               |                                        | 6475               | 105               | SU   | --          | 7.88                       | 7.96               | 9.13                                          | -3.301                     | -3.062 | -1.970                                           |       |       |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   | 106  | 53          | 4.61                       | 4.62               | 5.83                                          | -2.959                     | -3.142 | -1.839                                           |       |       |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   |      | 54          | 4.65                       | 4.61               | 5.84                                          | -3.138                     | -3.209 | -1.963                                           |       |       |        |        |        |
|                            |                     |                |                                               |                                        | 6515               | 113               | SU   | --          | 7.98                       | 7.92               | 9.16                                          | -3.263                     | -3.000 | -1.919                                           |       |       |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   | 106  | 53          | 4.61                       | 4.57               | 5.80                                          | -3.407                     | -3.244 | -2.114                                           |       |       |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   |      | 54          | 4.64                       | 4.63               | 5.85                                          | -3.270                     | -3.464 | -2.156                                           |       |       |        |        |        |
| 40MHz                      | 0                   | 0              | -1.80                                         | 1.21                                   | 6445               | 99                | SU   | --          | 10.94                      | 10.92              | 12.14                                         | -3.186                     | -2.855 | -1.807                                           |       |       |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   | 52   | 37          | 1.43                       | 1.38               | 2.62                                          | -3.235                     | -3.538 | -2.174                                           |       |       |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   |      | 41          | 1.42                       | 1.44               | 2.64                                          | -3.560                     | -3.394 | -2.266                                           |       |       |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   |      | 44          | 1.40                       | 1.47               | 2.65                                          | -3.625                     | -3.652 | -2.428                                           |       |       |        |        |        |
|                            |                     |                |                                               |                                        | 6485               | 107               | SU   | --          | 10.93                      | 10.85              | 12.10                                         | -2.728                     | -2.900 | -1.603                                           |       |       |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   | 52   | 37          | 1.44                       | 1.45               | 2.66                                          | -3.380                     | -3.106 | -2.031                                           |       |       |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   |      | 41          | 1.45                       | 1.47               | 2.67                                          | -3.481                     | -3.528 | -2.294                                           |       |       |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   |      | 44          | 1.42                       | 1.43               | 2.64                                          | -3.582                     | -3.777 | -2.468                                           |       |       |        |        |        |
|                            |                     |                | 0.26                                          | 3.27                                   | 6525<br>(Straddle) | 115               | SU   | --          | 8.80                       | 8.77               | 12.06                                         | -5.253                     | -5.221 | -1.967                                           |       |       |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   | 52   | 37          | -0.48                      | -0.47              | 2.80                                          | -5.443                     | -5.515 | -2.209                                           |       |       |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   |      | 41          | -0.51                      | -0.53              | 2.75                                          | -5.801                     | -5.358 | -2.304                                           |       |       |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   |      | 44          | -0.47                      | -0.50              | 2.79                                          | -5.939                     | -5.864 | -2.631                                           |       |       |        |        |        |
|                            |                     |                |                                               |                                        | 80MHz              | 0                 | 0    | -1.80       | 1.21                       | 6465               | 103                                           | SU                         | --     | 13.68                                            | 13.75 | 14.93 | -3.499 | -3.246 | -2.160 |
|                            |                     |                |                                               |                                        |                    |                   |      |             |                            |                    |                                               | 484                        | 65     | 10.92                                            | 10.95 | 12.15 | -3.196 | -3.142 | -1.959 |
|                            |                     |                |                                               |                                        |                    |                   |      |             |                            |                    |                                               |                            | 66     | 10.91                                            | 10.93 | 12.13 | -3.032 | -3.006 | -1.809 |
|                            |                     |                |                                               |                                        | 160MHz             | 0                 | 0    | 0.26        | 3.27                       | 6505<br>(Straddle) | 111                                           | 106+26                     | SU     | --                                               | 14.64 | 14.65 | 17.92  | -5.713 | -5.630 |
| 82                         | 3.22                | 3.25           | 6.51                                          | -5.803                                 |                    |                   |      |             |                            |                    |                                               |                            | -5.766 | -2.514                                           |       |       |        |        |        |
| 89                         | 3.24                | 3.25           | 6.52                                          | -6.053                                 |                    |                   |      |             |                            |                    |                                               |                            | -6.131 | -2.822                                           |       |       |        |        |        |
| S89                        | 3.18                | 3.21           | 6.47                                          | -6.406                                 |                    |                   |      |             |                            |                    |                                               |                            | -6.407 | -3.136                                           |       |       |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   |      |             |                            |                    |                                               |                            |        |                                                  |       |       |        |        |        |

#### Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (ANT 6 + ANT 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Un-Correlated Antenna Gain (dBi)







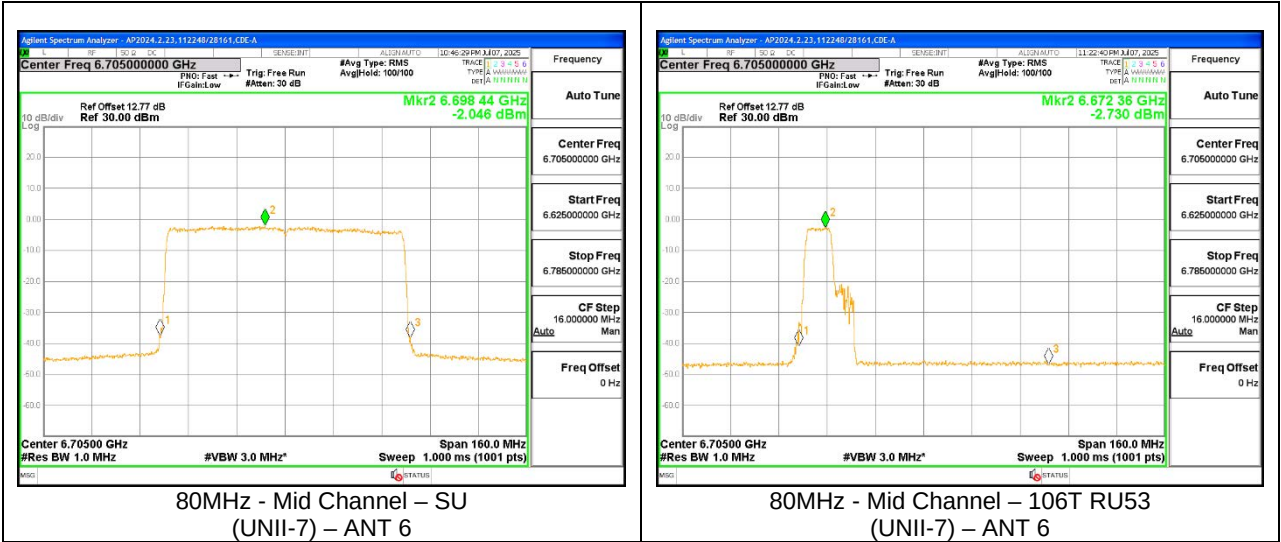
### 9.5.8. 802.11be SISO MODE IN THE UNII-7 BAND – LOW POWER

| LP<br>UNII-7<br>(SISO) | Duty Factor<br>(dB) |               | Ant 6<br>Gain<br>(dBi) | Ant 5<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone | RU<br>Index | Conducted<br>Power (Gated)<br>(dBm) |       | EIRP<br>Power<br>(Limit = 24dBm EIRP) |        | Conducted<br>PSD<br>(dBm/MHz) |        | EIRP<br>PSD<br>(Limit = -1 dBm/MHz EIRP) |        |        |        |        |        |        |
|------------------------|---------------------|---------------|------------------------|------------------------|--------------------|-------------------|------|-------------|-------------------------------------|-------|---------------------------------------|--------|-------------------------------|--------|------------------------------------------|--------|--------|--------|--------|--------|--------|
|                        | SU                  | Partial<br>RU |                        |                        |                    |                   |      |             | ANT 6                               | ANT 5 | ANT 6                                 | ANT 5  | ANT 6                         | ANT 5  | ANT 6                                    | ANT 5  |        |        |        |        |        |
| 20MHz                  | 0                   | 0             | -0.10                  | 0.60                   | 6535               | 117               | SU   | --          | 9.02                                | 8.53  | 8.92                                  | 9.13   | -1.563                        | -2.072 | -1.663                                   | -1.472 |        |        |        |        |        |
|                        |                     |               |                        |                        |                    |                   | 106  | 53          | 5.77                                | 5.03  | 5.67                                  | 5.63   | -1.605                        | -2.236 | -1.705                                   | -1.636 |        |        |        |        |        |
|                        |                     |               |                        |                        |                    |                   |      | 54          | 5.69                                | 4.98  | 5.59                                  | 5.58   | -1.519                        | -2.077 | -1.619                                   | -1.477 |        |        |        |        |        |
|                        |                     |               |                        |                        | 6715               | 153               | SU   | --          | 9.02                                | 8.47  | 8.92                                  | 9.07   | -1.701                        | -2.213 | -1.801                                   | -1.613 |        |        |        |        |        |
|                        |                     |               |                        |                        |                    |                   | 106  | 53          | 5.74                                | 5.04  | 5.64                                  | 5.64   | -1.333                        | -2.180 | -1.433                                   | -1.580 |        |        |        |        |        |
|                        |                     |               |                        |                        |                    |                   |      | 54          | 5.76                                | 5.06  | 5.66                                  | 5.66   | -1.294                        | -2.342 | -1.394                                   | -1.742 |        |        |        |        |        |
|                        |                     |               | -0.10                  | 0.60                   | 6875<br>(Straddle) | 185               | SU   | --          | 9.22                                | 8.44  | 9.12                                  | 9.04   | -1.662                        | -2.323 | -1.762                                   | -1.723 |        |        |        |        |        |
|                        |                     |               |                        |                        |                    |                   | 106  | 53          | 6.01                                | 5.32  | 5.91                                  | 5.92   | -1.791                        | -2.354 | -1.891                                   | -1.754 |        |        |        |        |        |
|                        |                     |               |                        |                        |                    |                   |      | 54          | 6.04                                | 5.26  | 5.94                                  | 5.86   | -1.441                        | -2.536 | -1.541                                   | -1.936 |        |        |        |        |        |
|                        |                     |               |                        |                        | 40MHz              | 0                 | 0    | -0.10       | 0.60                                | 6565  | 123                                   | SU     | --                            | 12.13  | 11.26                                    | 12.03  | 11.86  | -1.453 | -2.653 | -1.553 | -2.053 |
|                        |                     |               |                        |                        |                    |                   |      |             |                                     |       |                                       | 52     | 37                            | 2.78   | 1.94                                     | 2.68   | 2.54   | -1.895 | -2.906 | -1.995 | -2.306 |
|                        |                     |               |                        |                        |                    |                   |      |             |                                     |       |                                       |        | 41                            | 2.80   | 1.92                                     | 2.70   | 2.52   | -1.813 | -2.986 | -1.913 | -2.386 |
| 44                     | 2.72                | 1.90          | 2.62                   | 2.50                   |                    |                   |      |             |                                     |       |                                       |        | -2.126                        | -2.823 | -2.226                                   | -2.223 |        |        |        |        |        |
| 6685                   | 147                 | SU            | --                     | 12.14                  |                    |                   |      |             |                                     | 11.34 | 12.04                                 | 11.94  | -1.756                        | -2.858 | -1.856                                   | -2.258 |        |        |        |        |        |
|                        |                     | 52            | 37                     | 2.78                   |                    |                   |      |             |                                     | 1.96  | 2.68                                  | 2.56   | -1.924                        | -2.945 | -2.024                                   | -2.345 |        |        |        |        |        |
|                        |                     |               | 41                     | 2.87                   |                    |                   |      |             |                                     | 1.94  | 2.77                                  | 2.54   | -1.835                        | -3.004 | -1.935                                   | -2.404 |        |        |        |        |        |
|                        |                     |               | 44                     | 2.81                   |                    |                   |      |             |                                     | 1.93  | 2.71                                  | 2.53   | -2.099                        | -3.068 | -2.199                                   | -2.468 |        |        |        |        |        |
| 6845                   | 179                 | SU            | --                     | 12.14                  |                    |                   |      |             |                                     | 11.32 | 12.04                                 | 11.92  | -1.439                        | -3.040 | -1.539                                   | -2.440 |        |        |        |        |        |
|                        |                     | 52            | 37                     | 2.81                   |                    |                   |      |             |                                     | 1.90  | 2.71                                  | 2.50   | -1.894                        | -2.860 | -1.994                                   | -2.260 |        |        |        |        |        |
|                        |                     |               | 41                     | 2.84                   |                    |                   |      |             |                                     | 1.95  | 2.74                                  | 2.55   | -1.892                        | -3.124 | -1.992                                   | -2.524 |        |        |        |        |        |
|                        |                     |               | 44                     | 2.78                   |                    |                   |      |             |                                     | 1.94  | 2.68                                  | 2.54   | -2.126                        | -3.252 | -2.226                                   | -2.652 |        |        |        |        |        |
| 80MHz                  | 0                   | 0             | -0.10                  | 0.60                   | 6545<br>(Straddle) | 119               | SU   | --          | 15.41                               | 14.58 | 15.31                                 | 15.18  | -1.594                        | -2.439 | -1.694                                   | -1.839 |        |        |        |        |        |
|                        |                     |               |                        |                        |                    |                   | 106  | 53          | 6.03                                | 5.25  | 5.93                                  | 5.85   | -1.723                        | -2.552 | -1.823                                   | -1.952 |        |        |        |        |        |
|                        |                     |               |                        |                        |                    |                   |      | 56          | 6.01                                | 5.22  | 5.91                                  | 5.82   | -1.979                        | -2.772 | -2.079                                   | -2.172 |        |        |        |        |        |
|                        |                     |               |                        |                        |                    |                   |      | 60          | 6.00                                | 5.15  | 5.90                                  | 5.75   | -2.062                        | -2.937 | -2.162                                   | -2.337 |        |        |        |        |        |
|                        |                     |               |                        |                        | 6705               | 151               | SU   | --          | 15.27                               | 14.34 | 15.17                                 | 14.94  | -2.046                        | -2.616 | -2.146                                   | -2.016 |        |        |        |        |        |
|                        |                     |               |                        |                        |                    |                   | 106  | 53          | 5.72                                | 5.01  | 5.62                                  | 5.61   | -2.730                        | -3.249 | -2.830                                   | -2.649 |        |        |        |        |        |
|                        |                     |               | 56                     | 5.75                   |                    |                   |      | 5.06        | 5.65                                | 5.66  | -2.359                                | -3.159 | -2.459                        | -2.559 |                                          |        |        |        |        |        |        |
|                        |                     |               | 60                     | 5.77                   |                    |                   |      | 5.07        | 5.67                                | 5.67  | -2.818                                | -3.402 | -2.918                        | -2.802 |                                          |        |        |        |        |        |        |
|                        |                     |               | -0.10                  | 0.60                   | 6865<br>(Straddle) | 183               | SU   | --          | 15.21                               | 14.52 | 15.11                                 | 15.12  | -1.949                        | -2.795 | -2.049                                   | -2.195 |        |        |        |        |        |
|                        |                     |               |                        |                        |                    |                   | 106  | 53          | 5.92                                | 5.11  | 5.82                                  | 5.71   | -2.159                        | -3.566 | -2.259                                   | -2.966 |        |        |        |        |        |
|                        |                     |               |                        |                        |                    |                   |      | 56          | 5.94                                | 5.15  | 5.84                                  | 5.75   | -2.645                        | -3.207 | -2.745                                   | -2.607 |        |        |        |        |        |
|                        |                     |               |                        |                        |                    |                   |      | 60          | 5.93                                | 5.16  | 5.83                                  | 5.76   | -2.221                        | -3.490 | -2.321                                   | -2.890 |        |        |        |        |        |
| 160MHz                 | 0                   | 0             |                        |                        | -0.10              | 0.60              | 6665 | 143         | SU                                  | --    | 18.19                                 | 16.97  | 18.09                         | 17.57  | -1.947                                   | -3.238 | -2.047 | -2.638 |        |        |        |
|                        |                     |               |                        |                        |                    |                   |      |             | 996                                 | 67    | 15.15                                 | 14.29  | 15.05                         | 14.89  | -2.455                                   | -3.147 | -2.555 | -2.547 |        |        |        |
|                        |                     |               | S67                    | 15.17                  |                    |                   |      |             |                                     | 14.25 | 15.07                                 | 14.85  | -2.052                        | -3.034 | -2.152                                   | -2.434 |        |        |        |        |        |
|                        |                     |               | -0.10                  | 0.60                   | 6825<br>(Straddle) | 175               | SU   | --          | 18.10                               | 17.43 | 18.00                                 | 18.03  | -2.584                        | -3.222 | -2.684                                   | -2.622 |        |        |        |        |        |
|                        |                     |               |                        |                        |                    |                   | 996  | 67          | 15.20                               | 14.28 | 15.10                                 | 14.88  | -2.670                        | -3.742 | -2.770                                   | -3.142 |        |        |        |        |        |
|                        |                     |               |                        |                        |                    |                   |      | S67         | 15.20                               | 14.33 | 15.10                                 | 14.93  | -2.633                        | -3.294 | -2.733                                   | -2.694 |        |        |        |        |        |

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm)+ Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)





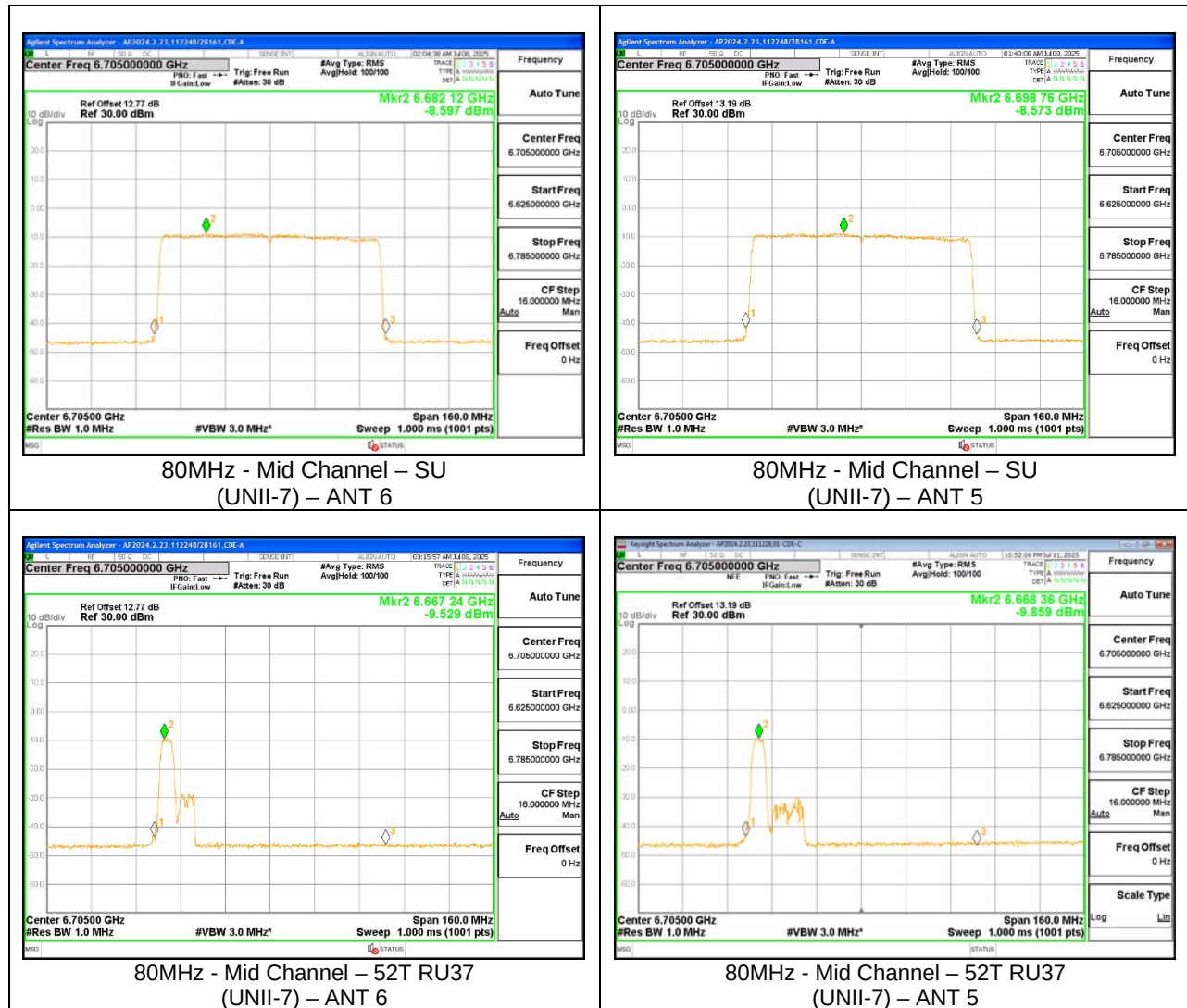
### 9.5.9. 802.11be MIMO CDD MODE IN THE UNII-7 BAND – LOW POWER

| LP CDD<br>UNII-7<br>(MIMO) | Duty Factor<br>(dB) |                    | Un-<br>Correlated<br>Antenna<br>Gain<br>(dBi) | Correlated<br>Antenna<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone               | RU<br>Index | Conducted<br>Power (Gated) |         | EIRP MIMO<br>Power<br>(Limit = 24dBm<br>EIRP) | Conducted PSD<br>(dBm/MHz) |        | EIRP MIMO<br>PSD<br>(Limit = -1<br>dBm/MHz EIRP) |        |        |        |        |
|----------------------------|---------------------|--------------------|-----------------------------------------------|----------------------------------------|--------------------|-------------------|--------------------|-------------|----------------------------|---------|-----------------------------------------------|----------------------------|--------|--------------------------------------------------|--------|--------|--------|--------|
|                            | SU                  | Partial<br>Rus     |                                               |                                        |                    |                   |                    |             | ANT 6                      | ANT 5   |                                               | ANT 6                      | ANT 5  |                                                  |        |        |        |        |
| 20MHz                      | 0                   | 0                  | 0.26                                          | 3.27                                   | 6535               | 117               | SU                 | --          | 2.62                       | 2.62    | 5.89                                          | -8.165                     | -8.023 | -1.813                                           |        |        |        |        |
|                            |                     |                    |                                               |                                        |                    |                   | 106+26             | 82          | 0.19                       | 0.18    | 3.46                                          | -8.303                     | -7.861 | -1.796                                           |        |        |        |        |
|                            |                     |                    |                                               |                                        |                    |                   |                    | 83          | 0.22                       | 0.23    | 3.50                                          | -8.071                     | -7.587 | -1.542                                           |        |        |        |        |
|                            |                     |                    |                                               |                                        | 6715               | 153               | SU                 | --          | 2.63                       | 2.56    | 5.87                                          | -7.991                     | -8.332 | -1.878                                           |        |        |        |        |
|                            |                     |                    |                                               |                                        |                    |                   | 106+26             | 82          | 0.22                       | 0.25    | 3.51                                          | -8.008                     | -7.727 | -1.585                                           |        |        |        |        |
|                            |                     |                    |                                               |                                        |                    |                   |                    | 83          | 0.25                       | 0.21    | 3.50                                          | -8.169                     | -7.870 | -1.737                                           |        |        |        |        |
|                            |                     |                    | 0.26                                          | 3.27                                   | 6875<br>(Straddle) | 185               | SU                 | --          | 2.86                       | 2.82    | 6.11                                          | -7.956                     | -8.015 | -1.705                                           |        |        |        |        |
|                            |                     |                    |                                               |                                        |                    |                   | 106+26             | 82          | 0.35                       | 0.30    | 3.60                                          | -8.231                     | -7.863 | -1.763                                           |        |        |        |        |
|                            |                     |                    |                                               |                                        |                    |                   |                    | 83          | 0.33                       | 0.31    | 3.59                                          | -8.081                     | -8.353 | -1.935                                           |        |        |        |        |
|                            |                     |                    |                                               |                                        |                    |                   |                    |             |                            |         |                                               |                            |        |                                                  |        |        |        |        |
| 40MHz                      | 0                   | 0                  | 0.26                                          | 3.27                                   | 6565               | 123               | SU                 | --          | 5.72                       | 5.70    | 8.98                                          | -9.073                     | -9.147 | -2.830                                           |        |        |        |        |
|                            |                     |                    |                                               |                                        |                    |                   | 106                | 53          | -0.74                      | -0.71   | 2.55                                          | -9.832                     | -9.326 | -3.291                                           |        |        |        |        |
|                            |                     |                    |                                               |                                        |                    |                   |                    | 54          | -0.68                      | -0.72   | 2.57                                          | -8.841                     | -9.363 | -2.814                                           |        |        |        |        |
|                            |                     |                    |                                               |                                        |                    |                   |                    | 56          | -0.64                      | -0.67   | 2.62                                          | -8.996                     | -8.968 | -2.702                                           |        |        |        |        |
|                            |                     |                    |                                               |                                        |                    |                   | 6685               | 147         | SU                         | --      | 5.76                                          | 5.68                       | 8.99   | -8.268                                           | -8.949 | -2.315 |        |        |
|                            |                     |                    |                                               |                                        |                    |                   |                    |             | 106                        | 53      | -0.71                                         | -0.67                      | 2.58   | -8.796                                           | -9.291 | -2.756 |        |        |
|                            |                     |                    |                                               |                                        | 54                 | -0.68             |                    |             |                            | -0.66   | 2.60                                          | -8.258                     | -8.896 | -2.285                                           |        |        |        |        |
|                            |                     |                    |                                               |                                        | 56                 | -0.65             | -0.69              | 2.60        | -8.669                     | -9.111  | -2.604                                        |                            |        |                                                  |        |        |        |        |
|                            |                     |                    |                                               |                                        | 6845               | 179               | SU                 | --          | 5.74                       | 5.74    | 9.01                                          | -8.970                     | -8.903 | -2.656                                           |        |        |        |        |
|                            |                     |                    |                                               |                                        |                    |                   | 106                | 53          | -0.66                      | -0.65   | 2.62                                          | -9.480                     | -9.664 | -3.291                                           |        |        |        |        |
|                            |                     |                    |                                               |                                        |                    |                   |                    | 54          | -0.70                      | -0.69   | 2.58                                          | -9.281                     | -9.555 | -3.136                                           |        |        |        |        |
|                            |                     |                    |                                               |                                        |                    |                   |                    | 56          | -0.65                      | -0.63   | 2.63                                          | -9.352                     | -9.769 | -3.275                                           |        |        |        |        |
|                            |                     |                    |                                               |                                        |                    |                   | 6545<br>(Straddle) | 119         | SU                         | --      | 9.02                                          | 9.04                       | 12.30  | -7.867                                           | -7.873 | -1.590 |        |        |
|                            |                     |                    |                                               |                                        |                    |                   |                    |             | 52                         | 37      | -3.59                                         | -3.57                      | -0.31  | -8.498                                           | -8.331 | -2.133 |        |        |
| 45                         | -3.64               | -3.65              | -0.37                                         | -8.417                                 | -8.486             | -2.171            |                    |             |                            |         |                                               |                            |        |                                                  |        |        |        |        |
| 52                         | -3.62               | -3.60              | -0.34                                         | -8.538                                 | -8.995             | -2.480            |                    |             |                            |         |                                               |                            |        |                                                  |        |        |        |        |
| 6705                       | 151                 | SU                 | --                                            | 8.66                                   | 8.70               | 11.95             |                    |             | -8.597                     | -8.573  | -2.305                                        |                            |        |                                                  |        |        |        |        |
|                            |                     | 52                 | 37                                            | -3.90                                  | -3.93              | -0.64             |                    |             | -9.529                     | -9.859  | -3.411                                        |                            |        |                                                  |        |        |        |        |
|                            |                     |                    | 45                                            | -3.86                                  | -3.89              | -0.60             |                    |             | -9.259                     | -9.808  | -3.245                                        |                            |        |                                                  |        |        |        |        |
|                            |                     |                    | 52                                            | -3.94                                  | -3.91              | -0.65             |                    |             | -9.596                     | -10.112 | -3.566                                        |                            |        |                                                  |        |        |        |        |
|                            |                     | 6865<br>(Straddle) | 183                                           | SU                                     | --                 | 8.82              | 8.80               | 12.08       | -8.879                     | -8.612  | -2.463                                        |                            |        |                                                  |        |        |        |        |
|                            |                     |                    |                                               | 52                                     | 37                 | -3.54             | -3.60              | -0.30       | -9.539                     | -9.879  | -3.425                                        |                            |        |                                                  |        |        |        |        |
| 45                         | -3.53               |                    |                                               |                                        | -3.55              | -0.27             | -9.251             | -9.593      | -3.138                     |         |                                               |                            |        |                                                  |        |        |        |        |
| 52                         | -3.58               |                    |                                               |                                        | -3.57              | -0.30             | -8.974             | -9.897      | -3.131                     |         |                                               |                            |        |                                                  |        |        |        |        |
| 160MHz                     | 0                   |                    |                                               | 0                                      | 0.26               | 3.27              | 6665               | 143         | SU                         | --      | 11.41                                         | 11.38                      | 14.67  | -9.252                                           | -9.353 | -3.022 |        |        |
|                            |                     |                    |                                               |                                        |                    |                   |                    |             | 106+26                     | 82      | 0.35                                          | 0.34                       | 3.62   | -9.935                                           | -9.107 | -3.221 |        |        |
|                            |                     | 89                 | 0.32                                          |                                        |                    |                   |                    |             |                            | 0.29    | 3.58                                          | -9.616                     | -9.230 | -3.138                                           |        |        |        |        |
|                            |                     | S89                | 0.34                                          |                                        |                    |                   |                    |             |                            | 0.28    | 3.58                                          | -9.316                     | -9.581 | -3.166                                           |        |        |        |        |
|                            |                     | 0.26               | 3.27                                          |                                        |                    |                   |                    |             | 6825<br>(Straddle)         | 175     | SU                                            | --                         | 11.73  | 11.75                                            | 15.01  | -9.000 | -9.130 | -2.784 |
|                            |                     |                    |                                               |                                        |                    |                   |                    |             |                            |         | 106+26                                        | 82                         | 0.23   | 0.20                                             | 3.49   | -9.721 | -9.800 | -3.480 |
|                            |                     |                    |                                               |                                        | 89                 | 0.22              | 0.26               | 3.51        |                            |         |                                               | -9.006                     | -9.416 | -2.926                                           |        |        |        |        |
|                            |                     |                    |                                               |                                        | S89                | 0.24              | 0.27               | 3.53        |                            |         |                                               | -9.584                     | -9.536 | -3.280                                           |        |        |        |        |

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (ANT 6 + ANT 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)



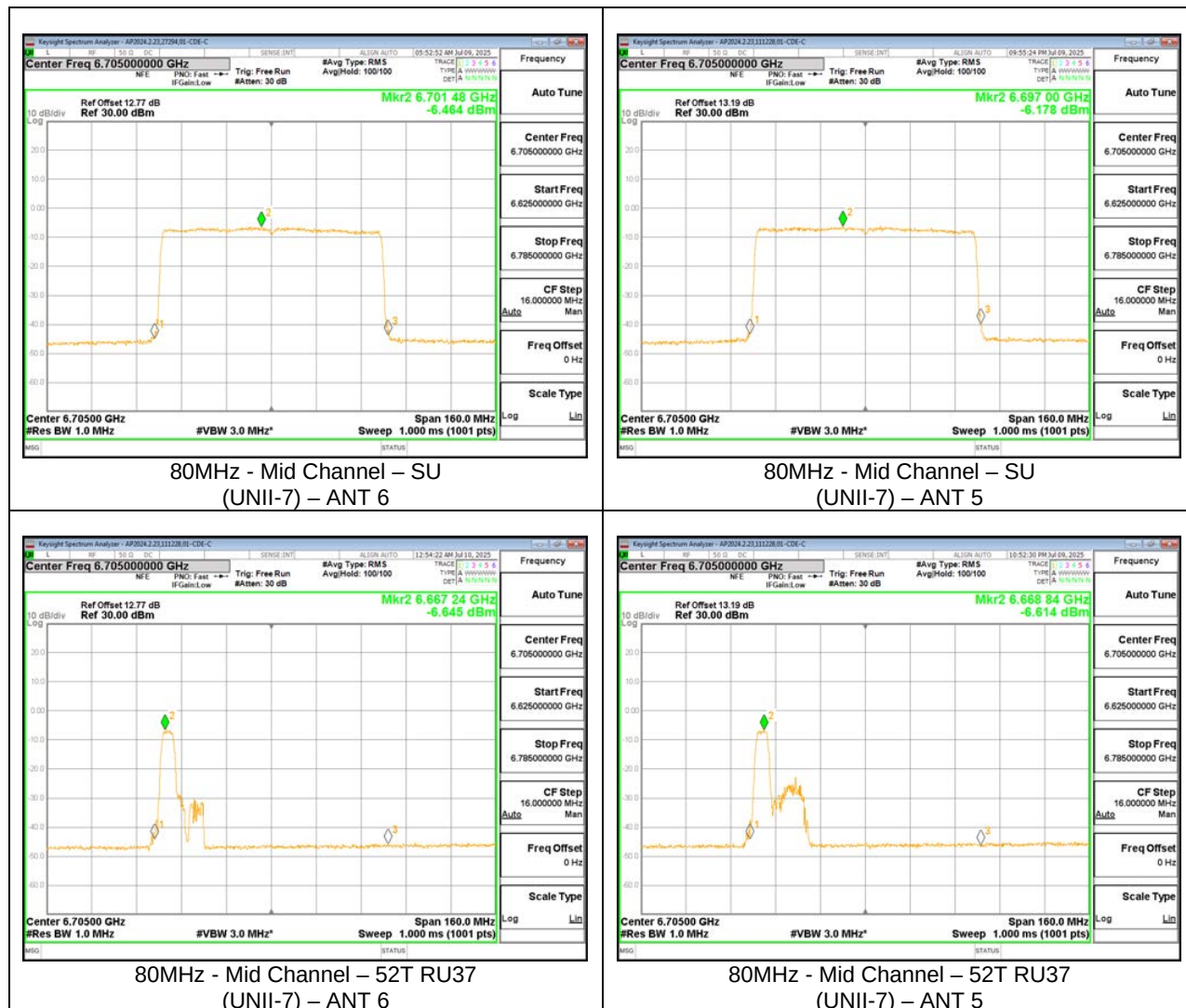
**9.5.10. 802.11be MIMO SDM MODE IN THE UNII-7 BAND – LOW POWER**

| LP SDM<br>UNII-7<br>(MIMO) | Duty Factor<br>(dB) |                | Un-<br>Correlated<br>Antenna<br>Gain<br>(dBi) | Correlated<br>Antenna<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone   | RU<br>Index | Conducted<br>Power (Gated) |       | EIRP MIMO<br>Power<br>(Limit = 24dBm<br>EIRP) | Conducted PSD<br>(dBm/MHz) |        | EIRP MIMO<br>PSD<br>(Limit = -1<br>dBm/MHz EIRP) |
|----------------------------|---------------------|----------------|-----------------------------------------------|----------------------------------------|--------------------|-------------------|--------|-------------|----------------------------|-------|-----------------------------------------------|----------------------------|--------|--------------------------------------------------|
|                            | SU                  | Partial<br>Rus |                                               |                                        |                    |                   |        |             | ANT 6                      | ANT 5 |                                               | ANT 6                      | ANT 5  |                                                  |
| 20MHz                      | 0                   | 0              | 0.26                                          | 3.27                                   | 6535               | 117               | SU     | --          | 5.55                       | 5.56  | 8.83                                          | -5.772                     | -5.913 | -2.572                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 3.22                       | 3.19  | 6.48                                          | -5.705                     | -5.523 | -2.343                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 83          | 3.21                       | 3.20  | 6.48                                          | -5.608                     | -5.888 | -2.475                                           |
|                            |                     |                |                                               |                                        | 6715               | 153               | SU     | --          | 5.70                       | 5.64  | 8.94                                          | -6.100                     | -6.292 | -2.925                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 3.21                       | 3.25  | 6.50                                          | -6.044                     | -5.869 | -2.685                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 83          | 3.18                       | 2.21  | 5.99                                          | -5.900                     | -6.131 | -2.744                                           |
|                            |                     |                | 0.26                                          | 3.27                                   | 6875<br>(Straddle) | 185               | SU     | --          | 5.80                       | 5.82  | 9.08                                          | -5.997                     | -6.205 | -2.829                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 3.29                       | 3.22  | 6.53                                          | -6.161                     | -6.017 | -2.818                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 83          | 3.30                       | 3.32  | 6.58                                          | -6.123                     | -6.181 | -2.882                                           |
| 40MHz                      | 0                   | 0              | 0.26                                          | 3.27                                   | 6565               | 123               | SU     | --          | 8.73                       | 8.68  | 11.98                                         | -5.784                     | -5.564 | -2.402                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106    | 53          | 2.32                       | 2.32  | 5.59                                          | -5.988                     | -5.975 | -2.711                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 54          | 2.32                       | 2.34  | 5.60                                          | -5.431                     | -5.463 | -2.177                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 56          | 2.31                       | 2.33  | 5.59                                          | -5.549                     | -5.767 | -2.386                                           |
|                            |                     |                |                                               |                                        | 6685               | 147               | SU     | --          | 8.69                       | 8.73  | 11.98                                         | -6.479                     | -6.051 | -2.989                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106    | 53          | 2.36                       | 2.27  | 5.59                                          | -6.257                     | -6.897 | -3.295                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 54          | 2.32                       | 2.29  | 5.58                                          | -6.042                     | -6.563 | -3.024                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 56          | 2.31                       | 2.34  | 5.60                                          | -6.311                     | -6.095 | -2.931                                           |
|                            |                     |                |                                               |                                        | 6845               | 179               | SU     | --          | 8.71                       | 8.68  | 11.97                                         | -6.754                     | -6.671 | -3.442                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106    | 53          | 2.34                       | 2.31  | 5.60                                          | -6.519                     | -6.565 | -3.272                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 54          | 2.27                       | 2.26  | 5.54                                          | -6.277                     | -6.899 | -3.307                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 56          | 2.33                       | 2.29  | 5.58                                          | -6.431                     | -6.471 | -3.181                                           |
| 80MHz                      | 0                   | 0              | 0.26                                          | 3.27                                   | 6545<br>(Straddle) | 119               | SU     | --          | 12.03                      | 12.06 | 15.32                                         | -5.641                     | -5.343 | -2.219                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52     | 37          | -0.62                      | -0.55 | 2.69                                          | -6.110                     | -6.159 | -2.864                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 45          | -0.59                      | -0.61 | 2.67                                          | -5.371                     | -5.369 | -2.100                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 52          | -0.59                      | -0.57 | 2.69                                          | -5.546                     | -5.977 | -2.486                                           |
|                            |                     |                | 0.26                                          | 3.27                                   | 6705               | 151               | SU     | --          | 11.75                      | 11.69 | 14.99                                         | -6.464                     | -6.178 | -3.048                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52     | 37          | -0.87                      | -0.86 | 2.41                                          | -6.645                     | -6.614 | -3.359                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 45          | -0.91                      | -0.92 | 2.36                                          | -6.501                     | -7.004 | -3.475                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 52          | -0.86                      | -0.93 | 2.38                                          | -6.546                     | -6.761 | -3.382                                           |
|                            |                     |                | 0.26                                          | 3.27                                   | 6865<br>(Straddle) | 183               | SU     | --          | 11.79                      | 11.73 | 15.03                                         | -6.480                     | -6.244 | -3.090                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52     | 37          | -0.63                      | -0.65 | 2.63                                          | -6.359                     | -6.413 | -3.116                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 45          | -0.65                      | -0.63 | 2.63                                          | -6.306                     | -6.492 | -3.128                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 52          | -0.58                      | -0.56 | 2.70                                          | -6.373                     | -6.571 | -3.201                                           |
| 160MHz                     | 0                   | 0              | 0.26                                          | 3.27                                   | 6665               | 143               | SU     | --          | 14.38                      | 14.36 | 17.64                                         | -5.811                     | -6.029 | -2.648                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 3.34                       | 3.32  | 6.60                                          | -6.047                     | -5.637 | -2.567                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 89          | 3.37                       | 3.31  | 6.61                                          | -5.967                     | -6.155 | -2.790                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | S89         | 3.30                       | 3.33  | 6.59                                          | -6.660                     | -6.336 | -3.225                                           |
|                            |                     |                | 0.26                                          | 3.27                                   | 6825<br>(Straddle) | 175               | SU     | --          | 14.65                      | 14.68 | 17.94                                         | -6.147                     | -6.117 | -2.862                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 3.18                       | 3.24  | 6.48                                          | -6.507                     | -6.219 | -3.090                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 89          | 3.23                       | 3.18  | 6.48                                          | -6.227                     | -6.288 | -3.247                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | S89         | 3.22                       | 3.19  | 6.48                                          | -6.649                     | -6.920 | -3.512                                           |

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (ANT 6 + ANT 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Un-Correlated Antenna Gain (dBi)



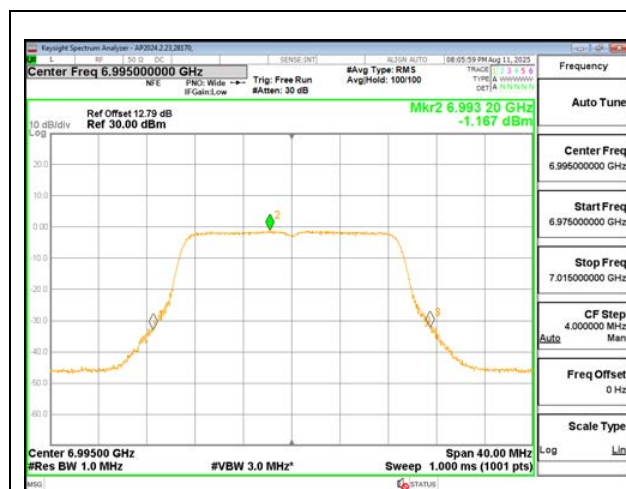
### 9.5.11. 802.11a SISO MODE IN THE UNII-8 BAND – LOW POWER

| UNII-5 (SISO) | Duty Factor (dB) | ANT 6 Gain (dBi) | ANT 5 Gain (dBi) | Frequency (MHz) | Channel Number | Mode | Conducted Power (Gated) (dBm) |       | EIRP Power (Limit = 24dBm EIRP) |       | Conducted PSD (dBm/MHz) |         | EIRP PSD (Limit = -1 dBm/MHz EIRP) |         |
|---------------|------------------|------------------|------------------|-----------------|----------------|------|-------------------------------|-------|---------------------------------|-------|-------------------------|---------|------------------------------------|---------|
|               |                  |                  |                  |                 |                |      | ANT 6                         | ANT 5 | ANT 6                           | ANT 5 | ANT 6                   | ANT 5   | ANT 6                              | ANT 5   |
| 20MHz         | 0                | -0.7             | -2.6             | 6895            | 189            | 11a  | 10.05                         | 11.71 | 9.35                            | 9.11  | -1.508                  | 0.261   | -2.208                             | -2.339  |
|               |                  |                  |                  | 6995            | 209            |      | 10.08                         | 11.72 | 9.38                            | 9.12  | -1.167                  | 0.450   | -1.867                             | -2.150  |
|               |                  |                  |                  | 7115            | 233            |      | -5.54                         | -5.52 | -6.24                           | -8.12 | -17.315                 | -17.396 | -18.015                            | -19.996 |

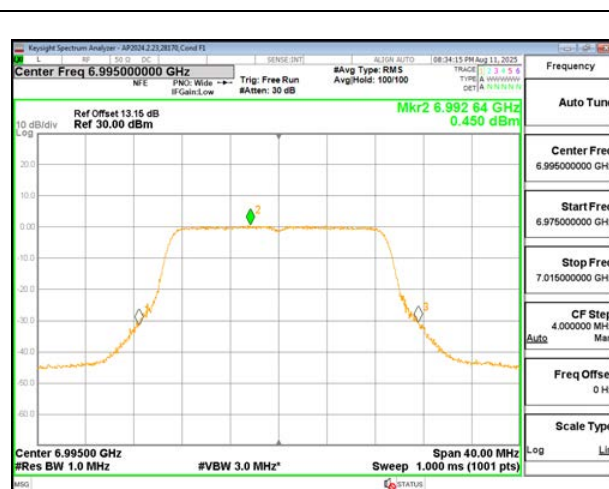
Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm)+ Peak Antenna Gain (dBi)

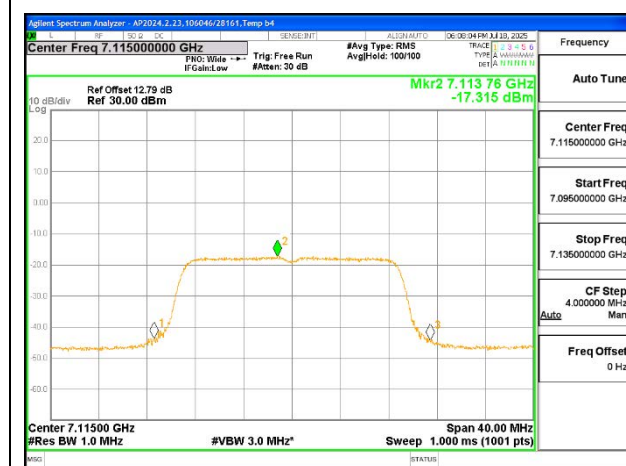
EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)



20MHz – 6995MHz – 11a  
(UNII-8) – ANT 6



20MHz – 6995MHz – 11a  
(UNII-8) – ANT 5



20MHz – 7115MHz – 11a  
(UNII-8) – ANT 6



20MHz – 7115MHz – 11a  
(UNII-8) – ANT 5

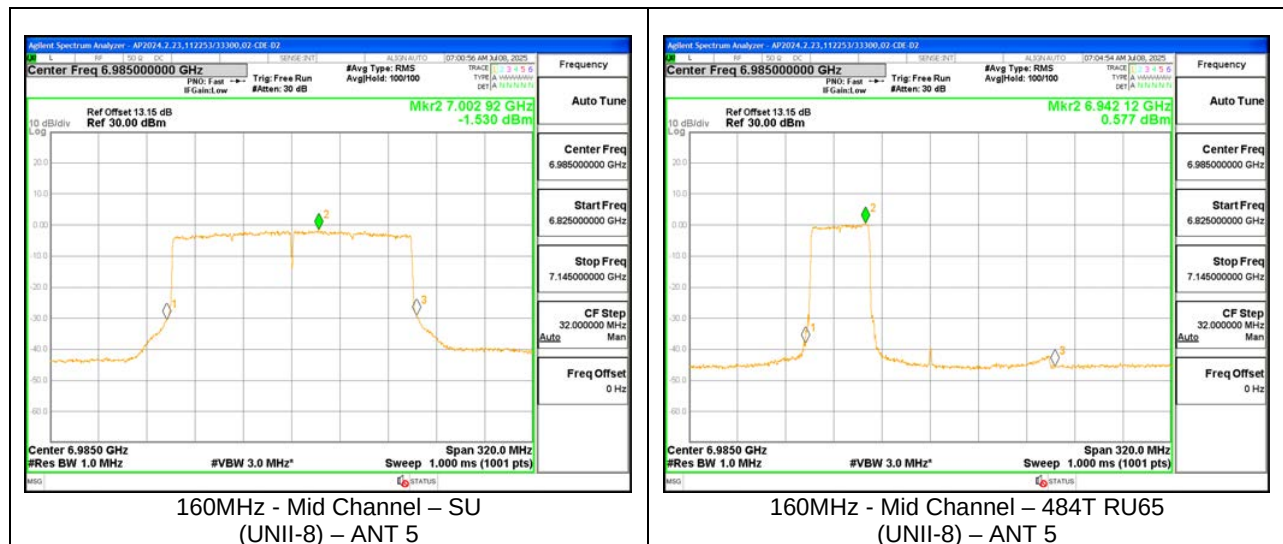
### 9.5.12. 802.11be SISO MODE IN THE UNII-8 BAND – LOW POWER

| LP<br>UNII-8<br>(SISO) | Duty Factor<br>(dB) |               | Ant 6<br>Gain<br>(dBi) | Ant 5<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone   | RU<br>Index | Conducted<br>Power (Gated)<br>(dBm) |        | EIRP<br>Power<br>(Limit = 24dBm EIRP) |        | Conducted<br>PSD<br>(dBm/MHz) |        | EIRP<br>PSD<br>(Limit = -1 dBm/MHz EIRP) |        |
|------------------------|---------------------|---------------|------------------------|------------------------|--------------------|-------------------|--------|-------------|-------------------------------------|--------|---------------------------------------|--------|-------------------------------|--------|------------------------------------------|--------|
|                        | SU                  | Partial<br>RU |                        |                        |                    |                   |        |             | ANT 6                               | ANT 5  | ANT 6                                 | ANT 5  | ANT 6                         | ANT 5  | ANT 6                                    | ANT 5  |
| 20MHz                  | 0                   | 0             | -0.70                  | -2.60                  | 6895               | 189               | SU     | --          | 10.05                               | 11.64  | 9.35                                  | 9.04   | -2.134                        | -0.429 | -2.834                                   | -3.029 |
|                        |                     |               |                        |                        |                    |                   | 106+26 | 82          | 7.41                                | 8.93   | 6.71                                  | 6.33   | -2.266                        | -0.560 | -2.966                                   | -3.160 |
|                        |                     |               |                        |                        |                    |                   |        | 83          | 7.42                                | 8.91   | 6.72                                  | 6.31   | -2.096                        | -0.725 | -2.796                                   | -3.325 |
|                        |                     |               |                        |                        | 6995               | 209               | SU     | --          | 10.00                               | 11.64  | 9.30                                  | 9.04   | -1.897                        | -0.419 | -2.597                                   | -3.019 |
|                        |                     |               |                        |                        |                    |                   | 106+26 | 82          | 7.41                                | 8.94   | 6.71                                  | 6.34   | -2.290                        | -0.673 | -2.990                                   | -3.273 |
|                        |                     |               |                        |                        |                    |                   |        | 83          | 7.43                                | 8.91   | 6.73                                  | 6.31   | -2.124                        | -0.677 | -2.824                                   | -3.277 |
|                        |                     |               |                        |                        | 7095               | 229               | SU     | --          | 10.21                               | 11.81  | 9.51                                  | 9.21   | -2.121                        | -0.401 | -2.821                                   | -3.001 |
|                        |                     |               |                        |                        |                    |                   | 106+26 | 82          | 7.63                                | 9.53   | 6.93                                  | 6.93   | -2.192                        | -0.135 | -2.892                                   | -2.735 |
|                        |                     |               |                        |                        |                    |                   |        | 83          | 7.61                                | 9.52   | 6.91                                  | 6.92   | -2.242                        | -0.211 | -2.942                                   | -2.811 |
| 40MHz                  | 0                   | 0             | -0.10                  | 0.60                   | 6885<br>(Straddle) | 187               | SU     | --          | 12.32                               | 11.52  | 12.22                                 | 12.12  | -3.176                        | -3.603 | -3.276                                   | -3.003 |
|                        |                     |               |                        |                        |                    |                   | 52+26  | 70          | 4.42                                | 4.02   | 4.32                                  | 4.62   | -3.699                        | -4.401 | -3.799                                   | -3.801 |
|                        |                     |               |                        |                        |                    |                   |        | 72          | 4.41                                | 4.04   | 4.31                                  | 4.64   | -3.755                        | -4.198 | -3.855                                   | -3.598 |
|                        |                     |               |                        |                        |                    |                   |        | 75          | 4.40                                | 4.00   | 4.30                                  | 4.60   | -3.583                        | -4.405 | -3.683                                   | -3.805 |
|                        |                     |               |                        |                        | 6965               | 203               | SU     | --          | 12.74                               | 14.84  | 12.04                                 | 12.24  | -2.430                        | -0.115 | -3.130                                   | -2.715 |
|                        |                     |               |                        |                        |                    |                   | 52+26  | 70          | 5.23                                | 7.13   | 4.53                                  | 4.53   | -2.458                        | -1.204 | -3.158                                   | -3.804 |
|                        |                     |               |                        |                        |                    |                   |        | 72          | 5.21                                | 7.12   | 4.51                                  | 4.52   | -2.668                        | -1.002 | -3.368                                   | -3.602 |
|                        |                     |               | 7085                   | 227                    | 75                 | 5.24              | 7.10   | 4.54        | 4.50                                | -2.700 | -1.075                                | -3.400 | -3.675                        |        |                                          |        |
|                        |                     |               |                        |                        | SU                 | --                | 13.00  | 14.92       | 12.30                               | 12.32  | -2.332                                | -0.149 | -3.032                        | -2.749 |                                          |        |
|                        |                     |               |                        |                        | 52+26              | 70                | 5.42   | 7.20        | 4.72                                | 4.60   | -2.393                                | -1.240 | -3.093                        | -3.840 |                                          |        |
|                        |                     |               |                        |                        |                    | 72                | 5.44   | 7.22        | 4.74                                | 4.62   | -2.449                                | -1.183 | -3.149                        | -3.783 |                                          |        |
|                        |                     |               |                        |                        |                    | 75                | 5.42   | 7.22        | 4.72                                | 4.62   | -2.389                                | -1.114 | -3.089                        | -3.714 |                                          |        |
|                        |                     |               |                        |                        | 80MHz              | 0                 | 0      | -0.70       | -2.60                               | 6945   | 199                                   | SU     | --                            | 16.13  | 17.82                                    | 15.43  |
| 484                    | 65                  | 12.71         | 14.81                  | 12.01                  |                    |                   |        |             |                                     |        |                                       | 12.21  | -1.984                        | 0.187  | -2.684                                   | -2.413 |
|                        | 66                  | 12.72         | 14.84                  | 12.02                  |                    |                   |        |             |                                     |        |                                       | 12.24  | -2.016                        | 0.118  | -2.716                                   | -2.482 |
| -0.70                  | -2.60               | 7025          | 215                    | SU                     |                    |                   |        | --          | 16.01                               | 17.84  | 15.31                                 | 15.24  | -1.760                        | 0.259  | -2.460                                   | -2.341 |
|                        |                     |               |                        | 484                    |                    |                   |        | 65          | 12.71                               | 14.82  | 12.01                                 | 12.22  | -2.214                        | 0.112  | -2.914                                   | -2.488 |
|                        |                     |               |                        |                        |                    |                   |        | 66          | 12.73                               | 14.83  | 12.03                                 | 12.23  | -2.109                        | 0.158  | -2.809                                   | -2.442 |
| 160MHz                 | 0                   | 0             | -0.70                  | -2.60                  | 6985               | 207               | SU     | --          | 18.94                               | 18.42  | 18.24                                 | 15.82  | -1.304                        | -1.530 | -2.004                                   | -4.130 |
|                        |                     |               |                        |                        |                    |                   | 484    | 65          | 12.71                               | 14.82  | 12.01                                 | 12.22  | -1.561                        | 0.577  | -2.261                                   | -2.023 |
|                        |                     |               |                        |                        |                    |                   |        | 66          | 12.75                               | 14.80  | 12.05                                 | 12.20  | -1.509                        | 0.464  | -2.209                                   | -2.136 |
|                        |                     |               |                        |                        |                    |                   |        | S66         | 12.73                               | 14.75  | 12.03                                 | 12.15  | -1.890                        | 0.547  | -2.590                                   | -2.053 |
|                        |                     |               |                        |                        |                    |                   |        |             |                                     |        |                                       |        |                               |        |                                          |        |

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm) + Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)





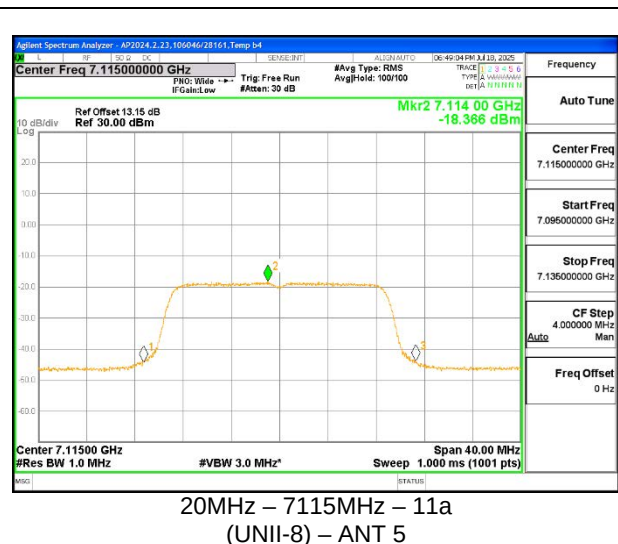
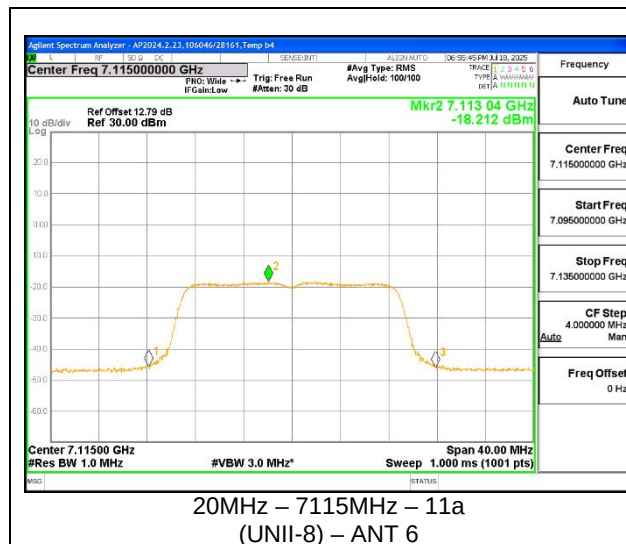
### 9.5.13. 802.11a MIMO MODE IN THE UNII-8 BAND – LOW POWER

| UNII-5 (MIMO) | Duty Factor (dB) | Un-Correlated Antenna Gain (dBi) | Correlated Antenna Gain (dBi) | Frequency (MHz) | Channel Number | Mode | Conducted Power (Gated) |       | EIRP MIMO Power (Limit = 24dBm EIRP) | Conducted PSD (dBm/MHz) |         | EIRP MIMO PSD (Limit = -1 dBm/MHz EIRP) |
|---------------|------------------|----------------------------------|-------------------------------|-----------------|----------------|------|-------------------------|-------|--------------------------------------|-------------------------|---------|-----------------------------------------|
|               |                  |                                  |                               |                 |                |      | ANT 6                   | ANT 5 |                                      | ANT 6                   | ANT 5   |                                         |
| 20MHz         | 0                | -1.55                            | 1.41                          | 7115            | 233            | 11a  | -6.52                   | -6.54 | -5.07                                | -18.212                 | -18.366 | -13.868                                 |

**Note:**

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (ANT 6 + ANT 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)



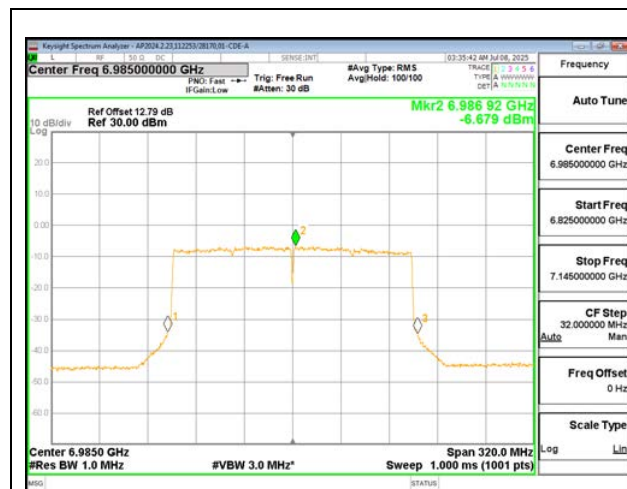
### 9.5.14. 802.11be MIMO CDD MODE IN THE UNII-8 BAND – LOW POWER

| LP CDD<br>UNII-8<br>(MIMO) | Duty Factor<br>(dB) |                | Un-<br>Correlated<br>Antenna<br>Gain<br>(dBi) | Correlated<br>Antenna<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone   | RU<br>Index | Conducted<br>Power (Gated) |        | EIRP MIMO<br>Power<br>(Limit = 24dBm<br>EIRP) | Conducted PSD<br>(dBm/MHz) |        | EIRP MIMO<br>PSD<br>(Limit = -1<br>dBm/MHz EIRP) |
|----------------------------|---------------------|----------------|-----------------------------------------------|----------------------------------------|--------------------|-------------------|--------|-------------|----------------------------|--------|-----------------------------------------------|----------------------------|--------|--------------------------------------------------|
|                            | SU                  | Partial<br>Rus |                                               |                                        |                    |                   |        |             | ANT 6                      | ANT 5  |                                               | ANT 6                      | ANT 5  |                                                  |
| 20MHz                      | 0                   | 0              | -1.55                                         | 1.41                                   | 6895               | 189               | SU     | --          | 4.51                       | 4.54   | 5.99                                          | -7.302                     | -7.166 | -2.813                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 1.81                       | 1.83   | 3.28                                          | -7.633                     | -7.775 | -3.283                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 83          | 1.83                       | 1.82   | 3.29                                          | -7.264                     | -7.903 | -3.151                                           |
|                            |                     |                |                                               |                                        | 6995               | 209               | SU     | --          | 4.54                       | 4.53   | 6.00                                          | -7.156                     | -7.018 | -2.666                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 1.82                       | 1.84   | 3.29                                          | -7.606                     | -7.882 | -3.322                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 83          | 1.83                       | 1.80   | 3.28                                          | -7.466                     | -7.903 | -3.259                                           |
|                            |                     |                |                                               |                                        | 7095               | 233               | SU     | --          | 4.70                       | 4.74   | 6.18                                          | -7.125                     | -7.273 | -2.778                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 2.42                       | 2.43   | 3.89                                          | -7.309                     | -7.278 | -2.873                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 83          | 2.40                       | 2.43   | 3.88                                          | -7.139                     | -7.420 | -2.857                                           |
| 40MHz                      | 0                   | 0              | 0.26                                          | 3.27                                   | 6885<br>(Straddle) | 187               | SU     | --          | 5.93                       | 5.91   | 9.19                                          | -9.398                     | -9.403 | -3.120                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106    | 53          | -0.38                      | -0.38  | 2.89                                          | -9.408                     | -9.765 | -3.303                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 54          | -0.36                      | -0.39  | 2.90                                          | -9.296                     | -9.499 | -3.116                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 56          | -0.39                      | -0.36  | 2.90                                          | -9.160                     | -9.381 | -2.989                                           |
|                            |                     |                |                                               |                                        | 6965               | 203               | SU     | --          | 7.52                       | 7.53   | 8.99                                          | -7.410                     | -7.606 | -3.087                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106    | 53          | 1.12                       | 1.14   | 2.59                                          | -7.940                     | -7.701 | -3.399                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 54          | 1.14                       | 1.12   | 2.59                                          | -7.981                     | -7.792 | -3.465                                           |
|                            |                     |                | 56                                            | 1.12                                   |                    |                   |        | 1.13        | 2.59                       | -7.672 | -7.908                                        | -3.368                     |        |                                                  |
|                            |                     |                | 7085                                          | 227                                    |                    | SU                | --     | 7.81        | 7.84                       | 9.29   | -7.212                                        | -7.541                     | -2.953 |                                                  |
|                            |                     |                |                                               |                                        |                    | 106               | 53     | 1.43        | 1.43                       | 2.89   | -7.514                                        | -7.860                     | -3.263 |                                                  |
|                            |                     |                |                                               |                                        |                    |                   | 54     | 1.40        | 1.44                       | 2.88   | -7.651                                        | -7.558                     | -3.184 |                                                  |
|                            |                     |                |                                               |                                        |                    |                   | 56     | 1.41        | 1.40                       | 2.87   | -7.542                                        | -7.589                     | -3.145 |                                                  |
|                            |                     |                | 80MHz                                         | 0                                      | 0                  | -1.55             | 1.41   | 6945        | 199                        | SU     | --                                            | 10.72                      | 10.73  | 12.19                                            |
| 106+26                     | 82                  | 2.23           |                                               |                                        |                    |                   |        |             |                            | 2.21   | 3.68                                          | -7.728                     | -7.437 | -3.160                                           |
|                            | 85                  | 2.20           |                                               |                                        |                    |                   |        |             |                            | 2.24   | 3.68                                          | -7.693                     | -7.572 | -3.212                                           |
|                            | 89                  | 2.21           |                                               |                                        |                    |                   |        |             |                            | 2.21   | 3.67                                          | -7.568                     | -7.694 | -3.210                                           |
| -1.55                      | 1.41                | 7025           |                                               |                                        |                    | 215               | SU     | --          | 10.74                      | 10.72  | 12.19                                         | -6.956                     | -6.929 | -2.522                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 1.81                       | 1.83   | 3.28                                          | -7.886                     | -7.968 | -3.507                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 85          | 1.82                       | 1.80   | 3.27                                          | -7.913                     | -7.976 | -3.524                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 89          | 1.82                       | 1.81   | 3.28                                          | -8.094                     | -7.900 | -3.576                                           |
| 160MHz                     | 0                   | 0              | -1.55                                         | 1.41                                   | 6985               | 207               | SU     | --          | 13.53                      | 13.50  | 14.98                                         | -6.679                     | -6.956 | -2.395                                           |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 1.93                       | 1.92   | 3.39                                          | -7.527                     | -7.567 | -3.127                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | 89          | 1.94                       | 1.94   | 3.40                                          | -7.497                     | -7.358 | -3.007                                           |
|                            |                     |                |                                               |                                        |                    |                   |        | S89         | 1.92                       | 1.93   | 3.39                                          | -7.723                     | -7.371 | -3.123                                           |
|                            |                     |                |                                               |                                        |                    |                   |        |             |                            |        |                                               |                            |        |                                                  |

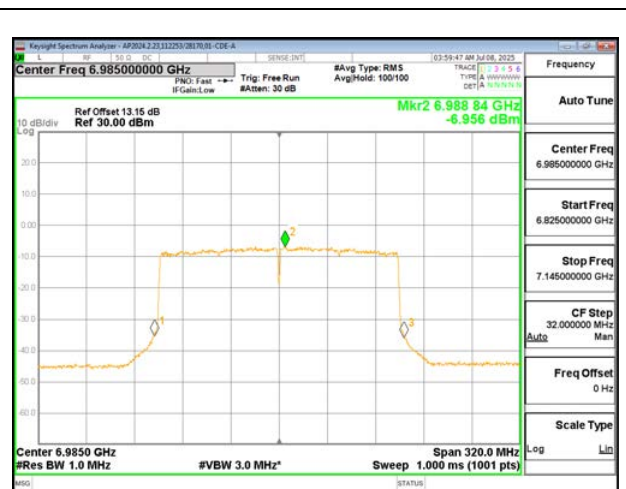
#### Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (ANT 6 + ANT 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)

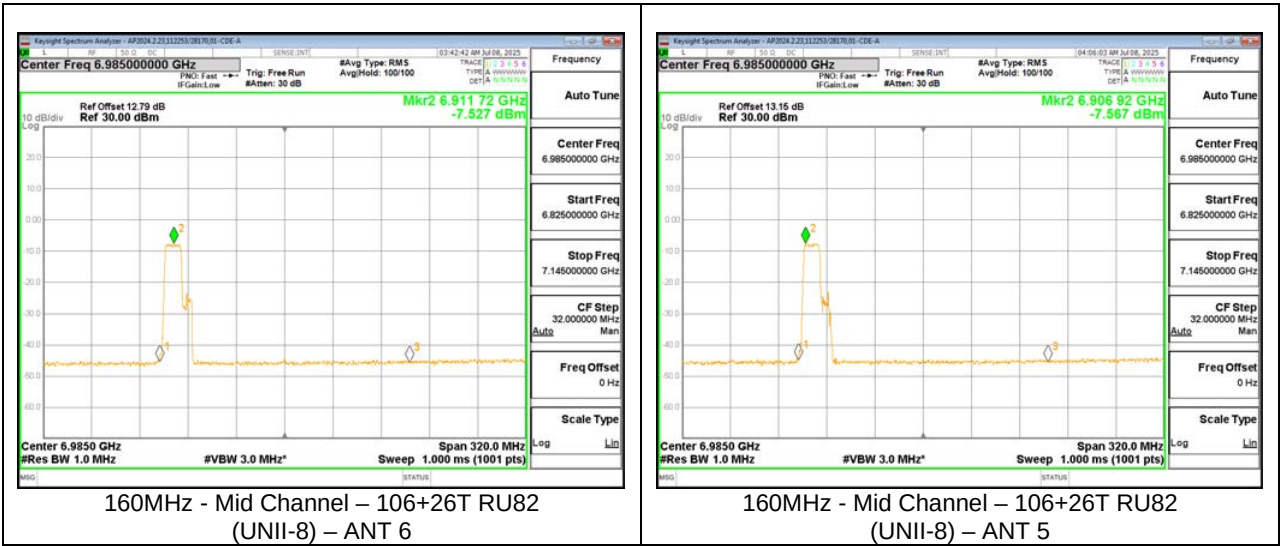


160MHz - Mid Channel – SU  
(UNII-8) – ANT 6



160MHz - Mid Channel – SU  
(UNII-8) – ANT 5





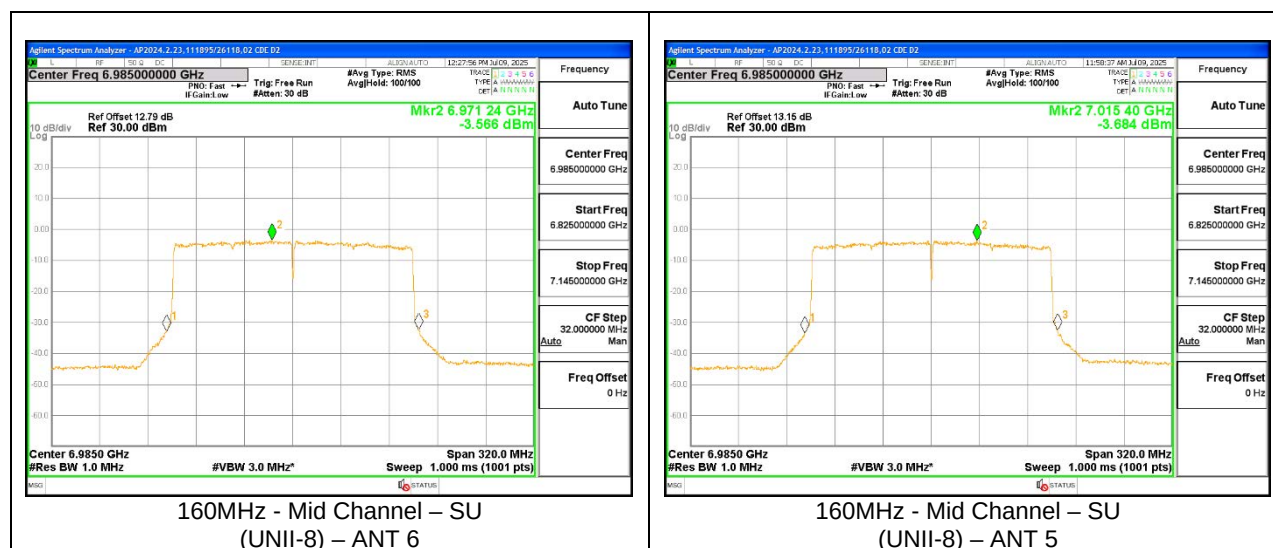
### 9.5.15. 802.11be MIMO SDM MODE IN THE UNII-8 BAND – LOW POWER

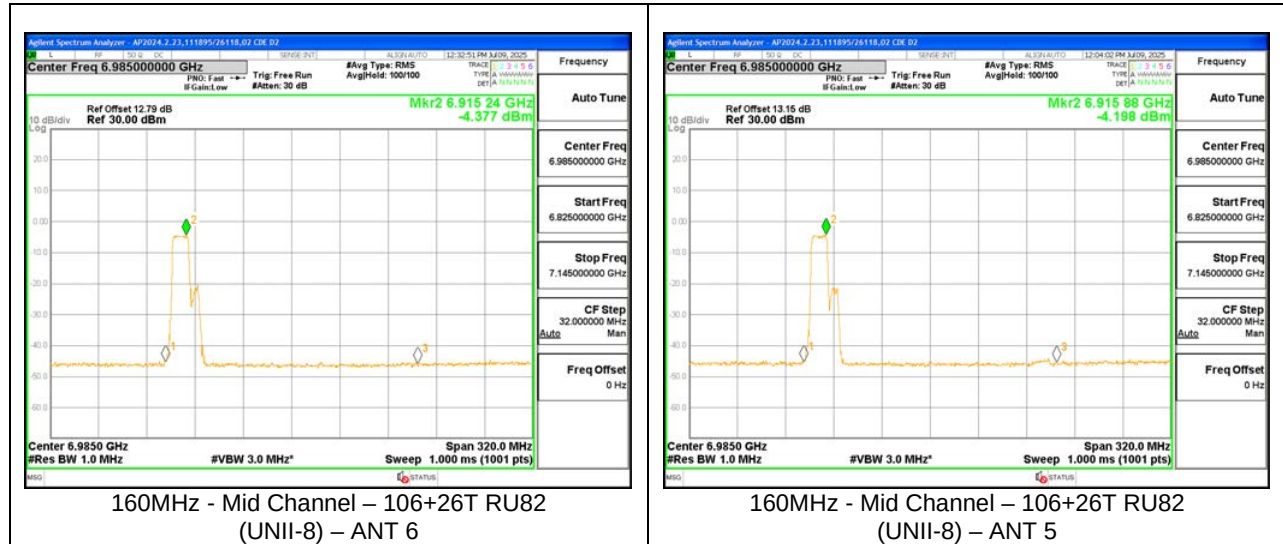
| LP SDM<br>UNII-8<br>(MIMO) | Duty Factor<br>(dB) |                | Un-<br>Correlated<br>Antenna<br>Gain<br>(dBi) | Correlated<br>Antenna<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone   | RU<br>Index | Conducted<br>Power (Gated) |        | EIRP MIMO<br>Power<br>(Limit = 24dBm<br>EIRP) | Conducted PSD<br>(dBm/MHz) |        | EIRP MIMO<br>PSD<br>(Limit = -1<br>dBm/MHz EIRP) |        |        |        |
|----------------------------|---------------------|----------------|-----------------------------------------------|----------------------------------------|--------------------|-------------------|--------|-------------|----------------------------|--------|-----------------------------------------------|----------------------------|--------|--------------------------------------------------|--------|--------|--------|
|                            | SU                  | Partial<br>Rus |                                               |                                        |                    |                   |        |             | ANT 6                      | ANT 5  |                                               | ANT 6                      | ANT 5  |                                                  |        |        |        |
| 20MHz                      | 0                   | 0              | -1.55                                         | 1.41                                   | 6895               | 189               | SU     | --          | 7.51                       | 7.50   | 8.97                                          | -3.879                     | -3.899 | -2.429                                           |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 4.82                       | 4.81   | 6.28                                          | -4.082                     | -4.036 | -2.599                                           |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   |        | 83          | 4.76                       | 4.80   | 6.24                                          | -3.693                     | -3.776 | -2.274                                           |        |        |        |
|                            |                     |                |                                               |                                        | 6995               | 209               | SU     | --          | 7.51                       | 7.49   | 8.96                                          | -3.744                     | -3.882 | -2.352                                           |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 4.86                       | 4.81   | 6.30                                          | -4.088                     | -4.158 | -2.663                                           |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   |        | 83          | 4.83                       | 4.78   | 6.27                                          | -3.829                     | -4.117 | -2.510                                           |        |        |        |
|                            |                     |                |                                               |                                        | 7095               | 233               | SU     | --          | 7.72                       | 7.74   | 9.19                                          | -3.880                     | -3.787 | -2.373                                           |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 5.42                       | 5.39   | 6.87                                          | -3.655                     | -3.475 | -2.104                                           |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   |        | 83          | 5.42                       | 5.37   | 6.86                                          | -3.405                     | -3.779 | -2.128                                           |        |        |        |
| 40MHz                      | 0                   | 0              | 0.26                                          | 3.27                                   | 6885<br>(Straddle) | 187               | SU     | --          | 8.91                       | 8.92   | 12.19                                         | -5.379                     | -5.374 | -2.106                                           |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   | 106    | 53          | 2.61                       | 2.62   | 5.89                                          | -6.070                     | -5.643 | -2.581                                           |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   |        | 54          | 2.63                       | 2.64   | 5.91                                          | -5.877                     | -5.649 | -2.491                                           |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   |        | 56          | 2.64                       | 2.63   | 5.91                                          | -5.771                     | -5.820 | -2.525                                           |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   | -1.55  | 1.41        | 6965                       | 203    | SU                                            | --                         | 10.52  | 10.55                                            | 12.00  | -3.981 | -3.362 |
|                            |                     |                | 106                                           | 53                                     | 4.13               | 4.13              |        |             |                            |        | 5.59                                          | -4.191                     | -4.131 | -2.701                                           |        |        |        |
|                            |                     |                |                                               | 54                                     | 4.11               | 4.12              |        |             |                            |        | 5.58                                          | -4.101                     | -3.947 | -2.563                                           |        |        |        |
|                            |                     |                |                                               | 56                                     | 4.10               | 4.14              |        |             |                            |        | 5.58                                          | -4.274                     | -4.293 | -2.823                                           |        |        |        |
|                            |                     |                | 7085                                          | 227                                    | SU                 | --                |        |             | 10.81                      | 10.80  | 12.27                                         | -3.645                     | -3.395 | -2.058                                           |        |        |        |
|                            |                     |                |                                               |                                        | 106                | 53                |        |             | 4.42                       | 4.43   | 5.89                                          | -4.052                     | -4.088 | -2.610                                           |        |        |        |
|                            |                     |                |                                               |                                        |                    | 54                |        |             | 4.43                       | 4.44   | 5.90                                          | -3.820                     | -4.040 | -2.468                                           |        |        |        |
|                            |                     |                |                                               |                                        |                    | 56                |        |             | 4.40                       | 4.41   | 5.87                                          | -4.063                     | -4.276 | -2.708                                           |        |        |        |
|                            |                     |                | 80MHz                                         | 0                                      | 0                  | -1.55             | 1.41   | 6945        | 199                        | SU     | --                                            | 13.68                      | 13.66  | 15.13                                            | -3.751 | -3.729 | -2.280 |
|                            |                     |                |                                               |                                        |                    |                   |        |             |                            | 106+26 | 82                                            | 5.21                       | 5.16   | 6.65                                             | -4.082 | -4.407 | -2.781 |
|                            |                     |                |                                               |                                        |                    |                   |        |             |                            |        | 85                                            | 5.22                       | 5.24   | 6.69                                             | -4.091 | -3.976 | -2.573 |
| 89                         | 5.24                | 5.25           |                                               |                                        |                    |                   |        |             |                            |        | 6.71                                          | -4.114                     | -3.906 | -2.548                                           |        |        |        |
| -1.55                      | 1.41                | 7025           |                                               |                                        |                    | 215               | SU     | --          | 13.71                      | 13.69  | 15.16                                         | -4.056                     | -3.772 | -2.451                                           |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 4.92                       | 4.91   | 6.38                                          | -4.461                     | -4.549 | -3.044                                           |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   |        | 85          | 4.94                       | 4.93   | 6.40                                          | -4.381                     | -4.422 | -2.941                                           |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   |        | 89          | 4.90                       | 4.88   | 6.35                                          | -4.394                     | -4.696 | -3.082                                           |        |        |        |
| 160MHz                     | 0                   | 0              | -1.55                                         | 1.41                                   | 6985               | 207               | SU     | --          | 16.48                      | 16.46  | 17.93                                         | -3.566                     | -3.684 | -2.164                                           |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 4.92                       | 4.95   | 6.40                                          | -4.377                     | -4.198 | -2.826                                           |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   |        | 89          | 4.91                       | 4.92   | 6.38                                          | -4.256                     | -4.518 | -2.925                                           |        |        |        |
|                            |                     |                |                                               |                                        |                    |                   |        | S89         | 4.89                       | 4.88   | 6.35                                          | -4.433                     | -4.479 | -2.996                                           |        |        |        |

#### Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (ANT 6 + ANT 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Un-Correlated Antenna Gain (dBi)





## 9.6. SP OUTPUT POWER AND PSD

### LIMITS

#### **FCC §15.407**

Band 5.925-7.125 GHz

(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, the maximum power spectral density must not exceed 17 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.

### RESULTS

The data in these sections follows the same testing parameters used for LP modes PSD tests. For test setting parameters, please refer to LP mode PSD test plots.

### 9.6.1. 802.11be SISO MODE IN THE UNII-5 BAND – STANDARD POWER

| SP<br>UNII-5<br>(SISO) | Duty Factor<br>(dB) |               | ANT 6<br>Gain<br>(dBi) | ANT 5<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone  | RU<br>Index | Conducted<br>Power (Gated)<br>(dBm) |       | ERP<br>Power<br>(Limit = 30dBm ERP) |        | Conducted<br>PSD<br>(dBm/MHz) |        | ERP<br>PSD<br>(Limit = 17 dBm/MHz ERP) |        |  |
|------------------------|---------------------|---------------|------------------------|------------------------|--------------------|-------------------|-------|-------------|-------------------------------------|-------|-------------------------------------|--------|-------------------------------|--------|----------------------------------------|--------|--|
|                        | SU                  | Partial<br>RU |                        |                        |                    |                   |       |             | ANT 6                               | ANT 5 | ANT 6                               | ANT 5  | ANT 6                         | ANT 5  | ANT 6                                  | ANT 5  |  |
| 20MHz                  | 0                   | 0             | -0.70                  | -2.40                  | 5955               | 1                 | SU    | --          | 19.39                               | 18.44 | 18.69                               | 16.04  | 8.011                         | 6.560  | 7.311                                  | 4.160  |  |
|                        |                     |               |                        |                        |                    |                   | 26    | 0           | 18.95                               | 18.47 | 18.25                               | 16.07  | 15.906                        | 15.729 | 15.206                                 | 13.329 |  |
|                        |                     |               |                        |                        |                    |                   |       | 4           | 18.95                               | 18.46 | 18.25                               | 16.06  | 15.357                        | 14.649 | 14.657                                 | 12.249 |  |
|                        |                     |               |                        |                        |                    |                   |       | 8           | 18.92                               | 18.42 | 18.22                               | 16.02  | 15.814                        | 15.577 | 15.114                                 | 13.177 |  |
|                        |                     |               |                        |                        |                    |                   | SU    | --          | 19.41                               | 18.39 | 18.61                               | 15.99  | 7.591                         | 6.719  | 6.791                                  | 4.319  |  |
|                        |                     |               |                        |                        |                    |                   | 26    | 0           | 18.81                               | 18.40 | 18.01                               | 16.00  | 15.636                        | 15.571 | 14.836                                 | 13.171 |  |
|                        |                     |               | -0.80                  | -2.40                  | 6175               |                   |       | 4           | 18.85                               | 18.43 | 18.05                               | 16.03  | 15.378                        | 14.299 | 14.578                                 | 11.899 |  |
|                        |                     |               |                        |                        |                    |                   |       | 8           | 18.83                               | 18.44 | 18.03                               | 16.04  | 15.756                        | 15.885 | 14.956                                 | 13.485 |  |
|                        |                     |               |                        |                        | SU                 | --                | 19.40 | 18.42       | 19.10                               | 16.02 | 8.141                               | 7.142  | 7.841                         | 4.742  |                                        |        |  |
|                        |                     |               |                        |                        | 26                 | 0                 | 18.32 | 18.47       | 18.02                               | 16.07 | 15.571                              | 15.725 | 15.271                        | 13.325 |                                        |        |  |
|                        |                     |               |                        |                        |                    | 4                 | 18.35 | 18.48       | 18.05                               | 16.08 | 15.096                              | 14.621 | 14.796                        | 12.221 |                                        |        |  |
|                        |                     |               |                        |                        |                    | 8                 | 18.33 | 18.44       | 18.03                               | 16.04 | 15.442                              | 15.521 | 15.142                        | 13.121 |                                        |        |  |
| 40MHz                  | 0                   | 0.12          | -0.70                  | -2.40                  | 5965               | 3                 | SU    | --          | 19.37                               | 18.38 | 18.67                               | 15.98  | 4.931                         | 3.770  | 4.231                                  | 1.370  |  |
|                        |                     |               |                        |                        |                    |                   | 26    | 0           | 18.85                               | 18.40 | 18.15                               | 16.00  | 15.977                        | 15.631 | 15.397                                 | 13.351 |  |
|                        |                     |               |                        |                        |                    |                   |       | 9           | 18.78                               | 18.43 | 18.08                               | 16.03  | 16.027                        | 15.376 | 15.447                                 | 13.096 |  |
|                        |                     |               |                        |                        |                    |                   |       | 17          | 18.83                               | 18.42 | 18.13                               | 16.02  | 15.900                        | 15.275 | 15.320                                 | 12.995 |  |
|                        |                     |               |                        |                        |                    |                   | SU    | --          | 19.39                               | 18.46 | 18.59                               | 16.06  | 4.155                         | 3.320  | 3.355                                  | 0.920  |  |
|                        |                     |               |                        |                        |                    |                   | 26    | 0           | 18.85                               | 18.43 | 18.05                               | 16.03  | 16.042                        | 15.009 | 15.362                                 | 12.729 |  |
|                        |                     |               | -0.80                  | -2.40                  | 6165               |                   |       | 9           | 18.77                               | 18.41 | 17.97                               | 16.01  | 16.253                        | 15.162 | 15.573                                 | 12.882 |  |
|                        |                     |               |                        |                        |                    |                   |       | 17          | 18.78                               | 18.43 | 17.98                               | 16.03  | 16.170                        | 15.196 | 15.490                                 | 12.916 |  |
|                        |                     |               |                        |                        | SU                 | --                | 19.41 | 18.47       | 19.11                               | 16.07 | 5.509                               | 4.220  | 5.209                         | 1.820  |                                        |        |  |
|                        |                     |               |                        |                        | 26                 | 0                 | 18.32 | 18.42       | 18.02                               | 16.02 | 15.748                              | 15.592 | 15.568                        | 13.312 |                                        |        |  |
|                        |                     |               |                        |                        |                    | 9                 | 18.35 | 18.40       | 18.05                               | 16.00 | 15.714                              | 15.827 | 15.534                        | 13.547 |                                        |        |  |
|                        |                     |               |                        |                        |                    | 17                | 18.30 | 18.41       | 18.00                               | 16.01 | 15.633                              | 16.020 | 15.453                        | 13.740 |                                        |        |  |
| 80MHz                  | 0                   | 0             | -0.70                  | -2.40                  | 5985               | 7                 | SU    | --          | 19.42                               | 18.37 | 18.72                               | 15.97  | 2.264                         | 0.864  | 1.564                                  | -1.536 |  |
|                        |                     |               |                        |                        |                    |                   | 26    | 0           | 18.75                               | 18.43 | 18.05                               | 16.03  | 15.791                        | 15.220 | 15.091                                 | 12.820 |  |
|                        |                     |               |                        |                        |                    |                   |       | 17          | 18.78                               | 18.48 | 18.08                               | 16.08  | 16.198                        | 15.491 | 15.498                                 | 13.091 |  |
|                        |                     |               |                        |                        |                    |                   |       | 36          | 18.70                               | 18.43 | 18.00                               | 16.03  | 15.885                        | 15.288 | 15.185                                 | 12.888 |  |
|                        |                     |               |                        |                        |                    |                   | SU    | --          | 19.41                               | 18.44 | 18.61                               | 16.04  | 2.310                         | 1.036  | 1.510                                  | -1.364 |  |
|                        |                     |               |                        |                        |                    |                   | 26    | 0           | 18.82                               | 18.44 | 18.02                               | 16.04  | 16.126                        | 15.248 | 15.326                                 | 12.848 |  |
|                        |                     |               | -0.80                  | -2.40                  | 6145               |                   |       | 17          | 18.85                               | 18.41 | 18.05                               | 16.01  | 16.226                        | 15.212 | 15.426                                 | 12.812 |  |
|                        |                     |               |                        |                        |                    |                   |       | 36          | 18.80                               | 18.43 | 18.00                               | 16.03  | 16.016                        | 15.009 | 15.216                                 | 12.609 |  |
|                        |                     |               |                        |                        | SU                 | --                | 19.47 | 18.45       | 19.17                               | 16.05 | 2.346                               | 1.095  | 2.046                         | -1.305 |                                        |        |  |
|                        |                     |               |                        |                        | 26                 | 0                 | 18.35 | 18.42       | 18.05                               | 16.02 | 15.642                              | 15.953 | 15.342                        | 13.553 |                                        |        |  |
|                        |                     |               |                        |                        |                    | 17                | 18.35 | 18.44       | 18.05                               | 16.04 | 15.768                              | 15.790 | 15.468                        | 13.390 |                                        |        |  |
|                        |                     |               |                        |                        |                    | 36                | 18.32 | 18.45       | 18.02                               | 16.05 | 15.926                              | 16.056 | 15.626                        | 13.656 |                                        |        |  |
| 160MHz                 | 0                   | 0             | -0.70                  | -2.40                  | 6025               | 15                | SU    | --          | 19.41                               | 18.42 | 18.71                               | 16.02  | -1.418                        | -2.356 | -2.118                                 | -4.756 |  |
|                        |                     |               |                        |                        |                    |                   | 26    | 0           | 18.69                               | 18.45 | 17.99                               | 16.05  | 15.849                        | 15.588 | 15.149                                 | 13.188 |  |
|                        |                     |               |                        |                        |                    |                   |       | 36          | 18.72                               | 18.43 | 18.02                               | 16.03  | 15.935                        | 15.248 | 15.235                                 | 12.848 |  |
|                        |                     |               |                        |                        |                    |                   |       | S36         | 18.69                               | 18.46 | 17.99                               | 16.06  | 16.071                        | 15.286 | 15.371                                 | 12.886 |  |
|                        |                     |               |                        |                        |                    |                   | SU    | --          | 19.44                               | 18.41 | 18.64                               | 16.01  | -1.407                        | -1.959 | -2.207                                 | -4.359 |  |
|                        |                     |               |                        |                        |                    |                   | 26    | 0           | 19.01                               | 18.42 | 18.21                               | 16.02  | 15.965                        | 14.822 | 15.165                                 | 12.422 |  |
|                        |                     |               | -0.80                  | -2.40                  | 6185               |                   |       | 36          | 19.04                               | 18.47 | 18.24                               | 16.07  | 16.198                        | 15.118 | 15.398                                 | 12.718 |  |
|                        |                     |               |                        |                        |                    |                   |       | S36         | 19.00                               | 18.42 | 18.20                               | 16.02  | 15.930                        | 15.235 | 15.130                                 | 12.835 |  |
|                        |                     |               |                        |                        | SU                 | --                | 19.41 | 18.45       | 19.11                               | 16.05 | -0.959                              | -1.883 | -1.259                        | -4.283 |                                        |        |  |
|                        |                     |               |                        |                        | 26                 | 0                 | 18.45 | 18.42       | 18.15                               | 16.02 | 15.547                              | 15.580 | 15.247                        | 13.180 |                                        |        |  |
|                        |                     |               |                        |                        |                    | 36                | 18.44 | 18.42       | 18.14                               | 16.02 | 15.820                              | 15.500 | 15.520                        | 13.100 |                                        |        |  |
|                        |                     |               |                        |                        |                    | S36               | 18.45 | 18.44       | 18.15                               | 16.04 | 15.375                              | 15.378 | 15.075                        | 12.978 |                                        |        |  |

**Note:**

EIRP Output Power (dBm) = Measured Conducted Power (dBm)+ Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)

### 9.6.2. 802.11be MIMO CDD MODE IN THE UNII-5 BAND – STANDARD POWER

| SP CDD<br>UNII-5<br>(MIMO) | Duty Factor<br>(dB) |                | Un-<br>Correlated<br>Antenna<br>Gain<br>(dBi) | Correlated<br>Antenna<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone | RU<br>Index | Conducted<br>Power (Gated) |       | EIRP MIMO<br>Power<br>(Limit = 30dBm<br>EIRP) | Conducted PSD<br>(dBm/MHz) |        | EIRP MIMO<br>PSD<br>(Limit = 17<br>dBm/MHz EIRP) |
|----------------------------|---------------------|----------------|-----------------------------------------------|----------------------------------------|--------------------|-------------------|------|-------------|----------------------------|-------|-----------------------------------------------|----------------------------|--------|--------------------------------------------------|
|                            | SU                  | Partial<br>Rus |                                               |                                        |                    |                   |      |             | ANT 6                      | ANT 5 |                                               | ANT 6                      | ANT 5  |                                                  |
| 20MHz                      | 0                   | 0              | -1.47                                         | 1.50                                   | 5955               | 1                 | SU   | --          | 18.47                      | 18.42 | 19.99                                         | 6.586                      | 6.485  | 11.046                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52   | 37          | 16.24                      | 16.22 | 17.77                                         | 10.664                     | 10.875 | 15.281                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 38          | 16.20                      | 16.25 | 17.77                                         | 10.916                     | 11.269 | 15.606                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 40          | 16.21                      | 16.22 | 17.76                                         | 11.115                     | 11.138 | 15.637                                           |
|                            |                     |                | -1.53                                         | 1.45                                   | 6175               | 45                | SU   | --          | 18.40                      | 18.43 | 19.90                                         | 6.588                      | 6.839  | 11.176                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52   | 37          | 16.10                      | 16.12 | 17.59                                         | 10.569                     | 10.921 | 15.209                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 38          | 16.13                      | 16.13 | 17.61                                         | 10.982                     | 10.650 | 15.279                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 40          | 16.14                      | 16.12 | 17.61                                         | 10.902                     | 10.659 | 15.242                                           |
|                            |                     |                | -1.22                                         | 1.72                                   | 6415               | 93                | SU   | --          | 18.42                      | 18.43 | 20.22                                         | 6.362                      | 6.998  | 11.422                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52   | 37          | 15.90                      | 15.91 | 17.70                                         | 10.545                     | 10.746 | 15.377                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 38          | 15.89                      | 15.92 | 17.70                                         | 10.608                     | 10.536 | 15.302                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 40          | 15.91                      | 15.95 | 17.72                                         | 10.796                     | 10.546 | 15.403                                           |
| 40MHz                      | 0                   | 0.12           | -1.47                                         | 1.50                                   | 5965               | 3                 | SU   | --          | 18.45                      | 18.44 | 19.99                                         | 3.988                      | 3.759  | 8.385                                            |
|                            |                     |                |                                               |                                        |                    |                   | 26   | 0           | 13.32                      | 13.35 | 14.88                                         | 10.185                     | 10.392 | 14.920                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 9           | 13.35                      | 13.31 | 14.87                                         | 9.808                      | 9.983  | 14.527                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 17          | 13.35                      | 13.32 | 14.88                                         | 10.242                     | 10.373 | 14.938                                           |
|                            |                     |                | -1.53                                         | 1.45                                   | 6165               | 43                | SU   | --          | 18.41                      | 18.46 | 19.92                                         | 3.263                      | 3.586  | 7.888                                            |
|                            |                     |                |                                               |                                        |                    |                   | 26   | 0           | 13.47                      | 13.43 | 14.93                                         | 10.034                     | 10.320 | 14.760                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 9           | 13.45                      | 13.41 | 14.91                                         | 10.193                     | 10.472 | 14.915                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 17          | 13.44                      | 13.43 | 14.92                                         | 10.538                     | 10.486 | 15.092                                           |
|                            |                     |                | -1.22                                         | 1.72                                   | 6405               | 91                | SU   | --          | 18.44                      | 18.43 | 20.23                                         | 4.506                      | 4.197  | 9.085                                            |
|                            |                     |                |                                               |                                        |                    |                   | 26   | 0           | 13.15                      | 13.12 | 14.93                                         | 10.004                     | 10.276 | 14.992                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 9           | 13.10                      | 13.12 | 14.90                                         | 9.842                      | 10.026 | 14.785                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 17          | 13.12                      | 13.15 | 14.93                                         | 10.047                     | 10.288 | 15.019                                           |
| 80MHz                      | 0                   | 0              | -1.47                                         | 1.50                                   | 5985               | 7                 | SU   | --          | 18.40                      | 18.38 | 19.93                                         | 0.767                      | 0.740  | 5.264                                            |
|                            |                     |                |                                               |                                        |                    |                   | 52   | 37          | 16.15                      | 16.12 | 17.68                                         | 10.258                     | 10.172 | 14.726                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 45          | 16.13                      | 16.15 | 17.68                                         | 10.266                     | 10.496 | 14.893                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 52          | 16.12                      | 16.14 | 17.67                                         | 10.267                     | 10.411 | 14.850                                           |
|                            |                     |                | -1.53                                         | 1.45                                   | 6145               | 39                | SU   | --          | 18.47                      | 18.48 | 19.96                                         | 0.375                      | 0.208  | 4.753                                            |
|                            |                     |                |                                               |                                        |                    |                   | 52   | 37          | 16.12                      | 16.14 | 17.61                                         | 9.938                      | 10.229 | 14.546                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 45          | 16.17                      | 16.18 | 17.66                                         | 9.992                      | 10.101 | 14.507                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 52          | 16.15                      | 16.16 | 17.64                                         | 9.803                      | 10.075 | 14.401                                           |
|                            |                     |                | -1.22                                         | 1.72                                   | 6385               | 87                | SU   | --          | 18.45                      | 18.47 | 20.25                                         | 1.361                      | 1.421  | 6.121                                            |
|                            |                     |                |                                               |                                        |                    |                   | 52   | 37          | 15.90                      | 15.92 | 17.70                                         | 9.962                      | 10.157 | 14.791                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 45          | 15.94                      | 15.90 | 17.71                                         | 9.800                      | 10.155 | 14.711                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 52          | 15.90                      | 15.96 | 17.72                                         | 9.864                      | 10.074 | 14.701                                           |
| 160MHz                     | 0                   | 0              | -1.47                                         | 1.50                                   | 6025               | 15                | SU   | --          | 18.43                      | 18.42 | 19.97                                         | -2.063                     | -2.295 | 2.333                                            |
|                            |                     |                |                                               |                                        |                    |                   | 52   | 37          | 16.21                      | 16.25 | 17.77                                         | 10.151                     | 10.076 | 14.624                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 52          | 16.25                      | 16.22 | 17.78                                         | 10.423                     | 10.300 | 14.872                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | S52         | 16.20                      | 16.21 | 17.75                                         | 10.531                     | 10.417 | 14.985                                           |
|                            |                     |                | -1.53                                         | 1.45                                   | 6185               | 47                | SU   | --          | 18.48                      | 18.45 | 19.95                                         | -2.300                     | -1.970 | 2.328                                            |
|                            |                     |                |                                               |                                        |                    |                   | 52   | 37          | 16.33                      | 16.32 | 17.81                                         | 10.142                     | 9.974  | 14.519                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 52          | 16.35                      | 16.34 | 17.83                                         | 10.491                     | 10.616 | 15.014                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | S52         | 16.35                      | 16.33 | 17.82                                         | 10.665                     | 10.393 | 14.991                                           |
|                            |                     |                | -1.22                                         | 1.72                                   | 6345               | 79                | SU   | --          | 18.37                      | 18.42 | 20.19                                         | -2.102                     | -1.973 | 2.693                                            |
|                            |                     |                |                                               |                                        |                    |                   | 52   | 37          | 15.78                      | 15.82 | 17.59                                         | 9.582                      | 9.718  | 14.381                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 52          | 15.81                      | 15.82 | 17.61                                         | 9.709                      | 9.367  | 14.272                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | S52         | 15.80                      | 15.83 | 17.61                                         | 9.594                      | 9.732  | 14.394                                           |

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (ANT 6 + ANT 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)

### 9.6.3. 802.11be MIMO SDM MODE IN THE UNII-5 BAND – STANDARD POWER

| SP SDM<br>UNII-5<br>(MIMO) | Duty Factor<br>(dB) |                | Un-<br>Correlated<br>Antenna<br>Gain<br>(dBi) | Correlated<br>Antenna<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone | RU<br>Index | Conducted<br>Power (Gated) |       | EIRP MIMO<br>Power<br>(Limit = 30dBm<br>EIRP) | Conducted PSD<br>(dBm/MHz) |        | EIRP MIMO<br>PSD<br>(Limit = 17<br>dBm/MHz EIRP) |
|----------------------------|---------------------|----------------|-----------------------------------------------|----------------------------------------|--------------------|-------------------|------|-------------|----------------------------|-------|-----------------------------------------------|----------------------------|--------|--------------------------------------------------|
|                            | SU                  | Partial<br>RUs |                                               |                                        |                    |                   |      |             | ANT 6                      | ANT 5 |                                               | ANT 6                      | ANT 5  |                                                  |
| 20MHz                      | 0                   | 0              | -1.47                                         | 1.50                                   | 5955               | 1                 | SU   | --          | 18.40                      | 18.35 | 19.92                                         | 7.434                      | 7.096  | 8.809                                            |
|                            |                     |                |                                               |                                        |                    |                   | 52   | 37          | 18.46                      | 18.40 | 19.97                                         | 13.957                     | 13.591 | 15.318                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 38          | 18.41                      | 18.41 | 19.95                                         | 13.539                     | 13.510 | 15.065                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 40          | 18.40                      | 18.45 | 19.97                                         | 13.404                     | 13.803 | 15.148                                           |
|                            |                     |                | -1.53                                         | 1.45                                   | 6175               | 45                | SU   | --          | 18.45                      | 18.44 | 19.93                                         | 7.198                      | 7.052  | 8.606                                            |
|                            |                     |                |                                               |                                        |                    |                   | 52   | 37          | 18.38                      | 18.40 | 19.87                                         | 13.255                     | 13.606 | 14.914                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 38          | 18.44                      | 18.46 | 19.93                                         | 13.154                     | 13.300 | 14.708                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 40          | 18.42                      | 18.45 | 19.92                                         | 13.501                     | 13.403 | 14.933                                           |
|                            |                     |                | -1.22                                         | 1.72                                   | 6415               | 93                | SU   | --          | 18.46                      | 18.46 | 20.25                                         | 7.338                      | 7.089  | 9.006                                            |
|                            |                     |                |                                               |                                        |                    |                   | 52   | 37          | 18.39                      | 18.42 | 20.20                                         | 13.527                     | 13.382 | 15.245                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 38          | 18.40                      | 18.43 | 20.21                                         | 13.626                     | 13.465 | 15.337                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 40          | 18.43                      | 18.41 | 20.21                                         | 13.737                     | 13.368 | 15.347                                           |
| 40MHz                      | 0                   | 0.12           | -1.47                                         | 1.50                                   | 5965               | 3                 | SU   | --          | 18.43                      | 18.47 | 19.99                                         | 4.363                      | 4.704  | 6.077                                            |
|                            |                     |                |                                               |                                        |                    |                   | 26   | 0           | 16.32                      | 16.35 | 17.88                                         | 13.611                     | 13.619 | 15.275                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 9           | 16.32                      | 16.34 | 17.87                                         | 13.738                     | 13.994 | 15.528                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 17          | 16.36                      | 16.34 | 17.89                                         | 13.960                     | 13.815 | 15.548                                           |
|                            |                     |                | -1.53                                         | 1.45                                   | 6165               | 43                | SU   | --          | 18.41                      | 18.43 | 19.90                                         | 3.959                      | 3.990  | 5.455                                            |
|                            |                     |                |                                               |                                        |                    |                   | 26   | 0           | 16.45                      | 16.42 | 17.92                                         | 13.688                     | 13.737 | 15.313                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 9           | 16.38                      | 16.42 | 17.88                                         | 13.817                     | 13.812 | 15.415                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 17          | 16.42                      | 16.40 | 17.89                                         | 13.650                     | 13.909 | 15.382                                           |
|                            |                     |                | -1.22                                         | 1.72                                   | 6405               | 91                | SU   | --          | 18.44                      | 18.37 | 20.20                                         | 4.403                      | 4.300  | 6.142                                            |
|                            |                     |                |                                               |                                        |                    |                   | 26   | 0           | 16.12                      | 16.15 | 17.93                                         | 13.458                     | 13.375 | 15.327                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 9           | 16.15                      | 16.15 | 17.94                                         | 13.527                     | 13.440 | 15.394                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 17          | 16.14                      | 16.16 | 17.94                                         | 13.630                     | 13.206 | 15.333                                           |
| 80MHz                      | 0                   | 0              | -1.47                                         | 1.50                                   | 5985               | 7                 | SU   | --          | 18.44                      | 18.45 | 19.99                                         | 1.559                      | 1.397  | 3.019                                            |
|                            |                     |                |                                               |                                        |                    |                   | 52   | 37          | 18.38                      | 18.39 | 19.93                                         | 13.878                     | 13.920 | 15.439                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 45          | 18.41                      | 18.41 | 19.95                                         | 13.807                     | 14.131 | 15.512                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 52          | 18.42                      | 18.42 | 19.96                                         | 13.332                     | 13.571 | 14.993                                           |
|                            |                     |                | -1.53                                         | 1.45                                   | 6145               | 39                | SU   | --          | 18.39                      | 18.42 | 19.89                                         | 0.775                      | 0.748  | 2.242                                            |
|                            |                     |                |                                               |                                        |                    |                   | 52   | 37          | 18.42                      | 18.41 | 19.90                                         | 12.741                     | 12.830 | 14.266                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 45          | 18.44                      | 18.42 | 19.91                                         | 13.089                     | 12.884 | 14.468                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 52          | 18.43                      | 18.40 | 19.90                                         | 13.241                     | 13.151 | 14.677                                           |
|                            |                     |                | -1.22                                         | 1.72                                   | 6385               | 87                | SU   | --          | 18.41                      | 18.45 | 20.22                                         | 1.115                      | 1.447  | 3.074                                            |
|                            |                     |                |                                               |                                        |                    |                   | 52   | 37          | 18.38                      | 18.41 | 20.19                                         | 13.051                     | 12.976 | 14.804                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 45          | 18.43                      | 18.46 | 20.24                                         | 13.245                     | 13.511 | 15.170                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 52          | 18.41                      | 18.42 | 20.21                                         | 13.606                     | 13.439 | 15.314                                           |
| 160MHz                     | 0                   | 0              | -1.47                                         | 1.50                                   | 6025               | 15                | SU   | --          | 18.40                      | 18.42 | 19.95                                         | -1.814                     | -1.639 | -0.185                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52   | 37          | 18.41                      | 18.39 | 19.94                                         | 13.148                     | 13.538 | 14.888                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 52          | 18.45                      | 18.44 | 19.99                                         | 13.163                     | 13.287 | 14.766                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | S52         | 18.49                      | 18.46 | 20.02                                         | 12.906                     | 12.804 | 14.396                                           |
|                            |                     |                | -1.53                                         | 1.45                                   | 6185               | 47                | SU   | --          | 18.38                      | 18.41 | 19.88                                         | -1.880                     | -1.668 | -0.292                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52   | 37          | 18.40                      | 18.41 | 19.89                                         | 12.917                     | 12.957 | 14.417                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 52          | 18.42                      | 18.46 | 19.92                                         | 13.638                     | 13.280 | 14.943                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | S52         | 18.43                      | 18.45 | 19.92                                         | 12.578                     | 12.717 | 14.128                                           |
|                            |                     |                | -1.22                                         | 1.72                                   | 6345               | 79                | SU   | --          | 18.40                      | 18.41 | 20.20                                         | -1.924                     | -1.812 | -0.077                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52   | 37          | 18.46                      | 18.42 | 20.23                                         | 13.088                     | 13.131 | 14.900                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | 52          | 18.40                      | 18.41 | 20.20                                         | 12.763                     | 12.718 | 14.531                                           |
|                            |                     |                |                                               |                                        |                    |                   |      | S52         | 18.43                      | 18.42 | 20.22                                         | 13.143                     | 13.172 | 14.948                                           |

**Note:**

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (ANT 6 + ANT 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Un-Correlated Antenna Gain (dBi)

### 9.6.4. 802.11be SISO MODE IN THE UNII-7 BAND – STANDARD POWER

| SP<br>UNII-7<br>(SISO) | Duty Factor<br>(dB) |               | Ant 6<br>Gain<br>(dBi) | Ant 5<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone | RU<br>Index | Conducted<br>Power (Gated)<br>(dBm) |       | EIRP<br>Power<br>(Limit = 30dBm<br>EIRP) |       | Conducted<br>PSD<br>(dBm/MHz) |        | EIRP<br>PSD<br>(Limit = 17 dBm/MHz EIRP) |        |
|------------------------|---------------------|---------------|------------------------|------------------------|--------------------|-------------------|------|-------------|-------------------------------------|-------|------------------------------------------|-------|-------------------------------|--------|------------------------------------------|--------|
|                        | SU                  | Partial<br>RU |                        |                        |                    |                   |      |             | ANT 6                               | ANT 5 | ANT 6                                    | ANT 5 | ANT 6                         | ANT 5  | ANT 6                                    | ANT 5  |
| 20MHz                  | 0                   | 0             | -0.10                  | 0.60                   | 6535               | 117               | SU   | --          | 18.96                               | 18.47 | 18.86                                    | 19.07 | 7.643                         | 7.221  | 7.543                                    | 7.821  |
|                        |                     |               |                        |                        |                    |                   |      | 0           | 17.93                               | 17.14 | 17.83                                    | 17.74 | 15.372                        | 14.783 | 15.272                                   | 15.383 |
|                        |                     |               |                        |                        |                    |                   |      | 4           | 17.94                               | 17.13 | 17.84                                    | 17.73 | 15.267                        | 14.299 | 15.167                                   | 14.899 |
|                        |                     |               |                        |                        |                    |                   |      | 8           | 17.92                               | 17.11 | 17.82                                    | 17.71 | 15.576                        | 14.615 | 15.476                                   | 15.215 |
|                        |                     |               |                        |                        | 6715               | 153               | SU   | --          | 18.91                               | 18.46 | 18.81                                    | 19.06 | 7.737                         | 7.422  | 7.637                                    | 8.022  |
|                        |                     |               |                        |                        |                    |                   |      | 0           | 17.90                               | 17.13 | 17.80                                    | 17.73 | 15.415                        | 14.716 | 15.315                                   | 15.316 |
|                        |                     |               |                        |                        |                    |                   |      | 4           | 17.92                               | 17.12 | 17.82                                    | 17.72 | 15.160                        | 14.492 | 15.060                                   | 15.092 |
|                        |                     |               |                        |                        |                    |                   |      | 8           | 17.93                               | 17.14 | 17.83                                    | 17.74 | 15.254                        | 14.782 | 15.154                                   | 15.382 |
|                        |                     |               |                        |                        | 6855               | 181               | SU   | --          | 18.94                               | 18.37 | 18.84                                    | 18.97 | 8.157                         | 7.532  | 8.057                                    | 8.132  |
|                        |                     |               |                        |                        |                    |                   |      | 0           | 17.91                               | 17.10 | 17.81                                    | 17.70 | 15.454                        | 14.637 | 15.354                                   | 15.237 |
|                        |                     |               |                        |                        |                    |                   |      | 4           | 17.90                               | 17.11 | 17.80                                    | 17.71 | 15.288                        | 14.542 | 15.188                                   | 15.142 |
|                        |                     |               |                        |                        |                    |                   |      | 8           | 17.92                               | 17.13 | 17.82                                    | 17.73 | 15.502                        | 14.759 | 15.402                                   | 15.359 |
| 40MHz                  | 0                   | 0.12          | -0.10                  | 0.60                   | 6565               | 123               | SU   | --          | 18.90                               | 18.42 | 18.80                                    | 19.02 | 5.431                         | 4.795  | 5.331                                    | 5.395  |
|                        |                     |               |                        |                        |                    |                   |      | 0           | 17.93                               | 17.01 | 17.83                                    | 17.61 | 15.067                        | 14.075 | 15.087                                   | 14.795 |
|                        |                     |               |                        |                        |                    |                   |      | 9           | 17.91                               | 17.02 | 17.81                                    | 17.62 | 15.022                        | 14.139 | 15.042                                   | 14.859 |
|                        |                     |               |                        |                        |                    |                   |      | 17          | 17.93                               | 17.04 | 17.83                                    | 17.64 | 15.154                        | 14.272 | 15.174                                   | 14.992 |
|                        |                     |               |                        |                        | 6685               | 147               | SU   | --          | 18.97                               | 18.46 | 18.87                                    | 19.06 | 5.137                         | 4.559  | 5.037                                    | 5.159  |
|                        |                     |               |                        |                        |                    |                   |      | 0           | 17.92                               | 17.02 | 17.82                                    | 17.62 | 15.138                        | 14.203 | 15.158                                   | 14.923 |
|                        |                     |               |                        |                        |                    |                   |      | 9           | 17.90                               | 17.03 | 17.80                                    | 17.63 | 15.455                        | 14.301 | 15.475                                   | 15.021 |
|                        |                     |               |                        |                        |                    |                   |      | 17          | 17.91                               | 17.01 | 17.81                                    | 17.61 | 15.049                        | 14.213 | 15.069                                   | 14.933 |
|                        |                     |               |                        |                        | 6845               | 179               | SU   | --          | 18.87                               | 18.43 | 18.77                                    | 19.03 | 5.724                         | 4.920  | 5.624                                    | 5.520  |
|                        |                     |               |                        |                        |                    |                   |      | 0           | 17.94                               | 17.03 | 17.84                                    | 17.63 | 15.013                        | 13.988 | 15.033                                   | 14.708 |
|                        |                     |               |                        |                        |                    |                   |      | 9           | 17.92                               | 17.03 | 17.82                                    | 17.63 | 15.167                        | 14.133 | 15.187                                   | 14.853 |
|                        |                     |               |                        |                        |                    |                   |      | 17          | 17.93                               | 17.02 | 17.83                                    | 17.62 | 15.178                        | 14.020 | 15.198                                   | 14.740 |
| 80MHz<br>(FCC)         | 0                   | 0             | -0.10                  | 0.60                   | 6625               | 135               | SU   | --          | 18.93                               | 18.43 | 18.83                                    | 19.03 | 1.535                         | 0.805  | 1.435                                    | 1.405  |
|                        |                     |               |                        |                        |                    |                   |      | 0           | 17.92                               | 17.10 | 17.82                                    | 17.70 | 15.289                        | 14.714 | 15.189                                   | 15.314 |
|                        |                     |               |                        |                        |                    |                   |      | 17          | 17.93                               | 17.11 | 17.83                                    | 17.71 | 15.412                        | 14.492 | 15.312                                   | 15.092 |
|                        |                     |               |                        |                        |                    |                   |      | 36          | 17.91                               | 17.10 | 17.81                                    | 17.70 | 15.145                        | 14.329 | 15.045                                   | 14.929 |
| 80MHz                  | 0                   | 0             | -0.10                  | 0.60                   | 6705               | 151               | SU   | --          | 18.95                               | 18.46 | 18.85                                    | 19.06 | 1.210                         | 0.685  | 1.110                                    | 1.285  |
|                        |                     |               |                        |                        |                    |                   |      | 0           | 17.91                               | 17.13 | 17.81                                    | 17.73 | 15.400                        | 14.790 | 15.300                                   | 15.390 |
|                        |                     |               |                        |                        |                    |                   |      | 17          | 17.92                               | 17.14 | 17.82                                    | 17.74 | 15.184                        | 14.636 | 15.084                                   | 15.236 |
|                        |                     |               |                        |                        |                    |                   |      | 36          | 17.93                               | 17.11 | 17.83                                    | 17.71 | 15.367                        | 14.672 | 15.267                                   | 15.272 |
|                        |                     |               |                        |                        | 6785               | 167               | SU   | --          | 18.94                               | 18.42 | 18.84                                    | 19.02 | 1.571                         | 0.769  | 1.471                                    | 1.369  |
|                        |                     |               |                        |                        |                    |                   |      | 0           | 17.94                               | 17.10 | 17.84                                    | 17.70 | 15.521                        | 14.646 | 15.421                                   | 15.246 |
|                        |                     |               |                        |                        |                    |                   |      | 17          | 17.94                               | 17.12 | 17.84                                    | 17.72 | 15.215                        | 14.692 | 15.115                                   | 15.292 |
|                        |                     |               |                        |                        |                    |                   |      | 36          | 17.93                               | 17.12 | 17.83                                    | 17.72 | 15.399                        | 14.793 | 15.299                                   | 15.393 |
| 160MHz                 | 0                   | 0             | -0.10                  | 0.60                   | 6665               | 143               | SU   | --          | 18.92                               | 18.40 | 18.82                                    | 19.00 | -1.033                        | -1.381 | -1.133                                   | -0.781 |
|                        |                     |               |                        |                        |                    |                   |      | 0           | 18.21                               | 17.23 | 18.11                                    | 17.83 | 15.471                        | 14.544 | 15.371                                   | 15.144 |
|                        |                     |               |                        |                        |                    |                   |      | 36          | 18.22                               | 17.24 | 18.12                                    | 17.84 | 15.641                        | 14.534 | 15.541                                   | 15.134 |
|                        |                     |               |                        |                        |                    |                   |      | S36         | 18.20                               | 17.21 | 18.10                                    | 17.81 | 15.464                        | 14.606 | 15.364                                   | 15.206 |

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm)+ Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)



### 9.6.5. 802.11be MIMO CDD MODE IN THE UNII-7 BAND – STANDARD POWER

| SP CDD<br>UNII-7<br>(MIMO) | Duty Factor<br>(dB) |                | Un-<br>Correlated<br>Antenna<br>Gain<br>(dBi) | Correlated<br>Antenna<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone  | RU<br>Index | Conducted<br>Power (Gated) |       | EIRP MIMO<br>Power<br>(Limit = 30dBm<br>EIRP) | Conducted PSD<br>(dBm/MHz) |        | EIRP MIMO<br>PSD<br>(Limit = 17<br>dBm/MHz EIRP) |
|----------------------------|---------------------|----------------|-----------------------------------------------|----------------------------------------|--------------------|-------------------|-------|-------------|----------------------------|-------|-----------------------------------------------|----------------------------|--------|--------------------------------------------------|
|                            | SU                  | Partial<br>Rus |                                               |                                        |                    |                   |       |             | ANT 6                      | ANT 5 |                                               | ANT 6                      | ANT 5  |                                                  |
| 20MHz                      | 0                   | 0.1            | 0.26                                          | 3.27                                   | 6535               | 117               | SU    | --          | 18.47                      | 18.48 | 21.75                                         | 7.248                      | 7.361  | 13.585                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52+26 | 70          | 16.24                      | 16.21 | 19.50                                         | 9.512                      | 9.294  | 15.785                                           |
|                            |                     |                |                                               |                                        |                    |                   |       | 71          | 16.22                      | 16.20 | 19.48                                         | 9.303                      | 9.294  | 15.679                                           |
|                            |                     |                |                                               |                                        |                    |                   |       | 72          | 16.23                      | 16.22 | 19.50                                         | 9.410                      | 9.229  | 15.701                                           |
|                            |                     |                |                                               |                                        | 6715               | 153               | SU    | --          | 18.49                      | 18.46 | 21.75                                         | 7.314                      | 7.281  | 13.578                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52+26 | 70          | 16.22                      | 16.21 | 19.49                                         | 9.283                      | 9.073  | 15.560                                           |
|                            |                     |                |                                               |                                        |                    |                   |       | 71          | 16.21                      | 16.23 | 19.49                                         | 9.298                      | 9.289  | 15.674                                           |
|                            |                     |                |                                               |                                        |                    |                   |       | 72          | 16.23                      | 16.24 | 19.51                                         | 9.200                      | 9.265  | 15.613                                           |
|                            |                     |                |                                               |                                        | 6855               | 181               | SU    | --          | 18.46                      | 18.43 | 21.72                                         | 7.739                      | 7.537  | 13.919                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52+26 | 70          | 16.22                      | 16.23 | 19.50                                         | 9.238                      | 9.386  | 15.693                                           |
|                            |                     |                |                                               |                                        |                    |                   |       | 71          | 16.20                      | 16.22 | 19.48                                         | 9.063                      | 9.088  | 15.456                                           |
|                            |                     |                |                                               |                                        |                    |                   |       | 72          | 16.24                      | 16.24 | 19.51                                         | 9.361                      | 9.465  | 15.794                                           |
| 40MHz                      | 0                   | 0.12           | 0.26                                          | 3.27                                   | 6565               | 123               | SU    | --          | 18.43                      | 18.42 | 21.70                                         | 4.616                      | 4.305  | 10.744                                           |
|                            |                     |                |                                               |                                        |                    |                   | 26    | 0           | 11.41                      | 11.41 | 14.68                                         | 8.806                      | 8.843  | 15.225                                           |
|                            |                     |                |                                               |                                        |                    |                   |       | 9           | 11.42                      | 11.44 | 14.70                                         | 9.061                      | 8.754  | 15.311                                           |
|                            |                     |                |                                               |                                        |                    |                   |       | 17          | 11.43                      | 11.43 | 14.70                                         | 8.738                      | 8.852  | 15.196                                           |
|                            |                     |                |                                               |                                        | 6685               | 147               | SU    | --          | 18.42                      | 18.37 | 21.67                                         | 4.587                      | 4.415  | 10.782                                           |
|                            |                     |                |                                               |                                        |                    |                   | 26    | 0           | 11.42                      | 11.42 | 14.69                                         | 8.988                      | 9.063  | 15.426                                           |
|                            |                     |                |                                               |                                        |                    |                   |       | 9           | 11.44                      | 11.41 | 14.70                                         | 9.126                      | 9.089  | 15.508                                           |
|                            |                     |                |                                               |                                        |                    |                   |       | 17          | 11.42                      | 11.41 | 14.69                                         | 8.897                      | 9.045  | 15.372                                           |
|                            |                     |                |                                               |                                        | 6845               | 179               | SU    | --          | 18.44                      | 18.41 | 21.70                                         | 4.712                      | 4.595  | 10.934                                           |
|                            |                     |                |                                               |                                        |                    |                   | 26    | 0           | 11.41                      | 11.41 | 14.68                                         | 8.977                      | 8.887  | 15.333                                           |
|                            |                     |                |                                               |                                        |                    |                   |       | 9           | 11.42                      | 11.40 | 14.68                                         | 9.025                      | 8.807  | 15.318                                           |
|                            |                     |                |                                               |                                        |                    |                   |       | 17          | 11.40                      | 11.44 | 14.69                                         | 8.924                      | 9.137  | 15.432                                           |
| 80MHz<br>(FCC)             | 0                   | 0              | 0.26                                          | 3.27                                   | 6625               | 135               | SU    | --          | 18.42                      | 18.47 | 21.72                                         | 1.591                      | 1.478  | 7.815                                            |
|                            |                     |                |                                               |                                        |                    |                   | 52    | 37          | 14.12                      | 14.11 | 17.39                                         | 8.684                      | 9.121  | 15.188                                           |
|                            |                     |                |                                               |                                        |                    |                   |       | 45          | 14.11                      | 14.12 | 17.39                                         | 8.661                      | 8.805  | 15.014                                           |
|                            |                     |                |                                               |                                        |                    |                   |       | 52          | 14.11                      | 14.11 | 17.38                                         | 8.865                      | 8.807  | 15.116                                           |
| 80MHz                      | 0                   | 0              | 0.26                                          | 3.27                                   | 6705               | 151               | SU    | --          | 18.42                      | 18.43 | 21.70                                         | 1.728                      | 1.324  | 7.811                                            |
|                            |                     |                |                                               |                                        |                    |                   | 52    | 37          | 14.12                      | 14.11 | 17.39                                         | 8.672                      | 8.962  | 15.100                                           |
|                            |                     |                |                                               |                                        |                    |                   |       | 45          | 14.11                      | 14.10 | 17.38                                         | 8.657                      | 9.064  | 15.146                                           |
|                            |                     |                |                                               |                                        |                    |                   |       | 52          | 14.10                      | 14.12 | 17.38                                         | 8.653                      | 8.839  | 15.027                                           |
|                            |                     |                |                                               |                                        | 6785               | 167               | SU    | --          | 18.42                      | 18.44 | 21.70                                         | 1.975                      | 1.707  | 8.123                                            |
|                            |                     |                |                                               |                                        |                    |                   | 52    | 37          | 14.13                      | 14.14 | 17.41                                         | 8.730                      | 8.934  | 15.113                                           |
|                            |                     |                |                                               |                                        |                    |                   |       | 45          | 14.14                      | 14.13 | 17.41                                         | 8.597                      | 9.086  | 15.129                                           |
|                            |                     |                |                                               |                                        |                    |                   |       | 52          | 14.13                      | 14.13 | 17.40                                         | 8.837                      | 9.019  | 15.209                                           |
| 160MHz                     | 0                   | 0              | 0.26                                          | 3.27                                   | 6665               | 143               | SU    | --          | 18.43                      | 18.42 | 21.70                                         | -1.537                     | -1.382 | 4.821                                            |
|                            |                     |                |                                               |                                        |                    |                   | 106   | 53          | 16.12                      | 16.11 | 19.39                                         | 7.671                      | 7.649  | 13.940                                           |
|                            |                     |                |                                               |                                        |                    |                   |       | 60          | 16.13                      | 16.15 | 19.41                                         | 7.415                      | 7.575  | 13.776                                           |
|                            |                     |                |                                               |                                        |                    |                   |       | S60         | 16.11                      | 16.10 | 19.38                                         | 7.524                      | 7.799  | 13.944                                           |

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (ANT 6 + ANT 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)

**9.6.6. 802.11be MIMO SDM MODE IN THE UNII-7 BAND – STANDARD POWER**

| SP SDM<br>UNII-7<br>(MIMO) | Duty Factor<br>(dB) |                | Un-<br>Correlated<br>Antenna<br>Gain<br>(dBi) | Correlated<br>Antenna<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone | RU<br>Index | Conducted<br>Power (Gated) |       | EIRP MIMO<br>Power<br>(Limit = 30dBm<br>EIRP) | Conducted PSD<br>(dBm/MHz) |        | EIRP MIMO<br>PSD<br>(Limit = 17<br>dBm/MHz EIRP) |
|----------------------------|---------------------|----------------|-----------------------------------------------|----------------------------------------|--------------------|-------------------|------|-------------|----------------------------|-------|-----------------------------------------------|----------------------------|--------|--------------------------------------------------|
|                            | SU                  | Partial<br>Rus |                                               |                                        |                    |                   |      |             | ANT 6                      | ANT 5 |                                               | ANT 6                      | ANT 5  |                                                  |
| 20MHz                      | 0                   | 0.1            | 0.26                                          | 3.27                                   | 6535               | 117               | SU   | --          | 18.40                      | 18.41 | 21.68                                         | 6.683                      | 6.688  | 9.956                                            |
|                            |                     |                |                                               |                                        |                    |                   | 70   |             | 18.47                      | 18.45 | 21.73                                         | 11.614                     | 11.382 | 14.870                                           |
|                            |                     |                |                                               |                                        |                    |                   | 71   |             | 18.46                      | 18.42 | 21.71                                         | 11.327                     | 11.495 | 14.782                                           |
|                            |                     |                |                                               |                                        |                    |                   | 72   |             | 18.40                      | 18.40 | 21.67                                         | 11.527                     | 11.411 | 14.840                                           |
|                            |                     |                |                                               |                                        | 6715               | 153               | SU   | --          | 18.42                      | 18.40 | 21.68                                         | 6.985                      | 6.727  | 10.128                                           |
|                            |                     |                |                                               |                                        |                    |                   | 70   |             | 18.44                      | 18.41 | 21.70                                         | 11.728                     | 11.539 | 15.005                                           |
|                            |                     |                |                                               |                                        |                    |                   | 71   |             | 18.46                      | 18.40 | 21.70                                         | 11.784                     | 11.632 | 15.079                                           |
|                            |                     |                |                                               |                                        |                    |                   | 72   |             | 18.38                      | 18.49 | 21.71                                         | 11.672                     | 11.575 | 14.994                                           |
|                            |                     |                |                                               |                                        | 6855               | 181               | SU   | --          | 18.43                      | 18.44 | 21.71                                         | 7.060                      | 7.042  | 10.321                                           |
|                            |                     |                |                                               |                                        |                    |                   | 70   |             | 18.36                      | 18.47 | 21.69                                         | 12.125                     | 11.945 | 15.406                                           |
|                            |                     |                |                                               |                                        |                    |                   | 71   |             | 18.43                      | 18.47 | 21.72                                         | 12.236                     | 11.660 | 15.328                                           |
|                            |                     |                |                                               |                                        |                    |                   | 72   |             | 18.39                      | 18.45 | 21.69                                         | 11.922                     | 11.708 | 15.187                                           |
| 40MHz                      | 0                   | 0.12           | 0.26                                          | 3.27                                   | 6565               | 123               | SU   | --          | 18.41                      | 18.41 | 21.68                                         | 4.053                      | 4.052  | 7.323                                            |
|                            |                     |                |                                               |                                        |                    |                   | 0    |             | 14.42                      | 14.47 | 17.72                                         | 12.239                     | 12.088 | 15.554                                           |
|                            |                     |                |                                               |                                        |                    |                   | 9    |             | 14.41                      | 14.43 | 17.69                                         | 12.301                     | 11.697 | 15.400                                           |
|                            |                     |                |                                               |                                        |                    |                   | 17   |             | 14.40                      | 14.38 | 17.66                                         | 12.345                     | 11.847 | 15.493                                           |
|                            |                     |                |                                               |                                        | 6685               | 147               | SU   | --          | 18.42                      | 18.40 | 21.68                                         | 4.017                      | 4.081  | 7.319                                            |
|                            |                     |                |                                               |                                        |                    |                   | 0    |             | 14.40                      | 14.42 | 17.68                                         | 12.135                     | 11.653 | 15.291                                           |
|                            |                     |                |                                               |                                        |                    |                   | 9    |             | 14.48                      | 14.44 | 17.73                                         | 12.211                     | 11.825 | 15.413                                           |
|                            |                     |                |                                               |                                        |                    |                   | 17   |             | 14.45                      | 14.44 | 17.72                                         | 12.157                     | 12.036 | 15.487                                           |
|                            |                     |                |                                               |                                        | 6845               | 179               | SU   | --          | 18.38                      | 18.44 | 21.68                                         | 4.263                      | 4.141  | 7.473                                            |
|                            |                     |                |                                               |                                        |                    |                   | 0    |             | 14.39                      | 14.39 | 17.66                                         | 12.816                     | 12.446 | 16.025                                           |
|                            |                     |                |                                               |                                        |                    |                   | 9    |             | 14.45                      | 14.43 | 17.71                                         | 12.716                     | 12.361 | 15.932                                           |
|                            |                     |                |                                               |                                        |                    |                   | 17   |             | 14.38                      | 14.43 | 17.68                                         | 12.646                     | 12.513 | 15.970                                           |
| 80MHz<br>(FCC)             | 0                   | 0              | 0.26                                          | 3.27                                   | 6625               | 135               | SU   | --          | 18.42                      | 18.42 | 21.69                                         | 0.736                      | 0.866  | 4.072                                            |
|                            |                     |                |                                               |                                        |                    |                   | 37   |             | 17.10                      | 17.12 | 20.38                                         | 11.787                     | 11.813 | 15.070                                           |
|                            |                     |                |                                               |                                        |                    |                   | 45   |             | 17.13                      | 17.14 | 20.41                                         | 12.040                     | 11.859 | 15.221                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52   |             | 17.12                      | 17.11 | 20.39                                         | 11.767                     | 11.857 | 15.083                                           |
| 80MHz                      | 0                   | 0              | 0.26                                          | 3.27                                   | 6705               | 151               | SU   | --          | 18.46                      | 18.43 | 21.72                                         | 0.777                      | 0.872  | 4.095                                            |
|                            |                     |                |                                               |                                        |                    |                   | 37   |             | 17.11                      | 17.13 | 20.39                                         | 12.096                     | 11.870 | 15.255                                           |
|                            |                     |                |                                               |                                        |                    |                   | 45   |             | 17.10                      | 17.13 | 20.39                                         | 11.759                     | 11.807 | 15.053                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52   |             | 17.13                      | 17.10 | 20.39                                         | 11.647                     | 11.838 | 15.014                                           |
|                            |                     |                |                                               |                                        | 6785               | 167               | SU   | --          | 18.44                      | 18.38 | 21.68                                         | 1.007                      | 0.817  | 4.183                                            |
|                            |                     |                |                                               |                                        |                    |                   | 37   |             | 17.14                      | 17.10 | 20.39                                         | 12.083                     | 11.864 | 15.245                                           |
|                            |                     |                |                                               |                                        |                    |                   | 45   |             | 17.11                      | 17.12 | 20.39                                         | 11.970                     | 11.875 | 15.193                                           |
|                            |                     |                |                                               |                                        |                    |                   | 52   |             | 17.12                      | 17.11 | 20.39                                         | 11.872                     | 11.873 | 15.143                                           |
| 160MHz                     | 0                   | 0              | 0.26                                          | 3.27                                   | 6665               | 143               | SU   | --          | 18.37                      | 18.41 | 21.66                                         | -2.219                     | -2.137 | 1.092                                            |
|                            |                     |                |                                               |                                        |                    |                   | 53   |             | 18.47                      | 18.37 | 21.69                                         | 9.792                      | 9.674  | 13.004                                           |
|                            |                     |                |                                               |                                        |                    |                   | 60   |             | 18.42                      | 18.43 | 21.70                                         | 9.702                      | 9.520  | 12.882                                           |
|                            |                     |                |                                               |                                        |                    |                   | S60  |             | 18.48                      | 18.43 | 21.73                                         | 10.043                     | 10.220 | 13.403                                           |

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (ANT 6 + ANT 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Un-Correlated Antenna Gain (dBi)

## 9.7. VLP OUTPUT POWER AND PSD

### LIMITS

#### **FCC §15.407**

Bands: 5.925–6.425 GHz and 6.525–6.875 GHz

(9) For very low power devices operating in the 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum power spectral density must not exceed –5 dBm e.i.r.p in any 1-megahertz band and the maximum e.i.r.p must not exceed 14 dBm.

### RESULTS

The data in these sections follows the same testing parameters used for LP modes PSD tests. For test setting parameters, please refer to LP mode PSD test plots.

### 9.7.1. 802.11be SISO MODE IN THE UNII-5 BAND – VERY LOW POWER

| VLP<br>UNII-5<br>(SISO) | Duty Factor<br>(dB) |               | ANT 6<br>Gain<br>(dBi) | ANT 5<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone   | RU<br>Index | Conducted<br>Power (Gated)<br>(dBm) |       | EIRP<br>Power<br>(Limit = 14dBm<br>EIRP) |       | Conducted<br>PSD<br>(dBm/MHz) |        | EIRP<br>PSD<br>(Limit = -5 dBm/MHz<br>EIRP) |        |
|-------------------------|---------------------|---------------|------------------------|------------------------|--------------------|-------------------|--------|-------------|-------------------------------------|-------|------------------------------------------|-------|-------------------------------|--------|---------------------------------------------|--------|
|                         | SU                  | Partial<br>RU |                        |                        |                    |                   |        |             | ANT 6                               | ANT 5 | ANT 6                                    | ANT 5 | ANT 6                         | ANT 5  | ANT 6                                       | ANT 5  |
| 20MHz                   | 0                   | 0             | -0.80                  | -2.40                  | 6115               | 33                | SU     | --          | 5.93                                | 7.62  | 5.13                                     | 5.22  | -5.125                        | -3.724 | -5.925                                      | -6.124 |
|                         |                     |               |                        |                        |                    |                   | 106+26 | 82          | 3.52                                | 5.13  | 2.72                                     | 2.73  | -5.532                        | -4.037 | -6.332                                      | -6.437 |
|                         |                     |               |                        |                        |                    |                   |        | 83          | 3.55                                | 5.14  | 2.75                                     | 2.74  | -5.273                        | -3.915 | -6.073                                      | -6.315 |
|                         |                     |               |                        |                        |                    |                   | SU     | --          | 5.58                                | 7.47  | 5.28                                     | 5.07  | -5.711                        | -3.750 | -6.011                                      | -6.150 |
|                         |                     |               |                        |                        |                    |                   | 106+26 | 82          | 3.17                                | 5.10  | 2.87                                     | 2.70  | -5.588                        | -3.835 | -5.888                                      | -6.235 |
|                         |                     |               |                        |                        |                    |                   |        | 83          | 3.18                                | 5.05  | 2.88                                     | 2.65  | -5.411                        | -3.807 | -5.711                                      | -6.207 |
|                         |                     |               | -0.30                  | -2.40                  | 6275               | 65                | SU     | --          | 5.69                                | 7.58  | 5.39                                     | 5.18  | -5.802                        | -4.023 | -6.102                                      | -6.423 |
|                         |                     |               |                        |                        |                    |                   | 106+26 | 82          | 3.19                                | 5.13  | 2.89                                     | 2.73  | -5.952                        | -4.044 | -6.252                                      | -6.444 |
|                         |                     |               |                        |                        |                    |                   |        | 83          | 3.22                                | 5.08  | 2.92                                     | 2.68  | -5.844                        | -4.094 | -6.144                                      | -6.494 |
|                         |                     |               |                        |                        |                    |                   | SU     | --          | 8.90                                | 10.38 | 8.10                                     | 7.98  | -5.472                        | -4.084 | -6.272                                      | -6.484 |
|                         |                     |               |                        |                        |                    |                   | 106+26 | 82          | 3.56                                | 5.15  | 2.76                                     | 2.75  | -5.491                        | -3.964 | -6.291                                      | -6.364 |
|                         |                     |               |                        |                        |                    |                   |        | 84          | 3.57                                | 5.14  | 2.77                                     | 2.74  | -5.394                        | -3.762 | -6.194                                      | -6.162 |
| 40MHz                   | 0                   | 0             | -0.80                  | -2.40                  | 6125               | 35                | SU     | --          | 8.90                                | 10.38 | 8.10                                     | 7.98  | -5.472                        | -4.084 | -6.272                                      | -6.484 |
|                         |                     |               |                        |                        |                    |                   | 106+26 | 82          | 3.56                                | 5.15  | 2.76                                     | 2.75  | -5.491                        | -3.964 | -6.291                                      | -6.364 |
|                         |                     |               |                        |                        |                    |                   |        | 84          | 3.57                                | 5.14  | 2.77                                     | 2.74  | -5.394                        | -3.762 | -6.194                                      | -6.162 |
|                         |                     |               |                        |                        |                    |                   |        | 85          | 3.52                                | 5.05  | 2.72                                     | 2.65  | -5.540                        | -3.689 | -6.340                                      | -6.089 |
|                         |                     |               | -0.30                  | -2.40                  | 6285               | 67                | SU     | --          | 8.47                                | 10.50 | 8.17                                     | 8.10  | -5.648                        | -3.687 | -5.948                                      | -6.087 |
|                         |                     |               |                        |                        |                    |                   | 106+26 | 82          | 3.05                                | 5.01  | 2.75                                     | 2.61  | -5.909                        | -3.895 | -6.209                                      | -6.295 |
|                         |                     |               |                        |                        |                    |                   |        | 84          | 3.13                                | 5.08  | 2.83                                     | 2.68  | -5.129                        | -3.859 | -5.429                                      | -6.259 |
|                         |                     |               |                        |                        |                    |                   |        | 85          | 3.15                                | 5.09  | 2.85                                     | 2.69  | -5.762                        | -3.818 | -6.062                                      | -6.218 |
|                         |                     |               | -0.30                  | -2.40                  | 6405               | 91                | SU     | --          | 8.51                                | 10.51 | 8.21                                     | 8.11  | -5.727                        | -3.606 | -6.027                                      | -6.006 |
|                         |                     |               |                        |                        |                    |                   | 106+26 | 82          | 3.09                                | 5.01  | 2.79                                     | 2.61  | -6.435                        | -4.340 | -6.735                                      | -6.740 |
|                         |                     |               |                        |                        |                    |                   |        | 84          | 3.13                                | 5.04  | 2.83                                     | 2.64  | -5.776                        | -4.163 | -6.076                                      | -6.563 |
|                         |                     |               |                        |                        |                    |                   |        | 85          | 3.12                                | 4.95  | 2.82                                     | 2.55  | -6.059                        | -4.395 | -6.359                                      | -6.795 |
| 80MHz                   | 0                   | 0             | -0.80                  | -2.40                  | 6145               | 39                | SU     | --          | 12.03                               | 13.49 | 11.23                                    | 11.09 | -5.109                        | -3.726 | -5.909                                      | -6.126 |
|                         |                     |               |                        |                        |                    |                   | 484    | 65          | 8.89                                | 10.48 | 8.09                                     | 8.08  | -5.344                        | -3.848 | -6.144                                      | -6.248 |
|                         |                     |               |                        |                        |                    |                   |        | 66          | 8.88                                | 10.41 | 8.08                                     | 8.01  | -5.142                        | -3.906 | -5.942                                      | -6.306 |
|                         |                     |               | -0.30                  | -2.40                  | 6305               | 71                | SU     | --          | 11.38                               | 13.46 | 11.08                                    | 11.06 | -5.876                        | -3.505 | -6.176                                      | -5.905 |
|                         |                     |               |                        |                        |                    |                   | 484    | 65          | 8.46                                | 10.47 | 8.16                                     | 8.07  | -5.459                        | -3.654 | -5.759                                      | -6.054 |
|                         |                     |               |                        |                        |                    |                   |        | 66          | 8.47                                | 10.58 | 8.17                                     | 8.18  | -5.601                        | -3.413 | -5.901                                      | -5.813 |
| 160MHz                  | 0                   | 0             | -0.80                  | -2.40                  | 6185               | 47                | SU     | --          | 11.51                               | 13.52 | 11.21                                    | 11.12 | -5.944                        | -3.770 | -6.244                                      | -6.170 |
|                         |                     |               |                        |                        |                    |                   | 484    | 65          | 8.43                                | 10.47 | 8.13                                     | 8.07  | -6.009                        | -3.519 | -6.309                                      | -5.919 |
|                         |                     |               |                        |                        |                    |                   |        | 66          | 8.43                                | 10.51 | 8.13                                     | 8.11  | -5.864                        | -3.666 | -6.164                                      | -6.066 |
|                         |                     |               | -0.30                  | -2.40                  | 6345               | 79                | SU     | --          | 13.67                               | 15.33 | 12.87                                    | 12.93 | -6.405                        | -4.799 | -7.205                                      | -7.199 |
|                         |                     |               |                        |                        |                    |                   | 484    | 65          | 8.88                                | 10.42 | 8.08                                     | 8.02  | -5.323                        | -3.445 | -6.123                                      | -5.845 |
|                         |                     |               |                        |                        |                    |                   |        | 66          | 8.95                                | 10.44 | 8.15                                     | 8.04  | -5.260                        | -3.687 | -6.060                                      | -6.087 |
|                         |                     |               |                        |                        |                    |                   | S66    | 8.94        | 10.49                               | 8.14  | 8.09                                     | 8.09  | -5.335                        | -3.589 | -6.135                                      | -5.989 |
|                         |                     |               |                        |                        |                    |                   | SU     | --          | 13.22                               | 15.23 | 12.92                                    | 12.83 | -6.965                        | -5.309 | -7.265                                      | -7.709 |
|                         |                     |               |                        |                        |                    |                   | 484    | 65          | 8.41                                | 10.51 | 8.11                                     | 8.11  | -5.828                        | -3.945 | -6.128                                      | -6.345 |
|                         |                     |               |                        |                        |                    |                   |        | 66          | 8.43                                | 10.53 | 8.13                                     | 8.13  | -5.762                        | -4.039 | -6.062                                      | -6.439 |
|                         |                     |               |                        |                        |                    |                   | S66    | 8.44        | 10.52                               | 8.14  | 8.12                                     | 8.12  | -5.843                        | -4.115 | -6.143                                      | -6.515 |

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm)+ Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)

### 9.7.2. 802.11be MIMO CDD MODE IN THE UNII-5 BAND – VERY LOW POWER

| VLP CDD UNII-5 (MIMO) | Duty Factor (dB) |             | Un-Correlated Antenna Gain (dBi) | Correlated Antenna Gain (dBi) | Frequency (MHz) | Channel Number | Tone | RU Index | Conducted Power (Gated) |       | EIRP MIMO Power (Limit = 14dBm EIRP) | Conducted PSD (dBm/MHz) |         | EIRP MIMO PSD (Limit = -5 dBm/MHz EIRP) |
|-----------------------|------------------|-------------|----------------------------------|-------------------------------|-----------------|----------------|------|----------|-------------------------|-------|--------------------------------------|-------------------------|---------|-----------------------------------------|
|                       | SU               | Partial Rus |                                  |                               |                 |                |      |          | ANT 6                   | ANT 5 |                                      | ANT 6                   | ANT 5   |                                         |
| 20MHz                 | 0                | 0           | -1.53                            | 1.45                          | 6115            | 33             | SU   | --       | 0.63                    | 0.56  | 2.08                                 | -10.606                 | -10.563 | -6.124                                  |
|                       |                  |             |                                  |                               |                 |                | 82   | 106+26   | -1.81                   | -1.83 | -0.34                                | -10.938                 | -10.800 | -6.408                                  |
|                       |                  |             |                                  |                               |                 |                | 83   | 106+26   | -1.84                   | -1.82 | -0.35                                | -10.880                 | -10.824 | -6.392                                  |
|                       |                  |             | -1.22                            | 1.72                          | 6275            | 65             | SU   | --       | 0.41                    | 0.45  | 2.22                                 | -11.001                 | -10.912 | -6.226                                  |
|                       |                  |             |                                  |                               |                 |                | 82   | 106+26   | -2.03                   | -1.95 | -0.20                                | -10.969                 | -10.678 | -6.091                                  |
|                       |                  |             |                                  |                               |                 |                | 83   | 106+26   | -1.97                   | -1.98 | -0.18                                | -10.816                 | -11.000 | -6.177                                  |
|                       |                  |             | -1.22                            | 1.72                          | 6415            | 93             | SU   | --       | 0.48                    | 0.42  | 2.24                                 | -11.000                 | -11.190 | -6.364                                  |
|                       |                  |             |                                  |                               |                 |                | 82   | 106+26   | -1.98                   | -1.97 | -0.18                                | -10.787                 | -11.193 | -6.255                                  |
|                       |                  |             |                                  |                               |                 |                | 83   | 106+26   | -1.96                   | -2.00 | -0.19                                | -11.082                 | -11.067 | -6.344                                  |
| 40MHz                 | 0                | 0           | -1.53                            | 1.45                          | 6125            | 35             | SU   | --       | 3.52                    | 3.59  | 5.04                                 | -10.433                 | -10.518 | -6.015                                  |
|                       |                  |             |                                  |                               |                 |                | 82   | 106+26   | -1.76                   | -1.79 | -0.29                                | -10.822                 | -10.644 | -6.272                                  |
|                       |                  |             |                                  |                               |                 |                | 84   | 106+26   | -1.74                   | -1.71 | -0.24                                | -10.485                 | -10.375 | -5.969                                  |
|                       |                  |             |                                  |                               |                 |                | 85   | 106+26   | -1.81                   | -1.77 | -0.31                                | -11.012                 | -10.673 | -6.379                                  |
|                       |                  |             | -1.22                            | 1.72                          | 6285            | 67             | SU   | --       | 3.40                    | 3.41  | 5.20                                 | -10.644                 | -10.522 | -5.852                                  |
|                       |                  |             |                                  |                               |                 |                | 82   | 106+26   | -1.97                   | -2.01 | -0.20                                | -11.048                 | -10.846 | -6.216                                  |
|                       |                  |             |                                  |                               |                 |                | 84   | 106+26   | -1.94                   | -2.02 | -0.19                                | -10.871                 | -10.603 | -6.005                                  |
|                       |                  |             |                                  |                               |                 |                | 85   | 106+26   | -1.93                   | -1.95 | -0.15                                | -10.998                 | -11.104 | -6.320                                  |
|                       |                  |             | -1.22                            | 1.72                          | 6405            | 91             | SU   | --       | 3.46                    | 3.42  | 5.23                                 | -10.920                 | -10.428 | -5.937                                  |
|                       |                  |             |                                  |                               |                 |                | 82   | 106+26   | -2.09                   | -2.07 | -0.29                                | -11.182                 | -11.388 | -6.553                                  |
|                       |                  |             |                                  |                               |                 |                | 84   | 106+26   | -2.08                   | -2.02 | -0.26                                | -11.399                 | -11.218 | -6.577                                  |
|                       |                  |             |                                  |                               |                 |                | 85   | 106+26   | -2.10                   | -2.11 | -0.31                                | -11.338                 | -11.486 | -6.681                                  |
| 80MHz                 | 0                | 0           | -1.53                            | 1.45                          | 6145            | 39             | SU   | --       | 6.55                    | 6.55  | 8.03                                 | -10.786                 | -10.520 | -6.191                                  |
|                       |                  |             |                                  |                               |                 |                | 484  | 65       | 3.55                    | 3.51  | 5.01                                 | -10.609                 | -10.691 | -6.190                                  |
|                       |                  |             | -1.22                            | 1.72                          | 6305            | 71             | 66   | 484      | 3.57                    | 3.55  | 5.04                                 | -10.646                 | -10.661 | -6.193                                  |
|                       |                  |             |                                  |                               |                 |                | 66   | 484      | 3.42                    | 3.48  | 5.24                                 | -10.762                 | -10.751 | -6.026                                  |
|                       |                  |             | -1.22                            | 1.72                          | 6385            | 87             | SU   | --       | 6.43                    | 6.41  | 8.21                                 | -11.191                 | -11.296 | -6.513                                  |
|                       |                  |             |                                  |                               |                 |                | 65   | 484      | 3.25                    | 3.35  | 5.09                                 | -11.144                 | -11.306 | -6.494                                  |
|                       |                  |             |                                  |                               |                 |                | 66   | 484      | 3.31                    | 3.31  | 5.10                                 | -10.916                 | -10.852 | -6.154                                  |
|                       |                  |             |                                  |                               |                 |                | 66   | 484      | 3.31                    | 3.31  | 5.10                                 | -10.916                 | -10.852 | -6.154                                  |
| 160MHz                | 0                | 0           | -1.53                            | 1.45                          | 6185            | 47             | SU   | --       | 9.52                    | 9.46  | 10.97                                | -10.740                 | -10.574 | -6.196                                  |
|                       |                  |             |                                  |                               |                 |                | 65   | 484      | 3.46                    | 3.51  | 4.97                                 | -10.700                 | -10.674 | -6.227                                  |
|                       |                  |             |                                  |                               |                 |                | 66   | 484      | 3.52                    | 3.53  | 5.01                                 | -10.764                 | -10.721 | -6.282                                  |
|                       |                  |             |                                  |                               |                 |                | S66  | 484      | 3.52                    | 3.51  | 5.00                                 | -10.756                 | -10.686 | -6.261                                  |
|                       |                  |             | -1.22                            | 1.72                          | 6345            | 79             | SU   | --       | 9.11                    | 9.14  | 10.92                                | -11.323                 | -11.149 | -6.505                                  |
|                       |                  |             |                                  |                               |                 |                | 65   | 484      | 3.32                    | 3.37  | 5.14                                 | -11.323                 | -11.512 | -6.686                                  |
|                       |                  |             |                                  |                               |                 |                | 66   | 484      | 3.32                    | 3.34  | 5.12                                 | -11.224                 | -11.215 | -6.489                                  |
|                       |                  |             |                                  |                               |                 |                | S66  | 484      | 3.31                    | 3.34  | 5.12                                 | -11.415                 | -10.866 | -6.402                                  |

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (ANT 6 + ANT 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)

**9.7.3. 802.11be MIMO SDM MODE IN THE UNII-5 BAND – VERY LOW POWER**

| VLP SDM<br>UNII-5<br>(MIMO) | Duty Factor<br>(dB) |                | Un-<br>Correlated<br>Antenna<br>Gain<br>(dBi) | Correlated<br>Antenna<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone   | RU<br>Index | Conducted<br>Power (Gated) |        | EIRP MIMO<br>Power<br>(Limit =<br>14dBm EIRP) | Conducted PSD<br>(dBm/MHz) |        | EIRP MIMO<br>PSD<br>(Limit = -5<br>dBm/MHz EIRP) |
|-----------------------------|---------------------|----------------|-----------------------------------------------|----------------------------------------|--------------------|-------------------|--------|-------------|----------------------------|--------|-----------------------------------------------|----------------------------|--------|--------------------------------------------------|
|                             | SU                  | Partial<br>Rus |                                               |                                        |                    |                   |        |             | ANT 6                      | ANT 5  |                                               | ANT 6                      | ANT 5  |                                                  |
| 20MHz                       | 0                   | 0              | -1.53                                         | 1.45                                   | 6115               | 33                | SU     | --          | 3.64                       | 3.61   | 5.11                                          | -7.340                     | -7.621 | -5.998                                           |
|                             |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 1.22                       | 1.23   | 2.71                                          | -7.578                     | -7.415 | -6.015                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 83          | 1.28                       | 1.17   | 2.71                                          | -7.266                     | -7.586 | -5.943                                           |
|                             |                     |                | -1.22                                         | 1.72                                   | 6275               | 65                | SU     | --          | 3.49                       | 3.47   | 5.27                                          | -7.864                     | -7.754 | -6.018                                           |
|                             |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 1.05                       | 1.03   | 2.83                                          | -7.963                     | -8.052 | -6.217                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 83          | 1.02                       | 1.04   | 2.82                                          | -7.541                     | -7.821 | -5.888                                           |
|                             |                     |                | -1.22                                         | 1.72                                   | 6415               | 93                | SU     | --          | 3.46                       | 3.48   | 5.26                                          | -8.011                     | -7.867 | -6.148                                           |
|                             |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 1.02                       | 1.04   | 2.82                                          | -8.049                     | -8.090 | -6.279                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 83          | 1.03                       | 1.02   | 2.82                                          | -8.166                     | -8.419 | -6.500                                           |
| 40MHz                       | 0                   | 0              | -1.53                                         | 1.45                                   | 6125               | 35                | SU     | --          | 6.54                       | 6.48   | 7.99                                          | -7.590                     | -7.432 | -6.030                                           |
|                             |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 1.20                       | 1.23   | 2.70                                          | -7.625                     | -7.484 | -6.074                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 84          | 1.21                       | 1.21   | 2.69                                          | -7.570                     | -7.055 | -5.825                                           |
|                             |                     |                | -1.22                                         | 1.72                                   | 6285               | 67                |        | SU          | --                         | 6.49   | 6.48                                          | 8.28                       | -7.815 | -7.609                                           |
|                             |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 1.03                       | 1.04   | 2.83                                          | -7.791                     | -7.784 | -5.997                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 84          | 1.02                       | 1.03   | 2.82                                          | -7.747                     | -7.760 | -5.963                                           |
|                             |                     |                | 85                                            | 1.01                                   | 1.02               | 2.81              |        | -7.977      | -8.057                     | -6.227 |                                               |                            |        |                                                  |
|                             |                     |                | -1.22                                         | 1.72                                   | 6405               | 91                | SU     | --          | 6.44                       | 6.41   | 8.22                                          | -7.908                     | -7.970 | -6.149                                           |
|                             |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | 0.88                       | 0.91   | 2.69                                          | -8.339                     | -8.176 | -6.466                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 84          | 0.9                        | 0.92   | 2.70                                          | -8.327                     | -8.333 | -6.540                                           |
|                             |                     |                | 85                                            | 0.94                                   | 0.96               | 2.74              |        | -8.355      | -8.102                     | -6.436 |                                               |                            |        |                                                  |
|                             |                     |                | 80MHz                                         | 0                                      | 0                  | -1.53             | 1.45   | 6145        | 39                         | SU     | --                                            | 9.62                       | 9.60   | 11.09                                            |
| 484                         | 65                  | 6.47           |                                               |                                        |                    |                   |        |             |                            | 6.49   | 7.96                                          | -7.511                     | -7.688 | -6.118                                           |
|                             | 66                  | 6.46           |                                               |                                        |                    |                   |        |             |                            | 6.51   | 7.97                                          | -7.626                     | -7.552 | -6.109                                           |
| -1.22                       | 1.72                | 6305           |                                               |                                        |                    | 71                | SU     | --          | 9.31                       | 9.32   | 11.11                                         | -7.961                     | -7.866 | -6.123                                           |
|                             |                     |                |                                               |                                        |                    |                   | 484    | 65          | 6.41                       | 6.43   | 8.21                                          | -7.910                     | -8.160 | -6.243                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 66          | 6.41                       | 6.36   | 8.18                                          | -8.019                     | -7.795 | -6.115                                           |
| -1.22                       | 1.72                | 6385           |                                               |                                        |                    | 87                | SU     | --          | 9.42                       | 9.44   | 11.22                                         | -8.214                     | -8.088 | -6.360                                           |
|                             |                     |                |                                               |                                        |                    |                   | 484    | 65          | 6.29                       | 6.32   | 8.10                                          | -8.591                     | -8.328 | -6.667                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 66          | 6.32                       | 6.38   | 8.14                                          | -8.355                     | -7.858 | -6.309                                           |
| 160MHz                      | 0                   | 0              | -1.53                                         | 1.45                                   | 6185               | 47                | SU     | --          | 11.41                      | 11.39  | 12.88                                         | -8.822                     | -8.675 | -7.268                                           |
|                             |                     |                |                                               |                                        |                    |                   | 484    | 65          | 6.52                       | 6.56   | 8.02                                          | -7.767                     | -7.547 | -6.175                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 66          | 6.52                       | 6.53   | 8.01                                          | -7.303                     | -7.423 | -5.882                                           |
|                             |                     |                | S66                                           | 6.48                                   | 6.50               | 7.97              |        | -7.459      | -7.637                     | -6.067 |                                               |                            |        |                                                  |
|                             |                     |                | -1.22                                         | 1.72                                   | 6345               | 79                | SU     | --          | 11.15                      | 11.16  | 12.95                                         | -9.307                     | -8.970 | -7.345                                           |
|                             |                     |                |                                               |                                        |                    |                   | 484    | 65          | 6.35                       | 6.33   | 8.13                                          | -8.192                     | -8.206 | -6.409                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 66          | 6.32                       | 6.33   | 8.12                                          | -8.089                     | -8.248 | -6.377                                           |
|                             |                     |                | S66                                           | 6.32                                   | 6.28               | 8.09              |        | -8.278      | -8.487                     | -6.591 |                                               |                            |        |                                                  |

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (ANT 6 + ANT 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)

### 9.7.4. 802.11be SISO MODE IN THE UNII-6 BAND – VERY LOW POWER

| VLP<br>UNII-6<br>(SISO) | Duty Factor<br>(dB) |               | Ant 6<br>Gain<br>(dBi) | Ant 5<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone    | RU<br>Index | Conducted<br>Power (Gated)<br>(dBm) |       | EIRP<br>Power<br>(Limit = 14dBm<br>EIRP) |       | Conducted<br>PSD<br>(dBm/MHz) |        | EIRP<br>PSD<br>(Limit = -5 dBm/MHz<br>EIRP) |        |
|-------------------------|---------------------|---------------|------------------------|------------------------|--------------------|-------------------|---------|-------------|-------------------------------------|-------|------------------------------------------|-------|-------------------------------|--------|---------------------------------------------|--------|
|                         | SU                  | Partial<br>RU |                        |                        |                    |                   |         |             | ANT 6                               | ANT 5 | ANT 6                                    | ANT 5 | ANT 6                         | ANT 5  | ANT 6                                       | ANT 5  |
| 20MHz                   | 0                   | 0             | -1.60                  | -2.00                  | 6435               | 97                | SU      | --          | 6.68                                | 7.37  | 5.08                                     | 5.37  | -4.590                        | -3.693 | -6.190                                      | -5.693 |
|                         |                     |               |                        |                        |                    |                   | 106     | 53          | 3.41                                | 3.97  | 1.81                                     | 1.97  | -4.369                        | -3.723 | -5.969                                      | -5.723 |
|                         |                     |               |                        |                        |                    |                   |         | 54          | 3.43                                | 3.98  | 1.83                                     | 1.98  | -4.270                        | -3.765 | -5.870                                      | -5.765 |
|                         |                     |               |                        |                        | 6475               | 105               | SU      | --          | 6.72                                | 7.35  | 5.12                                     | 5.35  | -4.249                        | -3.608 | -5.849                                      | -5.608 |
|                         |                     |               |                        |                        |                    |                   | 106     | 53          | 3.47                                | 3.88  | 1.87                                     | 1.88  | -4.490                        | -3.588 | -6.090                                      | -5.588 |
|                         |                     |               |                        |                        |                    |                   |         | 54          | 3.47                                | 3.89  | 1.87                                     | 1.89  | -4.289                        | -3.603 | -5.889                                      | -5.603 |
|                         |                     |               |                        |                        | 6515               | 113               | SU      | --          | 6.68                                | 7.30  | 5.08                                     | 5.30  | -4.710                        | -3.769 | -6.310                                      | -5.769 |
|                         |                     |               |                        |                        |                    |                   | 106     | 53          | 3.46                                | 3.88  | 1.86                                     | 1.88  | -4.286                        | -3.924 | -5.886                                      | -5.924 |
|                         |                     |               |                        |                        |                    |                   |         | 54          | 3.44                                | 3.93  | 1.84                                     | 1.93  | -4.724                        | -4.425 | -6.324                                      | -6.425 |
|                         |                     |               |                        |                        |                    |                   |         |             |                                     |       |                                          |       |                               |        |                                             |        |
| 40MHz                   | 0                   | 0             | -1.60                  | -2.00                  | 6445               | 99                | SU      | --          | 9.81                                | 10.15 | 8.21                                     | 8.15  | -4.416                        | -4.096 | -6.016                                      | -6.096 |
|                         |                     |               |                        |                        |                    |                   | 52      | 37          | 0.26                                | 0.74  | -1.34                                    | -1.26 | -5.650                        | -3.526 | -7.250                                      | -5.526 |
|                         |                     |               |                        |                        |                    |                   |         | 41          | 0.39                                | 0.76  | -1.21                                    | -1.24 | -5.116                        | -3.367 | -6.716                                      | -5.367 |
|                         |                     |               |                        |                        |                    |                   |         | 44          | 0.25                                | 0.75  | -1.35                                    | -1.25 | -5.380                        | -3.501 | -6.980                                      | -5.501 |
|                         |                     |               |                        |                        | 6485               | 107               | SU      | --          | 9.79                                | 10.22 | 8.19                                     | 8.22  | -4.682                        | -4.085 | -6.282                                      | -6.085 |
|                         |                     |               |                        |                        |                    |                   | 52      | 37          | 0.37                                | 0.71  | -1.23                                    | -1.29 | -6.372                        | -3.296 | -7.972                                      | -5.296 |
|                         |                     |               |                        |                        |                    |                   |         | 41          | 0.39                                | 0.76  | -1.21                                    | -1.24 | -5.111                        | -3.358 | -6.711                                      | -5.358 |
|                         |                     |               |                        |                        |                    |                   |         | 44          | 0.39                                | 0.74  | -1.21                                    | -1.26 | -5.365                        | -3.441 | -6.965                                      | -5.441 |
|                         |                     |               | -0.10                  | 0.60                   | 6525<br>(Straddle) | 115               | SU      | --          | 8.23                                | 7.57  | 8.13                                     | 8.17  | -6.444                        | -6.126 | -6.544                                      | -5.526 |
|                         |                     |               |                        |                        |                    |                   | 52      | 37          | -1.06                               | -1.85 | -1.16                                    | -1.25 | -6.740                        | -7.897 | -6.840                                      | -7.297 |
|                         |                     |               |                        |                        |                    |                   |         | 41          | -1.07                               | -1.84 | -1.17                                    | -1.24 | -6.699                        | -7.781 | -6.799                                      | -7.181 |
|                         |                     |               |                        |                        |                    |                   |         | 44          | -1.07                               | -1.83 | -1.17                                    | -1.23 | -7.067                        | -8.083 | -7.167                                      | -7.483 |
|                         |                     |               |                        |                        |                    |                   |         |             |                                     |       |                                          |       |                               |        |                                             |        |
|                         |                     |               |                        |                        |                    |                   |         |             |                                     |       |                                          |       |                               |        |                                             |        |
| 80MHz                   | 0                   | 0             | -1.60                  | -2.00                  | 6465               | 103               | SU      | --          | 12.65                               | 12.95 | 11.05                                    | 10.95 | -5.037                        | -3.372 | -6.637                                      | -5.372 |
|                         |                     |               |                        |                        |                    |                   | 106     | 53          | 3.37                                | 3.96  | 1.77                                     | 1.96  | -4.692                        | -3.220 | -6.292                                      | -5.220 |
|                         |                     |               |                        |                        |                    |                   |         | 56          | 3.46                                | 3.91  | 1.86                                     | 1.91  | -4.756                        | -3.703 | -6.356                                      | -5.703 |
|                         |                     |               |                        |                        |                    |                   |         | 60          | 3.38                                | 3.93  | 1.78                                     | 1.93  | -4.863                        | -4.000 | -6.463                                      | -6.000 |
| 160MHz                  | 0                   | 0             | -0.10                  | 0.60                   | 6505<br>(Straddle) | 111               | SU      | --          | 13.05                               | 12.28 | 12.95                                    | 12.88 | -7.166                        | -8.175 | -7.266                                      | -7.575 |
|                         |                     |               |                        |                        |                    |                   | 996+484 | 94          | 12.72                               | 11.05 | 12.62                                    | 11.65 | -5.902                        | -7.142 | -6.002                                      | -6.542 |
|                         |                     |               |                        |                        |                    |                   |         | 95          | 12.69                               | 10.98 | 12.59                                    | 11.58 | -5.933                        | -7.445 | -6.033                                      | -6.845 |
|                         |                     |               |                        |                        |                    |                   |         | S95         | 12.72                               | 10.99 | 12.62                                    | 11.59 | -6.153                        | -7.670 | -6.253                                      | -7.070 |

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm)+ Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)

### 9.7.5. 802.11be MIMO CDD MODE IN THE UNII-6 BAND – VERY LOW POWER

| VLP CDD UNII-6 (MIMO) | Duty Factor (dB) |             | Un-Correlated Antenna Gain (dBi) | Correlated Antenna Gain (dBi) | Frequency (MHz) | Channel Number | Tone | RU Index | Conducted Power (Gated) |       | ERP MIMO Power (Limit = 14dBm EIRP) | Conducted PSD (dBm/MHz) |         | EIRP MIMO PSD (Limit = -5 dBm/MHz EIRP) |
|-----------------------|------------------|-------------|----------------------------------|-------------------------------|-----------------|----------------|------|----------|-------------------------|-------|-------------------------------------|-------------------------|---------|-----------------------------------------|
|                       | SU               | Partial Rus |                                  |                               |                 |                |      |          | ANT 6                   | ANT 5 |                                     | ANT 6                   | ANT 5   |                                         |
| 20MHz                 | 0                | 0.1         | -1.80                            | 1.21                          | 6435            | 97             | SU   | --       | 0.88                    | 0.89  | 2.10                                | -10.030                 | -10.082 | -5.836                                  |
|                       |                  |             |                                  |                               |                 |                | 70   |          | -3.71                   | -3.63 | -2.46                               | -10.302                 | -10.102 | -5.881                                  |
|                       |                  |             |                                  |                               |                 |                | 71   |          | -3.67                   | -3.64 | -2.44                               | -10.206                 | -10.243 | -5.904                                  |
|                       |                  |             |                                  |                               |                 |                | 72   |          | -3.71                   | -3.63 | -2.46                               | -10.356                 | -10.489 | -6.102                                  |
|                       |                  |             |                                  |                               | 6475            | 105            | SU   | --       | 0.95                    | 0.93  | 2.15                                | -9.913                  | -10.289 | -5.877                                  |
|                       |                  |             |                                  |                               |                 |                | 70   |          | -3.75                   | -3.62 | -2.47                               | -10.014                 | -10.416 | -5.890                                  |
|                       |                  |             |                                  |                               |                 |                | 71   |          | -3.62                   | -3.65 | -2.42                               | -10.151                 | -10.456 | -5.981                                  |
|                       |                  |             |                                  |                               |                 |                | 72   |          | -3.65                   | -3.65 | -2.44                               | -10.326                 | -10.592 | -6.137                                  |
|                       |                  |             |                                  |                               | 6515            | 113            | SU   | --       | 0.99                    | 0.92  | 2.17                                | -10.183                 | -10.287 | -6.014                                  |
|                       |                  |             |                                  |                               |                 |                | 70   |          | -3.70                   | -3.62 | -2.45                               | -10.201                 | -10.516 | -6.035                                  |
|                       |                  |             |                                  |                               |                 |                | 71   |          | -3.68                   | -3.62 | -2.44                               | -10.450                 | -10.685 | -6.246                                  |
|                       |                  |             |                                  |                               |                 |                | 72   |          | -3.69                   | -3.62 | -2.44                               | -10.653                 | -10.359 | -6.183                                  |
| 40MHz                 | 0                | 0           | -1.80                            | 1.21                          | 6445            | 99             | SU   | --       | 3.88                    | 3.90  | 5.10                                | -9.840                  | -9.353  | -5.369                                  |
|                       |                  |             |                                  |                               |                 |                | 61   |          | 0.96                    | 0.98  | 2.18                                | -10.109                 | -10.303 | -5.985                                  |
|                       |                  |             |                                  |                               |                 |                | 62   |          | 0.89                    | 0.97  | 2.14                                | -10.235                 | -10.349 | -6.071                                  |
|                       |                  |             |                                  |                               |                 |                | 62   |          | 0.96                    | 0.98  | 2.18                                | -10.209                 | -10.277 | -6.023                                  |
|                       |                  |             |                                  |                               | 6485            | 107            | SU   | --       | 3.92                    | 3.95  | 5.15                                | -9.961                  | -9.696  | -5.606                                  |
|                       |                  |             |                                  |                               |                 |                | 61   |          | 0.97                    | 0.98  | 2.19                                | -9.986                  | -10.187 | -5.865                                  |
|                       |                  |             |                                  |                               |                 |                | 62   |          | 0.96                    | 0.98  | 2.18                                | -10.209                 | -10.277 | -6.023                                  |
|                       |                  |             |                                  |                               |                 |                | 62   |          | 0.96                    | 0.98  | 2.18                                | -10.209                 | -10.277 | -6.023                                  |
|                       |                  |             | 0.26                             | 3.27                          | 6525 (Straddle) | 115            | SU   | --       | 1.85                    | 1.88  | 5.14                                | -12.130                 | -11.776 | -5.669                                  |
|                       |                  |             |                                  |                               |                 |                | 61   |          | -1.37                   | -1.33 | 1.92                                | -12.668                 | -12.952 | -6.527                                  |
|                       |                  |             |                                  |                               |                 |                | 62   |          | -1.34                   | -1.34 | 1.93                                | -12.811                 | -12.685 | -6.467                                  |
|                       |                  |             |                                  |                               |                 |                | 64   |          | 0.95                    | 0.98  | 2.18                                | -10.656                 | -10.693 | -6.454                                  |
| 80MHz                 | 0                | 0           | -1.80                            | 1.21                          | 6465            | 103            | SU   | --       | 6.68                    | 6.69  | 7.90                                | -9.970                  | -9.472  | -5.494                                  |
|                       |                  |             |                                  |                               |                 |                | 61   |          | 0.97                    | 0.94  | 2.17                                | -10.494                 | -10.318 | -6.185                                  |
|                       |                  |             |                                  |                               |                 |                | 62   |          | 0.96                    | 0.98  | 2.18                                | -10.505                 | -10.539 | -6.302                                  |
|                       |                  |             |                                  |                               |                 |                | 64   |          | 0.95                    | 0.98  | 2.18                                | -10.656                 | -10.693 | -6.454                                  |
| 160MHz                | 0                | 0           | 0.26                             | 3.27                          | 6505 (Straddle) | 111            | SU   | --       | 7.58                    | 7.59  | 10.86                               | -12.182                 | -12.268 | -5.944                                  |
|                       |                  |             |                                  |                               |                 |                | 67   |          | 5.02                    | 5.01  | 8.29                                | -12.714                 | -12.284 | -6.213                                  |
|                       |                  |             |                                  |                               |                 |                | S67  |          | 5.03                    | 5.05  | 8.31                                | -12.475                 | -12.064 | -5.984                                  |

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (ANT 6 + ANT 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)



**9.7.6. 802.11be MIMO SDM MODE IN THE UNII-6 BAND – VERY LOW POWER**

| VLP SDM<br>UNII-6<br>(MIMO) | Duty Factor<br>(dB) |                | Un-<br>Correlated<br>Antenna<br>Gain<br>(dBi) | Correlated<br>Antenna<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone  | RU<br>Index | Conducted<br>Power (Gated) |       | EIRP MIMO<br>Power<br>(Limit = 14dBm<br>EIRP) | Conducted PSD<br>(dBm/MHz) |         | EIRP MIMO<br>PSD<br>(Limit = -5<br>dBm/MHz EIRP) |        |        |        |
|-----------------------------|---------------------|----------------|-----------------------------------------------|----------------------------------------|--------------------|-------------------|-------|-------------|----------------------------|-------|-----------------------------------------------|----------------------------|---------|--------------------------------------------------|--------|--------|--------|
|                             | SU                  | Partial<br>Rus |                                               |                                        |                    |                   |       |             | ANT 6                      | ANT 5 |                                               | ANT 6                      | ANT 5   |                                                  |        |        |        |
| 20MHz                       | 0                   | 0.1            | -1.80                                         | 1.21                                   | 6435               | 97                | SU    | --          | 3.90                       | 3.87  | 5.10                                          | -7.379                     | -7.337  | -6.148                                           |        |        |        |
|                             |                     |                |                                               |                                        |                    |                   | 52+26 | 70          | -0.66                      | -0.70 | 0.53                                          | -7.446                     | -7.803  | -6.311                                           |        |        |        |
|                             |                     |                |                                               |                                        |                    |                   |       | 71          | -0.70                      | -0.72 | 0.50                                          | -7.481                     | -7.845  | -6.349                                           |        |        |        |
|                             |                     |                |                                               |                                        |                    |                   |       | 72          | -0.70                      | -0.65 | 0.54                                          | -7.471                     | -7.353  | -6.101                                           |        |        |        |
|                             |                     |                |                                               |                                        | 6475               | 105               | SU    | --          | 3.91                       | 3.89  | 5.11                                          | -7.496                     | -7.640  | -6.357                                           |        |        |        |
|                             |                     |                |                                               |                                        |                    |                   | 52+26 | 70          | -0.67                      | -0.75 | 0.50                                          | -7.436                     | -7.402  | -6.109                                           |        |        |        |
|                             |                     |                |                                               |                                        |                    |                   |       | 71          | -0.7                       | -0.67 | 0.53                                          | -7.525                     | -7.573  | -6.239                                           |        |        |        |
|                             |                     |                |                                               |                                        |                    |                   |       | 72          | -0.65                      | -0.67 | 0.55                                          | -7.538                     | -7.468  | -6.193                                           |        |        |        |
|                             |                     |                |                                               |                                        | 6515               | 113               | SU    | --          | 3.97                       | 3.90  | 5.15                                          | -7.220                     | -7.516  | -6.155                                           |        |        |        |
|                             |                     |                |                                               |                                        |                    |                   | 52+26 | 70          | -0.67                      | -0.75 | 0.50                                          | -7.603                     | -7.774  | -6.377                                           |        |        |        |
|                             |                     |                |                                               |                                        |                    |                   |       | 71          | -0.75                      | -0.7  | 0.49                                          | -7.696                     | -7.807  | -6.441                                           |        |        |        |
|                             |                     |                |                                               |                                        |                    |                   |       | 72          | -0.70                      | -0.73 | 0.50                                          | -7.352                     | -7.752  | -6.237                                           |        |        |        |
| 40MHz                       | 0                   | -1.80          | 1.21                                          | 6445                                   | 99                 | SU                | --    | 6.90        | 6.90                       | 8.11  | -7.528                                        | -7.519                     | -6.313  |                                                  |        |        |        |
|                             |                     |                |                                               |                                        |                    | 242               | 61    | 3.87        | 3.90                       | 5.10  | -7.628                                        | -7.718                     | -6.462  |                                                  |        |        |        |
|                             |                     |                |                                               |                                        |                    |                   | 62    | 3.85        | 3.85                       | 5.06  | -7.332                                        | -7.640                     | -6.273  |                                                  |        |        |        |
|                             |                     |                |                                               | 6485                                   | 107                | SU                | --    | 6.93        | 6.87                       | 8.11  | -7.380                                        | -7.438                     | -6.199  |                                                  |        |        |        |
|                             |                     |                |                                               |                                        |                    | 242               | 61    | 3.89        | 3.91                       | 5.11  | -7.445                                        | -7.842                     | -6.429  |                                                  |        |        |        |
|                             |                     |                |                                               |                                        |                    |                   | 62    | 3.95        | 3.92                       | 5.15  | -7.753                                        | -7.216                     | -6.266  |                                                  |        |        |        |
|                             |                     | 0.26           | 3.27                                          | 6525<br>(Straddle)                     | 115                | SU                | --    | 4.84        | 4.85                       | 8.12  | -9.695                                        | -9.609                     | -6.381  |                                                  |        |        |        |
|                             |                     |                |                                               |                                        |                    | 242               | 61    | 1.67        | 1.62                       | 4.92  | -10.562                                       | -10.596                    | -7.309  |                                                  |        |        |        |
|                             |                     |                |                                               |                                        |                    |                   | 62    | 1.64        | 1.63                       | 4.91  | -10.688                                       | -10.557                    | -7.352  |                                                  |        |        |        |
|                             |                     |                |                                               | 80MHz                                  | 0                  | -1.80             | 1.21  | 6465        | 103                        | SU    | --                                            | 9.70                       | 9.73    | 10.93                                            | -7.882 | -7.716 | -6.588 |
|                             |                     |                |                                               |                                        |                    |                   |       |             |                            | 242   | 61                                            | 3.90                       | 3.93    | 5.13                                             | -7.756 | -7.662 | -6.498 |
|                             |                     |                |                                               |                                        |                    |                   |       |             |                            |       | 62                                            | 3.97                       | 3.90    | 5.15                                             | -7.561 | -7.592 | -6.366 |
| 64                          | 3.88                | 3.91           | 5.11                                          |                                        |                    |                   |       |             |                            |       | -7.727                                        | -7.524                     | -6.414  |                                                  |        |        |        |
| 160MHz                      | 0                   | 0              | 0.26                                          | 3.27                                   | 6505<br>(Straddle) | 111               | SU    | --          | 9.65                       | 9.60  | 12.90                                         | -10.284                    | -10.585 | -7.162                                           |        |        |        |
|                             |                     |                |                                               |                                        |                    |                   | 996   | 67          | 7.96                       | 8.00  | 11.25                                         | -9.691                     | -9.790  | -6.470                                           |        |        |        |
|                             |                     |                |                                               |                                        |                    |                   |       | S67         | 8.00                       | 7.96  | 11.25                                         | -8.836                     | -9.113  | -5.702                                           |        |        |        |

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (ANT 6 + ANT 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Un-Correlated Antenna Gain (dBi)

### 9.7.7. 802.11be SISO MODE IN THE UNII-7 BAND – VERY LOW POWER

| VLP<br>UNII-7<br>(SISO) | Duty Factor<br>(dB) |               | ANT 6<br>Gain<br>(dBi) | ANT 5<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone   | RU<br>Index | Conducted<br>Power (Gated)<br>(dBm) |       | EIRP<br>Power<br>(Limit = 14dBm EIRP) |       | Conducted<br>PSD<br>(dBm/MHz) |        | EIRP<br>PSD<br>(Limit = -5 dBm/MHz EIRP) |        |
|-------------------------|---------------------|---------------|------------------------|------------------------|--------------------|-------------------|--------|-------------|-------------------------------------|-------|---------------------------------------|-------|-------------------------------|--------|------------------------------------------|--------|
|                         | SU                  | Partial<br>RU |                        |                        |                    |                   |        |             | ANT 6                               | ANT 5 | ANT 6                                 | ANT 5 | ANT 6                         | ANT 5  | ANT 6                                    | ANT 5  |
| 20MHz                   | 0                   | 0             | -0.10                  | 0.60                   | 6535               | 117               | SU     | --          | 4.98                                | 4.48  | 4.88                                  | 5.08  | -5.817                        | -6.096 | -5.917                                   | -5.496 |
|                         |                     |               |                        |                        |                    |                   | 106    | 53          | 1.73                                | 1.03  | 1.63                                  | 1.63  | -5.565                        | -6.638 | -5.665                                   | -6.038 |
|                         |                     |               |                        |                        |                    |                   |        | 54          | 1.74                                | 1.01  | 1.64                                  | 1.61  | -5.342                        | -6.661 | -5.442                                   | -6.061 |
|                         |                     |               |                        |                        | 6715               | 153               | SU     | --          | 5.06                                | 4.53  | 4.96                                  | 5.13  | -5.473                        | -5.857 | -5.573                                   | -5.257 |
|                         |                     |               |                        |                        |                    |                   | 106    | 53          | 1.74                                | 0.98  | 1.64                                  | 1.58  | -5.529                        | -6.428 | -5.629                                   | -5.828 |
|                         |                     |               |                        |                        |                    |                   |        | 54          | 1.67                                | 1.02  | 1.57                                  | 1.62  | -5.590                        | -6.687 | -5.690                                   | -6.087 |
|                         |                     |               | -0.10                  | 0.60                   | 6875<br>(Straddle) | 185               | SU     | --          | 5.28                                | 4.38  | <b>5.18</b>                           | 4.98  | -5.301                        | -6.344 | -5.401                                   | -5.744 |
|                         |                     |               |                        |                        |                    |                   | 106    | 53          | 2.01                                | 1.32  | 1.91                                  | 1.92  | -5.519                        | -6.235 | -5.619                                   | -5.635 |
|                         |                     |               |                        |                        |                    |                   |        | 54          | 1.99                                | 1.33  | 1.89                                  | 1.93  | -5.774                        | -6.224 | -5.874                                   | -5.624 |
|                         |                     |               |                        |                        |                    |                   | SU     | --          | 8.09                                | 7.34  | 7.99                                  | 7.94  | -5.448                        | -6.327 | -5.548                                   | -5.727 |
| 40MHz                   | 0                   | 0             | -0.10                  | 0.60                   | 6565               | 123               | 106    | 53          | 1.72                                | 0.98  | 1.62                                  | 1.58  | -5.707                        | -6.409 | -5.807                                   | -5.809 |
|                         |                     |               |                        |                        |                    |                   |        | 54          | 1.69                                | 0.99  | 1.59                                  | 1.59  | -5.718                        | -6.574 | -5.818                                   | -5.974 |
|                         |                     |               |                        |                        |                    |                   |        | 56          | 1.74                                | 1.01  | 1.64                                  | 1.61  | -5.215                        | -6.873 | -5.315                                   | -6.273 |
|                         |                     |               |                        |                        |                    |                   | SU     | --          | 8.08                                | 7.33  | 7.98                                  | 7.93  | -5.163                        | -5.929 | -5.263                                   | -5.329 |
|                         |                     |               |                        |                        | 6685               | 147               | 106    | 53          | 1.71                                | 0.97  | 1.61                                  | 1.57  | -5.554                        | -6.536 | -5.654                                   | -5.936 |
|                         |                     |               |                        |                        |                    |                   |        | 54          | 1.69                                | 1.02  | 1.59                                  | 1.62  | -5.537                        | -6.334 | -5.637                                   | -5.734 |
|                         |                     |               |                        |                        |                    |                   |        | 56          | 1.71                                | 1.00  | 1.61                                  | 1.60  | -5.571                        | -6.445 | -5.671                                   | -5.845 |
|                         |                     |               |                        |                        |                    |                   | SU     | --          | 8.14                                | 7.29  | <b>8.04</b>                           | 7.89  | -5.540                        | -6.514 | -5.640                                   | -5.914 |
|                         |                     |               |                        |                        | 6845               | 179               | 106    | 53          | 1.72                                | 1.01  | 1.62                                  | 1.61  | -6.187                        | -6.813 | -6.287                                   | -6.213 |
|                         |                     |               |                        |                        |                    |                   |        | 54          | 1.73                                | 1.01  | 1.63                                  | 1.61  | -5.736                        | -6.924 | -5.836                                   | -6.324 |
|                         |                     |               |                        |                        |                    |                   |        | 56          | 1.68                                | 1.02  | 1.58                                  | 1.62  | -6.219                        | -6.971 | -6.319                                   | -6.371 |
|                         |                     |               |                        |                        |                    |                   | SU     | --          | 11.46                               | 10.61 | <b>11.36</b>                          | 11.21 | -6.042                        | -6.852 | -6.142                                   | -6.252 |
|                         |                     |               |                        |                        | 6545<br>(Straddle) | 119               | 106+26 | 82          | 2.81                                | 1.82  | 2.71                                  | 2.42  | -6.280                        | -7.412 | -6.380                                   | -6.812 |
|                         |                     |               |                        |                        |                    |                   |        | 85          | 2.83                                | 1.84  | 2.73                                  | 2.44  | -6.104                        | -7.150 | -6.204                                   | -6.550 |
|                         |                     |               |                        |                        |                    |                   |        | 89          | 2.87                                | 1.86  | 2.77                                  | 2.46  | -5.990                        | -7.337 | -6.090                                   | -6.737 |
|                         |                     |               |                        |                        |                    |                   | SU     | --          | 11.21                               | 10.31 | 11.11                                 | 10.91 | -6.250                        | -7.026 | -6.350                                   | -6.426 |
| 80MHz                   | 0                   | 0             | -0.10                  | 0.60                   | 6705               | 151               | 106+26 | 82          | 2.87                                | 1.82  | 2.77                                  | 2.42  | -6.426                        | -7.174 | -6.526                                   | -6.574 |
|                         |                     |               |                        |                        |                    |                   |        | 85          | 2.89                                | 1.82  | 2.79                                  | 2.42  | -6.426                        | -7.216 | -6.526                                   | -6.616 |
|                         |                     |               |                        |                        |                    |                   |        | 89          | 2.83                                | 1.87  | 2.73                                  | 2.47  | -6.414                        | -7.500 | -6.514                                   | -6.900 |
|                         |                     |               |                        |                        |                    |                   | SU     | --          | 11.24                               | 10.51 | 11.14                                 | 11.11 | -6.172                        | -6.874 | -6.272                                   | -6.274 |
|                         |                     |               | -0.10                  | 0.60                   | 6865<br>(Straddle) | 183               | 106+26 | 82          | 2.82                                | 1.91  | 2.72                                  | 2.51  | -6.440                        | -7.358 | -6.540                                   | -6.758 |
|                         |                     |               |                        |                        |                    |                   |        | 85          | 2.82                                | 1.92  | 2.72                                  | 2.52  | -6.356                        | -7.086 | -6.456                                   | -6.486 |
|                         |                     |               |                        |                        |                    |                   |        | 89          | 2.84                                | 1.93  | 2.74                                  | 2.53  | -6.184                        | -7.123 | -6.284                                   | -6.523 |
|                         |                     |               |                        |                        |                    |                   | SU     | --          | 13.05                               | 12.19 | <b>12.95</b>                          | 12.79 | -6.722                        | -7.717 | -6.822                                   | -7.117 |
|                         |                     |               |                        |                        |                    |                   | 996    | 67          | 11.19                               | 10.32 | 11.09                                 | 10.92 | -5.737                        | -6.604 | -5.837                                   | -6.004 |
|                         |                     |               |                        |                        |                    |                   |        | S67         | 11.21                               | 10.33 | 11.11                                 | 10.93 | -5.846                        | -6.627 | -5.946                                   | -6.027 |
| 160MHz                  | 0                   | 0             | -0.10                  | 0.60                   | 6665               | 143               | SU     | --          | 13.01                               | 12.17 | 12.91                                 | 12.77 | -6.106                        | -7.121 | -6.206                                   | -6.521 |
|                         |                     |               |                        |                        |                    |                   | 996    | 67          | 11.22                               | 10.33 | 11.12                                 | 10.93 | -5.712                        | -6.625 | -5.812                                   | -6.025 |
|                         |                     |               | -0.10                  | 0.60                   | 6825<br>(Straddle) | 175               | SU     | --          | 13.01                               | 12.17 | 12.91                                 | 12.77 | -6.106                        | -7.121 | -6.206                                   | -6.521 |
|                         |                     |               |                        |                        |                    |                   | 996    | S67         | 11.25                               | 10.31 | 11.15                                 | 10.91 | -5.792                        | -6.765 | -5.892                                   | -6.165 |

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm)+ Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)

**9.7.8. 802.11be MIMO CDD MODE IN THE UNII-7 BAND – VERY LOW POWER**

| VLP CDD<br>UNII-7<br>(MIMO) | Duty Factor<br>(dB) |                | Un-<br>Correlated<br>Antenna<br>Gain<br>(dBi) | Correlated<br>Antenna<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone    | RU<br>Index | Conducted<br>Power (Gated) |         | EIRP MIMO<br>Power<br>(Limit = 14dBm<br>EIRP) | Conducted PSD<br>(dBm/MHz) |         | EIRP MIMO<br>PSD<br>(Limit = -5<br>dBm/MHz EIRP) |
|-----------------------------|---------------------|----------------|-----------------------------------------------|----------------------------------------|--------------------|-------------------|---------|-------------|----------------------------|---------|-----------------------------------------------|----------------------------|---------|--------------------------------------------------|
|                             | SU                  | Partial<br>Rus |                                               |                                        |                    |                   |         |             | ANT 6                      | ANT 5   |                                               | ANT 6                      | ANT 5   |                                                  |
| 20MHz                       | 0                   | 0              | 0.26                                          | 3.27                                   | 6535               | 117               | SU      | --          | -1.42                      | -1.37   | 1.88                                          | -11.935                    | -12.301 | -5.834                                           |
|                             |                     |                |                                               |                                        |                    |                   | 106+26  | 82          | -3.85                      | -3.78   | -0.54                                         | -12.349                    | -12.004 | -5.893                                           |
|                             |                     |                |                                               |                                        |                    |                   |         | 83          | -3.83                      | -3.82   | -0.55                                         | -12.015                    | -12.153 | -5.803                                           |
|                             |                     |                |                                               |                                        | 6715               | 153               | SU      | --          | -1.46                      | -1.41   | 1.84                                          | -11.987                    | -12.116 | -5.771                                           |
|                             |                     |                |                                               |                                        |                    |                   | 106+26  | 82          | -3.79                      | -3.82   | -0.53                                         | -12.080                    | -11.771 | -5.642                                           |
|                             |                     |                |                                               |                                        |                    |                   |         | 83          | -3.78                      | -3.83   | -0.53                                         | -11.707                    | -12.003 | -5.572                                           |
|                             |                     |                | 0.26                                          | 3.27                                   | 6875<br>(Straddle) | 185               | SU      | --          | -1.21                      | -1.18   | 2.08                                          | -11.941                    | -12.034 | -5.707                                           |
|                             |                     |                |                                               |                                        |                    |                   | 106+26  | 82          | -3.72                      | -3.69   | -0.43                                         | -12.202                    | -12.223 | -5.932                                           |
|                             |                     |                |                                               |                                        |                    |                   |         | 83          | -3.74                      | -3.68   | -0.44                                         | -11.620                    | -12.231 | -5.634                                           |
| 40MHz                       | 0                   | 0              | 0.26                                          | 3.27                                   | 6565               | 123               | SU      | --          | 1.69                       | 1.73    | 4.98                                          | -11.497                    | -11.773 | -5.353                                           |
|                             |                     |                |                                               |                                        |                    |                   | 106     | 53          | -4.69                      | -4.71   | -1.43                                         | -11.906                    | -11.773 | -5.559                                           |
|                             |                     |                |                                               |                                        |                    |                   |         | 54          | -4.71                      | -4.65   | -1.41                                         | -11.587                    | -11.932 | -5.476                                           |
|                             |                     |                |                                               |                                        | 56                 | -4.70             |         | -4.68       | -1.42                      | -11.843 | -11.966                                       | -5.624                     |         |                                                  |
|                             |                     |                |                                               |                                        | 6685               | 147               | SU      | --          | 1.71                       | 1.74    | 5.00                                          | -11.624                    | -11.733 | -5.398                                           |
|                             |                     |                |                                               |                                        |                    |                   | 106     | 53          | -4.71                      | -4.69   | -1.43                                         | -11.986                    | -11.936 | -5.681                                           |
|                             |                     |                |                                               |                                        |                    |                   |         | 54          | -4.69                      | -4.70   | -1.42                                         | -11.661                    | -11.782 | -5.441                                           |
|                             |                     |                |                                               |                                        | 56                 | -4.71             |         | -4.68       | -1.42                      | -12.067 | -11.868                                       | -5.686                     |         |                                                  |
|                             |                     |                |                                               |                                        | 6845               | 179               | SU      | --          | 1.75                       | 1.69    | 4.99                                          | -11.859                    | -11.740 | -5.519                                           |
|                             |                     |                |                                               |                                        |                    |                   | 106     | 53          | -4.68                      | -4.71   | -1.42                                         | -11.709                    | -11.796 | -5.472                                           |
|                             |                     |                |                                               |                                        |                    |                   |         | 54          | -4.68                      | -4.69   | -1.41                                         | -11.685                    | -11.816 | -5.470                                           |
|                             |                     |                |                                               |                                        | 56                 | -4.69             |         | -4.73       | -1.44                      | -11.884 | -11.944                                       | -5.634                     |         |                                                  |
| 80MHz                       | 0                   | 0              | 0.26                                          | 3.27                                   | 6545<br>(Straddle) | 119               | SU      | --          | 4.97                       | 4.99    | 8.25                                          | -11.415                    | -11.642 | -5.247                                           |
|                             |                     |                |                                               |                                        |                    |                   | 484+242 | 90          | 3.42                       | 3.43    | 6.70                                          | -11.589                    | -11.867 | -5.445                                           |
|                             |                     |                |                                               |                                        |                    |                   |         | 92          | 3.39                       | 3.44    | 6.69                                          | -11.582                    | -11.767 | -5.393                                           |
|                             |                     |                | 93                                            | 3.45                                   | 3.45               | 6.72              |         | -11.671     | -12.197                    | -5.646  |                                               |                            |         |                                                  |
|                             |                     |                | 0.26                                          | 3.27                                   | 6705               | 151               | SU      | --          | 4.76                       | 4.67    | 7.99                                          | -11.467                    | -11.582 | -5.244                                           |
|                             |                     |                |                                               |                                        |                    |                   | 484+242 | 90          | 3.31                       | 3.31    | 6.58                                          | -11.632                    | -11.442 | -5.256                                           |
|                             |                     |                |                                               |                                        |                    |                   |         | 92          | 3.29                       | 3.29    | 6.56                                          | -11.795                    | -11.600 | -5.416                                           |
|                             |                     |                | 93                                            | 3.33                                   | 3.33               | 6.60              |         | -11.826     | -11.970                    | -5.617  |                                               |                            |         |                                                  |
|                             |                     |                | 0.26                                          | 3.27                                   | 6865<br>(Straddle) | 183               | SU      | --          | 4.78                       | 4.82    | 8.07                                          | -12.041                    | -12.228 | -5.853                                           |
| 484+242                     | 90                  | 3.51           |                                               |                                        |                    |                   | 3.54    | 6.80        | -11.861                    | -11.932 | -5.616                                        |                            |         |                                                  |
|                             | 92                  | 3.48           |                                               |                                        |                    |                   | 3.50    | 6.76        | -11.888                    | -11.719 | -5.522                                        |                            |         |                                                  |
|                             | 93                  | 3.50           | 3.55                                          | 6.80                                   | -11.925            | -12.190           | -5.775  |             |                            |         |                                               |                            |         |                                                  |
| 160MHz                      | 0                   | 0              | 0.26                                          | 3.27                                   | 6665               | 143               | SU      | --          | 7.40                       | 7.35    | 10.65                                         | -12.522                    | -12.838 | -6.397                                           |
|                             |                     |                |                                               |                                        |                    |                   | 996+484 | 94          | 6.05                       | 6.16    | 9.38                                          | -12.531                    | -12.549 | -6.260                                           |
|                             |                     |                |                                               |                                        |                    |                   |         | 95          | 6.17                       | 6.13    | 9.42                                          | -12.470                    | -12.703 | -6.305                                           |
|                             |                     |                | S95                                           | 6.15                                   | 6.10               | 9.40              |         | -12.660     | -12.787                    | -6.443  |                                               |                            |         |                                                  |
|                             |                     |                | 0.26                                          | 3.27                                   | 6825<br>(Straddle) | 175               | SU      | --          | 7.71                       | 7.72    | 10.99                                         | -12.319                    | -12.524 | -6.140                                           |
|                             |                     |                |                                               |                                        |                    |                   | 996+484 | 94          | 6.17                       | 6.10    | 9.41                                          | -12.587                    | -12.783 | -6.404                                           |
|                             |                     |                |                                               |                                        |                    |                   |         | 95          | 6.10                       | 6.12    | 9.38                                          | -12.244                    | -12.860 | -6.261                                           |
|                             |                     |                | S95                                           | 6.15                                   | 6.11               | 9.40              |         | -12.660     | -12.446                    | -6.271  |                                               |                            |         |                                                  |

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (ANT 6 + ANT 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)

**9.7.9. 802.11be MIMO SDM MODE IN THE UNII-7 BAND – VERY LOW POWER**

| VLP SDM<br>UNII-7<br>(MIMO) | Duty Factor<br>(dB) |                | Un-<br>Correlated<br>Antenna<br>Gain<br>(dBi) | Correlated<br>Antenna<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone   | RU<br>Index | Conducted<br>Power (Gated) |       | EIRP MIMO<br>Power<br>(Limit = 14dBm<br>EIRP) | Conducted PSD<br>(dBm/MHz) |         | EIRP MIMO<br>PSD<br>(Limit = -5<br>dBm/MHz EIRP) |
|-----------------------------|---------------------|----------------|-----------------------------------------------|----------------------------------------|--------------------|-------------------|--------|-------------|----------------------------|-------|-----------------------------------------------|----------------------------|---------|--------------------------------------------------|
|                             | SU                  | Partial<br>Rus |                                               |                                        |                    |                   |        |             | ANT 6                      | ANT 5 |                                               | ANT 6                      | ANT 5   |                                                  |
| 20MHz                       | 0                   | 0              | 0.26                                          | 3.27                                   | 6535               | 117               | SU     | --          | 1.59                       | 1.62  | 4.88                                          | -9.987                     | -10.037 | -6.742                                           |
|                             |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | -0.79                      | -0.84 | 2.46                                          | -9.995                     | -9.991  | -6.518                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 83          | -0.77                      | -0.80 | 2.49                                          | -9.661                     | -9.919  | -6.518                                           |
|                             |                     |                |                                               |                                        | 6715               | 153               | SU     | --          | 1.60                       | 1.56  | 4.85                                          | -10.326                    | -9.981  | -6.880                                           |
|                             |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | -0.75                      | -0.85 | 2.47                                          | -9.782                     | -9.916  | -6.578                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 83          | -0.75                      | -0.80 | 2.50                                          | -9.588                     | -9.779  | -6.412                                           |
|                             |                     |                | 0.26                                          | 3.27                                   | 6875<br>(Straddle) | 185               | SU     | --          | 1.75                       | 1.75  | 5.02                                          | -9.681                     | -9.731  | -6.436                                           |
|                             |                     |                |                                               |                                        |                    |                   | 106+26 | 82          | -0.65                      | -0.68 | 2.61                                          | -9.652                     | -9.527  | -6.319                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 83          | -0.67                      | -0.71 | 2.58                                          | -9.575                     | -9.698  | -6.366                                           |
|                             |                     |                |                                               |                                        |                    |                   |        |             |                            |       |                                               |                            |         |                                                  |
| 40MHz                       | 0                   | 0              | 0.26                                          | 3.27                                   | 6565               | 123               | SU     | --          | 4.68                       | 4.65  | 7.94                                          | -9.803                     | -9.645  | -6.453                                           |
|                             |                     |                |                                               |                                        |                    |                   | 106    | 53          | -1.63                      | -1.71 | 1.60                                          | -9.948                     | -9.938  | -6.673                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 54          | -1.65                      | -1.73 | 1.58                                          | -9.532                     | -9.935  | -6.459                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 56          | -1.72                      | -1.70 | 1.56                                          | -10.039                    | -9.455  | -6.467                                           |
|                             |                     |                |                                               |                                        |                    |                   |        |             |                            |       |                                               |                            |         |                                                  |
|                             |                     |                |                                               |                                        | 6685               | 147               | SU     | --          | 4.75                       | 4.70  | 8.00                                          | -9.748                     | -9.838  | -6.522                                           |
|                             |                     |                |                                               |                                        |                    |                   | 106    | 53          | -1.68                      | -1.72 | 1.57                                          | -9.891                     | -9.455  | -6.397                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 54          | -1.75                      | -1.67 | 1.56                                          | -9.533                     | -9.818  | -6.403                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 56          | -1.71                      | -1.73 | 1.55                                          | -9.592                     | -9.829  | -6.439                                           |
|                             |                     |                |                                               |                                        | 6845               | 179               | SU     | --          | 4.69                       | 4.65  | 7.94                                          | -9.628                     | -9.881  | -6.482                                           |
|                             |                     |                |                                               |                                        |                    |                   | 106    | 53          | -1.73                      | -1.72 | 1.55                                          | -9.868                     | -9.783  | -6.555                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 54          | -1.65                      | -1.72 | 1.59                                          | -9.522                     | -9.974  | -6.472                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 56          | -1.65                      | -1.63 | 1.63                                          | -9.882                     | -9.661  | -6.500                                           |
|                             |                     |                |                                               |                                        |                    |                   |        |             |                            |       |                                               |                            |         |                                                  |
| 80MHz                       | 0                   | 0              | 0.26                                          | 3.27                                   | 6545<br>(Straddle) | 119               | SU     | --          | 8.00                       | 8.00  | 11.27                                         | -9.274                     | -9.308  | -6.021                                           |
|                             |                     |                |                                               |                                        |                    |                   | 484+24 | 90          | 6.45                       | 6.40  | 9.70                                          | -9.667                     | -9.347  | -6.234                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 92          | 6.40                       | 6.38  | 9.66                                          | -9.587                     | -9.829  | -6.436                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 93          | 6.43                       | 6.37  | 9.67                                          | -9.890                     | -10.040 | -6.694                                           |
|                             |                     |                | 0.26                                          | 3.27                                   | 6705               | 151               | SU     | --          | 7.70                       | 7.66  | 10.95                                         | -9.762                     | -9.739  | -6.480                                           |
|                             |                     |                |                                               |                                        |                    |                   | 484+24 | 90          | 6.30                       | 6.35  | 9.60                                          | -9.807                     | -9.994  | -6.629                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 92          | 6.25                       | 6.27  | 9.53                                          | -9.661                     | -9.559  | -6.339                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 93          | 6.30                       | 6.30  | 9.57                                          | -9.911                     | -9.906  | -6.638                                           |
|                             |                     |                | 0.26                                          | 3.27                                   | 6865<br>(Straddle) | 183               | SU     | --          | 7.84                       | 7.82  | 11.10                                         | -9.178                     | -9.644  | -6.134                                           |
|                             |                     |                |                                               |                                        |                    |                   | 484+24 | 90          | 6.50                       | 6.55  | 9.80                                          | -9.378                     | -9.604  | -6.219                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 92          | 6.51                       | 6.55  | 9.80                                          | -9.573                     | -9.547  | -6.290                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 93          | 6.57                       | 6.55  | 9.83                                          | -9.509                     | -9.612  | -6.290                                           |
| 160MHz                      | 0                   | 0              | 0.26                                          | 3.27                                   | 6665               | 143               | SU     | --          | 9.65                       | 9.61  | 12.90                                         | -10.410                    | -10.410 | -7.140                                           |
|                             |                     |                |                                               |                                        |                    |                   | 996+48 | 94          | 9.10                       | 9.10  | 12.37                                         | -9.625                     | -9.376  | -6.228                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 95          | 9.17                       | 9.10  | 12.41                                         | -9.469                     | -9.300  | -6.113                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | S95         | 9.10                       | 9.15  | 12.40                                         | -9.748                     | -9.805  | -6.506                                           |
|                             |                     |                |                                               |                                        |                    |                   |        |             |                            |       |                                               |                            |         |                                                  |
|                             |                     |                | 0.26                                          | 3.27                                   | 6825<br>(Straddle) | 175               | SU     | --          | 9.57                       | 9.65  | 12.88                                         | -10.779                    | -10.715 | -7.477                                           |
|                             |                     |                |                                               |                                        |                    |                   | 996+48 | 94          | 9.10                       | 9.16  | 12.40                                         | -9.409                     | -9.674  | -6.269                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | 95          | 9.13                       | 9.14  | 12.41                                         | -9.706                     | -9.811  | -6.748                                           |
|                             |                     |                |                                               |                                        |                    |                   |        | S95         | 9.11                       | 9.07  | 12.36                                         | -10.071                    | -10.085 | -6.808                                           |
|                             |                     |                |                                               |                                        |                    |                   |        |             |                            |       |                                               |                            |         |                                                  |

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (ANT 6 + ANT 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Un-Correlated Antenna Gain (dBi)

**9.7.10. 802.11a SISO MODE IN THE UNII-8 BAND – VERY LOW POWER**

| UNII-5 (SISO) | Duty Factor (dB) | ANT 6 Gain (dBi) | ANT 5 Gain (dBi) | Frequency (MHz) | Channel Number | Mode | Conducted Power (Gated) (dBm) |       | EIRP Power (Limit = 14dBm EIRP) |       | Conducted PSD (dBm/MHz) |         | EIRP PSD (Limit = -5 dBm/MHz EIRP) |         |
|---------------|------------------|------------------|------------------|-----------------|----------------|------|-------------------------------|-------|---------------------------------|-------|-------------------------|---------|------------------------------------|---------|
|               |                  |                  |                  |                 |                |      | ANT 6                         | ANT 5 | ANT 6                           | ANT 5 | ANT 6                   | ANT 5   | ANT 6                              | ANT 5   |
| 20MHz         | 0                | -0.7             | -2.6             | 6895            | 189            | 11a  | 6.05                          | 7.78  | 5.35                            | 5.18  | -5.484                  | -3.676  | -6.184                             | -6.276  |
|               |                  |                  |                  | 6995            | 209            | 11a  | 6.07                          | 7.73  | 5.37                            | 5.13  | -5.243                  | -3.689  | -5.943                             | -6.289  |
|               |                  |                  |                  | 7115            | 233            | 11a  | -5.56                         | -5.55 | -6.26                           | -8.15 | -17.317                 | -17.347 | -18.017                            | -19.947 |

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm)+ Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)

**9.7.11. 802.11be SISO MODE IN THE UNII-8 BAND – VERY LOW POWER**

| VLP<br>UNII-8<br>(SISO) | Duty Factor<br>(dB) |               | ANT 6<br>Gain<br>(dBi) | ANT 5<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone   | RU<br>Index | Conducted<br>Power (Gated)<br>(dBm) |       | EIRP<br>Power<br>(Limit = 14dBm EIRP) |        | Conducted<br>PSD<br>(dBm/MHz) |        | EIRP<br>PSD<br>(Limit = -5 dBm/MHz EIRP) |        |        |        |
|-------------------------|---------------------|---------------|------------------------|------------------------|--------------------|-------------------|--------|-------------|-------------------------------------|-------|---------------------------------------|--------|-------------------------------|--------|------------------------------------------|--------|--------|--------|
|                         | SU                  | Partial<br>RU |                        |                        |                    |                   |        |             | ANT 6                               | ANT 5 | ANT 6                                 | ANT 5  | ANT 6                         | ANT 5  | ANT 6                                    | ANT 5  |        |        |
| 20MHz                   | 0                   | 0             | -0.70                  | -2.60                  | 6895               | 189               | SU     | --          | 6.09                                | 7.69  | 5.39                                  | 5.09   | -6.184                        | -4.474 | -6.884                                   | -7.074 |        |        |
|                         |                     |               |                        |                        |                    |                   | 106+26 | 82          | 3.43                                | 4.92  | 2.73                                  | 2.32   | -6.181                        | -4.710 | -6.881                                   | -7.310 |        |        |
|                         |                     |               |                        |                        |                    |                   |        | 83          | 3.41                                | 4.92  | 2.71                                  | 2.32   | -5.901                        | -4.485 | -6.601                                   | -7.085 |        |        |
|                         |                     |               |                        |                        | 6995               | 209               | SU     | --          | 6.07                                | 7.66  | 5.37                                  | 5.06   | -6.013                        | -4.300 | -6.713                                   | -6.900 |        |        |
|                         |                     |               |                        |                        |                    |                   | 106+26 | 82          | 3.45                                | 4.93  | 2.75                                  | 2.33   | -6.193                        | -4.607 | -6.893                                   | -7.207 |        |        |
|                         |                     |               |                        |                        |                    |                   |        | 83          | 3.43                                | 4.95  | 2.73                                  | 2.35   | -6.278                        | -4.531 | -6.978                                   | -7.131 |        |        |
|                         |                     |               |                        |                        | 7095               | 229               | SU     | --          | 6.20                                | 7.82  | 5.50                                  | 5.22   | -5.504                        | -4.031 | -6.204                                   | -6.631 |        |        |
|                         |                     |               |                        |                        |                    |                   | 106+26 | 82          | 3.64                                | 5.51  | 2.94                                  | 2.91   | -5.608                        | -4.303 | -6.308                                   | -6.903 |        |        |
|                         |                     |               |                        |                        |                    |                   |        | 83          | 3.67                                | 5.52  | 2.97                                  | 2.92   | -5.701                        | -3.952 | -6.401                                   | -6.552 |        |        |
| 40MHz                   | 0                   | 0             | -0.10                  | 0.60                   | 6885<br>(Straddle) | 187               | SU     | --          | 8.36                                | 7.55  | 8.26                                  | 8.15   | -7.231                        | -8.410 | -7.331                                   | -7.810 |        |        |
|                         |                     |               |                        |                        |                    |                   | 106    | 53          | 2.07                                | 1.26  | 1.97                                  | 1.86   | -7.057                        | -7.470 | -7.157                                   | -6.870 |        |        |
|                         |                     |               |                        |                        |                    |                   |        | 54          | 1.97                                | 1.25  | 1.87                                  | 1.85   | -6.853                        | -7.833 | -6.953                                   | -7.233 |        |        |
|                         |                     |               |                        |                        |                    |                   |        | 56          | 2.02                                | 1.25  | 1.92                                  | 1.85   | -6.995                        | -7.885 | -7.095                                   | -7.285 |        |        |
|                         |                     |               |                        |                        |                    |                   | 6965   | 203         | SU                                  | --    | 8.69                                  | 10.78  | 7.99                          | 8.18   | -6.630                                   | -4.461 | -7.330 | -7.061 |
|                         |                     |               |                        |                        |                    |                   |        |             | 106                                 | 53    | 2.55                                  | 4.26   | 1.85                          | 1.66   | -6.628                                   | -4.919 | -7.328 | -7.519 |
|                         |                     |               | 54                     | 2.57                   | 4.25               | 1.87              |        |             |                                     | 1.65  | -6.386                                | -4.697 | -7.086                        | -7.297 |                                          |        |        |        |
|                         |                     |               | 56                     | 2.55                   | 4.27               | 1.85              |        |             |                                     | 1.67  | -6.351                                | -4.662 | -7.051                        | -7.262 |                                          |        |        |        |
|                         |                     |               | 7085                   | 227                    | SU                 | --                |        |             | 9.02                                | 10.91 | 8.32                                  | 8.31   | -6.128                        | -4.105 | -6.828                                   | -6.705 |        |        |
|                         |                     |               |                        |                        | 106                | 53                |        |             | 2.61                                | 4.57  | 1.91                                  | 1.97   | -6.213                        | -4.485 | -6.913                                   | -7.085 |        |        |
|                         |                     |               |                        |                        |                    | 54                | 2.63   | 4.51        | 1.93                                | 1.91  | -6.421                                | -4.148 | -7.121                        | -6.748 |                                          |        |        |        |
|                         |                     |               |                        |                        |                    | 56                | 2.64   | 4.53        | 1.94                                | 1.93  | -6.611                                | -4.674 | -7.311                        | -7.274 |                                          |        |        |        |
| 80MHz                   | 0                   | 0             |                        |                        | -0.70              | -2.60             | 6945   | 199         | SU                                  | --    | 12.10                                 | 13.86  | 11.40                         | 11.26  | -5.957                                   | -3.720 | -6.657 | -6.320 |
|                         |                     |               |                        |                        |                    |                   |        |             | 484                                 | 65    | 8.72                                  | 10.84  | 8.02                          | 8.24   | -6.267                                   | -4.063 | -6.967 | -6.663 |
|                         |                     |               | 66                     | 8.69                   |                    |                   |        |             |                                     | 10.86 | 7.99                                  | 8.26   | -5.790                        | -3.761 | -6.490                                   | -6.361 |        |        |
|                         |                     |               | -0.70                  | -2.60                  | 7025               | 215               | SU     | --          | 12.05                               | 13.76 | 11.35                                 | 11.16  | -5.250                        | -4.067 | -5.950                                   | -6.667 |        |        |
|                         |                     |               |                        |                        |                    |                   | 484    | 65          | 8.75                                | 10.86 | 8.05                                  | 8.26   | -5.796                        | -3.747 | -6.496                                   | -6.347 |        |        |
|                         |                     |               |                        |                        |                    |                   |        | 66          | 8.71                                | 10.83 | 8.01                                  | 8.23   | -6.176                        | -3.547 | -6.876                                   | -6.147 |        |        |
| 160MHz                  | 0                   | 0             | -0.70                  | -2.60                  | 6985               | 207               | SU     | --          | 13.63                               | 15.56 | 12.93                                 | 12.96  | -6.799                        | -4.292 | -7.499                                   | -6.892 |        |        |
|                         |                     |               |                        |                        |                    |                   | 996    | 67          | 12.07                               | 13.87 | 11.37                                 | 11.27  | -5.399                        | -3.372 | -6.099                                   | -5.972 |        |        |
|                         |                     |               |                        |                        |                    |                   |        | S67         | 12.07                               | 13.79 | 11.37                                 | 11.19  | -5.247                        | -3.638 | -5.947                                   | -6.238 |        |        |

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm)+ Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)

**9.7.12. 802.11a MIMO CDD MODE IN THE UNII-8 BAND – VERY LOW POWER**

| UNII-5 (MIMO) | Duty Factor (dB) | Un-Correlated Antenna Gain (dBi) | Correlated Antenna Gain (dBi) | Frequency (MHz) | Channel Number | Mode | Conducted Power (Gated) |       | EIRP MIMO Power (Limit = 14dBm EIRP) | Conducted PSD (dBm/MHz) |         | EIRP MIMO PSD (Limit = -5 dBm/MHz EIRP) |
|---------------|------------------|----------------------------------|-------------------------------|-----------------|----------------|------|-------------------------|-------|--------------------------------------|-------------------------|---------|-----------------------------------------|
|               |                  |                                  |                               |                 |                |      | ANT 6                   | ANT 5 |                                      | ANT 6                   | ANT 5   |                                         |
| 20MHz         | 0                | -1.55                            | 1.41                          | 7115            | 233            | 11a  | -6.53                   | -6.57 | -5.09                                | -18.207                 | -18.375 | -13.870                                 |

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (ANT 6 + ANT 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)

**9.7.13. 802.11be MIMO CDD MODE IN THE UNII-8 BAND – VERY LOW POWER**

| VLP CDD<br>UNII-8<br>(MIMO) | Duty Factor<br>(dB) |                | Un-<br>Correlated<br>Antenna<br>Gain<br>(dBi) | Correlated<br>Antenna<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone    | RU<br>Index | Conducted<br>Power (Gated) |        | EIRP MIMO<br>Power<br>(Limit = 14dBm<br>EIRP) | Conducted PSD<br>(dBm/MHz) |         | EIRP MIMO<br>PSD<br>(Limit = -5<br>dBm/MHz EIRP) |        |
|-----------------------------|---------------------|----------------|-----------------------------------------------|----------------------------------------|--------------------|-------------------|---------|-------------|----------------------------|--------|-----------------------------------------------|----------------------------|---------|--------------------------------------------------|--------|
|                             | SU                  | Partial<br>Rus |                                               |                                        |                    |                   |         |             | ANT 6                      | ANT 5  |                                               | ANT 6                      | ANT 5   |                                                  |        |
| 20MHz                       | 0                   | 0              | -1.55                                         | 1.41                                   | 6895               | 189               | SU      | --          | 0.54                       | 0.51   | 1.99                                          | -11.465                    | -11.603 | -7.113                                           |        |
|                             |                     |                |                                               |                                        |                    |                   | 106+26  | 82          | -2.18                      | -2.21  | -0.73                                         | -11.703                    | -11.852 | -7.357                                           |        |
|                             |                     |                |                                               |                                        |                    |                   |         | 83          | -2.17                      | -2.12  | -0.68                                         | -11.766                    | -11.728 | -7.327                                           |        |
|                             |                     |                |                                               |                                        | 6995               | 209               | SU      | --          | 0.59                       | 0.53   | 2.02                                          | -11.245                    | -11.643 | -7.019                                           |        |
|                             |                     |                |                                               |                                        |                    |                   | 106+26  | 82          | -2.18                      | -2.25  | -0.75                                         | -11.823                    | -11.838 | -7.410                                           |        |
|                             |                     |                |                                               |                                        |                    |                   |         | 83          | -2.17                      | -2.19  | -0.72                                         | -11.451                    | -11.840 | -7.221                                           |        |
|                             |                     |                |                                               |                                        | 7095               | 229               | SU      | --          | 0.69                       | 0.79   | 2.20                                          | -11.245                    | -11.331 | -6.867                                           |        |
|                             |                     |                |                                               |                                        |                    |                   | 106+26  | 82          | -1.60                      | -1.63  | -0.15                                         | -11.065                    | -10.656 | -6.435                                           |        |
|                             |                     |                |                                               |                                        |                    |                   |         | 83          | -1.55                      | -1.64  | -0.13                                         | -10.777                    | -11.091 | -6.511                                           |        |
| 40MHz                       | 0                   | 0              | 0.26                                          | 3.27                                   | 6885<br>(Straddle) | 187               | SU      | --          | 1.95                       | 1.96   | 5.23                                          | -12.440                    | -12.787 | -6.330                                           |        |
|                             |                     |                |                                               |                                        |                    |                   | 242     | 61          | -1.12                      | -1.19  | 2.12                                          | -13.540                    | -13.729 | -7.353                                           |        |
|                             |                     |                |                                               |                                        |                    |                   |         | 62          | -1.16                      | -1.14  | 2.12                                          | -13.105                    | -13.380 | -6.960                                           |        |
|                             |                     |                | -1.55                                         | 1.41                                   | 6965               | 203               | SU      | --          | 3.51                       | 3.55   | 4.99                                          | -11.460                    | -11.442 | -7.031                                           |        |
|                             |                     |                |                                               |                                        |                    |                   | 242     | 61          | 0.45                       | 0.55   | 1.96                                          | -12.160                    | -11.735 | -7.522                                           |        |
|                             |                     |                |                                               |                                        |                    |                   |         | 62          | 0.57                       | 0.46   | 1.98                                          | -11.791                    | -11.885 | -7.417                                           |        |
|                             |                     |                |                                               |                                        | 7085               | 227               | SU      | --          | 3.78                       | 3.84   | 5.27                                          | -11.475                    | -11.240 | -6.936                                           |        |
|                             |                     |                |                                               |                                        |                    |                   | 242     | 61          | 0.52                       | 0.45   | 1.95                                          | -11.854                    | -12.072 | -7.541                                           |        |
|                             |                     |                |                                               |                                        |                    |                   |         | 62          | 0.52                       | 0.55   | 2.00                                          | -11.910                    | -11.531 | -7.296                                           |        |
| 80MHz                       | 0                   | 0              | -1.55                                         | 1.41                                   | 6945               | 199               | 484+242 | SU          | --                         | 6.77   | 6.73                                          | 8.21                       | -11.100 | -11.043                                          | -6.651 |
|                             |                     |                |                                               |                                        |                    |                   |         | 90          | 5.26                       | 5.34   | 6.76                                          | -11.327                    | -11.461 | -6.973                                           |        |
|                             |                     |                |                                               |                                        |                    |                   |         | 92          | 5.32                       | 5.30   | 6.77                                          | -11.415                    | -11.066 | -6.817                                           |        |
|                             |                     |                | 93                                            | 5.35                                   | 5.30               | 6.79              |         | -11.424     | -11.597                    | -7.089 |                                               |                            |         |                                                  |        |
|                             |                     |                | -1.55                                         | 1.41                                   | 7025               | 215               | 484+242 | SU          | --                         | 6.68   | 6.65                                          | 8.13                       | -11.296 | -11.158                                          | -6.806 |
|                             |                     |                |                                               |                                        |                    |                   |         | 90          | 5.23                       | 5.25   | 6.70                                          | -11.580                    | -11.263 | -6.998                                           |        |
|                             |                     |                |                                               |                                        |                    |                   | 92      | 5.26        | 5.23                       | 6.71   | -11.354                                       | -11.224                    | -6.868  |                                                  |        |
|                             |                     |                |                                               |                                        |                    |                   | 93      | 5.22        | 5.20                       | 6.67   | -11.480                                       | -11.478                    | -7.059  |                                                  |        |
|                             |                     |                |                                               |                                        |                    |                   | 160MHz  | 0           | 0                          | -1.55  | 1.41                                          | 6985                       | 207     | 996+484                                          | SU     |
| 94                          | 8.15                | 8.10           | 9.59                                          | -11.02                                 | -11.18             | -6.679            |         |             |                            |        |                                               |                            |         |                                                  |        |
| 95                          | 8.09                | 8.10           | 9.56                                          | -11.06                                 | -10.58             | -6.397            |         |             |                            |        |                                               |                            |         |                                                  |        |
| S95                         | 8.16                | 8.12           | 9.60                                          | -11.21                                 | -11.04             | -6.704            |         |             |                            |        |                                               |                            |         |                                                  |        |
|                             |                     |                |                                               |                                        |                    |                   |         |             |                            |        |                                               |                            |         |                                                  |        |

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (ANT 6 + ANT 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Correlated Antenna Gain (dBi)

**9.7.14. 802.11be MIMO SDM MODE IN THE UNII-8 BAND – VERY LOW POWER**

| VLP SDM<br>UNII-8<br>(MIMO) | Duty Factor<br>(dB) |                | Un-<br>Correlated<br>Antenna<br>Gain<br>(dBi) | Correlated<br>Antenna<br>Gain<br>(dBi) | Frequency<br>(MHz) | Channel<br>Number | Tone    | RU<br>Index | Conducted<br>Power (Gated) |       | EIRP MIMO<br>Power<br>(Limit = 14dBm<br>EIRP) | Conducted PSD<br>(dBm/MHz) |         | EIRP MIMO<br>PSD<br>(Limit = -5<br>dBm/MHz EIRP) |
|-----------------------------|---------------------|----------------|-----------------------------------------------|----------------------------------------|--------------------|-------------------|---------|-------------|----------------------------|-------|-----------------------------------------------|----------------------------|---------|--------------------------------------------------|
|                             | SU                  | Partial<br>Rus |                                               |                                        |                    |                   |         |             | ANT 6                      | ANT 5 |                                               | ANT 6                      | ANT 5   |                                                  |
| 20MHz                       | 0                   | 0              | -1.55                                         | 1.41                                   | 6895               | 189               | SU      | --          | 3.54                       | 3.49  | 4.98                                          | -8.405                     | -8.558  | -7.021                                           |
|                             |                     |                |                                               |                                        |                    |                   | 106+26  | 82          | 0.77                       | 0.83  | 2.26                                          | -8.994                     | -8.560  | -7.311                                           |
|                             |                     |                |                                               |                                        |                    |                   |         | 83          | 0.79                       | 0.87  | 2.29                                          | -8.584                     | -8.854  | -7.257                                           |
|                             |                     |                |                                               |                                        | 6995               | 209               | SU      | --          | 3.50                       | 3.51  | 4.97                                          | -8.406                     | -8.486  | -6.986                                           |
|                             |                     |                |                                               |                                        |                    |                   | 106+26  | 82          | 0.85                       | 0.87  | 2.32                                          | -8.767                     | -8.673  | -7.259                                           |
|                             |                     |                |                                               |                                        |                    |                   |         | 83          | 0.88                       | 0.83  | 2.32                                          | -8.439                     | -8.485  | -7.002                                           |
|                             |                     |                |                                               |                                        | 7095               | 229               | SU      | --          | 3.72                       | 3.69  | 5.17                                          | -8.255                     | -8.204  | -6.769                                           |
|                             |                     |                |                                               |                                        |                    |                   | 106+26  | 82          | 1.44                       | 1.39  | 2.88                                          | -8.237                     | -8.181  | -6.749                                           |
|                             |                     |                |                                               |                                        |                    |                   |         | 83          | 1.46                       | 1.45  | 2.92                                          | -8.109                     | -8.311  | -6.749                                           |
| 40MHz                       | 0                   | 0              | 0.26                                          | 3.27                                   | 6885<br>(Straddle) | 187               | SU      | --          | 4.94                       | 4.95  | 8.22                                          | -10.457                    | -10.385 | -7.151                                           |
|                             |                     |                |                                               |                                        |                    |                   | 242     | 61          | 1.81                       | 1.84  | 5.10                                          | -10.515                    | -10.574 | -7.274                                           |
|                             |                     |                |                                               |                                        |                    |                   |         | 62          | 1.87                       | 1.80  | 5.11                                          | -10.221                    | -10.652 | -7.161                                           |
|                             |                     |                | -1.55                                         | 1.41                                   | 6965               | 203               | SU      | --          | 6.48                       | 6.59  | 8.00                                          | -8.693                     | -8.395  | -7.081                                           |
|                             |                     |                |                                               |                                        |                    |                   | 242     | 61          | 3.55                       | 3.46  | 4.97                                          | -8.653                     | -9.046  | -7.385                                           |
|                             |                     |                |                                               |                                        |                    |                   |         | 62          | 3.48                       | 3.58  | 4.99                                          | -8.608                     | -8.873  | -7.278                                           |
|                             |                     |                |                                               |                                        | 7085               | 227               | SU      | --          | 6.82                       | 6.84  | 8.29                                          | -8.092                     | -8.492  | -6.827                                           |
|                             |                     |                |                                               |                                        |                    |                   | 242     | 61          | 3.51                       | 3.46  | 4.95                                          | -8.888                     | -8.779  | -7.373                                           |
|                             |                     |                |                                               |                                        |                    |                   |         | 62          | 3.55                       | 3.51  | 4.99                                          | -8.740                     | -8.856  | -7.337                                           |
| 80MHz                       | 0                   | 0              | -1.55                                         | 1.41                                   | 6945               | 199               | SU      | --          | 9.75                       | 9.72  | 11.20                                         | -8.100                     | -8.317  | -6.747                                           |
|                             |                     |                |                                               |                                        |                    |                   | 484+242 | 90          | 8.38                       | 8.36  | 9.83                                          | -8.001                     | -8.238  | -6.658                                           |
|                             |                     |                |                                               |                                        |                    |                   |         | 92          | 8.34                       | 8.37  | 9.82                                          | -8.005                     | -8.074  | -6.579                                           |
|                             |                     |                | -1.55                                         | 1.41                                   | 7025               | 215               | 93      | 8.32        | 8.29                       | 9.77  | -8.524                                        | -7.938                     | -6.761  |                                                  |
|                             |                     |                |                                               |                                        |                    |                   | SU      | --          | 9.68                       | 9.72  | 11.16                                         | -8.114                     | -8.130  | -6.662                                           |
|                             |                     |                |                                               |                                        |                    |                   | 484+242 | 90          | 8.21                       | 8.25  | 9.69                                          | -8.286                     | -8.336  | -6.851                                           |
|                             |                     |                |                                               |                                        |                    |                   |         | 92          | 8.24                       | 8.27  | 9.72                                          | -8.397                     | -8.149  | -6.811                                           |
|                             |                     |                |                                               |                                        |                    |                   |         | 93          | 8.23                       | 8.26  | 9.71                                          | -8.330                     | -8.259  | -6.834                                           |
|                             |                     |                |                                               |                                        |                    |                   |         |             |                            |       |                                               |                            |         |                                                  |
| 160MHz                      | 0                   | 0              | -1.55                                         | 1.41                                   | 6985               | 207               | SU      | --          | 11.41                      | 11.41 | 12.87                                         | -8.878                     | -8.870  | -7.414                                           |
|                             |                     |                |                                               |                                        |                    |                   | 996+484 | 94          | 11.10                      | 11.11 | 12.57                                         | -7.949                     | -8.021  | -6.525                                           |
|                             |                     |                |                                               |                                        |                    |                   |         | 95          | 11.13                      | 11.10 | 12.58                                         | -7.830                     | -7.775  | -6.342                                           |
|                             |                     |                |                                               |                                        |                    |                   |         | S95         | 11.16                      | 11.18 | 12.63                                         | -8.011                     | -7.834  | -6.461                                           |
|                             |                     |                |                                               |                                        |                    |                   |         |             |                            |       |                                               |                            |         |                                                  |

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (ANT 6 + ANT 5) + Un-Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Un-Correlated Antenna Gain (dBi)