

TEST REPORT

Report Number: 15496282-E12V3

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

Model : A3260 (Parent)
A3516, A3517, A3518 (Variants)

Brand : APPLE

FCC ID : BCG-E8948A (Parent)
BCG-E8954A, BCG-E8955A, BCG-E8956A (Variants)

EUT Description : SMARTPHONE

Date Of Issue:
2025-08-21

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REPORT REVISION HISTORY

Rev.	Issue Date	Revisions	Revised By
V1	2025-07-18	Initial Review	---
V2	2025-07-19	Addressed TCB Questions	Chris Xiong
V3	2025-08-21	Addressed TCB Questions	Tina Chu

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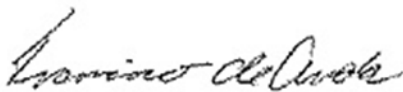
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1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE INC. 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.	
Model	A3260 (Parent) A3516, A3517, A3518 (Variants)	
Brand	APPLE	
FCC ID	BCG-E8948A (Parent) BCG-E8954A, BCG-E8955A, BCG-E8956A (Variants)	
EUT Description	SMARTPHONE	
Serial Number	LFK6GGFV2V (Radiated) C07HCB000970000YGG, C07HG50008R0000YGG (Conducted)	
Sample Receipt Date	2025-01-16	
Date Tested	2025-04-05 to 2025-07-20	
Applicable Standards	47 CFR Part 15 Subpart E	
Test Results	COMPLIES	
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. 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. 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.		
Approved & Released By:	Prepared & Reviewed By:	
		
Francisco de Anda Staff Engineer UL Verification Services, Inc.	Chris Xiong Senior Test Engineer 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) 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 CABID	ISED Company Number	FCC Registration
☒	Building 1: 47173 Benicia Street, Fremont, CA 94538, USA	US0104	2324A	550739
☒	Building 2: 47266 Benicia Street, Fremont, CA 94538, USA			
☒	Building 3: 843 Auburn Court, Fremont, CA 94538, USA			
☒	Building 4: 47658 Kato Rd, Fremont, CA 94538, USA			
☒	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 _{Lab}
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) 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, 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 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	☒	☒	☒	☒
Standard Client	6CD	☒	☐	☒	☐
Very Low-Power Client	6VL	☒	☒	☒	☒

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)
UNII-5 Band, 1TX			
5955-6415	802.11a	Covered by EHT20	
5955-6415	802.11be EHT20	9.53	8.97
5965-6405	802.11be EHT40	12.58	18.11
5985-6385	802.11be EHT80	15.45	35.08
6025-6345	802.11be EHT160	17.95	62.37
UNII-5 Band, 2TX			
5955-6415	802.11a	Covered by EHT20	
5955-6415	802.11be EHT20 CDD	6.40	4.37
5955-6415	802.11be EHT20 SDM	9.24	8.39
5965-6405	802.11be EHT40 CDD	9.39	8.69
5965-6405	802.11be EHT40 SDM	12.29	16.94
5985-6385	802.11be EHT80 CDD	12.26	16.83
5985-6385	802.11be EHT80 SDM	15.20	33.11
6025-6345	802.11be EHT160 CDD	15.14	32.66
6025-6345	802.11be EHT160 SDM	18.07	64.12

UNII-6 BAND

Frequency Range (MHz)	Mode	Output Power EIRP (dBm)	Output Power EIRP (mW)
UNII-6 Band, 1TX			
6435 - 6515	802.11a	Covered by EHT20	
6435 - 6515	802.11be EHT20	9.35	8.61
6445 - 6525	802.11be EHT40	12.27	16.87
6465	802.11be EHT80	15.15	32.73
6505	802.11be EHT160, Straddle Channel	18.03	63.53
UNII-6 Band, 2TX			
6435 - 6515	802.11a	Covered by EHT20	
6435 - 6515	802.11be EHT20 CDD	6.41	4.38
6435 - 6515	802.11be EHT20 SDM	9.32	8.55
6445 - 6525	802.11be EHT40 CDD	9.23	8.38
6445 - 6525	802.11be EHT40 SDM	12.26	16.83
6465	802.11be EHT80 CDD	12.22	16.67
6465	802.11be EHT80 SDM	15.03	31.84
6505	802.11be EHT160 CDD, Straddle Channel	15.11	32.43
6505	802.11be EHT160 SDM, Straddle Channel	18.10	64.57

UNII-7 BAND

Frequency Range (MHz)	Mode	Output Power EIRP (dBm)	Output Power EIRP (mW)
UNII-7 Band 1TX			
6535 - 6875	802.11a	Covered by EHT20	
6535 - 6875	802.11be EHT20	9.30	8.51
6565 - 6845	802.11be EHT40	12.13	16.33
6545 - 6865	802.11be EHT80	15.25	33.50
6665 - 6825	802.11be EHT160	18.05	63.83
UNII-7 Band 2TX			
6535-6875	802.11a	Covered by EHT20	
6535-6875	802.11be EHT20 CDD	6.24	4.21
6535-6875	802.11be EHT20 SDM	9.21	8.34
6565-6845	802.11be EHT40 CDD	9.16	8.24
6565-6845	802.11be EHT40 SDM	12.16	16.44
6545-6865	802.11be EHT80 CDD	12.29	16.94
6545-6865	802.11be EHT80 SDM	15.29	33.81
6665-6825	802.11be EHT160 CDD	14.91	30.97
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)
UNII-8 Band 1TX			
6895-7095	802.11a	Covered by EHT20	
7115		-4.21	0.38
6895-7095	802.11be EHT20	9.32	8.55
6885-7085	802.11be EHT40	12.35	17.18
6945-7025	802.11be EHT80	15.45	35.08
6985	802.11be EHT160	17.35	54.33
UNII-8 Band 2TX			
6895-7095	802.11a	Covered by EHT20	
7115		-3.50	0.45
6895-7095	802.11be EHT20 CDD	6.36	4.33
6895-7095	802.11be EHT20 SDM	9.37	8.65
6885-7085	802.11be EHT40 CDD	9.16	8.24
6885-7085	802.11be EHT40 SDM	12.07	16.11
6945-7025	802.11be EHT80 CDD	12.24	16.75
6945-7025	802.11be EHT80 SDM	15.17	32.89
6985	802.11be EHT160 CDD	15.05	31.99
6985	802.11be EHT160 SDM	18.03	63.53

6.2.2. SP**UNII-5 BAND**

Frequency Range (MHz)	Mode	Output Power EIRP (dBm)	Output Power EIRP (mW)
UNII-5 Band 1TX			
5955-6415	802.11be EHT20	19.68	92.90
5965-6405	802.11be EHT40	19.85	96.61
5985-6385	802.11be EHT80	19.81	95.72
6025-6345	802.11be EHT160	19.35	86.10
UNII-5 Band 2TX			
5955-6415	802.11be EHT20 CDD	21.63	145.55
5955-6415	802.11be EHT20 SDM	21.58	143.88
5965-6405	802.11be EHT40 CDD	21.63	145.55
5955-6405	802.11be EHT40 SDM	21.48	140.60
5985-6385	802.11be EHT80 CDD	21.58	143.88
5985-6385	802.11be EHT80 SDM	21.62	145.21
6025-6345	802.11be EHT160 CDD	21.13	129.72
6025-6345	802.11be EHT160 SDM	21.15	130.32

UNII-7 BAND

Frequency Range (MHz)	Mode	Output Power EIRP (dBm)	Output Power EIRP (mW)
UNII-7 Band 1TX			
6535-6855	802.11be EHT20	19.11	81.47
6565-6845	802.11be EHT40	19.08	80.91
6625-6785	802.11be EHT80	19.14	82.04
6665	802.11be EHT160	18.61	72.61
UNII-7 Band 2TX			
6535-6855	802.11be EHT20 CDD	21.76	149.97
6535-6855	802.11be EHT20 SDM	21.78	150.66
6565-6845	802.11be EHT40 CDD	21.71	148.25
6565-6845	802.11be EHT40 SDM	21.69	147.57
6625-6785	802.11be EHT80 CDD	21.72	148.59
6625-6785	802.11be EHT80 SDM	21.78	150.66
6665	802.11be EHT160 CDD	21.23	132.74
6665	802.11be EHT160 SDM	21.20	131.83

6.2.3. VLP**UNII-5 BAND**

Frequency Range (MHz)	Mode	Output Power EIRP (dBm)	Output Power EIRP (mW)
UNII-5 Band 1TX			
6115-6415	802.11a	Covered by EHT20	
6115-6415	802.11be EHT20	5.47	3.52
6125-6405	802.11be EHT40	8.63	7.29
6145-6385	802.11be EHT80	11.43	13.90
6185-6345	802.11be EHT160	12.93	19.63
UNII-5 Band 2TX			
6115-6415	802.11a	Covered by EHT20	
6115-6415	802.11be EHT20 CDD	2.49	1.77
6115-6415	802.11be EHT20 SDM	5.22	3.33
6125-6405	802.11be EHT40 CDD	5.46	3.52
6125-6405	802.11be EHT40 SDM	8.23	6.65
6145-6385	802.11be EHT80 CDD	8.29	6.75
6145-6385	802.11be EHT80 SDM	11.18	13.12
6185-6345	802.11be EHT160 CDD	11.15	13.03
6185-6345	802.11be EHT160 SDM	12.87	19.36

UNII-6 BAND

Frequency Range (MHz)	Mode	Output Power EIRP (dBm)	Output Power EIRP (mW)
UNII-6 Band 1TX			
6435 - 6515	802.11a	Covered by EHT20	
6435 - 6515	802.11be EHT20	5.35	3.43
6445 - 6525	802.11be EHT40	8.35	6.84
6465	802.11be EHT80	11.13	12.97
6505	802.11be EHT160, Straddle Channel	12.95	19.72
UNII-6 Band 2TX			
6435 - 6515	802.11a mode 20MHz	Covered by EHT20	
6435 - 6515	802.11be EHT20 CDD	2.41	1.74
6435 - 6515	802.11be EHT20 SDM	5.27	3.37
6445 - 6525	802.11be EHT40 CDD	5.24	3.34
6445 - 6525	802.11be EHT40 SDM	8.32	6.79
6465	802.11be EHT80 CDD	8.20	6.61
6465	802.11be EHT80 SDM	11.12	12.94
6505	802.11be EHT160 CDD, Straddle Channel	10.87	12.22
6505	802.11be EHT160 SDM, Straddle Channel	12.87	19.36

UNII-7 BAND

Frequency Range (MHz)	Mode	Output Power EIRP (dBm)	Output Power EIRP (mW)
UNII-7 Band 1TX			
6535-6875	802.11a	Covered by EHT20	
6535-6875	802.11be EHT20	5.27	3.37
6565-6845	802.11be EHT40	8.06	6.40
6625-6785	802.11be EHT80	11.25	13.34
6665	802.11be EHT160	12.95	19.72
UNII-7 Band 2TX			
6535-6875	802.11a	Covered by EHT20	
6535-6875	802.11be EHT20 CDD	2.24	1.67
6535-6875	802.11be EHT20 SDM	5.25	3.35
6565-6845	802.11be EHT40 CDD	5.14	3.27
6565-6845	802.11be EHT40 SDM	8.17	6.56
6625-6785	802.11be EHT80 CDD	8.29	6.75
6625-6785	802.11be EHT80 SDM	11.29	13.46
6665	802.11be EHT160 CDD	10.93	12.39
6665	802.11be EHT160 SDM	12.87	19.36

UNII-8 BAND

Frequency Range (MHz)	Mode	Output Power EIRP (dBm)	Output Power EIRP (mW)
UNII-8 Band 1TX			
6895-7095	802.11a	Covered by EHT20	
7115		-4.22	0.38
6895-7095	802.11be EHT20	5.32	3.40
6885-7085	802.11be EHT40	8.28	6.73
6945-7025	802.11be EHT80	11.37	13.71
6985	802.11be EHT160	12.88	19.41
UNII-8 Band 2TX			
6895-7095	802.11a	Covered by EHT20	
7115		-3.53	0.44
6895-7095	802.11be EHT20 CDD	2.34	1.71
6895-7115	802.11be EHT20 SDM	5.28	3.37
6885-7085	802.11be EHT40 CDD	5.25	3.35
6885-7085	802.11be EHT40 SDM	8.17	6.56
6945-7025	802.11be EHT80 CDD	8.22	6.64
6945-7025	802.11be EHT80 SDM	11.15	13.03
6985	802.11be EHT160 CDD	11.00	12.59
6985	802.11be EHT160 SDM	12.90	19.50

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 UNII-5	Sub-band 1 (5955 - 6095)	0.50	-1.30	-0.31	2.66
	Sub-band 2 (6115 - 6255)	-0.80	-0.90	-0.85	2.16
	Sub-band 3 (6275 - 6415)	0.00	-2.50	-1.07	1.85
6425 - 6525 UNII-6	N/A	0.00	-2.40	-1.04	1.89
UNII-6/7 (Straddle Channel)	N/A	0.00	0.70	0.36	3.37
6525 - 6875 UNII-7	N/A	-0.10	0.70	0.32	3.32
UNII-7/8 (Straddle Channel)	N/A	-0.10	0.70	0.32	3.32
6875 - 7125 UNII-8	N/A	-0.60	-2.40	-1.41	1.56

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 - 6105	-0.48	-2.72
6105 - 6265	-0.48	-2.72
6265 - 6425	-0.48	-2.72
6425 - 6525	-0.47	-2.58
6525 - 6875	-0.55	-2.77

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 Luck23A256.

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/ax mode 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. For VLP mode, radiated test was performed by setting the output power to the maximum as dual client for test. The fundamental of the EUT was investigated in three orthogonal orientations X,Y,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	Y-Landscape	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 lists the worst-case modes of power and PSD for final conducted test.

6.5.1. LP

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

6.5.2. SP

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

For FCC certification, SP mode will only operate in UNII-5 and UNII-7, and for worst-case testing purpose, SP mode UNII-6 band highest PSD mode set for ISED application was also used for FCC test.

6.5.3. VLP

BW (MHz)	Tone (T)	RU Index	Worst Case Tone (UNII-5 SISO)		Worst Case Tone (UNII-5 MIMO)		Worst Case Tone (UNII-6 SISO)		Worst Case Tone (UNII-6 MIMO)		Worst Case Tone (UNII-7 SISO)		Worst Case Tone (UNII-7 MIMO)		Worst Case Tone (UNII-8 SISO)		Worst Case Tone (UNII-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						X										
	52 + 26	70 ~ 81																X
	106	53 ~ 54							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					
	52 + 26	70 ~ 81																
	106	53 ~ 56									X				X		X	
	106 + 26	82 ~ 89		X														
	242	61 ~ 61				X		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					X		X					
	242	61 ~ 64							X									
	484	65 ~ 66																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						X										
	106	53 ~ S60									X				X			
	106 + 26	82 ~ 89				X												
	242	61 ~ S64		X														
	484	65 ~ S66																
	484 + 242	sb0: 90, 91, 92, 93																
	996	67 ~ S67											X					
	996 + 484	sb0: 94, 95 sb1: 94, 95							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

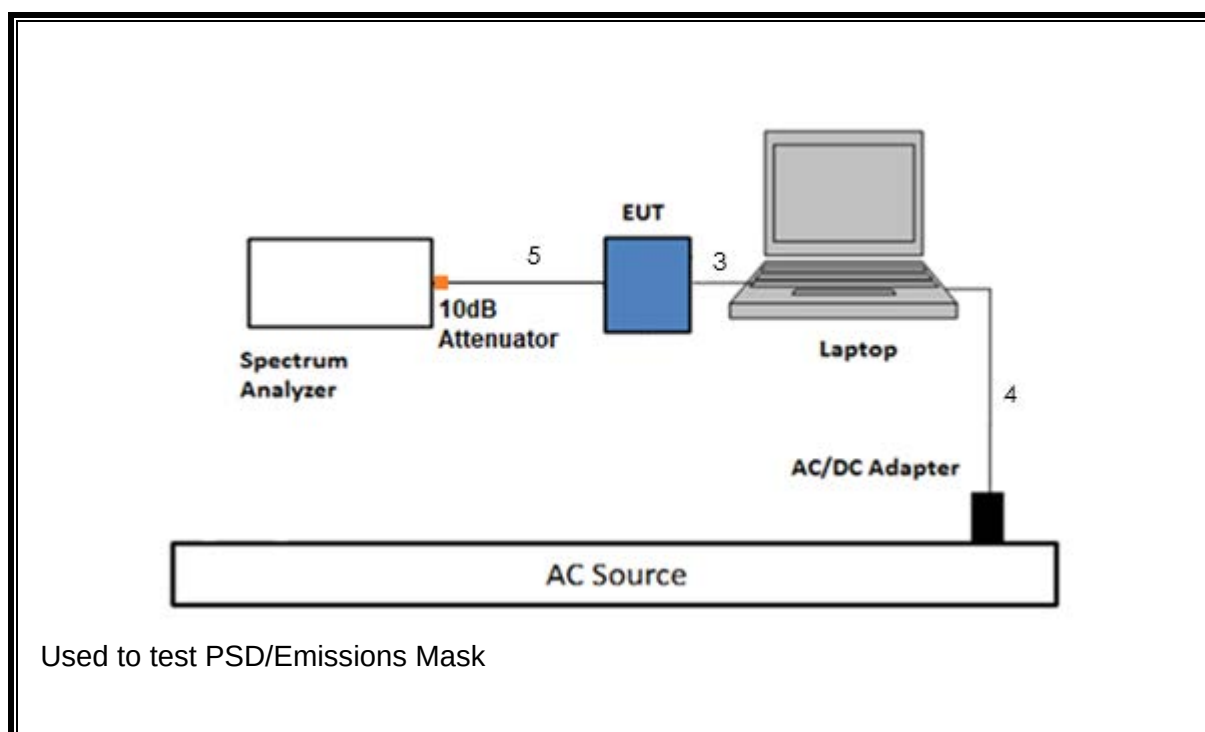
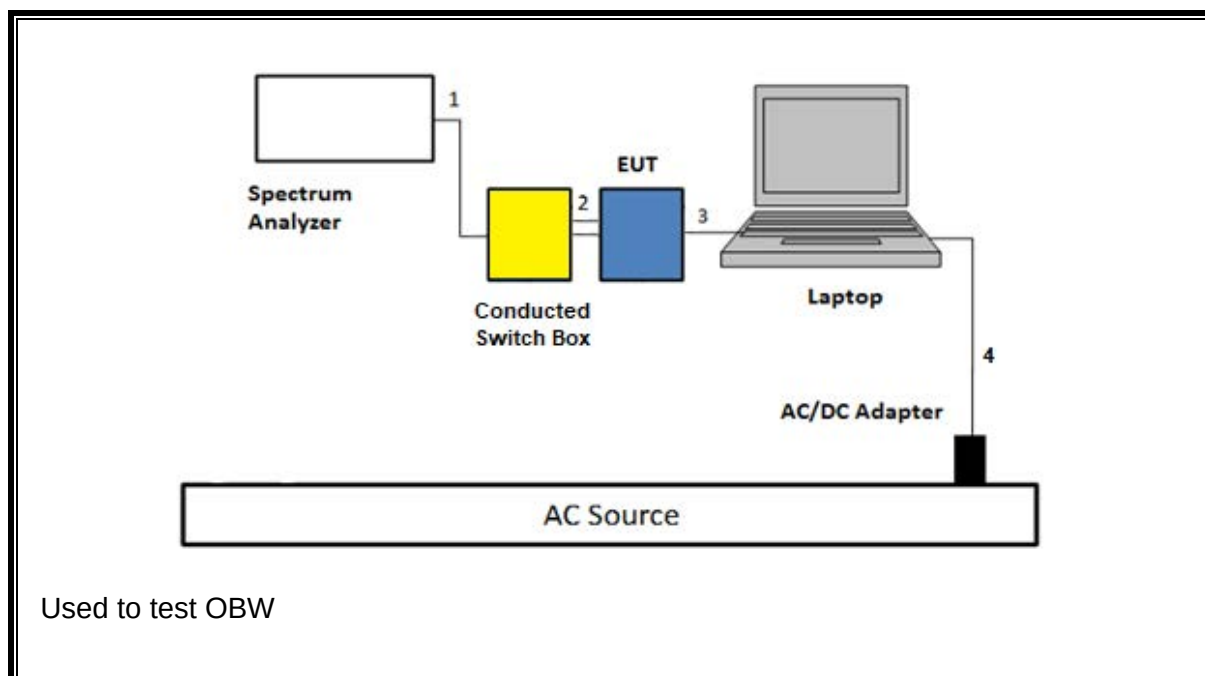
I/O CABLES (DUAL CLIENT TEST/ CLIENT DEVICE - POWER ADJUSTMENT)						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	AC	3	AC	Shielded	2.00	N/A
2	SMA	6	SMA	Shielded	0.75	To PXA/Power Meter/Coupler/CMX 500
3	USB	1	USB-C	Shielded	1.00	N/A

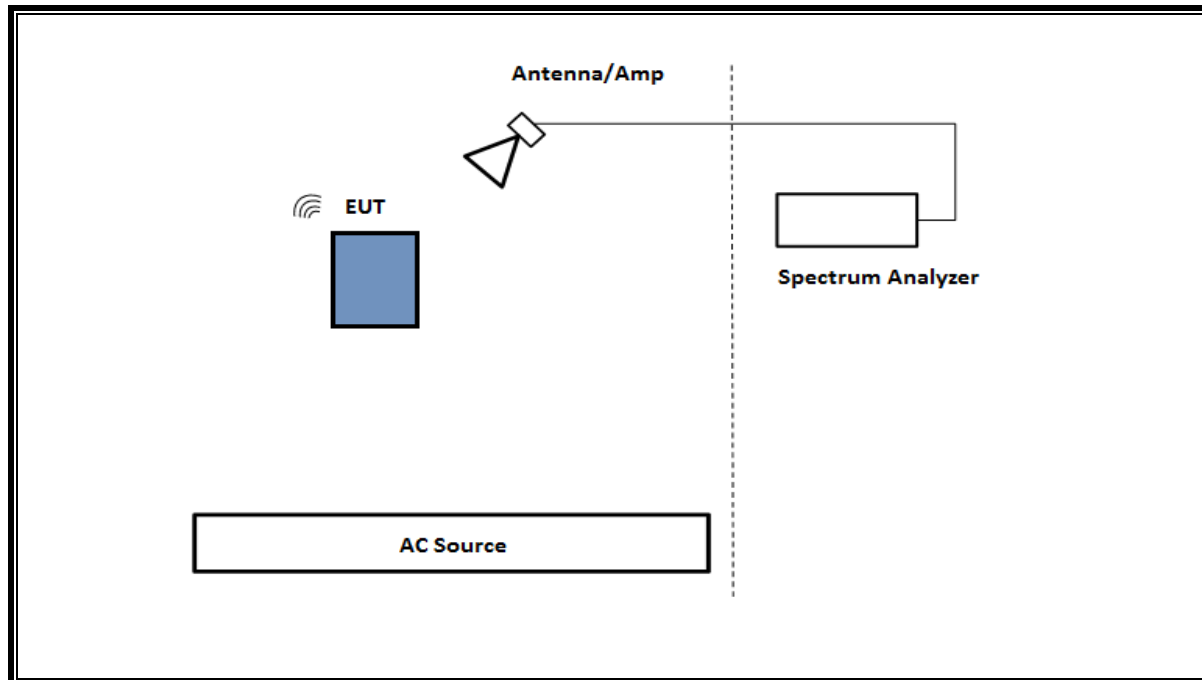
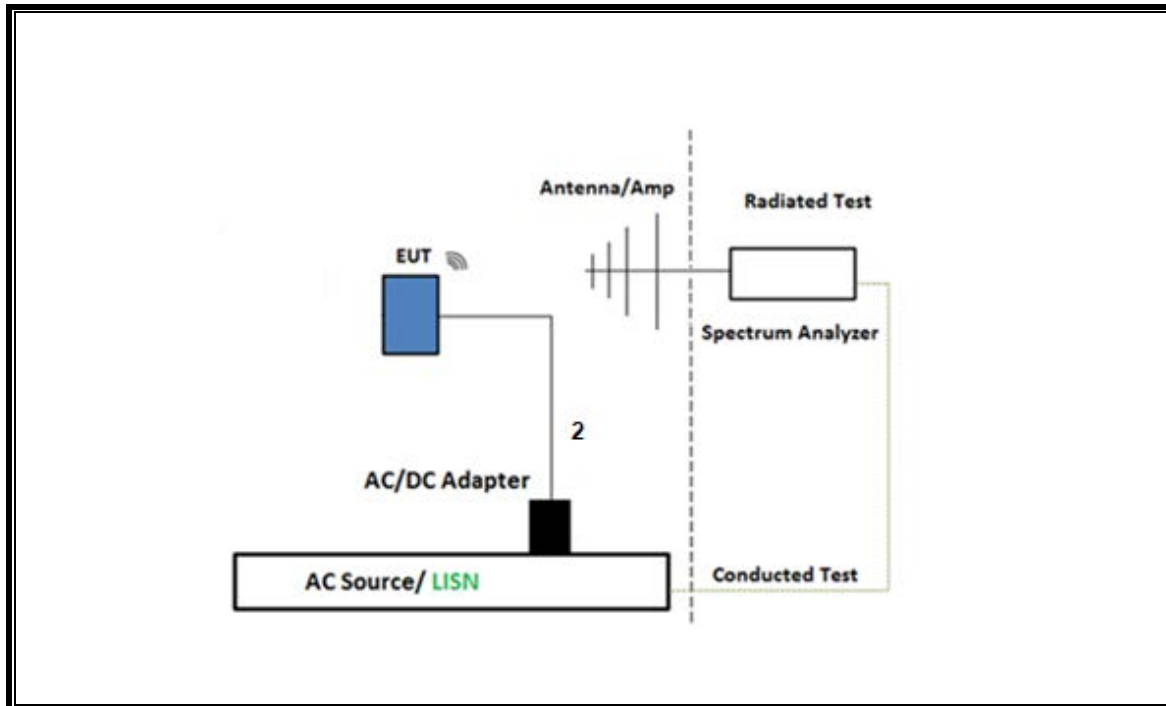
I/O CABLES (VLP TPC TEST)						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	AC	1	2-Prong	Un-shielded	1.00	DC to AC Mains
2	DC	1	DC	Shielded	1.50	To Laptop
3	USB-C	1	USB-C	Shielded	1.00	N/A
4	SMA	4	SMA	Shielded	0.75	To PXA, coupler, step attenuator and companion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

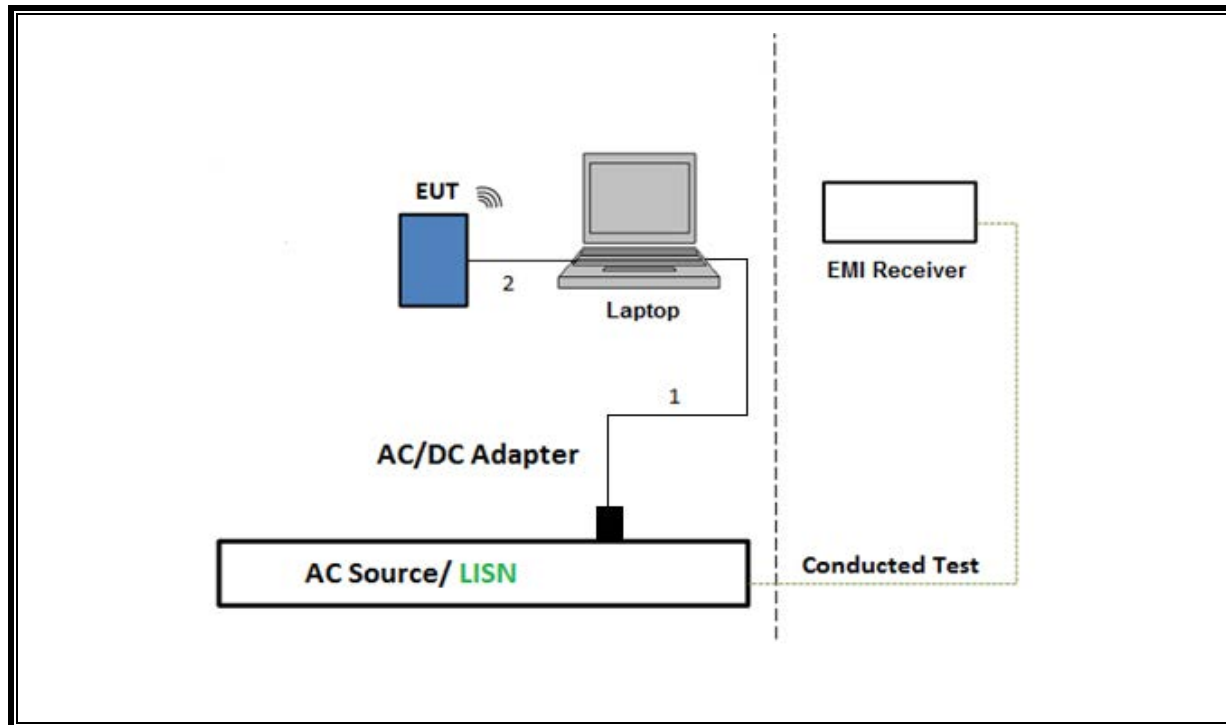
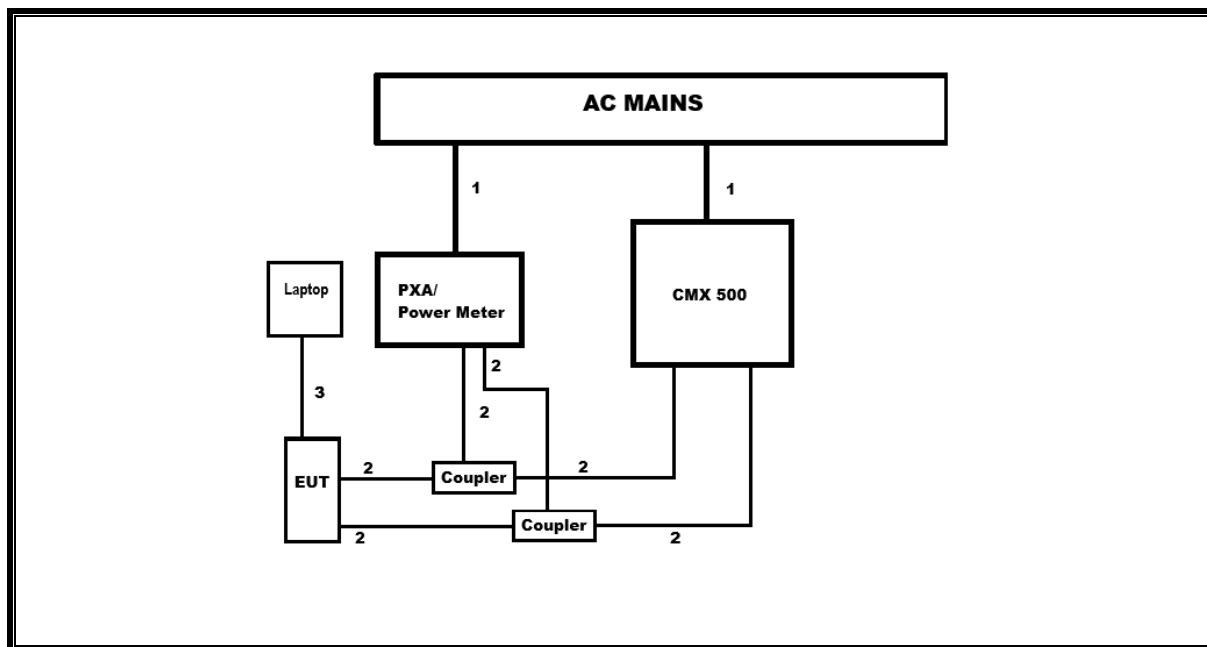
TEST SETUP

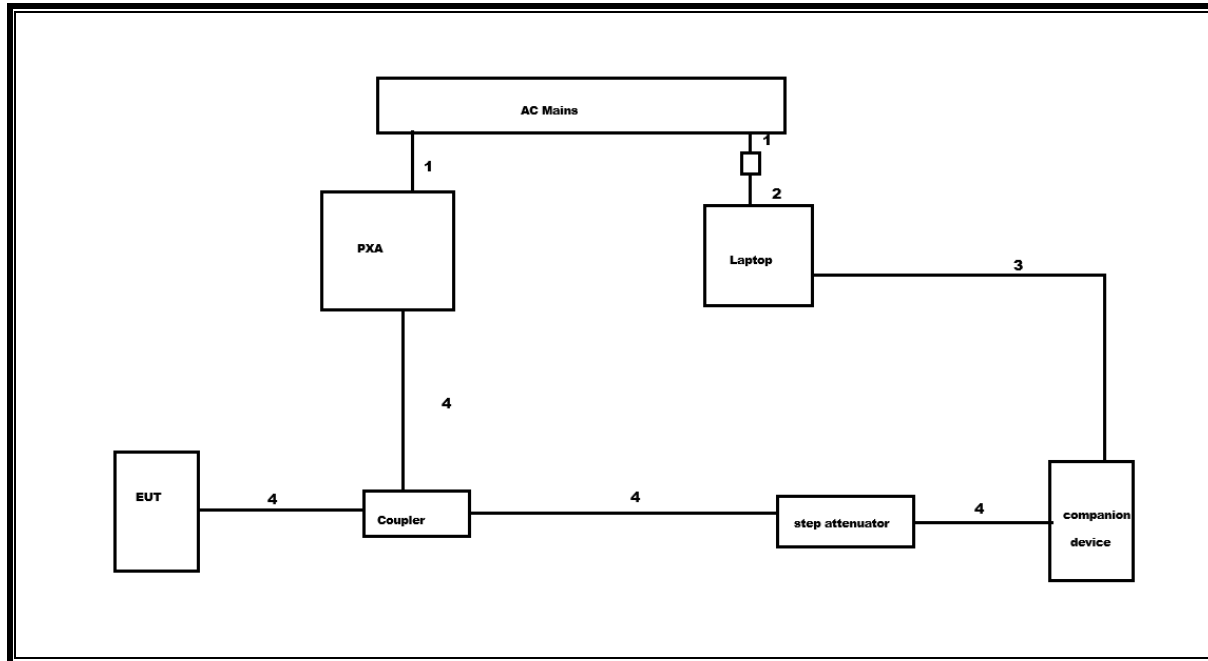
The EUT setup is shown as below. Test software exercised the radio card.

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.

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

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	235266	2026-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	206806	2026-02-28
RF Filter Box, 1-18GHz	UL-FR1	Silver Box	173233	2026-04-30
Antenna, Broadband Hybrid, 30MHz to 3GHz	Sunol Sciences Corp.	JB3	202301	2027-02-28
Amplifier	Sonoma Instrument Co.	310 N	79584	2026-02-28
Antenna, Horn 18 to 26.5GHz	A.R.A.	MWH-1826/B	81140	2026-08-31
RF Device, Active, Amplifier	AMPLICAL	AMP18G26.5-60	236106	*2025-04-18
Antenna, Horn 26.5 to 40GHz	A.R.A.	MWH-2640/B	230656	2026-08-31
RF Device, Active, Amplifier	AMPLICAL	AMP26G40-60	236107	*2025-04-17
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	169927	2026-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	41112	2026-10-31
RF Filter Box, 1-18GHz	UL-FR1	RATS 3.1	243707	2026-04-30
EMI Test Receiver	Rohde & Schwarz	ESW44	223460	2026-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	80403	*2025-06-30
RF Filter Box, 1-18GHz	UL-FR1	RATS 2.0	236726	2025-10-31
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
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 w/Ext. Mixer	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

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
Power Sensor	MAURY MICROWAVE	RTP4018-S1	262745	2026-04-30
Power Sensor	MAURY MICROWAVE	RTP4018-S1	262746	2026-04-30
Power Sensor	MAURY MICROWAVE	RTP4018-S1	262747	2026-04-30
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
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 9 KHz - 1 GHz	SONOMA INSTRUMENT	310N	230310	*2025-05-16

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	v2025.3.0, 4.1, 4.8, 5.0, 5.1, 5.2, 5.3, 6.0, 6.1

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

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

* Testing was completed before equipment calibration 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

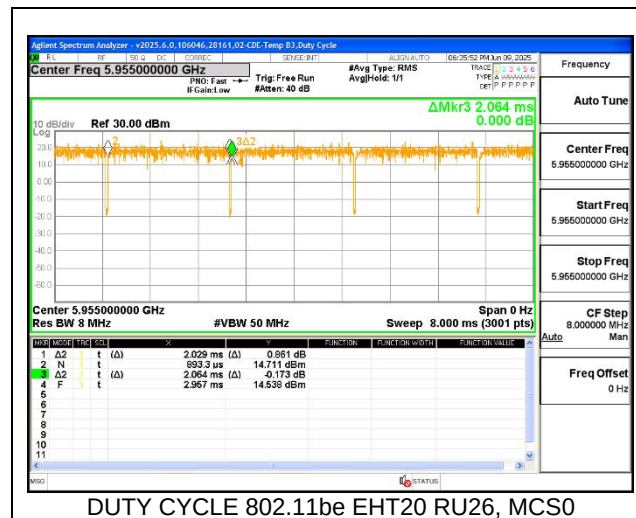
Mode	Tone	Data Rate (Mbps)	ON Time T (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)
11a	--	6	3.825	3.850	0.9935	99.35%	0.00	0.010
		54	5.276	5.327	0.9904	99.04%	0.00	0.010
EHT20	SU	MCS0	4.620	4.645	0.9946	99.46%	0.00	0.010
		MCS11	5.440	5.460	0.9963	99.63%	0.00	0.010
	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
	52T	MCS0	2.029	2.067	0.9816	98.16%	0.00	0.010
		MCS11	2.027	2.064	0.9821	98.21%	0.00	0.010
	52+26T	MCS0	2.032	2.072	0.9807	98.07%	0.00	0.010
		MCS11	2.024	2.064	0.9806	98.06%	0.00	0.010
	106T	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
	106+26T	MCS0	2.029	2.067	0.9816	98.16%	0.00	0.010
		MCS11	2.027	2.064	0.9821	98.21%	0.00	0.010
EHT40	SU	MCS0	5.380	5.407	0.9950	99.50%	0.00	0.010
		MCS11	2.980	3.003	0.9923	99.23%	0.00	0.010
	26T	MCS0	2.029	2.067	0.9816	98.16%	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	2.064	0.9830	98.30%	0.00	0.010
	106T	MCS0	2.029	2.067	0.9816	98.16%	0.00	0.010
		MCS11	2.029	2.067	0.9816	98.16%	0.00	0.010
	106+26T	MCS0	2.029	2.067	0.9816	98.16%	0.00	0.010
		MCS11	2.027	2.064	0.9821	98.21%	0.00	0.010
	242T	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

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	5.160	0.9961	99.61%	0.00	0.010
		MCS11	1.460	1.485	0.9832	98.32%	0.00	0.010
	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	2.027	2.064	0.9821	98.21%	0.00	0.010
	52+26T	MCS0	2.011	2.066	0.9734	97.34%	0.12	0.497
		MCS11	2.010	2.064	0.9738	97.38%	0.12	0.498
	106T	MCS0	2.029	2.067	0.9816	98.16%	0.00	0.010
		MCS11	2.029	2.067	0.9816	98.16%	0.00	0.010
	106+26T	MCS0	2.029	2.067	0.9816	98.16%	0.00	0.010
		MCS11	2.029	2.067	0.9816	98.16%	0.00	0.010
	242T	MCS0	2.032	2.072	0.9807	98.07%	0.00	0.010
		MCS11	2.032	2.072	0.9807	98.07%	0.00	0.010
	484T	MCS0	2.008	2.072	0.9691	96.91%	0.14	0.498
		MCS11	2.032	2.064	0.9845	98.45%	0.00	0.010
EHT160	SU	MCS0	5.320	5.347	0.9950	99.50%	0.00	0.010
		MCS11	0.765	0.790	0.9684	96.84%	0.14	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	2.029	2.072	0.9792	97.92%	0.09	0.493
		MCS11	2.027	2.064	0.9821	98.21%	0.00	0.010
	52+26T	MCS0	2.006	2.063	0.9724	97.24%	0.12	0.499
		MCS11	2.011	2.069	0.9720	97.20%	0.12	0.497
	106T	MCS0	2.010	2.065	0.9734	97.34%	0.12	0.498
		MCS11	2.023	2.062	0.9811	98.11%	0.00	0.010
	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
	242	MCS0	2.027	2.077	0.9759	97.59%	0.11	0.493
		MCS11	2.028	2.067	0.9811	98.11%	0.00	0.010
	484+242T	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
	996T	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
	996+484T	MCS0	2.032	2.080	0.9769	97.69%	0.10	0.492
		MCS11	2.016	2.064	0.9767	97.67%	0.10	0.496

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	5.385	5.415	0.9945	99.45%	0.00	0.010
	26T	MCS0	2.029	2.064	0.9830	98.30%	0.00	0.010
	52T	MCS0	2.029	2.064	0.9830	98.30%	0.00	0.010
	106T	MCS0	2.029	2.064	0.9830	98.30%	0.00	0.010
	106+26	MCS0	2.027	2.064	0.9821	98.21%	0.00	0.010
EHT40 SDM	SU	MCS0	10.790	10.820	0.9972	99.72%	0.00	0.010
	26T	MCS0	2.029	2.064	0.9830	98.30%	0.00	0.010
	52T	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+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	10.310	10.340	0.9971	99.71%	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
	52+26T	MCS0	2.028	2.067	0.9811	98.11%	0.00	0.010
	106+26T	MCS0	2.027	2.064	0.9821	98.21%	0.00	0.010
EHT160 SDM	SU	MCS0	5.420	5.447	0.9950	99.50%	0.00	0.010
	26T	MCS0	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
	106T	MCS0	2.028	2.067	0.9811	98.11%	0.00	0.010
	106+26T	MCS0	2.027	2.064	0.9821	98.21%	0.00	0.010
	996T	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 (RBW/VBW)	*40MHz (RBW/VBW)	*80MHz (RBW/VBW)	*160MHz (RBW/VBW)
UNII-5/6/7/8	Partial RU	106T: 300kHz/910kHz MRU 106+26T: 300kHz/910kHz	106T: 510kHz/1.6MHz MRU 106+26T: 510kHz/1.6MHz	MRU 52+26T: 510kHz/1.6MHz MRU 106+26T: 510kHz/1.6MHz	52T: 510kHz/1.6MHz 106T: 510kHz/1.6MHz MRU 106+26T: 510kHz/1.6MHz MRU 484+242T: 1MHz/3MHz
	SU	300kHz/910kHz	510kHz/1.6MHz	1MHz/3MHz	2MHz/6MHz

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

RESULTS

ID:	106046/28161
Date:	2025-04-11 – 2025-07-03

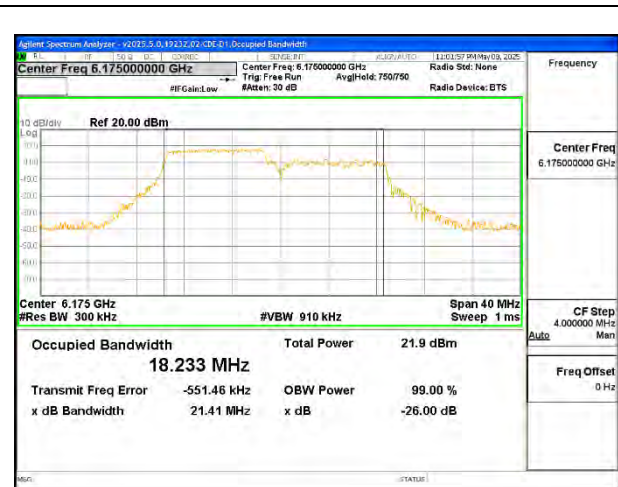
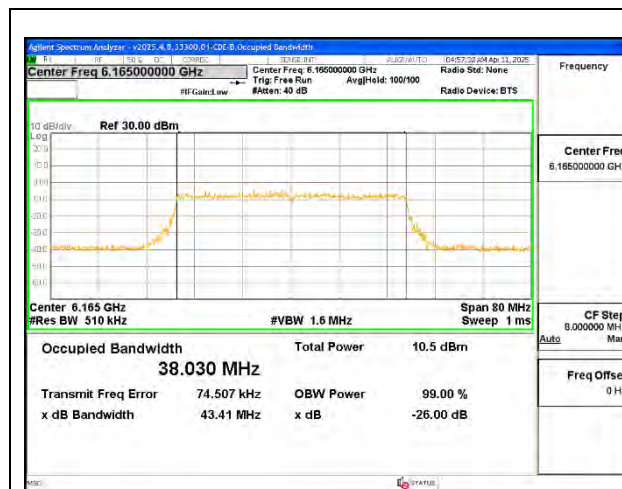
For mask and bandwidth measurements partial RU allocations are tested with the RUs allocated at the lower and upper positions within the channel for the low mid and high channels in each band. Additionally, the center channel is also tested with the RU allocated in the center of the channel to verify 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. 802.11be 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	--	22.74	22.78	19.004	18.990
			106	53	21.52	21.83	18.230	18.184
				54	20.83	20.86	18.184	18.168
	6175	45	SU	--	23.08	22.54	19.108	19.039
			106	53	21.41	21.56	18.233	18.127
				54	21.13	21.10	18.127	18.095
	6415	93	SU	--	22.53	22.31	19.021	19.012
			106	53	21.94	22.09	18.242	18.180
				54	21.05	21.08	18.180	18.123
40 MHz	5965	3	SU	--	43.34	44.03	38.014	37.985
			106+26	82	21.80	21.90	18.037	17.994
				83	21.74	21.99	18.547	18.612
				85	20.81	21.61	17.999	18.084
	6165	43	SU	--	43.41	43.78	38.030	38.050
			106+26	82	21.99	22.09	17.988	18.015
				83	21.69	21.58	18.631	18.663
				85	21.75	21.61	17.985	17.933
	6405	91	SU	--	44.36	43.65	37.973	37.920
			106+26	82	22.01	22.26	18.077	17.996
				83	21.89	21.60	18.578	18.598
				85	20.96	21.89	18.066	18.019
80 MHz	5985	7	SU	--	84.41	85.24	77.569	77.576
			106+26	82	21.87	22.10	18.114	18.019
				85	21.44	20.68	18.137	17.820
				89	21.26	20.82	18.033	17.978
	6145	39	SU	--	84.52	84.22	77.633	77.566
			106+26	82	21.64	21.78	18.071	17.990
				85	21.03	20.85	18.069	17.752
				89	20.90	21.30	17.979	17.953
	6385	87	SU	--	84.03	84.93	77.633	77.692
			106+26	82	22.35	21.97	18.196	18.159
				85	21.16	20.82	18.021	17.978
				89	21.97	21.46	18.116	18.119
160 MHz	6025	15	SU	--	164.10	165.10	156.300	156.430
			52	37	21.67	21.36	18.424	18.725
				52	21.32	21.13	18.409	18.428
				S52	20.71	21.43	18.718	18.476
	6185	47	SU	--	163.80	164.40	156.420	156.490
			52	37	20.96	20.92	18.529	18.601
				52	21.13	21.02	18.628	18.397
				S52	20.77	21.30	18.228	18.505
	6345	79	SU	--	175.30	164.60	156.420	156.490
			52	37	20.74	21.25	18.620	18.460
				52	20.80	20.76	18.227	18.451
				S52	20.79	20.73	18.504	18.278

20MHz - Mid Channel – SU
(UNII-5) – ANT 620MHz - Mid Channel – 106T RU53
(UNII-5) – ANT 640MHz - Mid Channel – SU
(UNII-5) – ANT 640MHz - Mid Channel – 106+26T RU83
(UNII-5) – ANT 680MHz - Mid Channel – SU
(UNII-5) – ANT 680MHz - Mid Channel – 106+26T RU85
(UNII-5) – ANT 6

9.2.2. 802.11be MIMO CDD MODE IN THE UNII-5 BAND

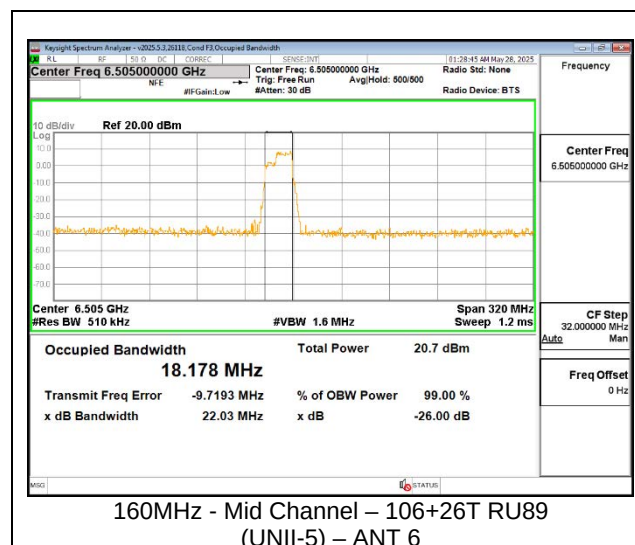
UNII-5 (MIMO CDD)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					ANT 6	ANT 5	ANT 6	ANT 5
20 MHz	5955	1	SU	--	21.93	22.03	19.010	19.007
			106	53	21.69	20.80	18.290	18.130
				54	21.06	20.48	18.205	18.066
	6175	45	SU	--	22.49	22.31	19.016	18.993
			106	53	21.71	20.59	18.288	18.146
				54	20.92	20.60	18.180	18.121
	6415	93	SU	--	22.96	22.26	19.018	18.990
			106	53	21.86	20.75	18.374	18.133
				54	21.00	20.66	18.170	18.088
40 MHz	5965	3	SU	--	43.46	42.98	37.907	37.979
			106+26	82	22.08	21.08	17.990	17.857
				83	21.84	21.13	18.577	18.578
				85	21.29	20.84	17.983	17.862
	6165	43	SU	--	43.01	42.71	37.939	38.032
			106+26	82	22.26	20.92	18.010	17.926
				83	21.59	21.25	18.613	18.563
				85	21.02	20.76	17.961	17.880
	6405	91	SU	--	43.44	42.28	37.923	37.942
			106+26	82	22.30	21.03	18.070	17.959
				83	21.65	21.22	18.643	18.487
				85	21.00	20.89	17.892	17.996
80 MHz	5985	7	SU	--	84.33	82.93	77.530	77.411
			106+26	82	22.00	21.23	18.062	17.999
				85	20.87	20.97	18.011	18.020
				89	21.85	20.54	18.050	17.992
	6145	39	SU	--	85.74	84.40	77.583	77.417
			106+26	82	21.86	20.55	18.045	17.916
				85	21.56	21.07	18.004	17.982
				89	20.87	20.89	17.781	18.003
	6385	87	SU	--	83.38	82.94	77.626	77.455
			106+26	82	22.96	21.20	18.120	18.022
				85	21.27	21.18	17.590	18.017
				89	21.27	20.60	17.978	17.993
160 MHz	6025	15	SU	--	164.40	163.50	156.350	155.940
			106+26	82	22.38	21.11	18.176	18.043
				89	20.72	21.07	17.935	18.030
				S89	21.59	20.92	18.010	18.157
	6185	47	SU	--	163.90	163.70	156.060	156.170
			106+26	82	22.47	21.57	18.168	18.079
				89	21.38	20.41	18.157	17.987
				S89	21.10	20.99	18.055	18.079
	6345	79	SU	--	164.80	164.80	156.270	156.200
			106+26	82	22.62	21.07	18.286	18.163
				89	21.51	20.82	18.213	18.050
				S89	21.76	20.87	18.320	17.954

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

UNII-5 (MIMO SDM)	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	--	22.82	22.01	19.063	19.020
			106	53	21.95	20.72	18.312	18.164
				54	20.70	20.66	18.192	18.169
	6175	45	SU	--	22.52	22.44	18.988	18.975
			106	53	21.42	20.56	18.226	18.160
				54	20.87	20.52	18.198	18.177
	6415	93	SU	--	22.20	22.08	19.010	19.003
			106	53	21.73	20.87	18.245	18.158
				54	21.10	20.71	18.191	18.180
40 MHz	5965	3	SU	--	43.28	42.75	37.924	37.956
			106+26	82	22.00	20.89	18.041	17.917
				83	21.77	20.92	18.681	18.518
				85	21.64	20.74	17.981	17.762
	6165	43	SU	--	43.56	43.34	37.980	37.892
			106+26	82	21.98	21.26	18.025	17.999
				83	21.67	21.47	18.298	18.558
				85	21.40	20.82	18.026	18.020
	6405	91	SU	--	43.59	42.65	37.975	37.985
			106+26	82	22.11	21.40	17.940	18.036
				83	21.96	21.15	18.684	18.569
				85	21.38	20.92	18.045	17.980
80MHz	5985	7	SU	--	84.72	82.65	77.554	77.526
			106+26	82	22.01	21.36	18.009	18.122
				85	21.11	20.81	18.209	18.131
				89	22.21	21.10	18.182	18.017
	6145	39	SU	--	83.73	84.71	77.494	77.556
			106+26	82	22.52	21.20	18.159	18.122
				85	21.52	21.00	18.180	18.096
				89	22.44	20.54	18.229	18.013
	6385	87	SU	--	84.16	83.86	77.411	77.568
			106+26	82	22.20	21.30	18.034	17.946
				85	21.26	21.20	18.229	18.185
				89	21.09	20.78	18.229	18.064
160MHz	6025	15	SU	--	163.80	163.50	156.290	156.070
			106+26	82	22.09	20.86	18.210	18.240
				89	21.18	21.94	18.030	18.010
				S89	20.97	20.83	18.219	18.251
	6185	47	SU	--	163.80	163.50	156.170	156.190
			106+26	82	21.56	21.15	18.342	18.267
				89	21.30	20.71	18.012	18.204
				S89	21.66	20.81	18.183	18.138
	6345	79	SU	--	163.60	163.90	156.230	156.140
			106+26	82	22.31	21.23	18.353	18.230
				89	20.72	21.15	18.022	17.935
				S89	21.57	21.12	18.144	18.133

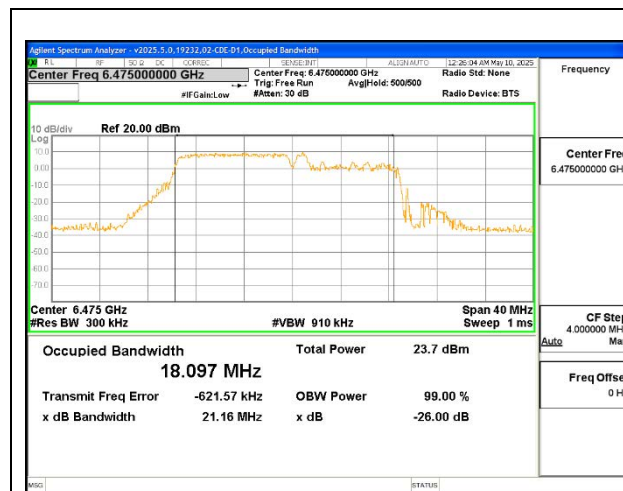
9.2.4. 802.11be SISO MODE IN THE UNII-6 BAND

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
20MHz	6435	97	SU	--	22.58	22.01	19.048	19.064
			106	53	21.50	21.41	18.196	18.202
				54	20.90	20.89	18.110	18.197
	6475	105	SU	--	22.59	22.49	18.994	19.019
			106	53	21.71	21.53	18.242	18.269
				54	21.02	21.12	17.907	18.173
	6515	113	SU	--	22.21	22.70	19.025	19.019
			106	53	21.78	21.67	18.145	18.260
				54	21.32	21.13	18.105	18.187
40MHz	6445	99	SU	--	43.02	43.33	38.086	38.068
			106+26	82	21.51	22.38	18.003	18.040
				83	21.79	21.75	18.624	18.569
				85	21.47	21.01	18.024	18.042
	6485	107	SU	--	43.49	43.86	37.918	37.967
			106+26	82	21.86	22.20	17.918	17.993
				83	22.01	21.60	18.571	18.638
				85	21.29	21.22	18.002	18.010
	6525 (Straddle)	115	SU	--	44.11	43.87	38.075	38.013
			106+26	82	22.38	21.42	17.954	17.999
				83	21.26	21.79	18.571	18.647
				85	21.42	21.42	18.044	18.024
80MHz	6465	103	SU	--	85.56	85.84	77.611	77.692
			106+26	82	21.92	21.54	18.009	18.082
				85	21.28	21.05	18.073	17.934
				89	21.22	21.05	18.109	18.111
160MHz	6505 (Straddle)	111	SU	--	164.00	164.20	156.290	156.520
			106+26	82	20.59	22.90	17.362	18.163
				89	22.03	20.72	18.178	18.064
				S89	20.98	21.62	18.130	18.108

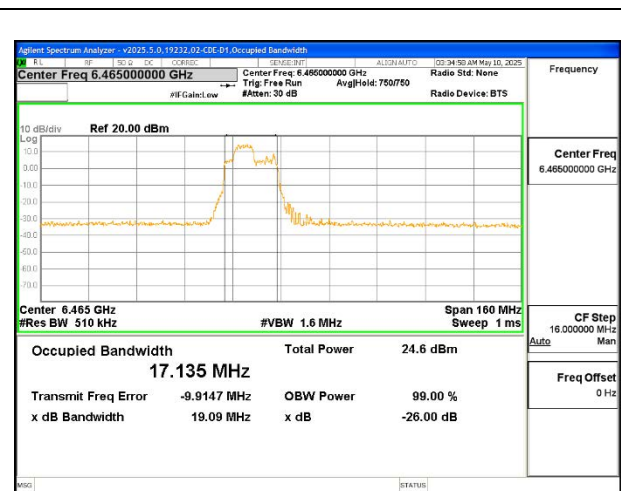


9.2.5. 802.11be MIMO CDD MODE IN THE UNII-6 BAND

UNII-6 (MIMO CDD)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					ANT 6	ANT 5	ANT 6	ANT 5
20MHz	6435	97	SU	--	22.97	22.02	19.011	19.022
			106+26	82	21.69	20.70	18.233	18.106
				83	20.90	20.50	18.096	18.069
	6475	105	SU	--	22.39	22.64	19.008	19.006
			106+26	82	21.16	21.13	18.097	18.080
				83	20.78	20.59	18.126	18.044
	6515	113	SU	--	22.22	22.87	19.006	19.042
			106+26	82	21.56	20.98	18.216	18.013
				83	20.79	20.43	18.034	18.036
40MHz	6445	99	SU	--	43.25	42.51	37.933	38.024
			106+26	82	22.52	21.24	18.003	17.937
				83	21.22	20.81	18.639	18.442
				85	20.73	20.70	17.954	17.962
	6485	107	SU	--	43.01	42.72	37.934	37.992
			106+26	82	22.06	21.64	18.050	17.873
				83	21.97	21.35	18.611	18.520
				85	21.97	20.68	18.018	17.806
	6525 (Straddle)	115	SU	--	42.77	42.91	37.966	37.944
			106+26	82	22.89	21.28	17.922	17.930
				83	21.34	21.28	18.527	18.579
				85	21.16	20.72	17.909	17.957
80MHz	6465	103	SU	--	84.64	83.95	77.422	77.400
			52+26	71	18.70	19.31	17.175	17.005
				74	20.05	19.09	17.365	17.135
				80	19.59	19.02	17.316	17.108
160MHz	6505 (Straddle)	111	SU	--	163.50	164.00	156.160	156.230
			106	53	23.50	22.67	18.462	18.897
				60	22.06	21.79	18.373	18.521
				S60	21.41	22.08	18.633	18.598



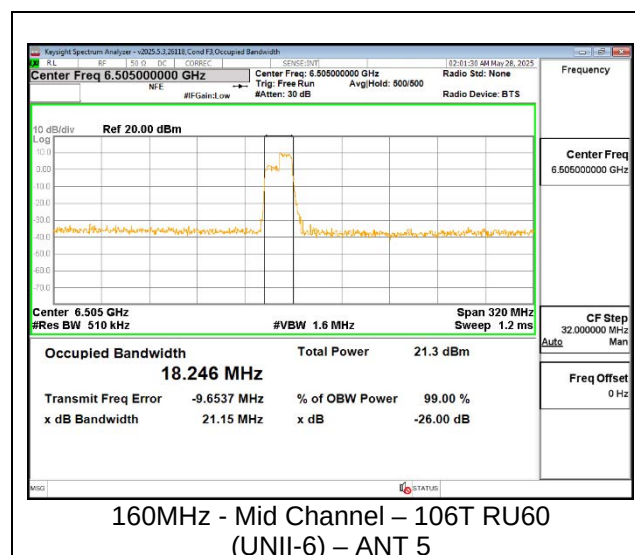
20MHz - Mid Channel – 106+26T RU82
(UNII-6) – ANT 6



80MHz - Mid Channel – 52+26T RU74
(UNII-6) – ANT 6

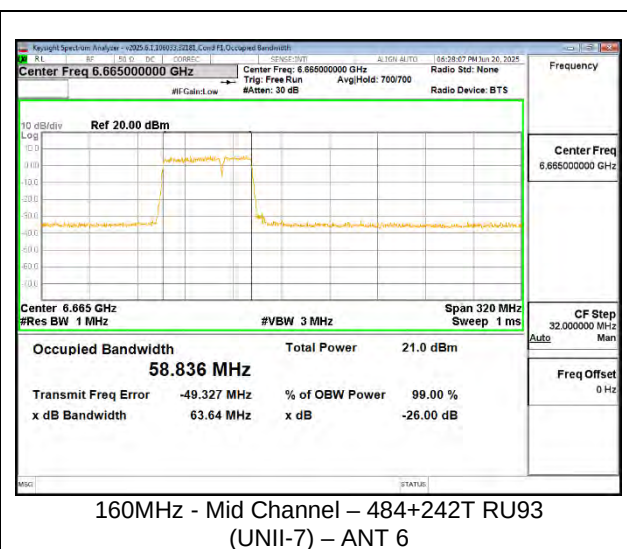
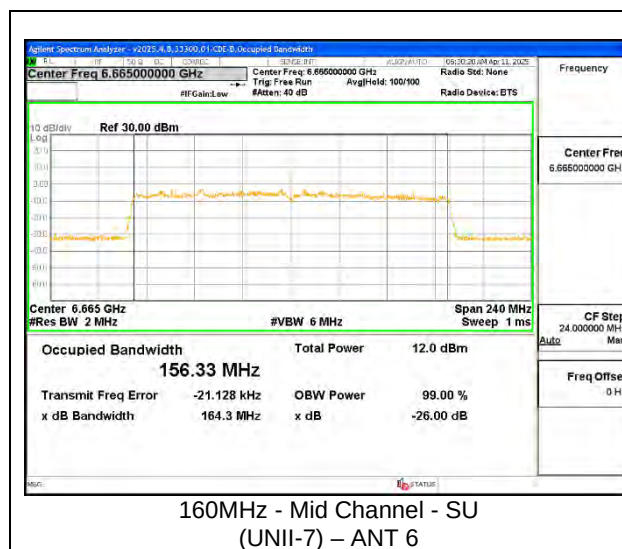
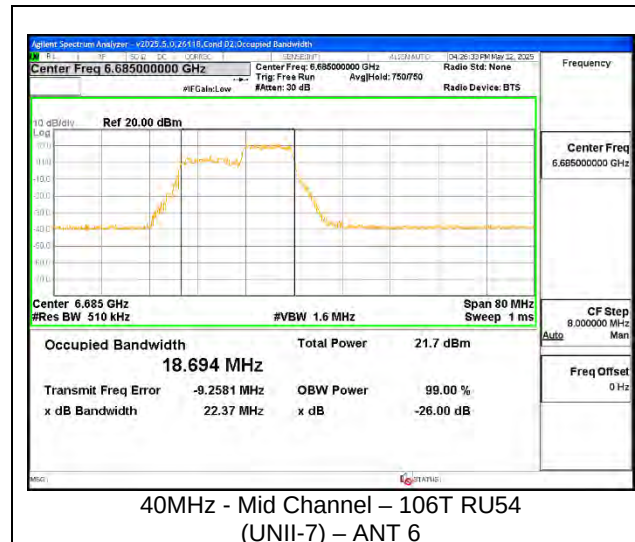
9.2.6. 802.11be MIMO SDM MODE IN THE UNII-6 BAND

UNII-6 (MIMO SDM)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					ANT 6	ANT 5	ANT 6	ANT 5
20MHz	6435	97	SU	--	22.28	21.74	18.995	18.995
			106+26	82	21.99	20.82	18.214	18.082
				83	21.10	20.49	18.172	18.046
	6475	105	SU	--	21.94	21.85	19.001	18.977
			106+26	82	21.86	20.73	18.165	18.086
				83	20.98	20.73	18.066	18.133
	6515	113	SU	--	22.73	21.74	19.045	19.019
			106+26	82	21.74	20.93	18.174	18.133
				83	21.14	20.83	18.065	18.105
40MHz	6445	99	SU	--	43.12	43.77	37.926	37.991
			106+26	82	21.93	21.27	18.028	17.926
				83	21.73	20.75	18.722	18.64
				85	20.98	20.77	17.961	17.939
	6485	107	SU	--	43.22	42.94	37.937	37.958
			106+26	82	21.63	21.48	17.991	17.849
				83	21.73	21.46	18.528	18.546
				85	21.55	20.78	18.033	17.928
	6525 (Straddle)	115	SU	--	43.26	42.16	37.992	37.913
			106+26	82	22.04	21.32	18.007	17.916
				83	20.75	21.18	18.517	18.566
				85	21.56	20.79	17.955	17.956
80MHz	6465	103	SU	--	83.59	84.29	77.057	77.455
			52+26	71	19.53	19.12	17.364	17.039
				74	19.73	19.34	17.372	17.264
				80	20.03	19.40	17.329	17.250
160MHz	6505 (Straddle)	111	SU	--	164.30	163.70	156.26	156.22
			106	53	21.29	21.36	18.020	18.117
				60	21.38	21.15	18.146	18.246
				S60	21.15	20.77	17.943	17.936



9.2.7. 802.11be SISO MODE IN THE UNII-7 BAND

UNII-7 (SISO)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					ANT 6	ANT 5	ANT 6	ANT 5
20MHz	6535	117	SU	--	21.95	22.45	18.935	18.987
			106+26	82	21.93	21.81	18.194	18.240
				83	21.11	21.18	18.163	18.163
	6715	153	SU	--	21.12	22.42	18.847	19.070
			106+26	82	21.85	22.05	18.179	18.229
				83	21.22	21.11	18.079	18.117
	6875	185	SU	--	21.94	22.65	18.949	19.006
			106+26	82	22.00	22.21	18.234	18.193
				83	21.25	20.79	18.051	18.167
40MHz	6565	123	SU	--	43.82	43.45	37.971	37.880
			106	53	21.14	22.20	17.947	18.137
				54	22.07	21.29	18.429	18.711
				56	21.55	21.06	18.124	18.071
	6685	147	SU	--	43.73	44.05	38.026	38.006
			106	53	21.16	21.91	18.037	18.231
				54	22.37	21.70	18.694	18.766
				56	21.68	21.16	17.961	17.995
	6845	179	SU	--	44.46	44.18	38.052	38.030
			106	53	20.82	21.79	18.034	17.962
				54	21.98	21.04	18.713	18.496
				56	21.94	21.17	18.127	18.104
80MHz	6545 (Straddle)	119	SU	--	84.91	84.50	77.685	77.601
			106+26	82	21.25	21.86	17.936	18.153
				85	21.58	21.66	18.010	17.931
				89	21.50	21.40	17.940	18.109
	6705	151	SU	--	85.13	85.35	77.711	77.729
			106+26	82	22.40	22.26	18.117	18.083
				85	21.16	21.79	17.943	18.084
				89	21.56	21.44	18.039	18.019
	6865	183	SU	--	84.47	85.93	77.799	77.671
			106+26	82	22.48	22.09	18.043	18.185
				85	21.45	21.58	18.012	18.220
				89	21.54	21.54	17.987	18.163
160MHz	6665	143	SU	--	164.30	164.20	156.330	156.410
			484+242	90	63.24	63.48	58.574	58.785
				93	63.64	63.34	58.836	58.817
				S93	63.43	63.45	58.674	58.737
	6825 (Straddle)	175	SU	--	165.00	164.60	156.580	156.810
			484+242	90	63.27	63.28	58.776	58.838
				93	63.41	62.48	58.655	58.825
				S93	63.19	63.42	58.515	58.693



9.2.8. 802.11be MIMO CDD MODE IN THE UNII-7 BAND

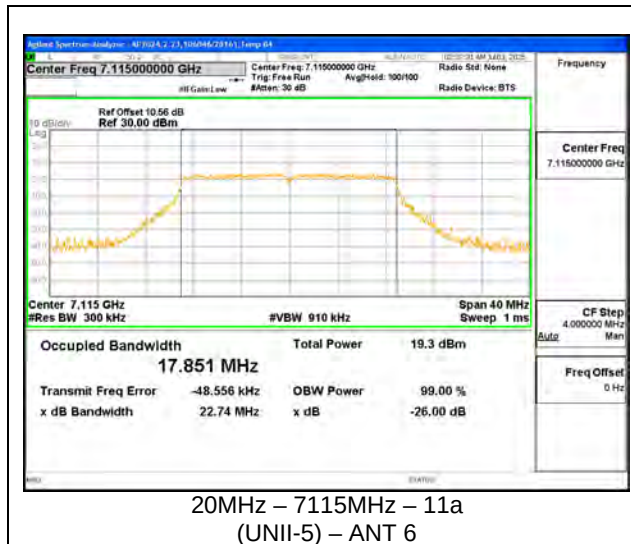
UNII-7 (MIMO CDD)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					ANT 6	ANT 5	ANT 6	ANT 5
20MHz	6535	117	SU	--	22.74	22.59	18.977	19.004
			106	53	21.50	20.72	18.258	18.105
				54	21.40	21.07	18.273	18.104
	6715	153	SU	--	22.42	22.08	18.982	19.023
			106	53	21.68	20.70	18.294	18.183
				54	21.49	20.42	18.292	18.152
	6875	185	SU	--	22.74	22.31	19.042	19.002
			106	53	21.61	20.97	18.287	18.164
				54	21.43	20.63	18.227	18.091
40MHz	6565	123	SU	--	43.84	43.99	37.992	37.975
			106	53	21.22	21.03	17.913	17.903
				54	22.00	21.15	18.640	18.585
				56	21.67	20.80	18.129	18.020
	6685	147	SU	--	43.91	43.77	38.071	38.007
			106	53	21.93	21.45	17.909	18.031
				54	22.19	21.12	18.608	18.520
				56	21.68	20.73	18.050	18.000
	6845	179	SU	--	44.04	44.23	38.060	37.991
			106	53	21.37	21.05	17.925	17.887
				54	22.36	20.99	18.714	18.509
				56	21.89	20.88	18.165	18.119
80MHz	6545 (Straddle)	119	SU	--	85.18	83.87	77.437	77.459
			106+26	82	22.33	21.38	18.159	17.802
				85	21.48	20.63	18.064	18.213
				89	21.34	21.02	18.088	18.009
	6705	151	SU	--	84.73	83.93	77.526	77.515
			106+26	82	21.75	20.56	18.025	18.072
				85	21.48	20.51	17.892	18.080
				89	22.13	20.80	18.052	18.022
	6865	183	SU	--	85.09	83.38	77.558	77.656
			106+26	82	21.90	21.28	18.020	18.017
				85	20.94	20.83	17.957	18.142
				89	21.00	20.94	18.245	18.102
160MHz	6665	143	SU	--	164.20	163.20	156.250	155.790
			52	37	21.02	21.52	18.528	19.168
				52	21.27	21.99	18.553	18.873
				S52	20.39	21.80	17.482	18.658
	6825 (Straddle)	175	SU	--	164.30	164.00	156.390	156.270
			52	37	21.24	21.66	18.393	19.085
				52	21.47	21.59	18.653	19.152
				S52	21.08	21.36	18.408	19.027

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

UNII-7 (MIMO SDM)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					ANT 6	ANT 5	ANT 6	ANT 5
20MHz	6535	117	SU	--	22.53	21.36	19.043	19.031
			106	53	21.85	20.73	18.245	18.131
				54	21.96	20.93	18.285	18.279
	6715	153	SU	--	22.87	22.15	19.064	19.039
			106	53	21.41	20.94	18.285	18.202
				54	21.69	21.03	18.335	18.255
	6875	185	SU	--	22.76	21.77	19.028	19.008
			106	53	21.74	20.76	18.136	18.222
				54	21.20	20.81	18.327	18.234
40MHz	6565	123	SU	--	43.83	42.37	38.01	37.958
			106	53	21.22	20.34	17.937	17.889
				54	21.95	21.69	18.668	18.524
				56	22.09	20.60	18.207	18.023
	6685	147	SU	--	42.53	43.56	37.926	37.863
			106	53	21.18	21.11	17.389	17.955
				54	22.20	21.62	18.762	18.478
				56	22.05	20.90	18.163	17.885
	6845	179	SU	--	43.15	42.33	38.102	38.003
			106	53	21.56	20.55	17.997	17.894
				54	21.94	21.57	18.68	18.459
				56	21.37	21.33	18.174	17.911
80MHz	6545 (Straddle)	119	SU	--	84.92	84.33	77.533	77.493
			106+26	82	22.54	21.11	18.125	17.913
				85	21.24	20.91	18.287	17.996
				89	21.84	20.44	18.134	18.117
	6705	151	SU	--	83.30	84.65	77.573	77.316
			106+26	82	22.21	21.55	18.068	18.064
				85	21.82	21.35	18.139	18.125
				89	21.79	20.66	18.239	18.026
	6865	183	SU	--	83.49	84.45	77.597	77.33
			106+26	82	22.16	20.86	18.104	17.854
				85	21.09	20.75	18.289	18.011
				89	21.21	20.83	17.93	18.122
160MHz	6665	143	SU	--	163.70	163.70	156.12	156.13
			52	37	22.81	22.18	18.188	18.839
				52	21.60	21.60	19.069	18.708
				S52	21.83	21.94	19.192	18.844
	6825 (Straddle)	175	SU	--	164.50	163.50	156.46	156.46
			52	37	22.75	21.60	18.991	18.859
				52	22.01	21.63	18.887	18.385
				S52	21.92	21.74	18.887	18.854

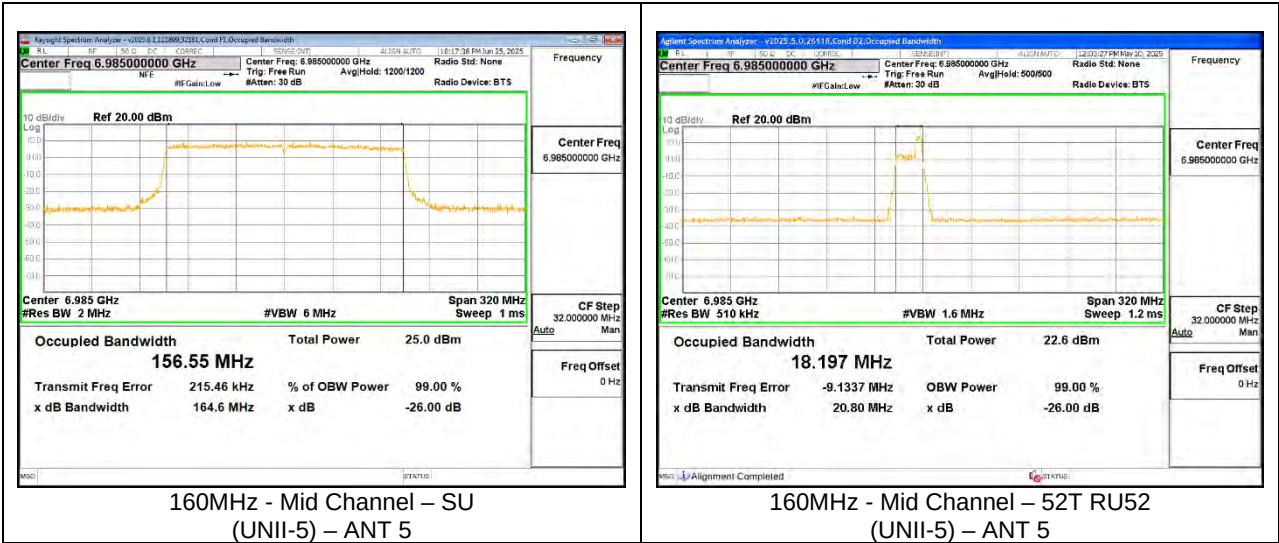
9.2.10. 802.11a SISO MODE IN THE UNII-8 BAND

UNII-8 (SISO)	Frequency (MHz)	Channel Number	Mode	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
				ANT 6	ANT 5	ANT 6	ANT 5
20MHz	7115	233	11a	22.74	22.17	17.851	17.895



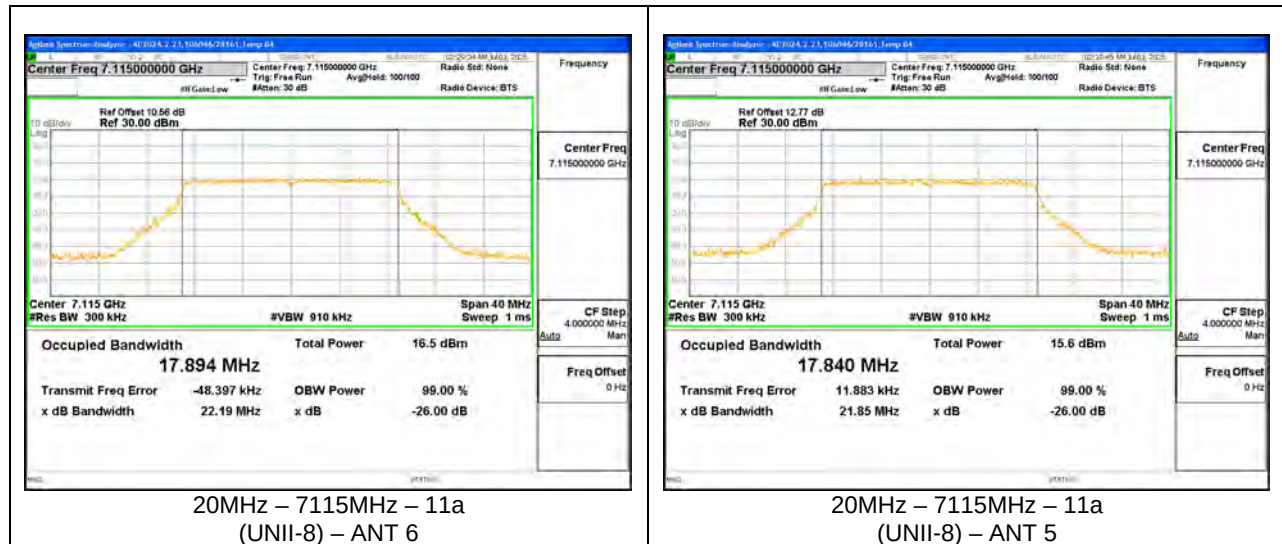
9.2.11. 802.11be SISO MODE IN THE UNII-8 BAND

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
20MHz	6895	189	SU	--	22.70	22.50	19.042	19.052
			106	53	21.70	21.87	18.243	18.286
				54	20.83	20.92	18.114	18.120
	6995	209	SU	--	22.33	23.09	19.025	19.070
			106	53	21.43	22.01	18.257	18.272
				54	20.81	21.14	18.188	18.205
	7095	229	SU	--	22.18	22.86	19.027	19.066
			106	53	21.91	21.61	18.302	18.285
				54	20.93	20.82	18.192	18.194
40MHz	6885 (Straddle)	187	SU	--	44.41	42.90	38.020	37.999
			106	53	22.26	20.94	18.103	18.156
				54	21.70	21.50	18.283	18.704
				56	20.94	21.12	17.997	18.044
	6965	203	SU	--	44.49	43.89	37.998	38.019
			106	53	22.24	21.66	18.098	18.000
				54	21.56	21.38	18.636	18.703
				56	20.91	20.93	18.032	18.026
	7085	227	SU	--	42.87	44.73	38.050	38.040
			106	53	21.33	21.58	18.041	18.013
				54	21.01	21.70	18.481	18.716
				56	20.91	21.84	18.038	18.006
80MHz	6945	199	SU	--	84.42	85.78	77.815	77.639
			52+26	71	19.71	19.49	17.292	17.207
				74	18.91	19.56	17.111	17.305
				80	19.85	18.97	17.123	16.259
	7025	215	SU	--	84.51	82.38	77.792	77.493
			52+26	71	19.20	20.05	17.253	17.160
				74	19.92	19.22	17.336	17.363
				80	20.21	19.18	17.248	17.270
160MHz	6985	207	SU	--	164.30	164.60	156.570	156.550
			52	37	21.29	20.53	18.492	18.323
				52	20.99	20.80	18.413	18.197
				S52	21.29	22.60	18.641	19.034



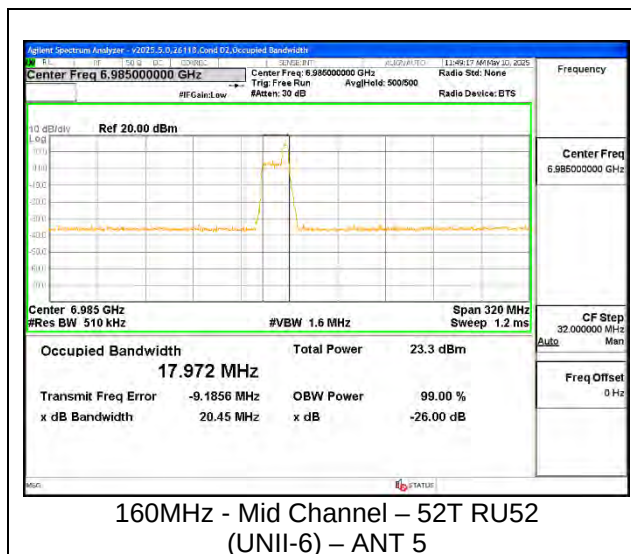
9.2.12. 802.11a MIMO MODE IN THE UNII-8 BAND

UNII-8 (MIMO)	Frequency (MHz)	Channel Number	Mode	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
				ANT 6	ANT 5	ANT 6	ANT 5
20MHz	7115	233	11a	22.19	21.85	17.894	17.840



9.2.13. 802.11be MIMO CDD MODE IN THE UNII-8 BAND

UNII-8 (MIMO CDD)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20MHz	6895	189	SU	--	22.15	22.37	19.019	19.001
			106	53	21.55	20.90	18.270	18.147
				54	20.97	20.78	18.175	18.178
	6995	209	SU	--	22.46	22.22	18.987	19.019
			106	53	21.75	21.10	18.231	18.104
				54	21.10	20.55	18.184	18.135
	7095	229	SU	--	22.35	22.10	18.987	18.991
			106	53	21.90	20.87	18.230	18.161
				54	20.89	20.72	18.216	18.181
40MHz	6885 (Straddle)	187	SU	--	43.76	42.90	37.983	37.980
			106	53	21.74	20.81	18.167	17.916
				54	21.83	21.22	18.737	18.592
				56	21.35	20.72	18.058	17.963
	6965	203	SU	--	43.41	43.86	38.023	38.051
			106	53	21.85	21.06	17.997	17.983
				54	21.54	21.31	18.547	18.520
				56	20.75	21.03	17.497	18.064
	7085	227	SU	--	44.04	42.86	38.032	37.974
			106	53	22.06	20.77	18.134	17.961
				54	21.18	20.82	18.653	18.509
				56	21.15	20.44	18.064	17.971
80MHz	6945	199	SU	--	84.70	83.53	77.438	77.349
			106+26	82	22.08	20.75	17.985	17.977
				85	21.04	20.54	18.068	17.872
				89	21.44	20.66	17.955	17.935
	7025	215	SU	--	84.82	83.91	77.550	77.449
			106+26	82	21.65	21.09	18.025	17.860
				85	21.57	20.70	17.992	17.470
				89	21.29	20.96	18.069	17.890
160MHz	6985	207	SU	--	163.60	164.10	155.960	156.190
			52	37	21.01	20.45	18.445	18.176
				52	20.76	20.45	18.487	17.972
				S52	21.08	20.73	18.693	18.232



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

UNII-8 (MIMO CDD)	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	21.58	18.988	19.066
			106	53	21.60	20.91	18.222	18.147
				54	21.03	20.85	18.178	18.066
	6995	209	SU	--	22.46	22.11	19.018	19.035
			106	53	21.50	21.01	18.229	18.052
				54	21.48	20.58	18.088	18.108
	7095	229	SU	--	22.32	21.97	19.037	19.012
			106	53	21.49	20.87	18.246	17.907
				54	20.91	20.49	18.219	18.069
40 MHz	6885 (Straddle)	187	SU	--	42.75	42.91	37.920	37.932
			106	53	21.24	20.23	17.980	17.880
				54	21.51	21.65	18.626	18.503
				56	22.07	21.02	18.055	17.899
	6965	203	SU	--	42.88	43.49	38.019	37.954
			106	53	20.95	20.83	17.982	17.940
				54	22.18	21.74	18.740	18.462
				56	21.99	20.58	18.107	17.880
	7085	227	SU	--	43.39	42.46	38.029	38.068
			106	53	21.93	20.58	17.900	17.886
				54	22.07	21.18	18.714	18.490
				56	21.54	21.47	18.233	17.859
80 MHz	6945	199	SU	--	84.63	83.43	77.449	77.404
			106+26	82	22.13	21.47	18.215	18.007
				85	21.57	20.88	18.205	18.159
				89	21.65	20.78	18.061	18.053
	7025	215	SU	--	83.79	83.70	77.418	77.426
			106+26	82	22.61	21.33	18.040	17.996
				85	20.59	20.66	18.096	18.020
				89	21.80	20.85	18.085	17.979
160 MHz	6985	207	SU	--	163.60	164.60	156.110	156.340
			52	37	21.56	20.92	18.562	18.198
				52	20.73	20.57	18.549	18.279
				S52	20.33	20.44	17.757	18.284

9.3. SP 26 dB AND 99% BANDWIDTH

LIMITS

None; for reporting purposes only.

PROCEDURE

ANSI C63.10

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

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

RESULTS

ID:	111899/32181
Date:	2025-04-05 – 2025-06-25

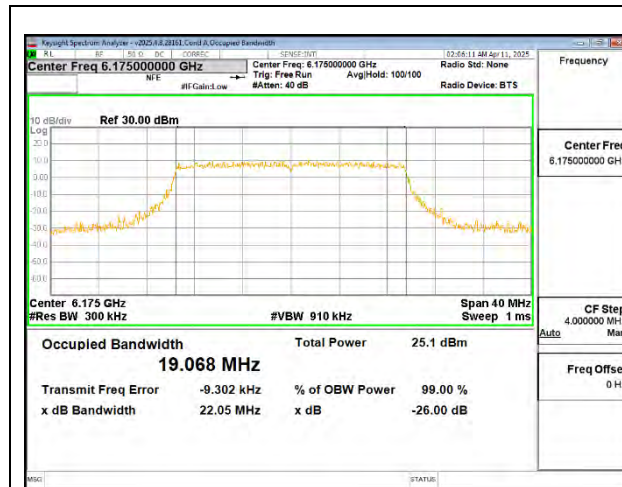
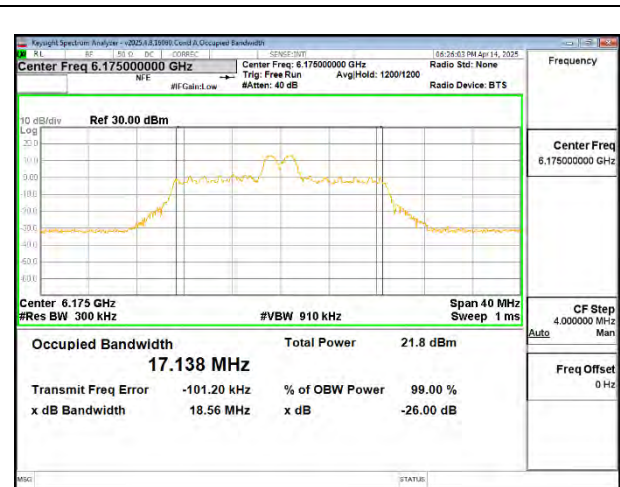
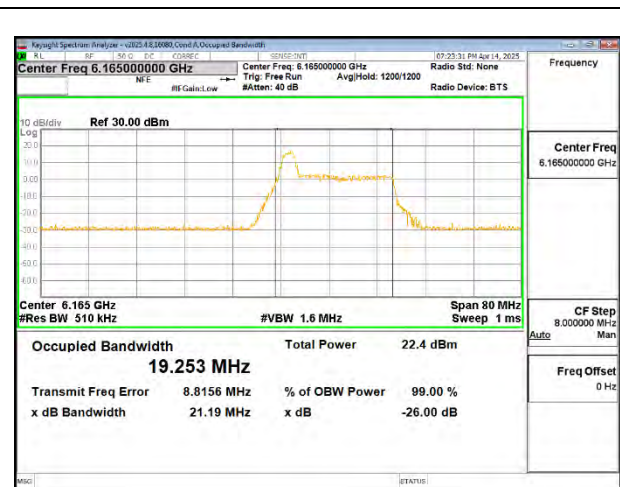
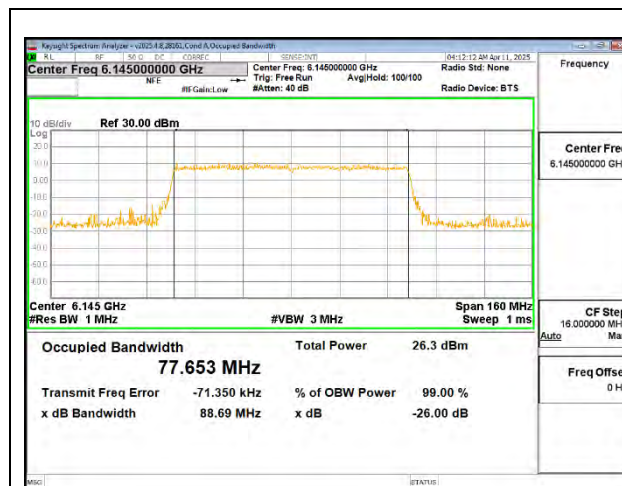
For mask and bandwidth measurements partial RU allocations are tested with the RUs allocated at the lower and upper positions within the channel for the low mid and high channels in each band. Additionally, the center channel is also tested with the RU allocated in the center of the channel to verify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

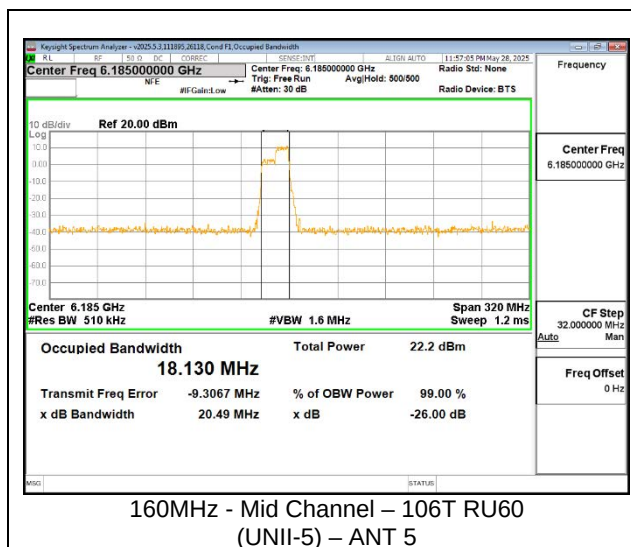
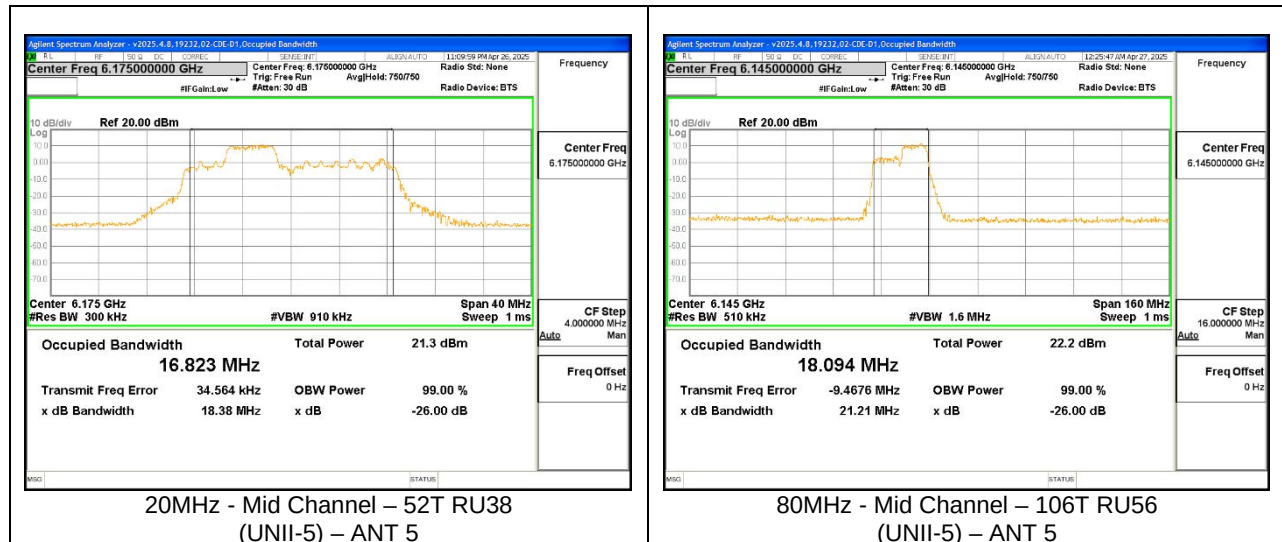
9.3.1. 802.11be SISO MODE IN THE UNII-5 BAND

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	--	22.90	22.75	19.037	19.033
			26	0	20.59	20.74	18.578	18.613
				4	18.23	18.47	16.900	17.120
				8	20.58	20.76	18.560	18.741
	6175	45	SU	--	22.05	22.21	19.068	19.114
			26	0	20.74	20.76	18.591	18.627
				4	18.56	18.37	17.138	17.046
				8	20.78	20.74	18.756	17.760
	6415	93	SU	--	22.79	22.89	19.036	19.081
			26	0	20.93	20.85	18.895	18.725
				4	18.71	18.54	17.225	17.136
				8	20.66	20.72	18.881	18.746
40 MHz	5965	3	SU	--	43.49	43.55	38.127	38.050
			26	0	20.34	20.62	18.466	18.715
				9	21.06	20.77	19.099	19.230
				17	20.86	20.96	18.749	18.735
	6165	43	SU	--	44.17	43.59	37.920	38.066
			26	0	20.47	20.43	18.595	18.546
				9	21.19	20.92	19.253	19.009
				17	20.59	20.98	18.707	18.704
	6405	91	SU	--	43.37	46.05	38.053	37.990
			26	0	20.83	20.35	19.100	18.578
				9	20.92	21.35	19.540	19.238
				17	20.83	20.85	18.948	18.719
80MHz	5985	7	SU	--	87.77	82.01	77.427	77.542
			26	0	21.03	20.80	18.783	18.754
				17	20.41	21.11	18.673	18.921
				36	21.27	21.43	18.920	18.857
	6145	39	SU	--	88.69	82.30	77.653	77.607
			26	0	21.38	21.27	18.787	18.697
				17	20.84	20.58	18.638	18.684
				36	20.58	21.36	18.801	18.917
	6385	87	SU	--	88.85	81.72	77.601	77.646
			26	0	21.12	20.93	18.711	18.749
				17	20.85	20.71	18.749	18.622
				36	21.45	20.62	18.856	18.757
160MHz	6025	15	SU	--	163.40	165.40	156.360	156.430
			26	0	21.05	20.10	18.619	18.553
				36	20.38	20.82	18.630	18.551
				S36	20.59	21.01	18.542	18.745
	6185	47	SU	--	164.00	165.80	156.440	156.370
			26	0	20.31	20.91	18.558	18.556
				36	20.75	20.81	18.673	18.783
				S36	20.76	20.60	18.766	18.618
	6345	79	SU	--	164.20	163.60	156.520	156.610
			26	0	20.78	21.16	18.917	18.926
				36	21.06	20.99	18.540	18.775
				S36	20.38	21.02	18.820	18.769

20MHz - Mid Channel – SU
(UNII-5) – ANT 620MHz - Mid Channel – 26T RU4
(UNII-5) – ANT 640MHz - Mid Channel – SU
(UNII-5) – ANT 640MHz - Mid Channel – 26T RU9
(UNII-5) – ANT 680MHz - Mid Channel – SU
(UNII-5) – ANT 680MHz - Mid Channel – 26T RU17
(UNII-5) – ANT 6

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

UNII-5 (MIMO CDD)	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	--	22.74	21.84	19.032	19.086
			52	37	21.24	20.41	18.459	18.234
				38	18.80	18.42	16.910	16.825
				40	20.61	20.39	18.208	18.241
	6175	45	SU	--	22.68	21.61	19.040	19.061
			52	37	21.30	20.39	18.379	18.238
				38	19.03	18.38	16.859	16.823
				40	20.82	20.44	18.238	18.244
	6415	93	SU	--	22.46	22.53	19.026	19.080
			52	37	21.26	20.41	18.331	18.159
				38	18.96	18.31	17.005	16.682
				40	20.89	20.31	18.332	18.227
40 MHz	5965	3	SU	--	42.78	42.41	37.987	37.927
			26	0	20.67	20.42	18.494	18.446
				9	20.99	20.83	19.124	18.952
				17	20.95	20.85	18.739	18.480
	6165	43	SU	--	43.13	42.94	37.974	38.093
			26	0	20.77	20.48	18.450	18.432
				9	21.28	20.92	19.179	19.019
				17	20.83	20.59	18.701	18.512
	6405	91	SU	--	43.98	42.49	38.036	37.963
			26	0	20.44	20.18	18.791	18.433
				9	20.85	20.31	19.130	19.027
				17	21.01	20.54	18.734	18.423
80 MHz	5985	7	SU	--	83.94	84.35	77.529	77.563
			106	53	22.02	20.67	18.080	18.056
				56	21.09	20.78	17.937	17.963
				60	21.17	20.63	18.167	17.894
	6145	39	SU	--	84.34	84.27	77.692	77.542
			106	53	21.90	21.39	18.140	17.875
				56	21.50	21.21	18.096	18.094
				60	20.62	20.45	18.138	18.068
	6385	87	SU	--	83.93	84.03	77.482	77.611
			106	53	22.21	21.23	18.225	18.027
				56	21.00	21.12	18.269	18.006
				60	21.49	20.89	18.028	18.007
160 MHz	6025	15	SU	--	163.90	163.30	156.370	156.180
			106	53	22.26	20.66	18.318	17.982
				60	21.47	20.95	18.241	18.082
				S60	20.90	20.73	18.295	18.077
	6185	47	SU	--	164.10	163.60	156.460	156.880
			106	53	21.76	21.10	18.142	18.092
				60	21.10	20.49	18.096	18.130
				S60	21.20	20.54	18.020	18.026
	6345	79	SU	--	164.00	163.90	156.190	156.250
			106	53	22.46	21.51	18.219	17.959
				60	21.37	20.79	18.153	18.143
				S60	21.33	20.45	18.668	18.010



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

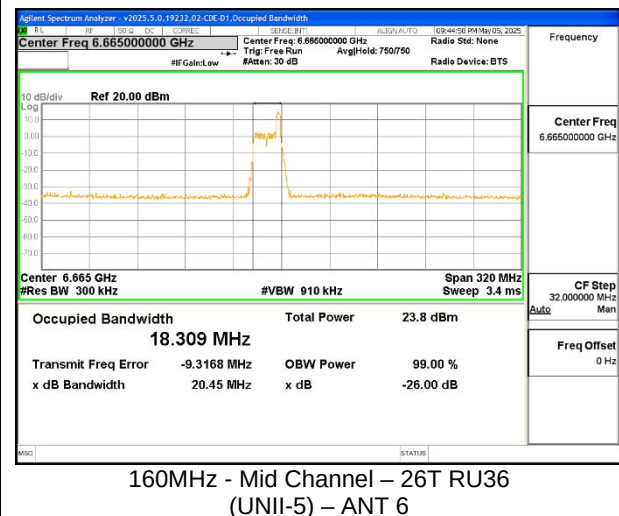
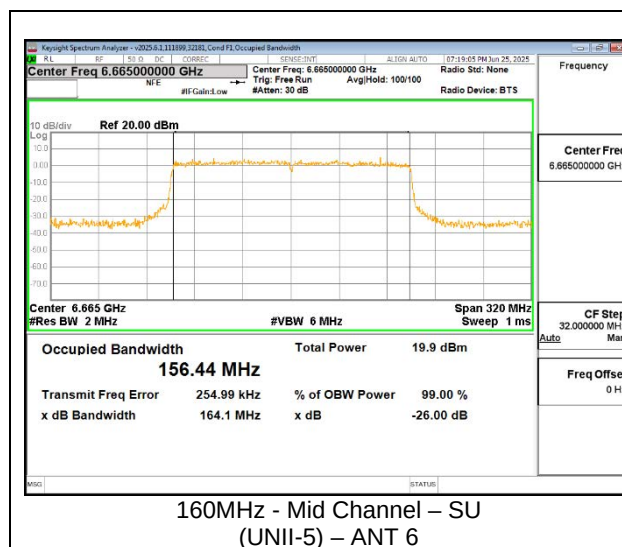
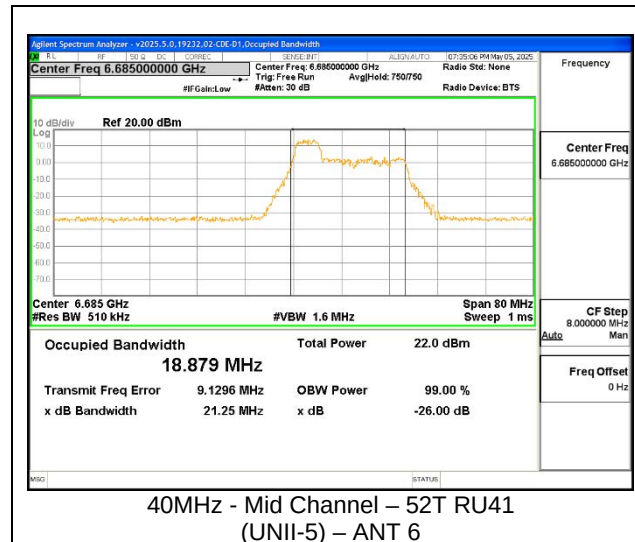
UNII-5 (MIMO SDM)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					ANT 6	ANT 5	ANT 6	ANT 5
20 MHz	5955	1	SU	--	22.52	21.98	18.999	18.996
			52	37	20.77	20.57	18.333	18.310
				38	18.96	17.36	17.018	16.139
				40	20.76	20.40	18.171	18.166
	6175	45	SU	--	22.61	22.13	19.021	18.997
			52	37	21.22	20.09	18.468	18.171
				38	18.57	18.15	16.958	16.803
				40	20.51	20.27	18.243	18.151
	6415	93	SU	--	22.14	21.93	19.053	19.038
			52	37	21.32	20.54	18.409	18.354
				38	19.46	18.48	17.202	18.480
				40	20.91	20.71	18.533	18.370
40 MHz	5965	3	SU	--	43.29	43.24	37.949	38.000
			26	0	20.38	20.05	19.601	18.609
				9	21.18	21.08	19.190	19.097
				17	20.75	20.96	18.720	18.521
	6165	43	SU	--	42.74	42.83	38.037	37.889
			26	0	20.70	20.45	18.489	18.584
				9	21.25	20.83	19.052	19.106
				17	20.45	20.87	18.654	18.579
	6405	91	SU	--	43.14	43.25	37.959	37.963
			26	0	20.68	20.39	18.533	18.507
				9	21.04	20.58	19.243	19.094
				17	20.97	20.43	18.662	18.546
80 MHz	5985	7	SU	--	82.06	81.89	77.444	77.260
			106	53	22.04	21.18	18.096	17.973
				56	21.28	20.88	18.128	17.973
				60	21.46	20.71	18.006	18.078
	6145	39	SU	--	81.67	81.88	77.376	77.439
			106	53	21.48	20.96	18.166	17.984
				56	21.51	21.11	18.077	18.001
				60	21.48	20.98	18.066	17.940
	6385	87	SU	--	82.05	81.71	77.433	77.471
			106	53	21.58	21.04	18.117	18.012
				56	21.07	20.93	18.130	17.945
				60	21.34	20.86	18.141	18.021
160 MHz	6025	15	SU	--	165.60	164.50	156.670	156.720
			106	53	22.52	21.11	18.259	18.097
				60	20.80	20.79	18.007	17.980
				S60	21.50	21.10	18.417	18.209
	6185	47	SU	--	164.00	163.70	156.430	156.520
			106	53	21.58	21.37	18.152	18.146
				60	21.69	21.23	18.075	18.155
				S60	21.76	21.36	18.143	18.179
	6345	79	SU	--	165.80	166.00	156.600	156.500
			106	53	22.59	21.37	17.802	18.141
				60	21.56	20.81	18.218	18.327
				S60	21.55	21.18	18.298	18.049

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

UNII-7 (SISO)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					ANT 6	ANT 5	ANT 6	ANT 5
20MHz	6535	117	SU	--	22.74	22.99	19.082	18.981
			26	0	20.62	20.70	18.557	18.656
				4	18.13	18.21	16.821	16.798
				8	20.71	20.46	18.521	18.488
	6715	153	SU	--	22.72	22.39	19.068	18.979
			26	0	20.58	20.53	18.672	18.550
				4	18.28	18.19	16.809	16.850
				8	20.48	20.56	18.431	18.438
	6855	181	SU	--	22.72	22.66	19.050	19.052
			26	0	20.53	20.51	18.599	18.600
				4	18.17	18.17	16.914	16.890
				8	20.50	20.52	18.518	18.564
40MHz	6565	123	SU	--	44.48	43.05	38.092	38.031
			26	0	20.62	20.76	18.697	18.587
				9	21.16	21.02	19.117	19.201
				17	20.64	20.77	18.622	18.917
	6685	147	SU	--	44.42	43.48	38.052	37.995
			26	0	20.70	21.29	18.661	18.631
				9	21.26	21.11	19.129	19.139
				17	20.35	20.46	18.655	18.619
	6845	179	SU	--	44.11	43.98	38.067	37.940
			26	0	20.54	20.83	18.704	18.608
				9	20.97	21.35	19.160	19.227
				17	20.37	20.43	18.624	18.625
80MHz	6625	135	SU	--	85.47	84.29	77.726	77.554
			26	0	21.05	20.97	18.648	18.830
				17	20.31	20.19	18.703	18.652
				36	20.48	20.34	18.890	18.606
	6705	151	SU	--	85.03	84.41	77.631	77.498
			26	0	20.82	20.58	18.601	18.751
				17	20.44	20.43	18.784	18.771
				36	20.80	20.38	18.839	18.770
	6785	167	SU	--	84.40	83.94	77.657	77.554
			26	0	21.40	20.53	18.802	18.875
				17	20.67	20.66	18.648	18.700
				36	20.73	20.57	18.826	18.837
160MHz	6665	143	SU	--	164.60	163.60	156.720	156.210
			26	0	20.94	20.77	18.713	18.686
				36	20.73	20.61	18.785	18.809
				S36	20.62	20.96	18.833	18.918

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

UNII-7 (MIMO CDD)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					ANT 6	ANT 5	ANT 6	ANT 5
20MHz	6535	117	SU	--	22.82	22.11	19.040	18.989
			52	37	20.93	20.45	18.308	18.229
				38	18.87	18.45	16.926	16.771
				40	20.66	20.32	18.279	18.223
	6715	153	SU	--	22.95	22.09	18.972	19.021
			52	37	21.26	20.64	18.332	18.218
				38	18.67	18.22	16.954	16.809
				40	20.62	20.23	18.378	18.190
	6855	181	SU	--	22.93	21.97	19.007	19.061
			52	37	21.22	20.33	18.387	18.095
				38	18.95	18.29	16.910	16.748
				40	20.98	20.37	18.328	17.936
40MHz	6565	123	SU	--	43.02	42.75	38.045	38.028
			52	37	20.97	21.04	18.404	18.128
				41	21.40	21.46	18.852	18.823
				44	20.70	20.51	18.309	18.238
	6685	147	SU	--	43.17	42.69	37.936	38.061
			52	37	21.49	20.88	18.448	18.210
				41	21.25	21.01	18.879	18.714
				44	20.67	20.81	18.426	18.262
	6845	179	SU	--	43.17	42.35	38.033	37.974
			52	37	21.42	20.95	18.314	18.151
				41	21.48	20.99	18.820	18.689
				44	20.93	20.47	18.397	18.243
80MHz	6625	135	SU	--	87.25	87.46	77.746	77.444
			26	0	20.98	20.67	18.663	18.537
				17	19.76	20.63	17.994	18.894
				36	20.50	20.83	18.589	18.674
	6705	151	SU	--	87.62	81.78	77.691	77.384
			26	0	20.83	20.40	18.574	18.242
				17	20.34	20.83	18.748	18.564
				36	20.51	20.85	18.695	18.564
	6785	167	SU	--	83.68	81.34	77.750	77.429
			26	0	20.57	20.97	18.644	18.637
				17	20.87	20.37	18.897	18.712
				36	20.51	20.17	18.773	18.432
160MHz	6665	143	SU	--	164.10	164.60	156.440	156.550
			26	0	20.35	20.36	18.566	18.616
				36	20.45	20.50	18.309	18.443
				S36	20.56	20.37	18.547	18.297



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

UNII-7 (MIMO SDM)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					ANT 6	ANT 5	ANT 6	ANT 5
20MHz	6535	117	SU	--	22.09	22.34	19.007	18.944
			52	37	21.20	20.42	18.299	18.139
				38	18.82	18.21	16.909	16.824
				40	20.52	20.62	18.305	18.219
	6715	153	SU	--	22.61	21.81	19.016	18.975
			52	37	20.62	20.55	18.333	18.177
				38	18.78	18.42	16.928	16.892
				40	20.61	20.32	18.193	17.998
	6855	181	SU	--	22.90	22.37	19.021	18.993
			52	37	21.19	20.53	18.365	18.211
				38	18.50	18.25	16.882	16.865
				40	20.77	20.28	18.157	18.140
40MHz	6565	123	SU	--	42.98	42.22	37.943	38.015
			52	37	21.09	20.31	18.134	18.107
				40	22.13	21.26	18.819	18.677
				44	20.59	20.64	18.342	18.144
	6685	147	SU	--	43.08	42.72	37.957	37.871
			52	37	21.80	19.81	18.441	17.673
				40	21.21	21.34	18.832	18.737
				44	20.95	20.77	18.332	18.142
	6845	179	SU	--	42.93	42.75	37.935	37.955
			52	37	20.98	20.98	18.297	18.155
				40	21.45	21.25	18.820	18.697
				44	20.60	20.63	18.551	18.243
80MHz	6625	135	SU	--	81.64	81.54	77.427	77.436
			26	0	20.38	20.08	18.526	18.286
				17	20.65	20.16	18.514	18.262
				36	20.35	20.09	18.318	18.387
	6705	151	SU	--	81.55	81.68	77.490	77.411
			26	0	20.62	20.73	18.529	18.595
				17	20.13	20.90	18.550	18.487
				36	21.22	20.63	18.817	18.797
	6785	167	SU	--	81.85	81.91	77.421	77.451
			26	0	20.63	20.52	18.510	18.456
				17	20.74	19.96	18.383	18.333
				36	21.67	20.04	18.918	18.460
160MHz	6665	143	SU	--	164.10	165.80	156.600	156.570
			26	0	20.37	20.28	18.531	18.450
				36	20.86	20.40	18.777	18.497
				S36	20.65	20.53	18.580	18.541

9.4. VLP 26 dB AND 99% BANDWIDTH

LIMITS

None; for reporting purposes only.

PROCEDURE

ANSI C63.10

Band	Tones	*20MHz (RBW/VBW)	*40MHz (RBW/VBW)	*80MHz (RBW/VBW)	*160MHz (RBW/VBW)
UNII-5/6/7/8	Partial RU	RU 52T: 300kHz/910kHz RU 106T: 300kHz/910kHz MRU 106+26T: 300kHz/910kHz	RU 52T: 510kHz/1.6MHz RU 106T: 510kHz/1.6MHz MRU 106+26T: 510kHz/1.6MHz RU 242T: 510kHz/1.6MHz	RU 106T: 510kHz/1.6MHz MRU 106+26T: 510kHz/1.6MHz RU 242T: 510kHz/1.6MHz RU 484T: 510kHz/1.6MHz MRU 484+242T: 1MHz/3MHz	MRU 52+26T: 510kHz/1.6MHz RU106T: 510kHz/1.6MHz MRU 106+26T: 510kHz/1.6MHz RU 242T: 510kHz/1.6MHz RU 996T: 1MHz/3MHz MRU 996+484T: 2MHz/6MHz
	SU	300kHz/910kHz	510kHz/1.6MHz	1MHz/3MHz	2MHz/6MHz

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

RESULTS

ID:	106046/26118
Date:	2025-05-12 – 2025-07-11

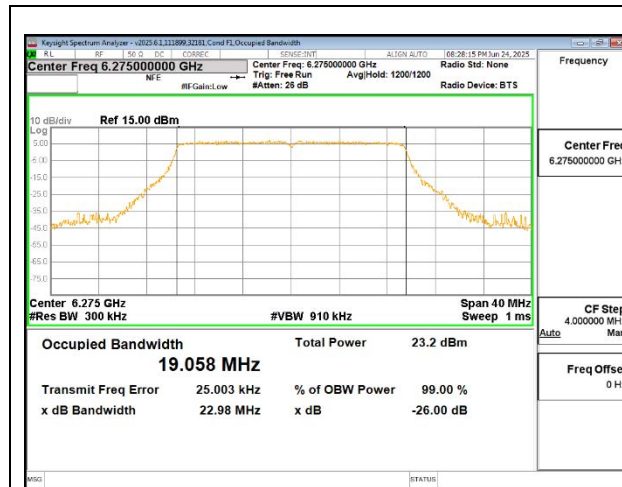
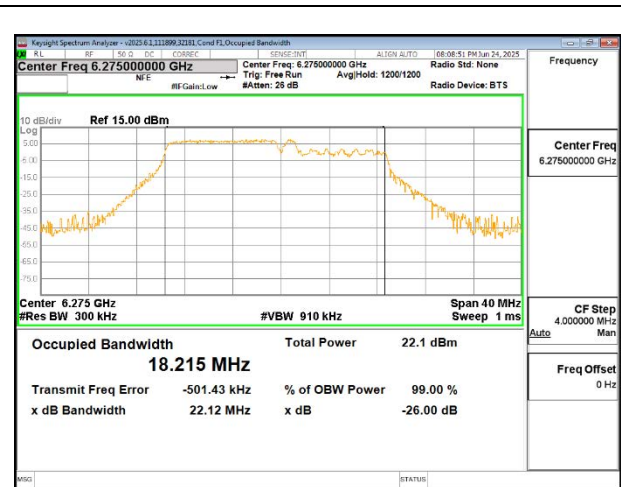
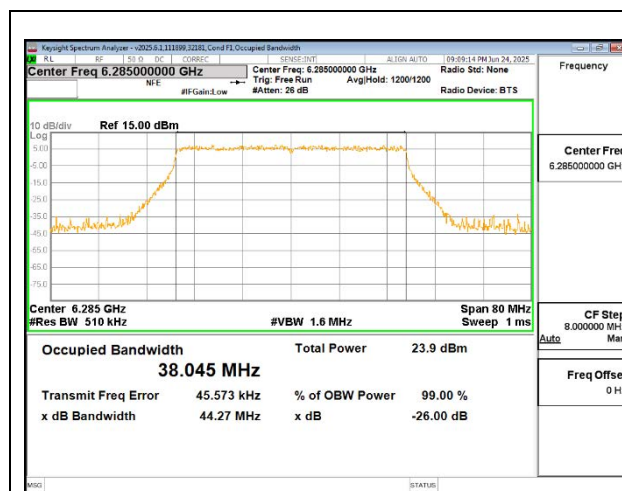
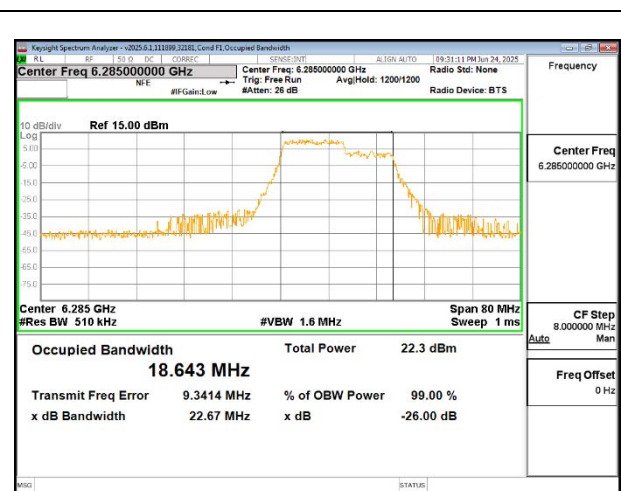
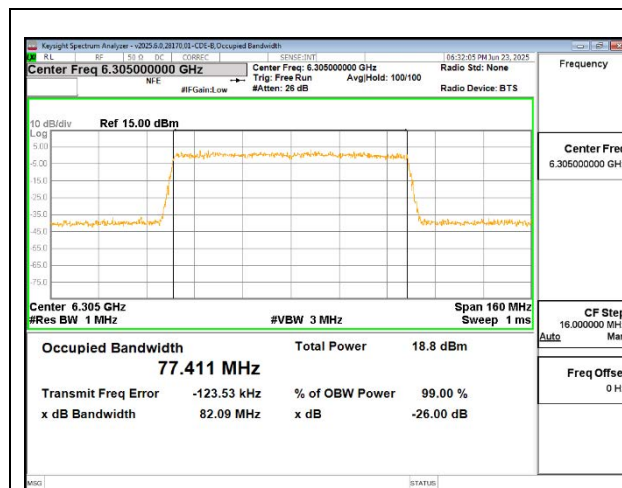
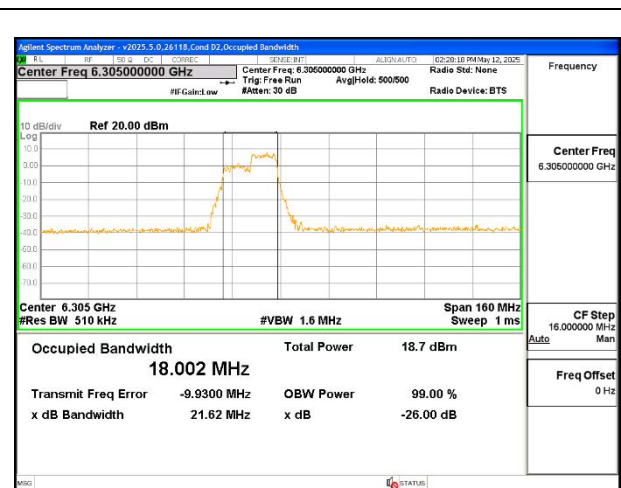
For mask and bandwidth measurements partial RU allocations are tested with the RUs allocated at the lower and upper positions within the channel for the low mid and high channels in each band. Additionally, the center channel is also tested with the RU allocated in the center of the channel to verify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

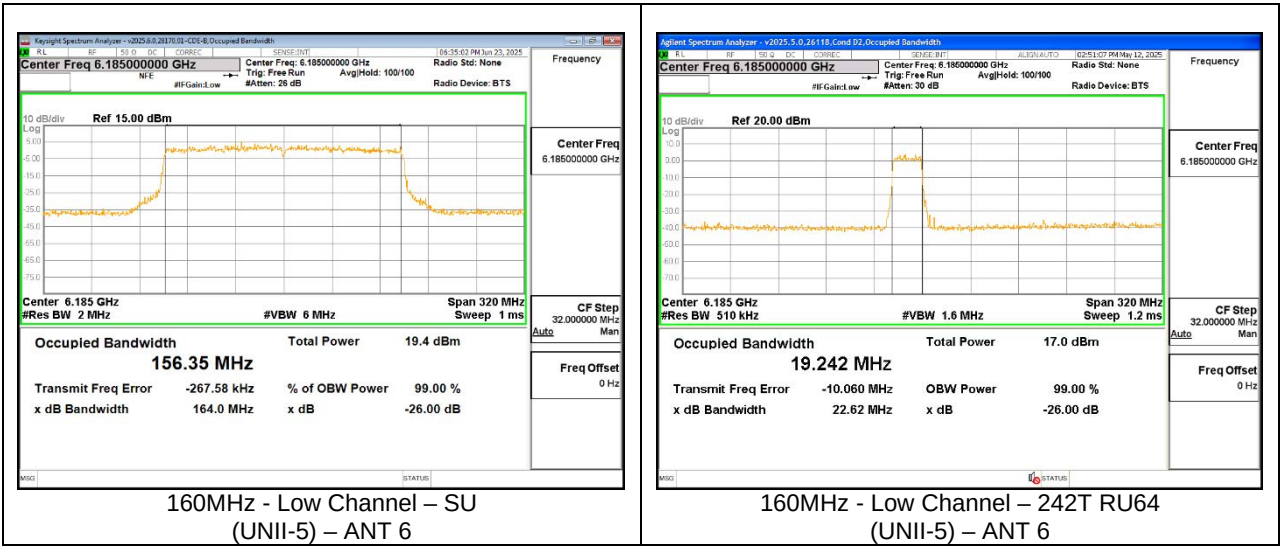
Plots included in the report are representative of the method and settings parameters used for the test.

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

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

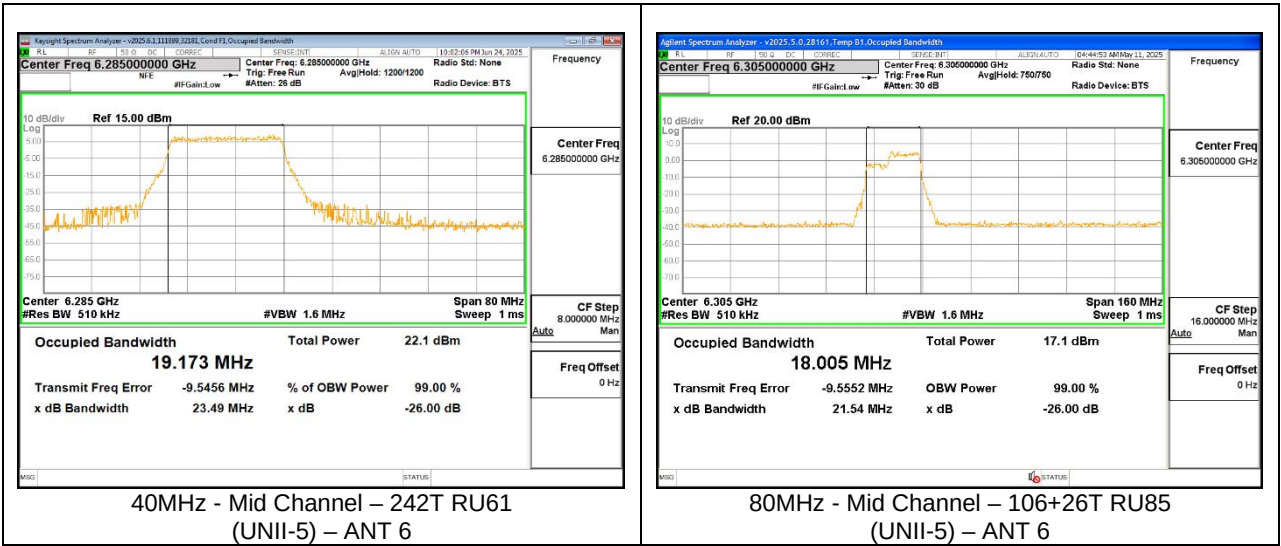
UNII-5 (SISO)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					ANT 6	ANT 5	ANT 6	ANT 5
20 MHz	6115	33	SU	--	22.58	22.29	19.034	19.029
			106+26	82	21.64	21.55	18.135	18.239
				83	21.43	21.03	18.116	18.163
	6275	65	SU	--	22.98	23.25	19.058	19.080
			106+26	82	22.12	21.95	18.215	18.242
				83	21.18	21.07	18.156	18.177
	6415	93	SU	--	22.28	22.14	19.048	18.995
			106+26	82	21.85	22.21	18.224	18.229
				83	21.27	20.99	18.124	18.153
40 MHz	6125	35	SU	--	43.18	42.85	37.936	37.913
			106+26	82	22.04	22.04	18.055	18.023
				84	22.08	22.49	18.666	18.618
				85	21.11	21.29	18.049	17.967
	6285	67	SU	--	44.27	44.11	38.045	38.020
			106+26	82	22.32	22.29	18.036	18.079
				84	22.67	22.47	18.643	18.594
				85	21.96	21.72	18.062	18.044
	6405	91	SU	--	43.48	43.26	37.982	38.061
			106+26	82	22.00	22.75	17.965	18.020
				84	22.52	22.41	18.656	18.633
				85	21.17	21.30	17.982	18.035
80 MHz	6145	39	SU	--	82.06	82.05	77.487	77.480
			106	53	21.87	22.68	18.001	18.099
				56	21.12	20.98	17.792	18.054
				60	23.05	21.78	18.452	18.160
	6305	71	SU	--	82.09	82.21	77.411	77.440
			106	53	21.43	21.44	18.064	18.219
				56	21.62	21.28	18.002	18.090
				60	21.54	21.25	18.366	18.124
	6385	87	SU	--	81.64	81.82	77.506	77.435
			106	53	21.77	22.23	18.184	18.003
				56	22.01	21.05	17.891	18.345
				60	21.82	21.41	18.257	18.100
160 MHz	6185	47	SU	--	164.00	164.60	156.350	156.460
			242	61	23.71	24.04	19.362	19.552
				64	22.62	23.13	19.242	19.513
				S64	22.69	24.20	19.158	19.310
	6345	79	SU	--	163.90	166.40	156.200	156.540
			242	61	22.88	23.51	19.281	19.495
				64	22.51	23.06	19.274	19.408
				S64	23.09	23.42	19.300	19.397

20MHz - Mid Channel – SU
(UNII-5) – ANT 620MHz - Mid Channel – 106+26T RU82
(UNII-5) – ANT 640MHz - Mid Channel – SU
(UNII-5) – ANT 640MHz - Mid Channel – 106+26T RU84
(UNII-5) – ANT 680MHz - Mid Channel – SU
(UNII-5) – ANT 680MHz - Mid Channel – 106T RU56
(UNII-5) – ANT 6



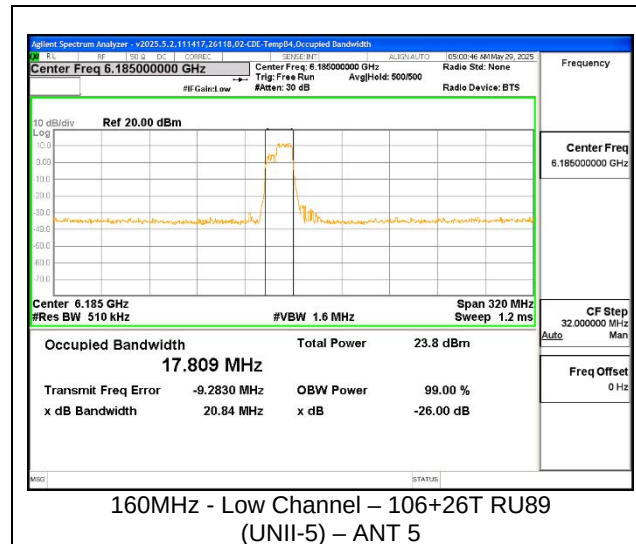
9.4.2. 802.11be MIMO CDD MODE IN THE UNII-5 BAND

UNII-5 (MIMO CDD)	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	--	22.74	22.12	18.988	19.016
			106+26	82	21.81	20.78	18.177	18.145
				83	21.55	20.47	18.073	18.070
	6275	65	SU	--	22.53	23.10	19.034	19.062
			106+26	82	22.19	20.78	18.231	18.122
				83	21.54	20.49	18.195	18.096
	6415	93	SU	--	22.72	21.96	19.055	19.002
			106+26	82	21.82	20.55	18.062	18.055
				83	21.04	20.46	18.095	18.096
40 MHz	6125	35	SU	--	42.81	43.34	38.006	37.920
			242	61	22.38	23.19	18.984	19.050
				62	22.92	23.04	18.988	19.028
	6285	67	SU	--	44.04	43.32	38.024	37.984
			242	61	23.49	23.29	19.173	19.115
				62	23.30	23.30	19.164	19.122
	6405	91	SU	--	42.64	42.69	37.890	38.023
			242	61	22.87	22.82	19.060	19.034
				62	22.95	23.43	19.053	19.076
80 MHz	6145	39	SU	--	84.98	83.93	77.558	77.565
			106+26	82	21.83	20.94	17.974	17.915
				85	20.84	20.97	17.996	17.979
				89	21.11	20.76	18.215	17.983
	6305	71	SU	--	84.80	85.29	77.692	77.398
			106+26	82	22.11	21.39	18.143	18.006
				85	21.54	21.32	18.005	17.717
				89	212.54	21.35	18.136	17.974
	6385	87	SU	--	84.89	83.81	77.593	77.600
			106+26	82	21.98	21.53	18.110	17.880
				85	21.51	20.74	18.028	18.061
89				21.64	20.86	18.095	17.978	
160 MHz	6185	47	SU	--	163.50	163.70	156.310	156.080
			106+26	82	22.80	21.50	18.955	18.194
				89	22.53	21.03	18.728	18.114
				S89	22.39	20.44	18.570	18.002
	6345	79	SU	--	164.20	163.50	156.260	156.040
			106+26	82	22.34	21.41	19.051	18.015
				89	21.96	20.79	18.603	18.006
				S89	22.11	21.32	18.386	18.080



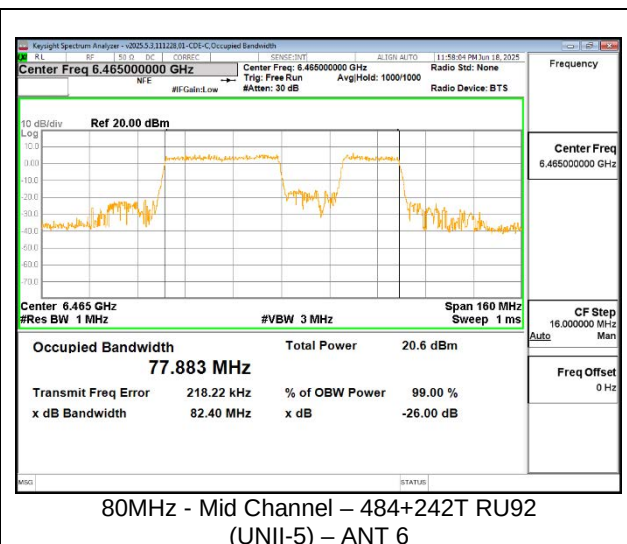
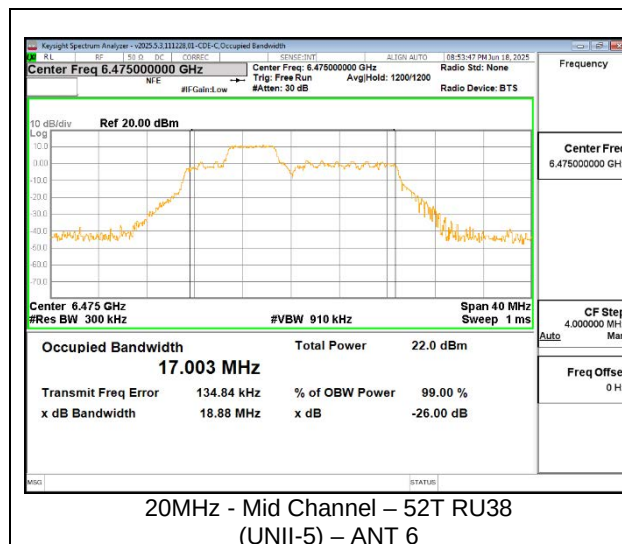
9.4.3. 802.11be MIMO SDM MODE IN THE UNII-5 BAND

UNII-5 (MIMO SDM)	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	--	22.21	22.54	19.066	19.005
			106+26	82	21.66	21.01	18.256	18.127
				83	21.55	20.59	18.164	18.075
	6275	65	SU	--	23.01	22.41	19.076	19.024
			106+26	82	22.01	20.94	18.215	18.131
				83	21.30	20.74	18.183	18.073
	6415	93	SU	--	22.32	21.90	18.963	19.027
			106+26	82	21.92	21.00	18.219	18.106
				83	21.47	20.44	18.135	18.030
40 MHz	6125	35	SU	--	43.20	43.64	37.994	37.917
			242	61	23.86	23.29	19.118	19.081
				62	23.40	23.05	19.093	19.031
	6285	67	SU	--	44.05	43.88	38.021	38.031
			242	61	23.55	23.18	19.091	19.103
				62	23.25	23.21	19.014	19.027
	6405	91	SU	--	43.92	43.13	38.018	37.972
			242	61	22.65	23.26	19.028	19.065
				62	23.06	22.85	19.036	19.055
80 MHz	6145	39	SU	--	83.86	83.74	77.526	77.531
			106+26	82	21.82	21.63	18.052	17.998
				85	21.67	20.97	17.918	17.978
				89	21.55	20.82	18.053	17.935
	6305	71	SU	--	83.92	84.31	77.492	77.565
			106+26	82	22.03	21.47	18.071	18.071
				85	21.57	20.84	17.981	17.971
				89	21.51	20.74	18.117	18.160
	6385	87	SU	--	83.89	83.98	77.441	77.530
106+26			82	21.83	21.48	18.092	18.013	
			85	21.57	21.09	17.988	18.063	
			89	21.48	21.00	18.012	18.078	
160 MHz	6185	47	SU	--	164.40	163.90	156.470	156.490
			106+26	82	21.96	20.67	18.315	18.083
				89	22.23	20.84	18.118	17.809
				S89	21.32	21.01	18.211	18.082
	6345	79	SU	--	164.30	163.80	156.490	156.140
			106+26	82	22.41	21.02	17.935	18.138
				89	21.54	20.57	17.974	18.092
				S89	21.21	20.94	18.137	18.134



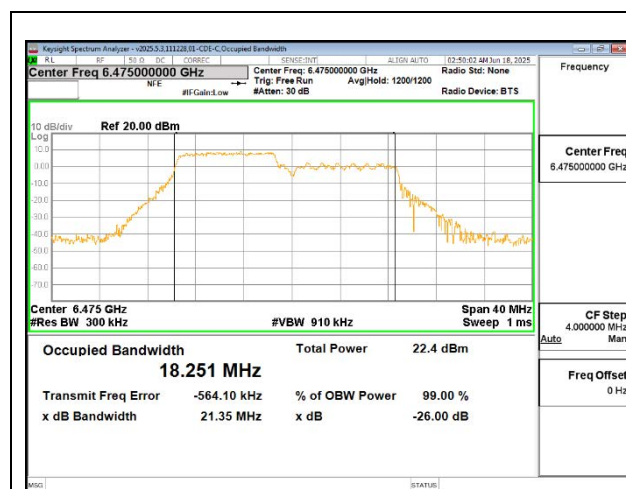
9.4.4. 802.11be SISO MODE IN THE UNII-6 BAND

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
20MHz	6435	97	SU	--	22.45	22.53	19.038	19.045
			52	37	21.25	21.34	18.356	18.445
				38	18.83	18.75	17.000	16.867
				40	20.88	20.90	18.347	18.296
	6475	105	SU	--	22.14	21.88	19.007	18.979
			52	37	21.33	21.16	18.451	18.436
				38	18.88	18.97	17.003	17.005
				40	20.74	20.90	18.302	18.303
	6515	113	SU	--	22.56	22.33	19.061	19.044
			52	37	21.45	20.73	18.387	18.387
				38	18.73	18.99	17.000	16.892
				40	20.69	20.74	18.296	18.264
40MHz	6445	99	SU	--	43.63	43.20	37.945	37.975
			242	61	23.55	23.62	19.155	19.081
				62	23.16	23.01	19.069	19.119
			SU	--	44.31	42.94	38.053	37.974
	6485	107	242	61	23.46	23.29	19.095	19.115
				62	23.15	23.30	19.230	19.070
			SU	--	42.63	43.85	37.935	37.966
				61	23.12	23.29	19.175	19.150
	6525 (Straddle)	115	242	62	23.50	23.29	19.105	19.146
			SU	--				
80MHz	6465	103	SU	--	81.92	81.26	77.374	77.339
			484+242	90	62.97	63.80	58.647	58.587
				92	82.40	82.23	77.883	77.845
				93	63.24	63.09	58.588	58.558
160MHz	6505 (Straddle)	111	SU	--	166.00	166.20	156.400	156.100
			52+26	71	20.05	19.95	17.377	17.365
				80	20.24	19.92	17.364	17.238
				S80	19.58	20.89	17.168	17.382

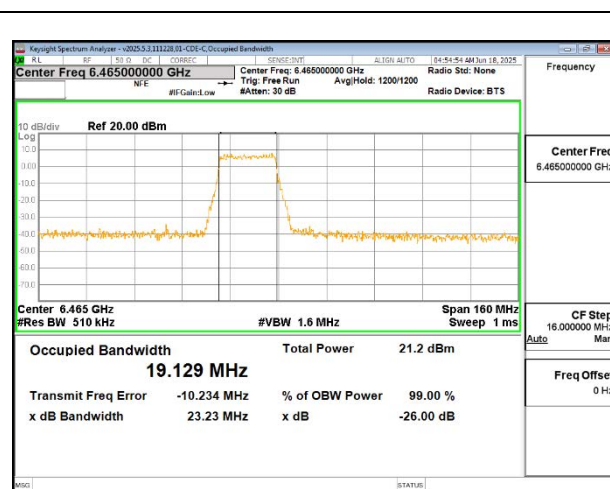


9.4.5. 802.11be MIMO CDD MODE IN THE UNII-6 BAND

UNII-6 (MIMO CDD)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					ANT 6	ANT 5	ANT 6	ANT 5
20MHz	6435	97	SU	--	22.15	22.37	19.057	19.032
			106	53	21.77	20.98	18.282	18.195
				54	20.87	20.47	18.238	18.128
	6475	105	SU	--	22.83	22.15	18.995	18.970
			106	53	21.35	20.49	18.251	18.072
				54	21.28	20.52	18.187	18.168
	6515	113	SU	--	22.65	22.35	19.040	19.005
			106	53	21.62	20.60	18.241	18.113
				54	20.86	20.50	18.200	18.156
40MHz	6445	99	SU	--	43.82	43.32	38.016	37.989
			242	61	23.33	23.02	19.095	19.119
				62	23.19	22.62	19.143	19.068
	6485	107	SU	--	44.41	42.25	38.051	37.835
			242	61	22.96	23.05	19.176	19.024
				62	23.19	22.91	19.052	19.047
	6525 (Straddle)	115	SU	--	43.40	41.55	37.984	37.966
			242	61	23.57	23.45	19.259	19.050
				62	23.59	22.84	19.136	19.051
80MHz	6465	103	SU	--	81.90	81.66	77.394	77.386
			242	61	23.61	23.48	19.200	19.138
				62	23.23	23.33	19.129	19.186
				64	23.96	23.25	19.172	19.191
160MHz	6505 (Straddle)	111	SU	--	164.30	163.70	156.420	156.590
			996+484	94	124.30	124.70	117.020	117.330
				95	168.50	168.80	157.160	157.220
				S95	124.60	124.30	117.050	117.360



20MHz - Mid Channel – 106T RU53
(UNII-5) – ANT 6



80MHz - Mid Channel – 242T RU62
(UNII-5) – ANT 6

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

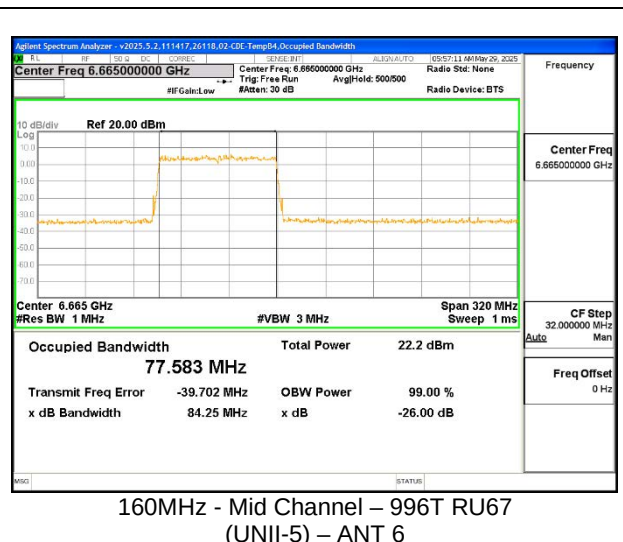
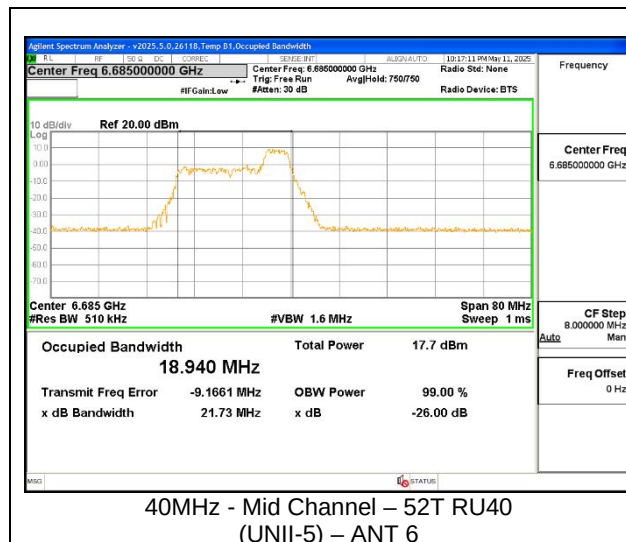
UNII-6 (MIMO SDM)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					ANT 6	ANT 5	ANT 6	ANT
20MHz	6435	97	SU	--	22.60	21.96	19.070	18.156
			106	53	21.81	20.86	18.291	18.154
				54	21.14	20.39	18.193	18.156
	6475	105	SU	--	22.59	22.27	18.969	18.050
			106	53	21.60	20.97	18.259	18.134
				54	21.14	20.51	18.121	18.050
	6515	113	SU	--	23.23	22.09	18.996	18.146
			106	53	22.27	20.84	18.290	18.124
				54	20.92	20.52	18.176	18.146
40MHz	6445	99	SU	--	43.85	43.23	37.917	38.014
			242	61	23.49	22.98	19.086	19.018
				62	23.23	23.35	19.060	19.123
	6485	107	SU	--	42.03	42.66	37.945	38.027
			242	61	23.89	23.28	19.107	19.113
				62	23.64	23.20	19.161	19.142
	6525 (Straddle)	115	SU	--	43.38	43.99	37.996	37.953
			242	61	23.30	23.17	19.071	19.040
				62	23.34	23.05	19.099	19.086
80MHz	6465	103	SU	--	81.90	81.60	77.405	77.399
			242	61	23.26	23.34	19.244	19.177
				62	23.54	23.08	19.235	19.076
				64	26.67	22.75	19.133	19.128
160MHz	6505 (Straddle)	111	SU	--	165.70	163.90	156.510	156.180
			996+484	94	124.80	124.90	117.200	117.300
				95	169.60	169.60	157.350	157.250
				S95	125.20	124.80	117.070	117.170

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

UNII-7 (SISO)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					ANT 6	ANT 5	ANT 6	ANT 5
20MHz	6535	117	SU	--	22.82	23.03	19.060	19.072
			106+26	82	21.87	22.33	18.223	18.249
				83	21.11	20.81	18.185	18.133
	6715	153	SU	--	23.03	22.07	19.087	19.046
			106+26	82	21.60	21.77	18.170	18.241
				83	21.18	21.00	18.171	18.195
	6875 (Straddle)	185	SU	--	22.75	23.25	19.041	19.027
			106+26	82	22.21	21.75	18.219	18.186
				83	21.18	21.40	18.150	18.165
40MHz	6565	123	SU	--	43.89	44.08	37.974	37.997
			106	53	21.99	22.41	18.126	18.151
				54	21.27	21.62	18.749	18.697
				56	21.05	21.22	18.100	18.126
	6685	147	SU	--	44.07	43.97	37.954	38.036
			106	53	21.41	21.89	18.135	18.082
				54	21.40	21.66	18.725	18.639
				56	20.97	21.27	18.047	18.115
	6845	179	SU	--	44.42	44.33	37.982	38.055
			106	53	21.51	22.38	18.090	18.164
				54	21.80	21.30	18.720	18.750
				56	20.78	21.20	18.003	18.094
80MHz	6545 (Straddle)	119	SU	--	81.82	82.07	77.287	77.372
			106+26	82	21.88	21.90	18.053	18.106
				85	21.38	20.88	18.022	18.032
				89	20.73	21.08	18.046	18.160
	6705	151	SU	--	82.47	82.45	77.408	77.566
			106+26	82	22.54	21.98	18.183	18.055
				85	21.00	21.22	18.119	18.121
				89	21.45	21.62	18.009	18.043
	6865 (Straddle)	183	SU	--	82.20	82.25	77.571	77.532
			106+26	82	22.14	22.65	18.182	18.101
				85	20.69	21.60	18.038	18.064
				89	20.72	21.28	18.077	18.146
160MHz	6665	143	SU	--	164.10	163.60	156.180	156.310
			106	53	22.00	22.08	18.193	18.908
				60	20.72	21.10	18.168	18.482
				S60	20.52	21.68	17.923	18.649
	6825 (Straddle)	175	SU	--	165.70	165.80	156.650	156.580
			106	53	21.14	22.46	18.134	18.106
				60	21.15	21.62	18.219	18.236
				S60	21.60	21.57	18.194	18.094

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

UNII-7 (MIMO CDD)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					ANT 6	ANT 5	ANT 6	ANT 5
20MHz	6535	117	SU	--	22.81	22.37	19.073	19.036
			106+26	82	21.91	20.85	18.201	18.072
				83	20.85	20.73	18.147	18.095
	6715	153	SU	--	22.56	22.14	19.056	19.004
			106+26	82	22.06	20.86	18.232	18.083
				83	21.27	20.50	18.105	18.11
	6875	185	SU	--	22.48	22.30	19.007	19.026
			106+26	82	21.86	20.77	18.215	18.127
				83	21.01	20.63	18.145	18.115
40MHz	6565	123	SU	--	43.09	43.35	37.907	37.91
			52	37	21.46	21.08	18.369	18.269
				40	20.91	20.79	18.823	18.835
				44	21.05	21.08	18.416	18.249
	6685	147	SU	--	43.95	43.24	38.02	37.989
			52	37	21.72	20.99	18.567	18.180
				40	21.73	21.10	18.940	18.722
				44	20.83	21.07	18.367	18.234
	6845	179	SU	--	43.83	43.66	37.958	38.004
			52	37	20.97	21.19	18.335	18.327
				40	21.69	21.03	18.856	18.711
				44	21.10	20.53	18.297	18.288
80MHz	6545 (Straddle)	119	SU	--	83.97	82.68	77.481	77.498
			106+26	82	22.77	21.14	18.016	18.038
				85	20.86	21.23	18.15	18.036
				89	21.56	20.95	18.049	18.006
	6705	151	SU	--	85.16	83.96	77.548	77.585
			106+26	82	21.68	21.49	18.089	17.958
				85	21.51	20.53	17.934	17.958
				89	21.31	20.70	18.135	17.918
	6865 (Straddle)	183	SU	--	83.97	84.22	77.552	77.605
			106+26	82	22.31	21.76	18.130	17.952
				85	20.97	21.29	18.033	18.054
				89	21.07	20.80	17.867	18.069
160MHz	6665	143	SU	--	164.10	163.40	156.27	156.24
			996	67	84.25	83.68	77.583	77.935
				S67	82.14	82.25	77.556	77.864
	6825 (Straddle)	175	SU	--	164.70	163.60	156.34	156.19
			996	67	81.54	80.47	77.646	77.859
				S67	80.50	81.03	77.493	77.729

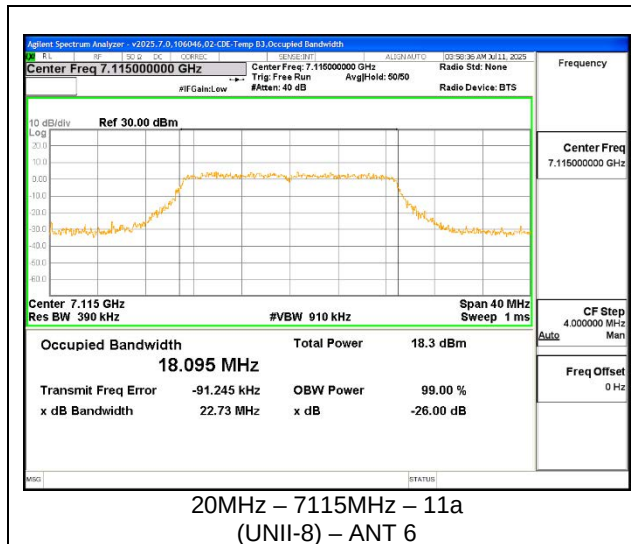


9.4.9. 802.11be MIMO SDM MODE IN THE UNII-7 BAND

UNII-7 (MIMO SDM)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					ANT 6	ANT 5	ANT 6	ANT 5
20MHz	6535	117	SU	--	22.08	21.72	18.987	19.026
			106+26	82	21.27	20.96	18.173	18.095
				83	21.21	20.38	18.164	18.044
	6715	153	SU	--	22.06	21.93	19.015	19.021
			106+26	82	21.55	20.55	18.217	18.093
				83	21.13	20.34	18.189	18.054
	6875 (Straddle)	185	SU	--	22.17	21.94	19.031	19.022
			106+26	82	21.76	20.77	18.202	18.084
				83	21.18	20.56	18.086	18.076
40MHz	6565	123	SU	--	44.30	43.08	37.987	37.94
			52	37	21.30	20.44	18.046	18.241
				40	21.35	20.98	18.995	18.712
				44	20.88	20.54	18.197	18.353
	6685	147	SU	--	43.08	43.16	37.905	37.976
			52	37	20.98	20.74	18.321	18.249
				40	21.02	21.10	18.925	18.868
				44	20.73	20.56	19.34	18.295
	6845	179	SU	--	42.78	42.32	38.065	37.976
			52	37	21.00	20.59	18.349	18.181
				40	21.35	21.26	18.895	18.656
				44	21.11	20.47	18.33	17.431
80MHz	6545 (Straddle)	119	SU	--	84.43	83.06	77.525	77.549
			106+26	82	22.36	21.32	18.182	17.887
				85	21.57	20.74	18.119	17.825
				89	21.28	21.05	17.893	18.031
	6705	151	SU	--	84.81	83.85	77.667	77.565
			106+26	82	22.09	21.05	18.128	18.009
				85	21.59	20.77	18.074	17.931
				89	21.00	20.41	18.123	18.078
	6865 (Straddle)	183	SU	--	84.47	84.45	77.489	77.497
			106+26	82	22.10	21.45	18.085	17.976
				85	21.24	20.96	18.002	17.763
				89	21.49	21.10	18.045	18.011
160MHz	6665	143	SU	--	164.20	163.80	156.54	156.19
			996	67	82.22	82.43	77.724	77.694
				S67	82.33	82.41	77.732	77.832
	6825 (Straddle)	175	SU	--	164.20	163.80	156.44	156.43
			996	67	82.48	82.39	77.622	77.781
				S67	81.99	81.99	77.687	77.778

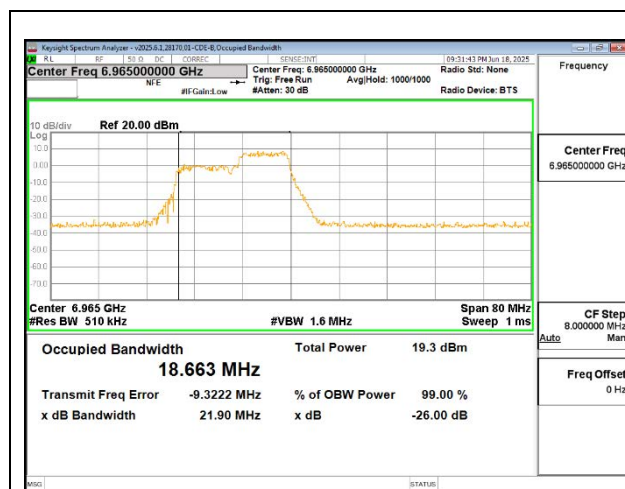
9.4.10. 802.11a SISO MODE IN THE UNII-8 BAND

UNII-8 (SISO)	Frequency (MHz)	Channel Number	Mode	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
				ANT 6	ANT 5	ANT 6	ANT 5
20MHz	7115	233	11a	22.73	23.50	18.095	18.098

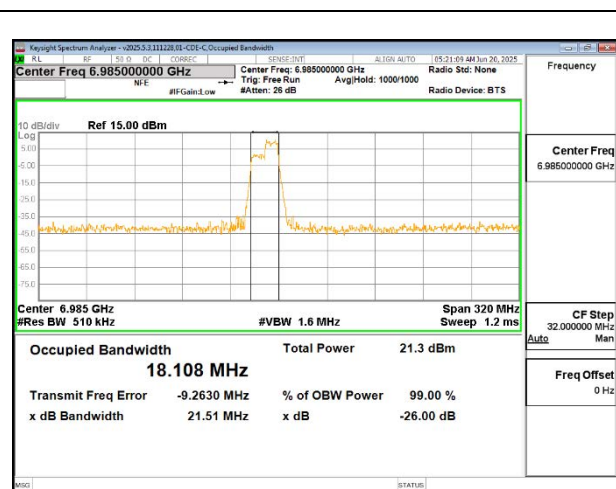


9.4.11. 802.11be SISO MODE IN THE UNII-8 BAND

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
20MHz	6895	189	SU	--	22.68	22.29	19.017	18.959
			106+26	82	21.85	21.92	18.204	18.273
				83	21.31	21.43	18.147	18.167
	6995	209	SU	--	23.14	22.59	19.022	19.051
			106+26	82	22.07	21.75	18.259	18.220
				83	21.22	21.36	18.087	18.184
	7095	229	SU	--	22.30	22.14	18.959	19.005
			106+26	82	21.76	22.31	18.214	18.277
				83	21.13	21.52	18.160	18.145
40MHz	6885 (Straddle)	187	SU	--	42.57	43.03	38.024	38.014
			106	53	22.21	22.21	18.080	18.208
				54	21.83	21.55	18.634	18.696
				56	21.24	21.70	18.052	18.120
	6965	203	SU	--	42.46	43.82	38.042	37.972
			106	53	22.27	22.19	18.145	18.081
				54	21.73	21.90	18.575	18.663
				56	21.37	21.41	18.132	18.069
	7085	227	SU	--	43.81	43.37	37.999	38.015
			106	53	22.01	22.30	18.056	18.140
				54	21.69	21.90	18.692	18.714
				56	21.29	21.25	18.052	18.114
80MHz	6945	199	SU	--	81.90	82.53	77.398	77.459
			484+242	90	63.36	63.58	58.686	58.020
				92	82.51	82.58	78.032	58.563
				93	63.53	63.39	58.508	77.459
	7025	215	SU	--	81.31	81.46	77.373	77.358
			484+242	90	63.51	63.36	58.624	77.982
				92	81.98	84.16	77.871	58.597
				93	63.35	63.16	58.591	77.358
160MHz	6985	207	SU	--	165.10	163.70	156.740	156.590
			106	53	22.09	21.87	18.218	18.409
				60	20.92	21.51	17.767	18.108
				S60	21.28	21.34	18.264	18.363



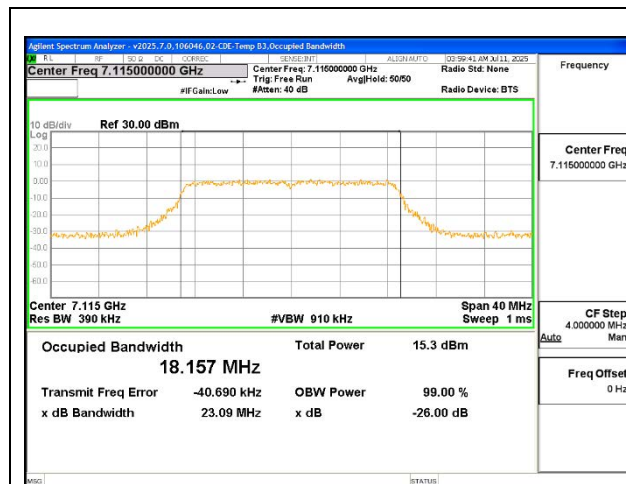
40MHz - Mid Channel - 106T RU54
(UNII-8) - ANT 5



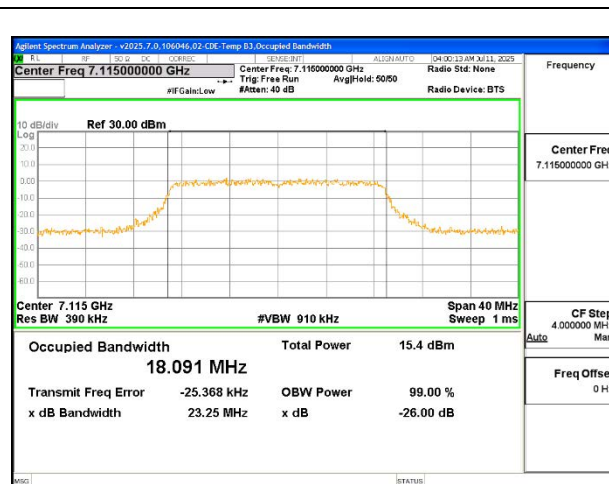
160MHz - Mid Channel - 106T RU60
(UNII-8) - ANT 5

9.4.12. 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
20MHz	7115	233	11a	23.09	23.25	18.157	18.091



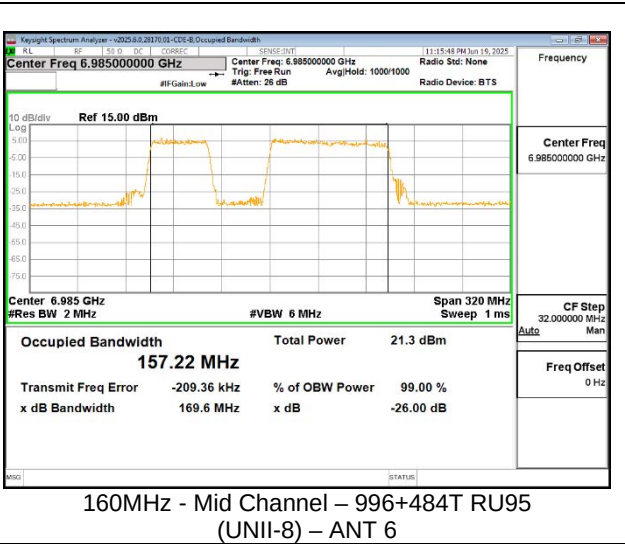
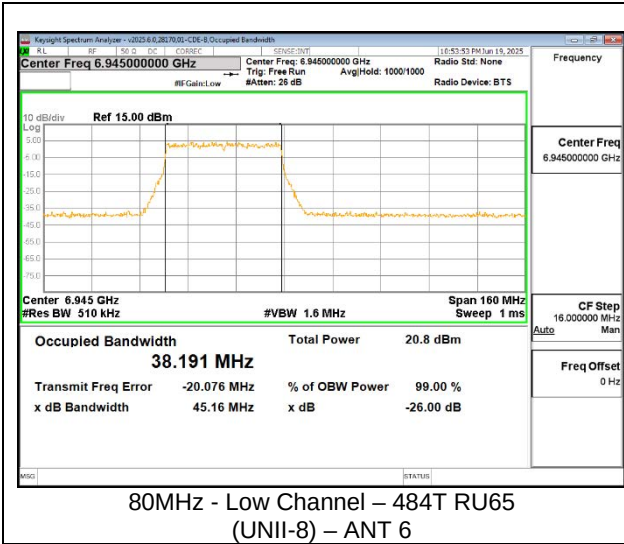
20MHz – 7115MHz – 11a
(UNII-8) – ANT 6



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

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

UNII-8 (MIMO CDD)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					ANT 6	ANT 5	ANT 6	ANT 5
20MHz	6895	189	SU	--	22.50	21.86	19.013	19.001
			52+26	70	20.45	19.28	17.126	16.945
				71	19.19	18.34	17.011	16.807
				72	19.50	19.10	17.033	16.944
		209	SU	--	22.77	22.52	19.056	19.004
			52+26	70	20.52	19.13	17.113	16.984
				71	19.15	18.51	17.017	16.867
				72	19.70	19.12	17.104	16.925
	7095	229	SU	--	22.10	22.47	18.993	19.022
			52+26	70	19.99	19.05	17.137	16.945
				71	19.23	18.52	16.999	16.914
				72	19.95	19.10	17.068	19.909
40MHz	6885 (Straddle)	187	SU	--	43.27	42.78	37.974	38.021
			106	53	22.25	21.47	18.262	18.006
				54	21.75	21.20	18.723	18.554
				56	21.06	20.57	18.063	18.068
		203	SU	--	43.82	43.00	37.941	37.976
			106	53	22.10	20.98	18.067	17.954
				54	21.98	21.13	18.741	18.629
				56	21.20	20.97	18.096	18.058
	7085	227	SU	--	43.07	42.89	37.996	37.956
			106	53	21.61	21.35	18.144	17.908
				54	21.55	21.42	18.721	18.685
				56	21.04	20.89	18.047	18.000
80MHz	6945	199	SU	--	81.91	81.87	77.559	77.493
			484	65	45.16	43.75	38.191	38.117
		215	SU	--	82.35	82.11	77.478	77.488
			484	65	44.07	44.12	38.218	38.170
	7025	199	SU	--	81.91	81.87	77.559	77.493
			484	65	45.16	43.75	38.191	38.117
		215	SU	--	82.35	82.11	77.478	77.488
			484	65	44.07	44.12	38.218	38.170
160MHz	6985	207	SU	--	163.60	163.90	156.490	156.620
			996+484	94	124.40	125.00	117.130	117.450
				95	169.60	170.00	157.220	157.333
				S95	125.10	124.60	117.290	117.530



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

UNII-8 (MIMO SDM)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					ANT 6	ANT 5	ANT 6	ANT 5
20MHz	6895	189	SU	--	23.10	22.16	18.992	19.024
			52+26	70	19.63	19.18	17.025	16.963
				71	19.33	18.58	16.994	16.903
				72	19.90	19.21	17.007	16.941
	6995	209	SU	--	22.85	21.78	18.975	19.028
			52+26	70	20.02	19.50	17.020	16.920
				71	19.13	18.43	17.012	16.924
				72	19.57	19.21	17.034	16.893
	7095	229	SU	--	22.63	22.22	19.057	18.985
			52+26	70	20.00	19.29	17.096	17.012
				71	19.37	18.52	17.032	16.830
				72	19.94	18.94	17.006	16.950
40MHz	6885 (Straddle)	187	SU	--	43.51	43.31	37.950	37.922
			106	53	22.00	21.38	18.106	18.075
				54	21.68	21.46	18.717	18.580
				56	21.46	20.58	18.580	18.003
	6965	203	SU	--	43.97	42.78	37.923	37.990
			106	53	21.87	21.13	18.086	17.917
				54	21.12	21.36	18.541	18.611
				56	21.36	20.80	18.611	18.060
	7085	227	SU	--	43.83	42.26	37.979	37.992
			106	53	21.51	21.06	18.060	18.038
				54	21.61	21.21	18.771	18.559
				56	21.21	20.71	18.559	18.069
80MHz	6945	199	SU	--	81.80	81.86	77.395	77.589
			484	65	44.49	43.88	38.099	38.192
				66	44.10	44.09	38.090	38.160
	7025	215	SU	--	81.77	82.06	77.415	77.374
			484	65	44.52	44.65	38.139	38.227
				66	44.28	43.83	38.133	38.195
160MHz	6985	207	SU	--	163.70	167.00	156.570	156.690
			996+484	94	124.90	124.70	117.050	117.590
				95	169.30	169.30	157.300	157.600
				S95	125.60	12.50	117.140	117.630

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 UNII-5	Sub-band 1 (5955 - 6095)	0.50	-1.30	-0.31	2.66
	Sub-band 2 (6115 - 6255)	-0.80	-0.90	-0.85	2.16
	Sub-band 3 (6275 - 6415)	0.00	-2.50	-1.07	1.85
6425 - 6525 UNII-6	N/A	0.00	-2.40	-1.04	1.89
UNII-6/7 (Straddle Channel)	N/A	0.00	0.70	0.36	3.37
6525 - 6875 UNII-7	N/A	-0.10	0.70	0.32	3.32
UNII-7/8 (Straddle Channel)	N/A	-0.10	0.70	0.32	3.32
6875 - 7125 UNII-8	N/A	-0.60	-2.4	-1.41	1.56

Directional Gain Calculation:

ANSI C63.10 section 14.4.3

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

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

Sample Calculation at UNII-5 Band:

ANT 6 = 0.50 dBi

ANT 5 = -1.30 dBi

Uncorrelated Antenna Gain = $10 \log[(10^{(0.50/10)} + 10^{(-1.30/10)})/2] = -0.31 \text{ dBi}$

Correlated Antenna Gain = $10 \log[(10^{(0.50/20)} + 10^{(-1.30/20)})^2/2] = 2.66 \text{ dBi}$

EIRP Power Calculation:**1Tx**

EIRP corr'd power = Ant6 + Antenna Gain

Sample Calculation at UNII-5 Band:

Ant6 (5955MHz, RU53) Power = 3.95 dBm

EIRP corr'd power = 3.95 + (0.50) = 4.45 dBm

2Tx

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

Sample Calculation at UNII-5 Band:

Ant6 (5955MHz, RU53) Power = -1.40 dBm

Ant5 (5955MHz, RU53) Power = -1.33 dBm

EIRP corr'd power = $10 \cdot \log(10^{(-1.40/10)} + 10^{(-1.33/10)}) + (-0.31) = 1.34 \text{ dBm}$

EIRP PSD Calculation:**1Tx**

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

Sample Calculation at UNII-5 Band:

Ant6 (5955MHz, RU53) PSD = -3.989 dBm/1MHz

EIRP corr'd PSD = 0 + (-3.989) + (0.50) = -3.489 dBm/1MHz

2Tx (CDD)

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

Sample Calculation at UNII-5 Band:

Ant6 (5955MHz, RU53) PSD = -9.706 dBm/1MHz

Ant5 (5955MHz, RU53) PSD = -9.570 dBm/1MHz

EIRP corr'd PSD = $(10 \cdot \log(10^{((0 + (-9.706))/10)} + 10^{((0 + (-9.570))/10)})) + (2.66) = -3.967 \text{ dBm/1MHz}$

2Tx (SDM)

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

Sample Calculation at UNII-5 Band:

Ant6 (5955MHz, RU53) PSD = -6.818 dBm/1MHz

Ant5 (5955MHz, RU53) PSD = -6.563 dBm/1MHz

EIRP corr'd PSD = $(10 \cdot \log(10^{((0 + (-6.818))/10)} + 10^{((0 + (-6.563))/10)})) + (-0.31) = -3.988 \text{ dBm/1MHz}$

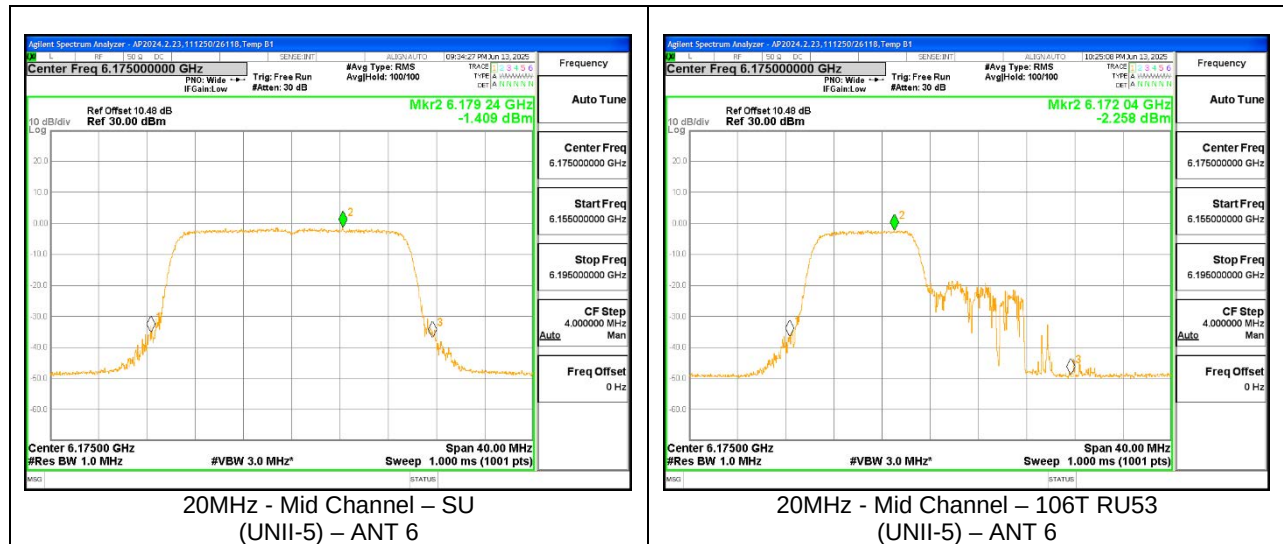
9.5.1. 802.11be SISO MODE IN THE UNII-5 BAND – LOW POWER

LP UNII-5 (SISO)	Duty Factor (dB)		Ant 6 Gain (dBi)	Ant 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 24dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = -1 dBm/MHz EIRP)	
	SU	Partial RU							ANT 6	ANT 5	ANT 6	ANT 5	ANT 6	ANT 5	ANT 6	ANT 5
20MHz	0	0	0.50	-1.30	5955	1	SU	--	7.80	9.75	8.30	8.45	-3.496	-1.558	-2.996	-2.858
							106	53	3.95	5.73	4.45	4.43	-3.989	-2.442	-3.489	-3.742
							54	3.85	5.60	4.35	4.30	4.30	-4.338	-2.379	-3.838	-3.679
			-0.80	-0.90	6175	45	SU	--	9.99	10.07	9.19	9.17	-1.409	-1.733	-2.209	-2.633
							106	53	6.25	6.63	5.45	5.73	-2.258	-1.811	-3.058	-2.711
							54	6.24	6.67	5.44	5.77	5.77	-2.128	-1.612	-2.928	-2.512
			0.00	-2.50	6415	93	SU	--	9.35	12.03	9.35	9.53	-2.101	-0.737	-2.101	-3.237
							106	53	5.90	8.57	5.90	6.07	-2.748	-0.276	-2.748	-2.776
							54	5.90	8.53	5.90	6.03	6.03	-2.554	-0.314	-2.554	-2.814
40MHz	0	0	0.50	-1.30	5965	3	SU	--	10.56	12.50	11.06	11.20	-4.146	-1.505	-3.646	-2.805
							106+26	82	4.80	6.44	5.30	5.14	-4.428	-2.819	-3.928	-4.119
							83	4.65	6.48	5.15	5.18	5.18	-4.393	-2.380	-3.893	-3.680
							85	4.80	6.52	5.30	5.22	5.22	-4.273	-2.481	-3.773	-3.781
							SU	--	12.95	12.95	12.15	12.05	-1.739	-1.919	-2.539	-2.819
							106+26	82	7.40	7.40	6.60	6.50	-2.450	-2.439	-3.250	-3.339
			-0.80	-0.90	6165	43	83	7.50	7.65	6.70	6.75	6.75	-2.463	-2.002	-3.263	-2.902
							85	7.35	7.45	6.55	6.55	6.55	-2.666	-2.347	-3.466	-3.247
							SU	--	12.35	15.08	12.35	12.58	-2.023	0.327	-2.023	-2.173
							106+26	82	6.81	9.15	6.81	6.65	-2.704	-0.907	-2.704	-3.407
							83	6.65	9.30	6.65	6.80	6.80	-3.215	-0.415	-3.215	-2.915
							85	6.65	9.25	6.65	6.75	6.75	-2.884	-0.344	-2.884	-2.844
			0.00	-2.50	6405	91	SU	--	12.35	15.08	12.35	12.58	-2.023	0.327	-2.023	-2.173
							106+26	82	6.81	9.15	6.81	6.65	-2.704	-0.907	-2.704	-3.407
							83	6.65	9.30	6.65	6.80	6.80	-3.215	-0.415	-3.215	-2.915
							85	6.65	9.25	6.65	6.75	6.75	-2.884	-0.344	-2.884	-2.844
80MHz	0	0	0.50	-1.30	5985	7	SU	--	13.95	15.53	14.45	14.23	-3.693	-1.275	-3.193	-2.575
							106+26	82	4.55	6.62	5.05	5.32	-4.894	-2.943	-4.394	-4.243
							85	4.40	6.56	4.90	5.26	5.26	-4.814	-2.876	-4.314	-4.176
							89	4.51	6.65	5.01	5.35	5.35	-4.842	-2.893	-4.342	-4.193
							SU	--	16.04	16.23	15.24	15.33	-1.448	-1.486	-2.248	-2.386
							106+26	82	7.35	7.60	6.55	6.70	-2.278	-1.541	-3.078	-2.441
			-0.80	-0.90	6145	39	85	7.50	7.55	6.70	6.65	6.65	-2.018	-1.883	-2.818	-2.783
							89	7.45	7.54	6.65	6.64	6.64	-2.119	-2.186	-2.919	-3.086
							SU	--	14.99	17.95	14.99	15.45	-2.352	-0.545	-2.352	-3.045
							106+26	82	6.67	9.20	6.67	6.70	-2.821	-1.102	-2.821	-3.602
							85	6.80	9.25	6.80	6.75	6.75	-2.720	-0.137	-2.720	-2.637
							89	6.62	9.25	6.62	6.75	6.75	-2.927	-0.377	-2.927	-2.877
			0.00	-2.50	6385	87	SU	--	16.72	18.30	17.22	17.00	-3.394	-1.736	-2.894	-3.036
							52	37	2.12	4.05	2.62	2.75	-3.103	-1.349	-2.513	-2.559
							52	52	2.10	3.95	2.60	2.65	-3.829	-1.712	-3.239	-2.922
							S52	2.15	4.00	2.65	2.70	2.70	-3.403	-1.753	-2.813	-2.963
							SU	--	18.36	18.25	17.56	17.35	-1.704	-1.839	-2.504	-2.739
							52	37	3.37	3.58	2.57	2.68	-2.058	-1.902	-2.768	-2.712
160MHz	0	0.09	0.50	-1.30	6025	15	52	52	3.52	3.55	2.72	2.65	-2.009	-1.871	-2.719	-2.681
							S52	3.55	3.65	2.75	2.75	2.75	-2.464	-1.901	-3.174	-2.711
							SU	--	17.95	18.30	17.95	15.80	-2.496	-1.729	-2.496	-4.229
			-0.80	-0.90	6185	47	52	37	2.52	5.25	2.52	2.75	-3.395	-0.138	-3.305	-2.548
							52	52	2.52	5.10	2.52	2.60	-3.180	-0.572	-3.090	-2.982
							S52	2.56	5.16	2.56	2.66	2.66	-3.214	-0.297	-3.124	-2.707
			0.00	-2.50	6345	79	SU	--	17.95	18.30	17.95	15.80	-2.496	-1.729	-2.496	-4.229
							52	37	2.52	5.25	2.52	2.75	-3.395	-0.138	-3.305	-2.548
							52	52	2.52	5.10	2.52	2.60	-3.180	-0.572	-3.090	-2.982
							S52	2.56	5.16	2.56	2.66	2.66	-3.214	-0.297	-3.124	-2.707

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)



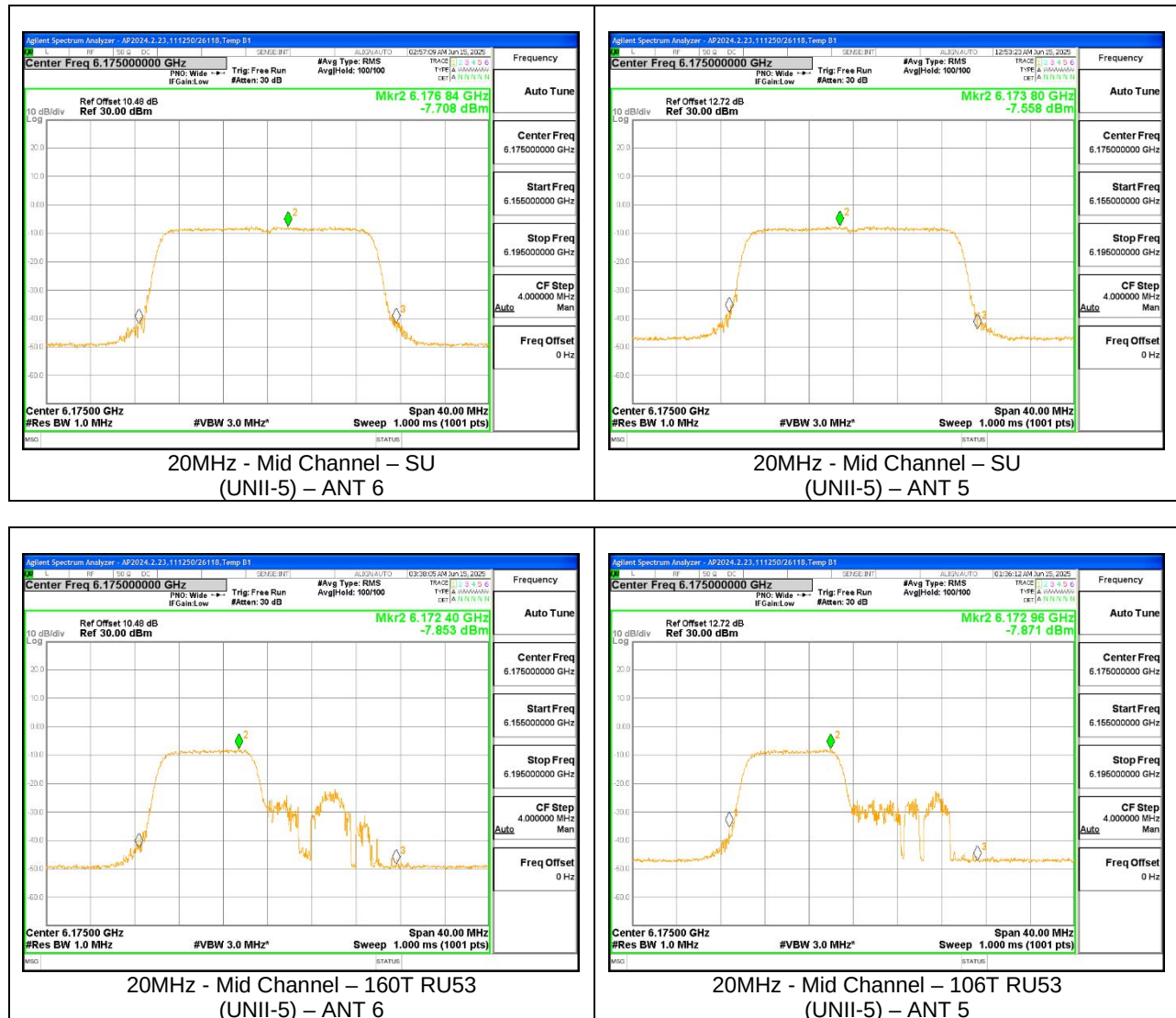
9.5.2. 802.11be MIMO CDD MODE IN THE UNII-5 BAND – LOW POWER

LP 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 = 24dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -1 dBm/MHz EIRP)
	SU	Partial Rus							ANT 6	ANT 5		ANT 6	ANT 5	
20MHz	0	0	-0.31	2.66	5955	1	SU	--	2.73	2.62	5.38	-8.674	-8.656	-2.995
							106	53	-1.40	-1.33	1.34	-9.706	-9.570	-3.967
								54	-1.35	-1.39	1.33	-9.290	-9.567	-3.756
			-0.85	2.16	6175	45	SU	--	3.93	4.02	6.14	-7.708	-7.558	-2.462
							106	53	0.35	0.40	2.54	-7.853	-7.871	-2.692
								54	0.50	0.49	2.66	-7.883	-7.948	-2.745
			-1.07	1.85	6415	93	SU	--	4.55	4.37	6.40	-6.926	-7.285	-2.241
							106	53	1.10	1.15	3.07	-7.150	-7.021	-2.225
								54	1.12	1.08	3.04	-6.760	-7.036	-2.036
40MHz	0	0	-0.31	2.66	5965	3	SU	--	5.51	5.52	8.22	-8.751	-8.755	-3.083
							106+26	82	-0.54	-0.58	2.14	-10.530	-10.127	-4.654
								83	-0.42	-0.50	2.24	-9.608	-9.735	-4.001
								85	-0.44	-0.63	2.17	-9.602	-9.653	-3.957
							SU	--	7.03	6.82	9.09	-7.715	-8.141	-2.752
			-0.85	2.16	6165	43	106+26	82	1.55	1.52	3.70	-8.291	-8.515	-3.231
								83	1.46	1.52	3.65	-8.125	-8.287	-3.035
								85	1.50	1.45	3.64	-8.193	-8.594	-3.219
							SU	--	7.44	7.45	9.39	-7.351	-7.298	-2.464
							106+26	82	1.83	1.93	3.82	-8.404	-7.928	-3.299
			-1.07	1.85	6405	91		83	1.87	1.95	3.85	-8.032	-7.885	-3.098
								85	1.81	1.82	3.76	-7.683	-7.931	-2.945
80MHz	0	0	-0.31	2.66	5985	7	SU	--	8.52	8.52	11.22	-8.452	-8.373	-2.742
							106+26	82	-0.73	-0.69	1.99	-10.023	-9.998	-4.340
								85	-0.63	-0.59	2.09	-9.845	-9.774	-4.139
								89	-0.73	-0.83	1.92	-10.208	-10.100	-4.483
							SU	--	10.12	10.07	12.26	-7.566	-7.497	-2.361
			-0.85	2.16	6145	39	106+26	82	1.52	1.52	3.68	-8.309	-8.120	-3.043
								85	1.52	1.54	3.69	-8.181	-7.782	-2.807
								89	1.37	1.57	3.63	-8.313	-8.120	-3.045
							SU	--	10.12	10.22	12.11	-7.657	-7.222	-2.574
			-1.07	1.85	6385	87	106+26	82	1.80	1.77	3.73	-8.234	-7.986	-3.248
								85	1.85	1.74	3.74	-7.559	-8.107	-2.964
								89	1.78	1.77	3.72	-7.840	-7.283	-2.692
160MHz	0	0	-0.31	2.66	6025	15	SU	--	11.50	11.55	14.23	-8.542	-8.460	-2.831
							106+26	82	-0.45	-0.40	2.28	-9.745	-10.006	-4.203
								89	-0.30	-0.30	2.40	-9.344	-9.737	-3.866
								S89	-0.42	-0.37	2.31	-10.493	-10.010	-4.574
							SU	--	12.90	12.89	15.06	-7.413	-7.272	-2.172
			-0.85	2.16	6185	47	106+26	82	1.65	1.65	3.81	-8.254	-7.725	-2.811
								89	1.65	1.50	3.74	-8.169	-7.681	-2.748
								S89	1.40	1.60	3.66	-8.304	-7.917	-2.936
							SU	--	13.15	13.25	15.14	-6.805	-6.944	-2.014
			-1.07	1.85	6345	79	106+26	82	1.90	1.95	3.87	-7.595	-7.643	-2.759
								89	2.00	2.01	3.95	-7.522	-7.897	-2.845
								S89	1.65	1.97	3.75	-7.515	-7.441	-2.618

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)



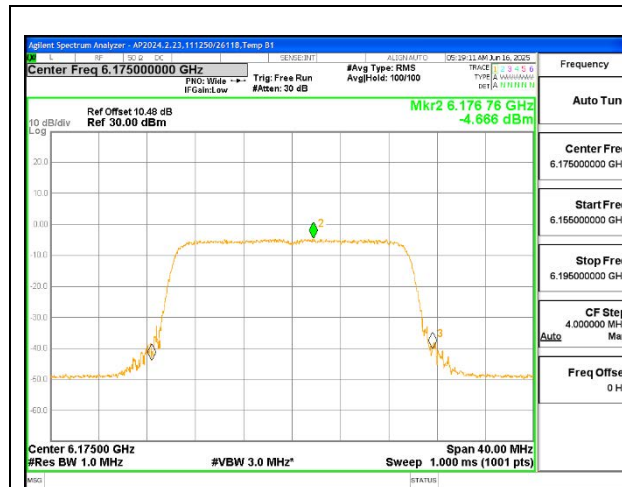
9.5.3. 802.11be MIMO SDM MODE IN THE UNII-5 BAND – LOW POWER

LP SDM 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 = 24dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -1 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0	0	-0.31	2.66	5955	1	SU	--	5.65	5.65	8.35	-5.385	-5.589	-2.786
							106	53	1.65	1.73	4.39	-6.818	-6.563	-3.988
								54	1.55	1.59	4.27	-6.588	-6.264	-3.723
			-0.85	2.16	6175	45	SU	--	6.95	6.98	9.13	-4.666	-4.488	-2.416
							106	53	3.52	3.50	5.67	-5.118	-4.638	-2.711
								54	3.52	3.55	5.70	-4.860	-4.881	-2.710
			-1.07	1.85	6415	93	SU	--	7.34	7.26	9.24	-4.145	-4.149	-2.207
							106	53	4.01	3.90	5.90	-4.454	-4.655	-2.613
								54	4.05	4.02	5.98	-4.253	-4.417	-2.394
40MHz	0	0	-0.31	2.66	5965	3	SU	--	8.30	8.36	11.03	-6.060	-5.891	-3.274
							106+26	82	2.57	2.55	5.26	-6.718	-6.596	-3.956
								83	2.62	2.65	5.34	-6.620	-6.212	-3.711
								85	2.51	2.59	5.25	-6.859	-6.473	-3.961
			-0.85	2.16	6165	43	SU	--	10.05	9.95	12.16	-5.041	-4.730	-2.722
							106+26	82	4.60	4.65	6.79	-5.685	-5.133	-3.240
								83	4.55	4.60	6.74	-5.051	-4.848	-2.788
								85	4.50	4.65	6.74	-5.153	-5.090	-2.961
			-1.07	1.85	6405	91	SU	--	10.40	10.30	12.29	-4.154	-4.472	-2.370
							106+26	82	4.70	4.60	6.59	-5.714	-5.349	-3.587
								83	4.65	4.85	6.69	-5.265	-4.603	-2.981
								85	4.70	4.80	6.69	-5.191	-4.884	-3.094
80MHz	0	0	-0.31	2.66	5985	7	SU	--	11.59	11.43	14.21	-5.394	-5.389	-2.691
							106+26	82	2.35	2.43	5.09	-6.653	-6.791	-4.021
								85	2.37	2.46	5.12	-7.257	-6.634	-4.234
								89	2.45	2.33	5.09	-6.804	-6.835	-4.119
			-0.85	2.16	6145	39	SU	--	13.05	13.03	15.20	-4.783	-4.380	-2.417
							106+26	82	4.55	4.50	6.69	-5.332	-5.031	-3.019
								85	4.50	4.56	6.69	-4.930	-5.199	-2.902
								89	4.65	4.53	6.75	-4.966	-4.628	-2.633
			-1.07	1.85	6385	87	SU	--	12.91	12.88	14.84	-4.750	-4.512	-2.689
							106+26	82	4.75	4.70	6.67	-5.272	-4.937	-3.161
								85	4.75	4.83	6.73	-5.174	-4.907	-3.098
								89	4.80	4.51	6.60	-4.407	-4.531	-2.528
160MHz	0	0	-0.31	2.66	6025	15	SU	--	14.37	14.50	17.14	-5.556	-5.408	-2.781
							106+26	82	2.65	2.65	5.35	-6.724	-6.542	-3.932
								89	2.60	2.39	5.20	-7.001	-7.001	-4.301
								S89	2.65	2.52	5.29	-7.104	-7.356	-4.528
			-0.85	2.16	6185	47	SU	--	15.90	15.92	18.07	-4.175	-4.126	-1.990
							106+26	82	4.50	4.65	6.74	-5.047	-4.623	-2.670
								89	4.60	4.62	6.77	-4.717	-5.068	-2.729
								S89	4.45	4.42	6.60	-5.087	-5.332	-3.047
			-1.07	1.85	6345	79	SU	--	16.12	16.02	18.01	-4.105	-4.351	-2.286
							106+26	82	4.94	4.77	6.80	-4.218	-4.382	-2.359
								89	4.90	4.87	6.83	-4.419	-4.884	-2.705
								S89	4.95	4.72	6.78	-4.452	-4.679	-2.624

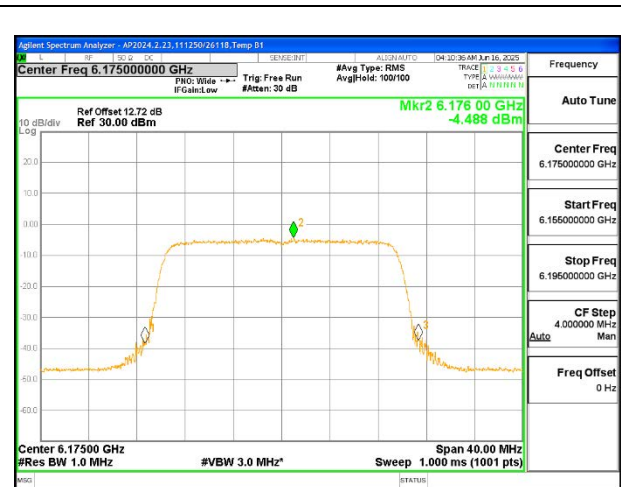
Note:

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

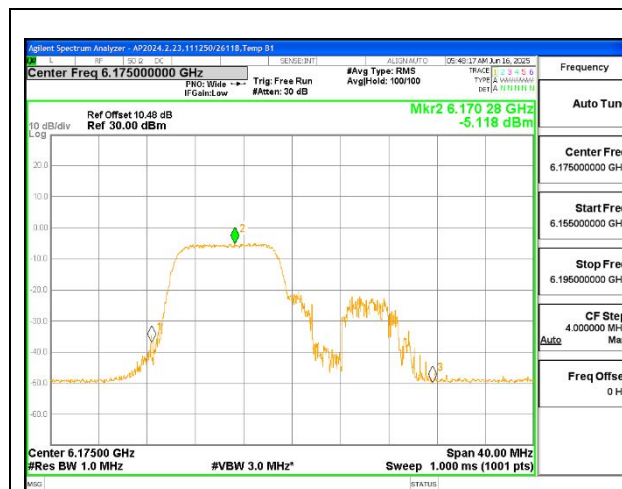
EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (ANT 6 + ANT 5) + Duty Factor (dB) + Un-Correlated Antenna Gain (dBi)



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



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



20MHz - Mid Channel – 160T RU53
(UNII-5) – ANT 6



20MHz - Mid Channel – 106T RU53
(UNII-5) – ANT 5

9.5.4. 802.11be SISO MODE IN THE UNII-6 BAND – LOW POWER

LP UNII-6 (SISO)	Duty Factor (dB)		Ant 6 Gain (dBi)	Ant 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 24dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = -1 dBm/MHz EIRP)						
	SU	Partial RU							Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5					
20MHz	0	0	0.00	-2.40	6435	97	SU	--	9.28	11.65	9.28	9.25	-2.475	-0.054	-2.475	-2.454					
							106	53	5.78	8.24	5.78	5.84	-2.431	-0.419	-2.431	-2.819					
								54	5.75	8.20	5.75	5.80	-2.380	-0.469	-2.380	-2.869					
					6475	105	SU	--	9.21	11.68	9.21	9.28	-2.599	-0.010	-2.599	-2.410					
							106	53	5.71	8.25	5.71	5.85	-2.497	-0.549	-2.497	-2.949					
								54	5.72	8.23	5.72	5.83	-2.404	-0.502	-2.404	-2.902					
					6515	113	SU	--	9.35	11.66	9.35	9.26	-2.493	-0.177	-2.493	-2.577					
							106	53	5.79	8.19	5.79	5.79	-2.525	-0.478	-2.525	-2.878					
								54	5.77	8.15	5.77	5.75	-2.505	-0.626	-2.505	-3.026					
					40MHz	0	0	0.00	-2.40	6445	99	SU	--	12.03	14.33	12.03	11.93	-2.909	-0.645	-2.909	-3.045
												106+26	82	6.79	9.09	6.79	6.69	-2.945	-0.937	-2.945	-3.337
													83	6.77	9.13	6.77	6.73	-2.774	-0.782	-2.774	-3.182
85	6.80	9.12	6.80	6.72						-2.851	-0.750		-2.851	-3.150							
6485	107	SU	--	11.99						14.31	11.99	11.91	-2.861	-0.784	-2.861	-3.184					
		106+26	82	6.78						9.13	6.78	6.73	-2.938	-0.809	-2.938	-3.209					
			83	6.76				9.15	6.76	6.75	-2.914	-0.732	-2.914	-3.132							
0.00	0.70	6525 (Straddle)	115	85				6.77	9.09	6.77	6.69	-2.943	-0.556	-2.943	-2.956						
				106+26				SU	--	12.27	11.56	12.27	12.26	-2.525	-3.306	-2.525	-2.606				
								82	6.93	5.89	6.93	6.59	-2.582	-3.925	-2.582	-3.225					
		83	6.95					5.93	6.95	6.63	-2.702	-3.870	-2.702	-3.170							
		85	6.89	5.91				6.89	6.61	-2.578	-3.853	-2.578	-3.153								
		80MHz	0	0	0.00	-2.40	6465	103	SU	--	15.06	17.55	15.06	15.15	-2.586	-0.053	-2.586	-2.453			
106+26	82								6.85	9.14	6.85	6.74	-2.661	-0.489	-2.661	-2.889					
	85								6.84	9.12	6.84	6.72	-2.554	-0.467	-2.554	-2.867					
	89								6.79	9.10	6.79	6.70	-2.559	-0.625	-2.559	-3.025					
160MHz	0	0.11	0.00	0.70	6505 (Straddle)	111	SU	--	17.95	17.33	17.95	18.03	-2.297	-2.706	-2.297	-2.006					
							106+26	82	6.85	5.95	6.85	6.65	-2.275	-3.217	-2.165	-2.407					
								89	6.83	5.92	6.83	6.62	-2.192	-3.343	-2.082	-2.533					
								S89	6.85	5.91	6.85	6.61	-1.946	-3.203	-1.836	-2.393					
								S89	6.85	5.91	6.85	6.61	-1.946	-3.203	-1.836	-2.393					

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)



40MHz - Mid Channel – SU
(UNII-6) – ANT 5



40MHz - Mid Channel – 106+26T RU83
(UNII-6) – ANT 5

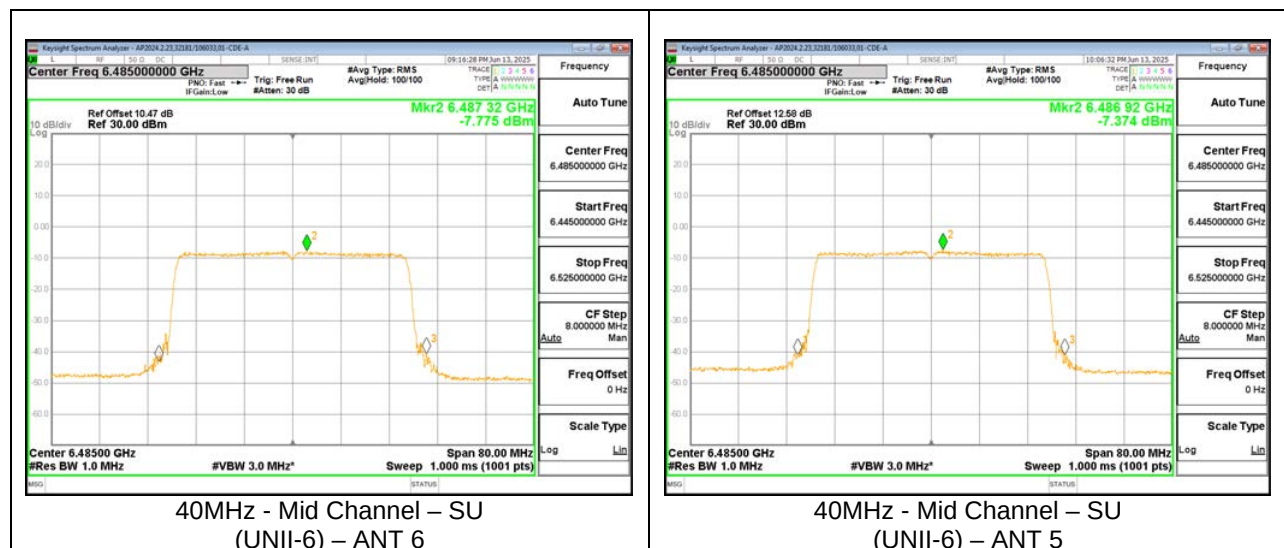
9.5.5. 802.11be MIMO CDD MODE IN THE UNII-6 BAND – LOW POWER

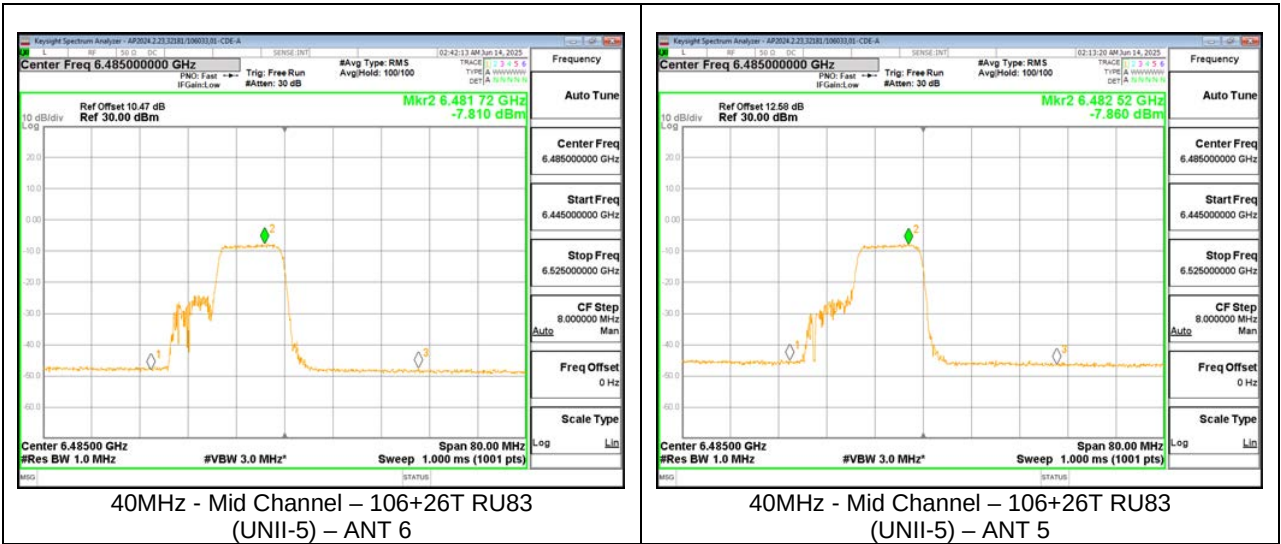
LP CDD UNII-6 (MIMO)	Duty Factor (dB)		Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 24dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -1 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0	0	-1.04	1.89	6435	97	SU	--	4.36	4.45	6.38	-7.384	-7.271	-2.427
							106+26	82	1.84	1.80	3.79	-7.461	-7.486	-2.573
								83	1.85	1.81	3.80	-7.436	-7.462	-2.549
					6475	105	SU	--	4.42	4.39	6.38	-7.372	-7.348	-2.460
							106+26	82	1.80	1.83	3.79	-7.420	-7.516	-2.567
								83	1.84	1.81	3.80	-7.496	-7.543	-2.619
					6515	113	SU	--	4.43	4.45	6.41	-7.328	-7.155	-2.340
							106+26	82	1.84	1.83	3.81	-7.599	-7.679	-2.739
								83	1.83	1.85	3.81	-7.462	-7.699	-2.679
40MHz	0	0	-1.04	1.89	6445	99	SU	--	7.21	7.25	9.20	-7.532	-7.560	-2.646
							106+26	82	1.82	1.79	3.78	-7.839	-7.894	-2.966
								83	1.82	1.82	3.79	-7.922	-7.927	-3.024
					6485	107	85	1.83	1.79	3.78	-7.990	-7.895	-3.042	
							SU	--	7.21	7.25	9.20	-7.775	-7.374	-2.670
							106+26	82	1.85	1.82	3.81	-7.933	-7.995	-3.064
			83	1.83	1.81	3.79		-7.810	-7.860	-2.935				
			0.36	3.37	6525 (Straddle)	115	85	1.81	1.78	3.77	-7.785	-7.911	-2.947	
							SU	--	5.90	5.82	9.23	-9.171	-7.831	-2.069
							106+26	82	0.31	0.32	3.69	-9.593	-9.513	-3.173
								83	0.32	0.30	3.68	-9.616	-9.658	-3.257
							85	0.33	0.32	3.70	-9.598	-9.831	-3.333	
80MHz	0	0.12					-1.04	1.89	6465	103	SU	--	10.25	10.25
			52+26	70	-0.35	-0.31					1.64	-7.386	-7.454	-2.400
				75	-0.33	-0.28					1.67	-7.448	-7.599	-2.503
				81	-0.34	-0.90					1.36	-7.497	-7.605	-2.530
160MHz	0	0	0.36	3.37	6505 (Straddle)	111	SU	--	11.73	11.74	15.11	-8.718	-8.528	-2.242
							106	53	-0.55	-0.57	2.81	-8.914	-8.747	-2.449
								60	-0.57	-0.55	2.81	-8.836	-8.758	-2.417
								S60	-0.59	-0.57	2.79	-9.006	-8.938	-2.592

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)





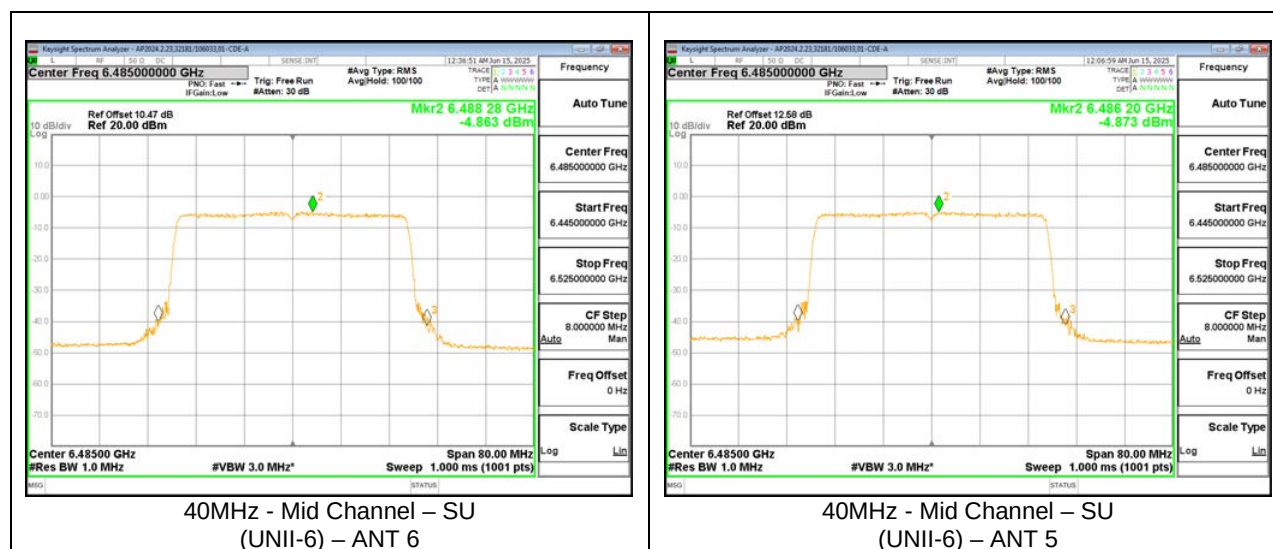
9.5.6. 802.11be MIMO SDM MODE IN THE UNII-6 BAND – LOW POWER

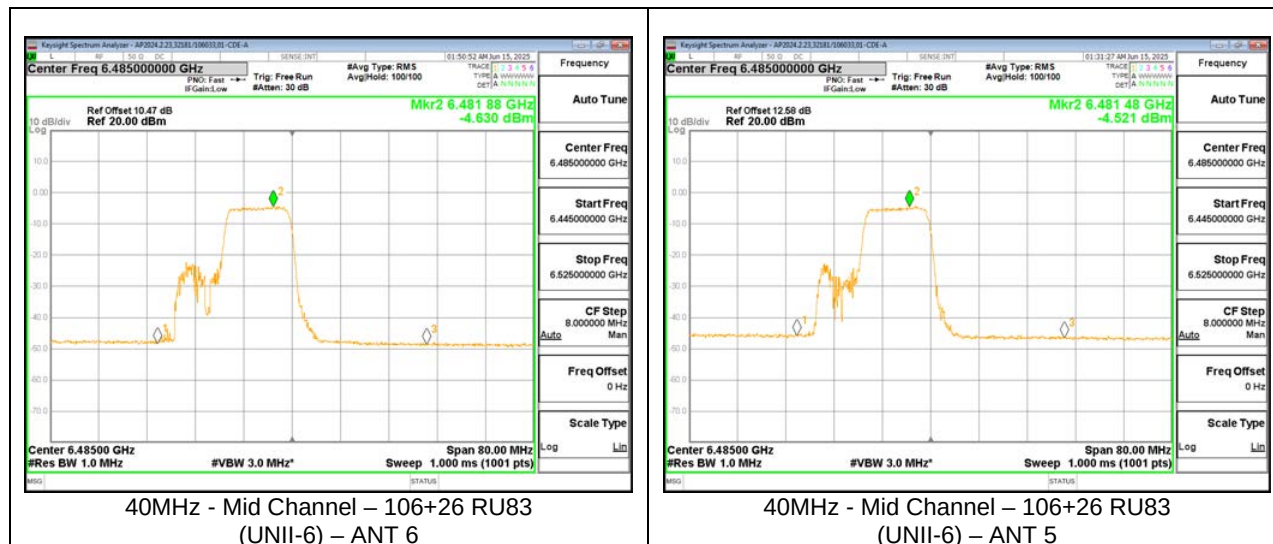
LP SDM UNII-6 (MIMO)	Duty Factor (dB)		Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 24dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -1 dBm/MHz EIRP)	
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5		
20MHz	0	0	-1.04	1.89	6435	97	SU	--	7.35	7.35	9.32	-4.366	-4.361	-2.393	
							106+26	82	4.76	4.79	6.75	-4.626	-4.549	-2.617	
								83	4.76	4.79	6.75	-4.667	-4.586	-2.656	
					6475	105	SU	--	7.30	7.32	9.28	-4.382	-4.322	-2.382	
							106+26	82	4.78	4.82	6.77	-4.533	-4.620	-2.606	
								83	4.75	4.76	6.73	-4.483	-4.540	-2.541	
					6515	113	SU	--	7.34	7.34	9.31	-4.328	-4.083	-2.233	
							106+26	82	4.81	4.77	6.76	-4.698	-4.528	-2.642	
								83	4.82	4.78	6.77	-4.525	-4.680	-2.632	
40MHz	0	0	-1.04	1.89	6445	99	SU	--	10.11	10.12	12.09	-4.592	-4.769	-2.709	
							106+26	82	4.77	4.72	6.72	-4.796	-4.740	-2.798	
								83	4.79	4.74	6.74	-4.569	-4.544	-2.586	
								85	4.74	4.77	6.73	-4.573	-4.624	-2.628	
					6485	107	SU	--	10.12	10.15	12.11	-4.863	-4.873	-2.898	
							106+26	82	4.79	4.77	6.75	-4.629	-4.809	-2.748	
								83	4.78	4.80	6.76	-4.630	-4.521	-2.605	
			0.36	3.37	6525 (Straddle)	115	85	4.85	4.79	6.79	-4.563	-4.624	-2.623		
							106+26	SU	--	8.92	8.86	12.26	-6.013	-5.844	-2.557
								82	3.34	3.30	6.69	-6.182	-6.305	-2.873	
								83	3.32	3.28	6.67	-6.153	-6.129	-2.771	
								85	3.29	3.22	6.63	-6.263	-6.426	-2.973	
80MHz	0	0	-1.04	1.89	6465	103	SU	--	13.03	13.09	15.03	-4.315	-4.465	-2.419	
							52+26	70	2.60	2.65	4.60	-4.640	-4.777	-2.738	
								75	2.61	2.61	4.58	-4.602	-4.813	-2.736	
								81	2.65	2.62	4.61	-4.674	-4.668	-2.701	
160MHz	0	0	0.36	3.37	6505 (Straddle)	111	SU	--	14.70	14.75	18.10	-5.579	-5.364	-2.100	
							106	53	2.45	2.43	5.81	-5.878	-5.935	-2.536	
								60	2.42	2.42	5.79	-6.138	-5.830	-2.611	
								S60	2.42	2.44	5.80	-5.963	-5.847	-2.534	

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)





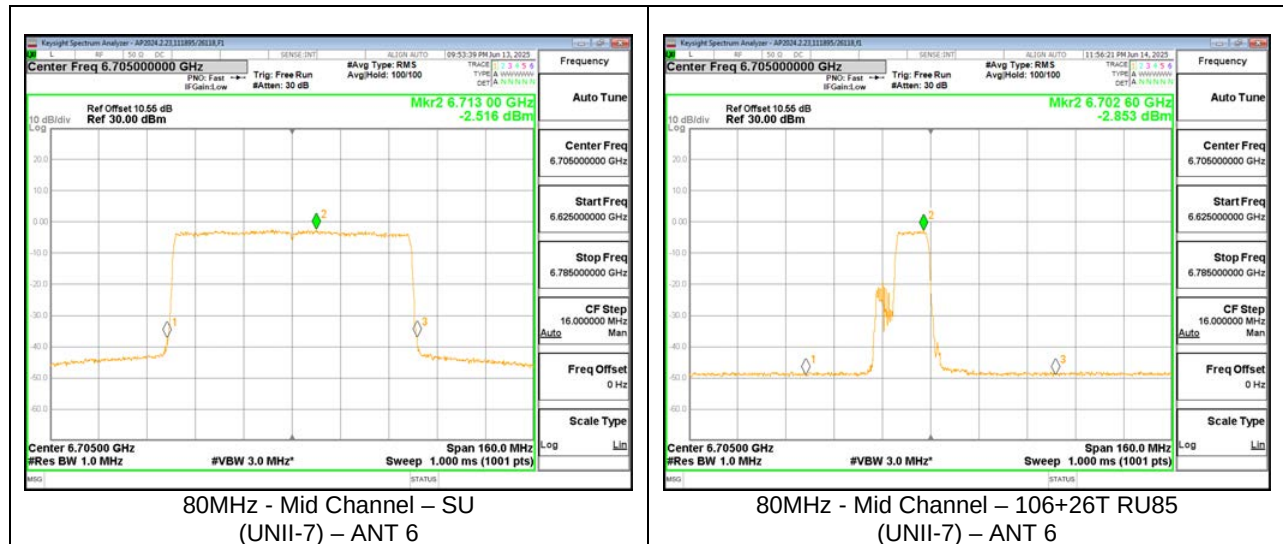
9.5.7. 802.11be SISO MODE IN THE UNII-7 BAND – LOW POWER

LP UNII-7 (SISO)	Duty Factor (dB)		Ant 6 Gain (dBi)	Ant 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 24dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = -1 dBm/MHz EIRP)	
	SU	Partial RU							Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
20MHz	0	0	-0.10	0.70	6535	117	SU	--	9.09	8.44	8.99	9.14	-2.487	-3.075	-2.587	-2.375
							106+26	82	6.68	5.83	6.58	6.53	-1.547	-3.218	-1.647	-2.518
							83	6.73	5.89	6.63	6.59	6.59	-1.306	-3.199	-1.406	-2.499
					6715	153	SU	--	9.16	8.46	9.06	9.16	-2.898	-3.331	-2.998	-2.631
							106+26	82	6.63	5.95	6.53	6.65	-1.814	-3.409	-1.914	-2.709
							83	6.70	5.92	6.60	6.62	6.62	-1.656	-3.322	-1.756	-2.622
			-0.10	0.70	6875 (Straddle)	185	SU	--	9.25	8.60	9.15	9.30	-2.503	-2.976	-2.603	-2.276
							82	6.90	6.14	6.80	6.84	6.84	-1.138	-2.687	-1.238	-1.987
							106+26	83	6.95	6.10	6.85	6.80	-1.333	-3.187	-1.433	-2.487
40MHz	0	0	-0.10	0.70	6565	123	SU	--	12.18	11.38	12.08	12.08	-2.130	-2.999	-2.230	-2.299
							53	5.95	5.07	5.85	5.77	5.77	-2.067	-3.006	-2.167	-2.306
							106	54	5.83	5.12	5.73	5.82	-2.076	-2.812	-2.176	-2.112
							56	5.81	5.09	5.71	5.79	5.79	-2.291	-2.698	-2.391	-1.998
					6685	147	SU	--	12.12	11.36	12.02	12.06	-2.735	-3.541	-2.835	-2.841
							53	5.86	5.12	5.76	5.82	5.82	-2.713	-3.458	-2.813	-2.758
							106	54	5.93	5.13	5.83	5.83	-2.298	-3.131	-2.398	-2.431
							56	5.88	5.15	5.78	5.85	5.85	-2.916	-3.290	-3.016	-2.590
					6845	179	SU	--	12.18	11.43	12.08	12.13	-2.861	-3.567	-2.961	-2.867
							53	5.88	5.05	5.78	5.75	5.75	-2.852	-3.638	-2.952	-2.938
							106	54	5.90	5.07	5.80	5.77	-3.065	-3.729	-3.165	-3.029
							56	5.82	5.14	5.72	5.84	5.84	-2.703	-3.562	-2.803	-2.862
80MHz	0	0	0.00	0.70	6545 (Straddle)	119	SU	--	15.22	14.44	15.22	15.14	-2.201	-3.299	-2.201	-2.599
							106+26	82	6.72	5.83	6.72	6.53	-2.057	-3.035	-2.057	-2.335
							85	6.79	5.95	6.79	6.65	6.65	-2.397	-3.193	-2.397	-2.493
							89	6.76	5.85	6.76	6.55	6.55	-2.527	-3.287	-2.527	-2.587
			-0.10	0.70	6705	151	SU	--	15.35	14.33	15.25	15.03	-2.516	-3.506	-2.616	-2.806
							106+26	82	6.83	5.96	6.73	6.66	-2.954	-3.651	-3.054	-2.951
							85	6.79	5.99	6.69	6.69	6.69	-2.853	-3.457	-2.953	-2.757
							89	6.76	6.01	6.66	6.71	6.71	-3.026	-3.734	-3.126	-3.034
			-0.10	0.70	6865 (Straddle)	183	SU	--	15.24	14.54	15.14	15.24	-2.888	-3.417	-2.988	-2.717
							106+26	82	6.76	5.95	6.66	6.65	-3.133	-3.828	-3.233	-3.128
							85	6.79	5.96	6.69	6.66	6.66	-2.951	-3.992	-3.051	-3.292
							89	6.76	5.98	6.66	6.68	6.68	-2.741	-3.176	-2.841	-2.476
160MHz	0	0	-0.10	0.70	6665	143	SU	--	17.85	17.35	17.75	18.05	-2.563	-3.529	-2.663	-2.829
							484+242	91	14.03	13.09	13.93	13.79	-2.552	-3.509	-2.652	-2.809
							92	14.05	13.14	13.95	13.84	13.84	-2.509	-3.321	-2.609	-2.621
							S92	14.03	13.12	13.93	13.82	13.82	-2.594	-2.826	-2.694	-2.126
							SU	--	17.95	17.23	17.85	17.93	-2.654	-3.527	-2.754	-2.827
			-0.10	0.70	6825 (Straddle)	175	484+242	91	13.93	12.96	13.83	13.66	-2.995	-4.009	-3.095	-3.309
							92	13.92	13.03	13.82	13.73	13.73	-2.576	-3.758	-2.676	-3.058
							S92	13.95	12.98	13.85	13.68	13.68	-2.594	-3.151	-2.694	-2.451
							SU	--	17.85	17.35	17.75	18.05	-2.563	-3.529	-2.663	-2.829
							484+242	91	14.03	13.09	13.93	13.79	-2.552	-3.509	-2.652	-2.809
							92	14.05	13.14	13.95	13.84	13.84	-2.509	-3.321	-2.609	-2.621
							S92	14.03	13.12	13.93	13.82	13.82	-2.594	-2.826	-2.694	-2.126
							SU	--	17.95	17.23	17.85	17.93	-2.654	-3.527	-2.754	-2.827
							484+242	91	13.93	12.96	13.83	13.66	-2.995	-4.009	-3.095	-3.309
							92	13.92	13.03	13.82	13.73	13.73	-2.576	-3.758	-2.676	-3.058
							S92	13.95	12.98	13.85	13.68	13.68	-2.594	-3.151	-2.694	-2.451

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)



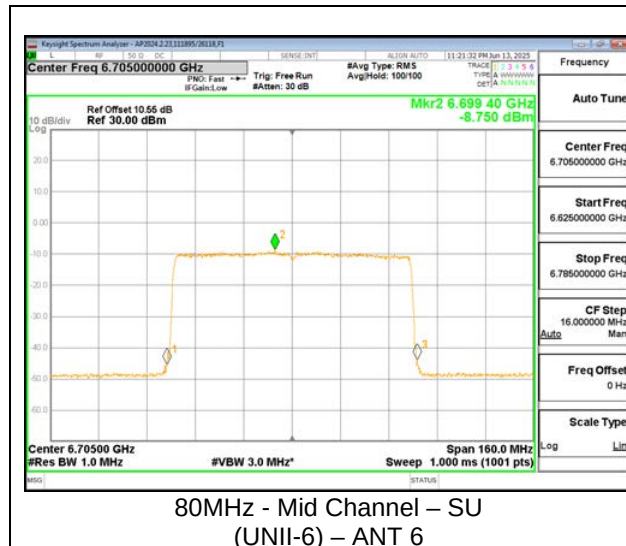
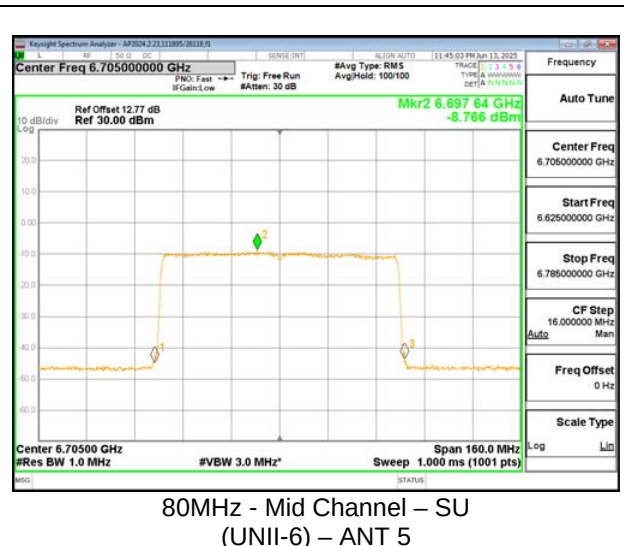
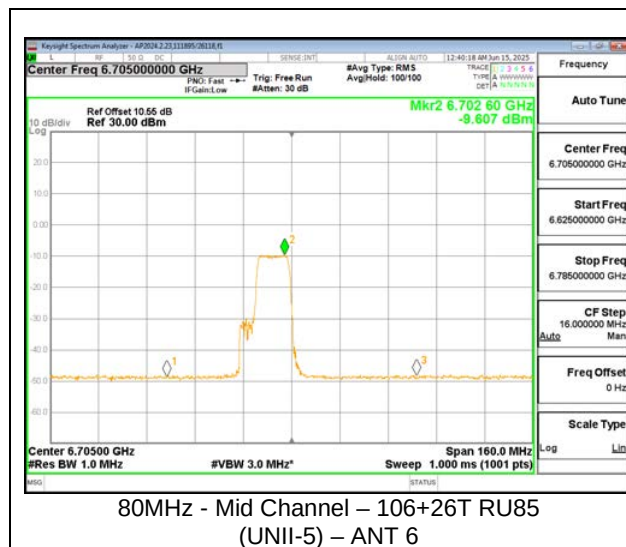
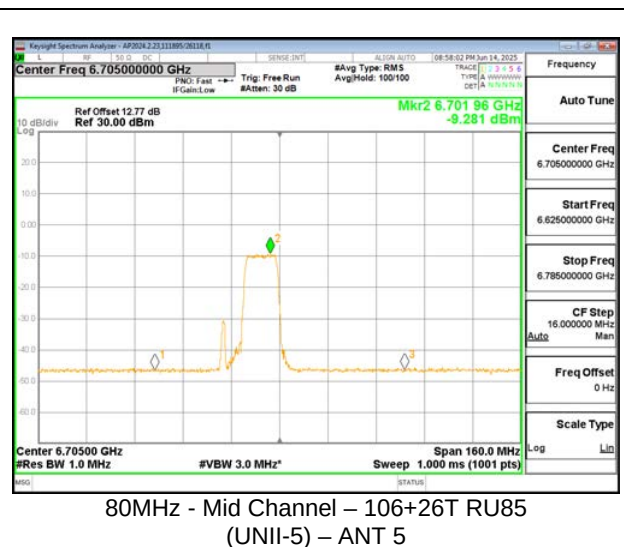
9.5.8. 802.11be MIMO CDD MODE IN THE UNII-7 BAND – LOW POWER

LP CDD UNII-7 (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 = 24dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -1 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0	0	0.32	3.32	6535	117	SU	--	2.81	2.74	6.11	-8.680	-8.781	-2.400
							106	53	-0.49	-0.46	2.86	-8.625	-8.630	-2.297
								54	-0.48	-0.50	2.84	-8.612	-8.513	-2.232
					6715	153	SU	--	2.80	2.79	6.13	-8.921	-8.843	-2.552
							106	53	-0.51	-0.50	2.83	-8.925	-8.981	-2.623
								54	-0.48	-0.46	2.86	-8.855	-8.867	-2.531
			0.32	3.32	6875 (Straddle)	185	SU	--	2.87	2.95	6.24	-8.871	-8.688	-2.448
							106	53	-0.45	-0.50	2.86	-8.852	-8.769	-2.480
								54	-0.55	-0.48	2.82	-8.867	-8.945	-2.576
40MHz	0	0	0.32	3.32	6565	123	SU	--	5.78	5.76	9.10	-8.509	-8.754	-2.299
							106	53	-0.53	-0.52	2.81	-8.456	-8.457	-2.126
								54	-0.57	-0.49	2.80	-8.480	-8.226	-2.021
					6685	147		56	-0.54	-0.53	2.80	-8.865	-8.499	-2.348
							SU	--	5.85	5.8	9.16	-9.055	-9.226	-2.809
							106	53	-0.51	-0.53	2.81	-9.112	-8.957	-2.704
					54	-0.54		-0.50	2.81	-9.073	-8.838	-2.624		
					56	-0.56		-0.51	2.80	-9.299	-9.070	-2.853		
					6845	179	SU	--	5.78	5.71	9.08	-9.145	-9.165	-2.825
							106	53	-0.53	-0.52	2.81	-9.615	-9.401	-3.176
								54	-0.52	-0.45	2.85	-9.444	-9.267	-3.024
					56	-0.48		-0.47	2.86	-9.167	-9.222	-2.864		
80MHz	0	0	0.36	3.37	6545 (Straddle)	119	SU	--	8.94	8.90	12.29	-8.598	-8.600	-2.219
							106+26	82	0.35	0.27	3.68	-9.004	-8.903	-2.573
								85	0.30	0.25	3.65	-9.081	-8.571	-2.438
			89	0.33	0.35	3.71		-9.376	-9.134	-2.873				
			0.32	3.32	6705	151	SU	--	8.80	8.78	12.12	-8.750	-8.766	-2.428
							106+26	82	0.39	0.39	3.72	-9.051	-9.169	-2.779
								85	0.40	0.38	3.72	-9.607	-9.281	-3.111
			89	0.43	0.44	3.77		-9.372	-9.344	-3.028				
			0.32	3.32	6865 (Straddle)	183	SU	--	8.71	8.75	12.06	-9.259	-9.091	-2.844
106+26	82	0.27					0.30	3.62	-9.614	-9.646	-3.300			
	85	0.29					0.29	3.62	-9.273	-9.175	-2.893			
	89	0.30	0.27	3.62	-9.099	-9.138	-2.788							
160MHz	0	0.09	0.32	3.32	6665	143	SU	--	11.47	11.50	14.82	-9.168	-9.197	-2.852
							52	37	-3.66	-3.69	-0.34	-9.471	-9.602	-3.116
								52	-3.65	-3.65	-0.32	-9.685	-9.862	-3.352
			S52	-3.69	-3.69	-0.36		-9.542	-9.859	-3.277				
			0.32	3.32	6825 (Straddle)	175	SU	--	11.54	11.61	14.91	-9.256	-9.027	-2.810
							52	37	-3.62	-3.62	-0.29	-9.579	-9.936	-3.334
								52	-3.60	-3.58	-0.26	-9.111	-9.462	-2.863
			S52	-3.63	-3.63	-0.30		-9.260	-9.692	-3.050				

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)

80MHz - Mid Channel – SU
(UNII-6) – ANT 680MHz - Mid Channel – SU
(UNII-6) – ANT 580MHz - Mid Channel – 106+26T RU85
(UNII-5) – ANT 680MHz - Mid Channel – 106+26T RU85
(UNII-5) – ANT 5

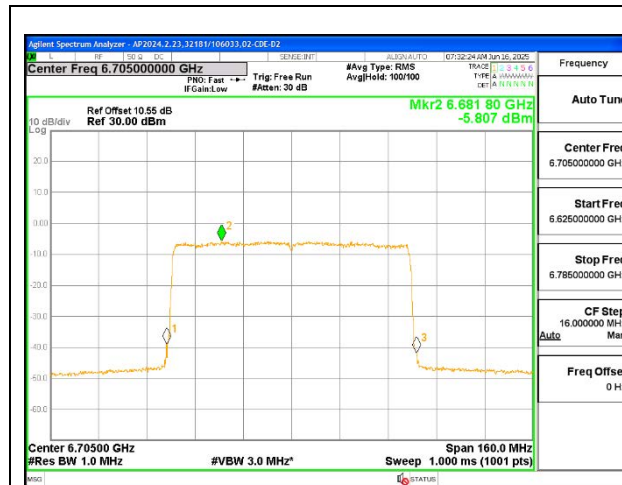
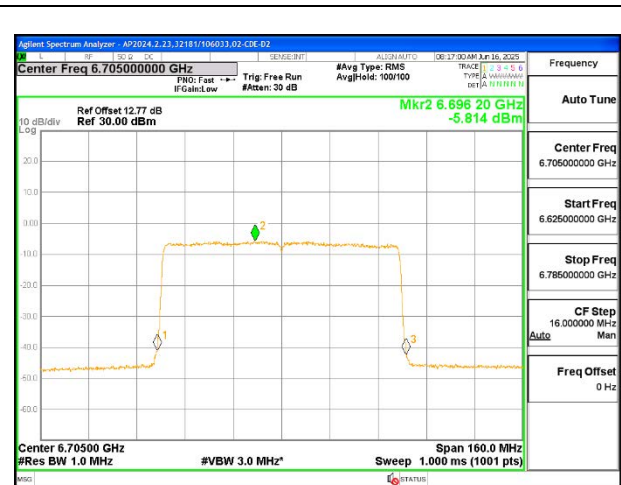
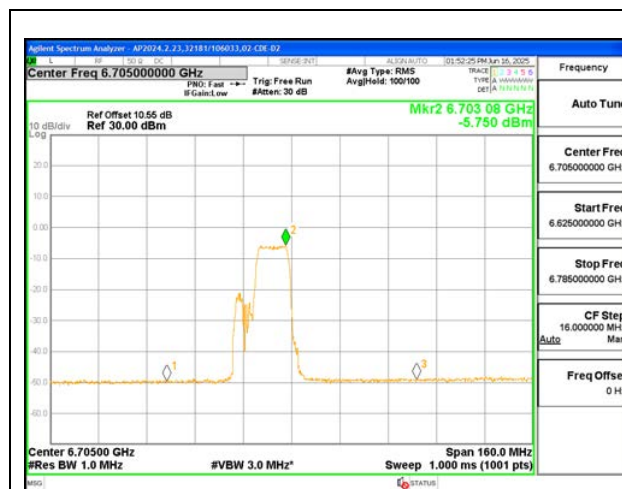
9.5.9. 802.11be MIMO SDM MODE IN THE UNII-7 BAND – LOW POWER

LP SDM UNII-7 (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 = 24dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -1 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0	0	0.32	3.32	6535	117	SU	--	5.79	5.82	9.14	-6.000	-6.023	-2.681
							106	53	2.53	2.52	5.86	-5.576	-5.607	-2.261
								54	2.55	2.54	5.88	-5.411	-5.509	-2.129
			0.32	3.32	6715 (Straddle)	153	SU	--	5.75	5.81	9.11	-5.876	-5.820	-2.518
							106	53	2.52	2.55	5.87	-5.432	-5.574	-2.172
								54	2.51	2.53	5.85	-5.444	-5.477	-2.130
							SU	--	5.87	5.89	9.21	-5.846	-5.879	-2.532
							106	53	2.54	2.50	5.85	-5.646	-5.791	-2.388
								54	2.55	2.51	5.86	-5.470	-5.492	-2.151
40MHz	0	0	0.32	3.32	6565	123	SU	--	8.82	8.79	12.14	-5.728	-5.610	-2.338
							106	53	2.52	2.53	5.86	-6.011	-5.934	-2.642
								54	2.54	2.55	5.88	-5.703	-5.749	-2.396
					6685	147		56	2.50	2.51	5.84	-6.038	-5.724	-2.548
							SU	--	8.85	8.80	12.16	-5.672	-5.604	-2.308
							106	53	2.49	2.55	5.85	-6.177	-5.736	-2.621
								54	2.47	2.52	5.83	-5.881	-5.818	-2.519
								56	2.48	2.48	5.81	-5.956	-5.739	-2.516
					6845	179	SU	--	8.79	8.76	12.11	-5.895	-5.883	-2.559
							106	53	2.54	2.51	5.86	-6.096	-5.976	-2.705
								54	2.50	2.53	5.85	-6.187	-5.930	-2.726
								56	2.53	2.52	5.86	-5.895	-6.078	-2.655
			0.36	3.37	6545 (Straddle)	119	SU	--	11.91	11.93	15.29	-5.625	-5.613	-2.249
							106+26	82	3.32	3.33	6.70	-5.860	-5.888	-2.504
								85	3.28	3.35	6.69	-5.869	-6.117	-2.621
80MHz	0	0	0.32	3.32	6705	151	106+26	89	3.31	3.31	6.68	-5.955	-5.926	-2.570
							SU	--	11.78	11.75	15.10	-5.807	-5.814	-2.480
							106+26	82	3.41	3.44	6.76	-5.652	-5.791	-2.391
			0.32	3.32	6865 (Straddle)	183		85	3.45	3.42	6.77	-5.750	-5.833	-2.461
								89	3.43	3.43	6.76	-5.825	-5.676	-2.420
							SU	--	11.82	11.77	15.13	-5.808	-5.870	-2.509
							106+26	82	3.34	3.33	6.67	-5.937	-5.951	-2.614
								85	3.31	3.33	6.65	-5.948	-6.089	-2.688
								89	3.28	3.35	6.65	-5.968	-6.117	-2.712
			0.32	3.32	6665	143	SU	--	14.47	14.51	17.82	-5.714	-5.710	-2.382
							52	37	-0.70	-0.66	2.65	-6.046	-6.055	-2.720
								52	-0.71	-0.67	2.64	-6.042	-6.039	-2.710
160MHz	0	0	0.32	3.32	6825 (Straddle)	175		S52	-0.74	-0.70	2.61	-6.056	-6.064	-2.730
							SU	--	14.58	14.64	17.94	-5.533	-5.522	-2.197
							52	37	-0.61	-0.57	2.74	-5.810	-5.781	-2.465
								52	-0.55	-0.60	2.76	-5.904	-5.763	-2.823
								S52	-0.56	-0.61	2.75	-5.789	-5.800	-2.464

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)

80MHz - Mid Channel – SU
(UNII-7) – ANT 680MHz - Mid Channel – SU
(UNII-7) – ANT 580MHz - Mid Channel – 106+26T RU85
(UNII-7) – ANT 680MHz - Mid Channel – 106+26T RU85
(UNII-7) – ANT 5

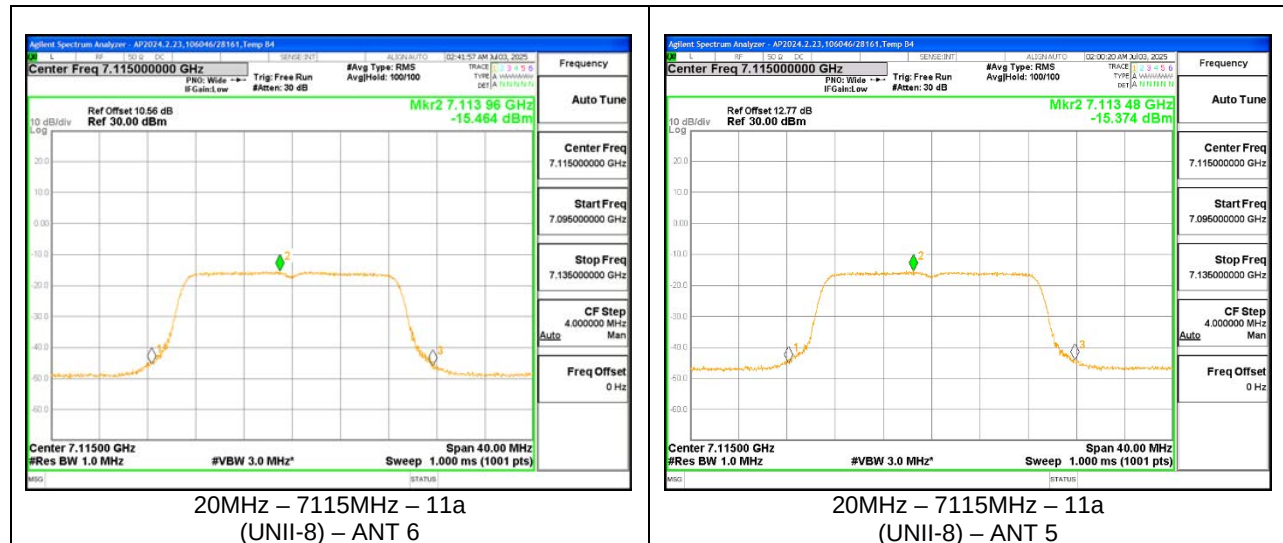
9.5.10. 802.11a SISO MODE IN THE UNII-8 BAND – LOW POWER

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	-0.60	-2.40	7115	233	11a	-3.61	-3.62	-4.21	-6.02	-15.464	-15.374	-16.064	-17.774

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)



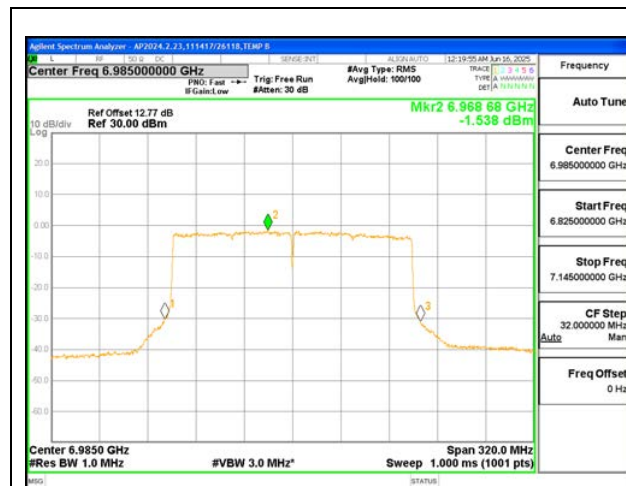
9.5.11. 802.11be SISO MODE IN THE UNII-8 BAND – LOW POWER

LP UNII-8 (SISO)	Duty Factor (dB)		Ant 6 Gain (dBi)	Ant 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 24dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = -1 dBm/MHz EIRP)	
	SU	Partial RU							Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
20MHz	0	0	-0.60	-2.40	6895	189	SU	--	9.69	11.59	9.09	9.19	-1.798	0.080	-2.398	-2.320
							106	53	6.50	8.20	5.90	5.80	-1.616	-0.722	-2.216	-3.122
							54	54	6.54	8.22	5.94	5.82	-1.840	-0.378	-2.440	-2.778
					6995	209	SU	--	9.70	11.56	9.10	9.16	-1.832	0.151	-2.432	-2.249
							106	53	6.52	8.25	5.92	5.85	-2.087	-0.204	-2.687	-2.604
							54	54	6.53	8.20	5.93	5.80	-1.840	-0.078	-2.440	-2.478
					7095	229	SU	--	9.92	11.62	9.32	9.22	-1.425	-0.112	-2.025	-2.512
							106	53	6.62	8.43	6.02	6.03	-1.652	-0.354	-2.252	-2.754
							54	54	6.56	8.41	5.96	6.01	-1.962	-0.378	-2.562	-2.778
					6885 (Straddle)	187	SU	--	12.31	11.52	12.21	12.22	-2.140	-2.937	-2.240	-2.237
							106	53	5.99	5.21	5.89	5.91	-2.963	-3.895	-3.063	-3.195
							54	54	5.98	5.22	5.88	5.92	-2.767	-3.535	-2.867	-2.835
40MHz	0	0	-0.10	0.70	6885 (Straddle)	187	SU	--	12.31	11.52	12.21	12.22	-2.140	-2.937	-2.240	-2.237
							106	53	5.99	5.21	5.89	5.91	-2.963	-3.895	-3.063	-3.195
							54	54	5.98	5.22	5.88	5.92	-2.767	-3.535	-2.867	-2.835
					6965	203	SU	--	12.57	14.50	11.97	12.10	-1.581	0.170	-2.181	-2.230
							106	53	6.47	8.23	5.87	5.83	-2.187	-0.519	-2.787	-2.919
							54	54	6.45	8.23	5.85	5.83	-2.044	-0.312	-2.644	-2.712
			-0.60	-2.40	7085	227	SU	--	12.95	14.47	12.35	12.07	-0.771	0.579	-1.371	-1.821
							106	53	6.61	8.20	6.01	5.80	-1.763	-0.449	-2.363	-2.849
							54	54	6.58	8.24	5.98	5.84	-1.650	-0.287	-2.250	-2.687
					6945	199	SU	--	15.85	17.46	15.25	15.06	-1.531	0.117	-2.131	-2.283
							70	70	5.33	7.15	4.73	4.75	-1.863	-0.521	-2.343	-2.801
							52+26	75	5.32	7.10	4.72	4.70	-2.121	-0.715	-2.601	-2.995
80MHz	0	0.12	-0.60	-2.40	7025	215	SU	--	16.05	17.52	15.45	15.12	-1.140	0.708	-1.740	-1.692
							52+26	75	5.28	7.02	4.68	4.62	-1.281	-0.599	-1.761	-2.879
							81	75	5.27	7.04	4.67	4.64	-2.078	-0.559	-2.558	-2.839
			-0.60	-2.40	6985	207	SU	--	17.95	17.95	17.35	15.55	-1.453	-1.538	-2.053	-3.938
							52	37	3.19	4.97	2.59	2.57	-1.945	-0.045	-2.455	-2.355
							52	52	3.21	5.01	2.61	2.61	-1.763	-0.018	-2.273	-2.328
							S52	3.21	4.98	2.61	2.58	2.58	-1.936	-0.132	-2.446	-2.442

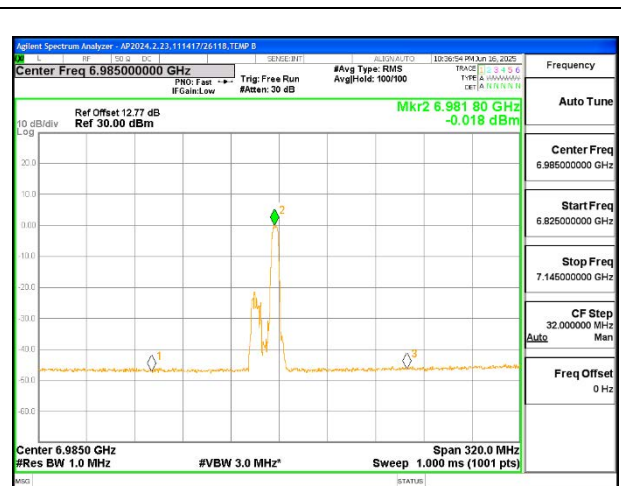
Note:

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)



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



160MHz - Mid Channel – 52T RU52
(UNII-8) – ANT 5

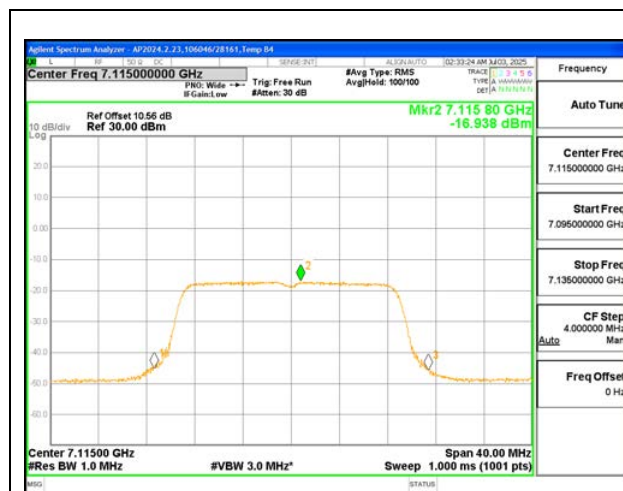
9.5.12. 802.11a MIMO MODE IN THE UNII-8 BAND – LOW POWER

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	-1.41	1.56	7115	233	11a	-5.11	-5.09	-3.50	-16.938	-16.829	-12.313

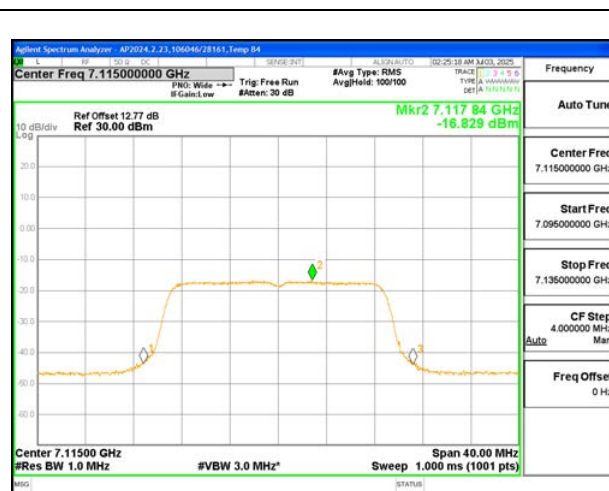
Note:

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)



20MHz – 7115MHz – 11a
(UNII-5) – ANT 6



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

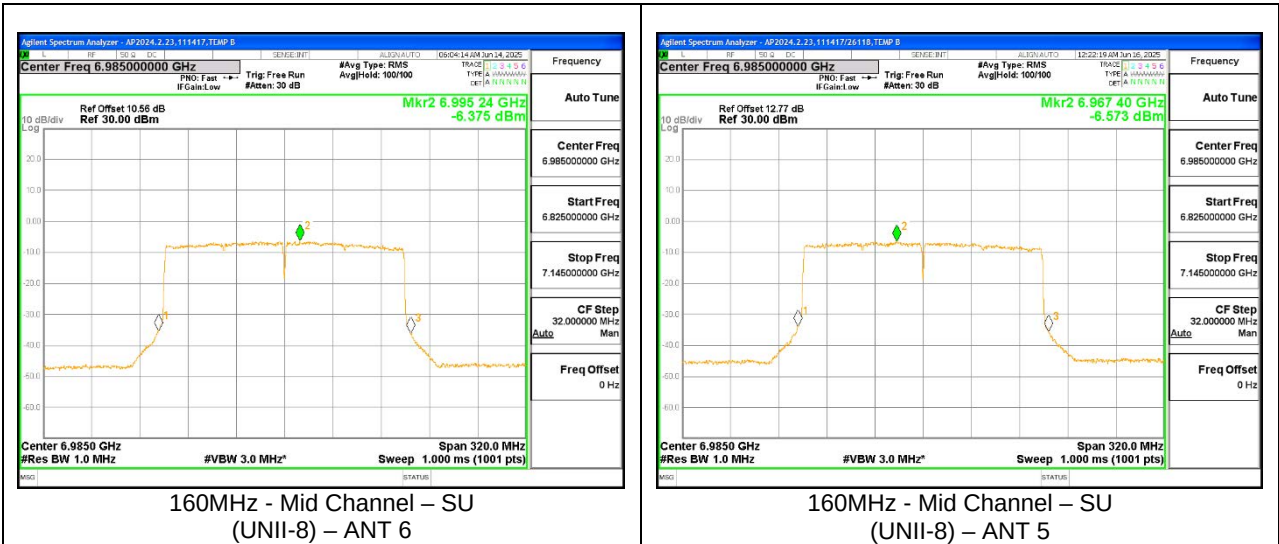
9.5.13. 802.11be MIMO CDD MODE IN THE UNII-8 BAND – LOW POWER

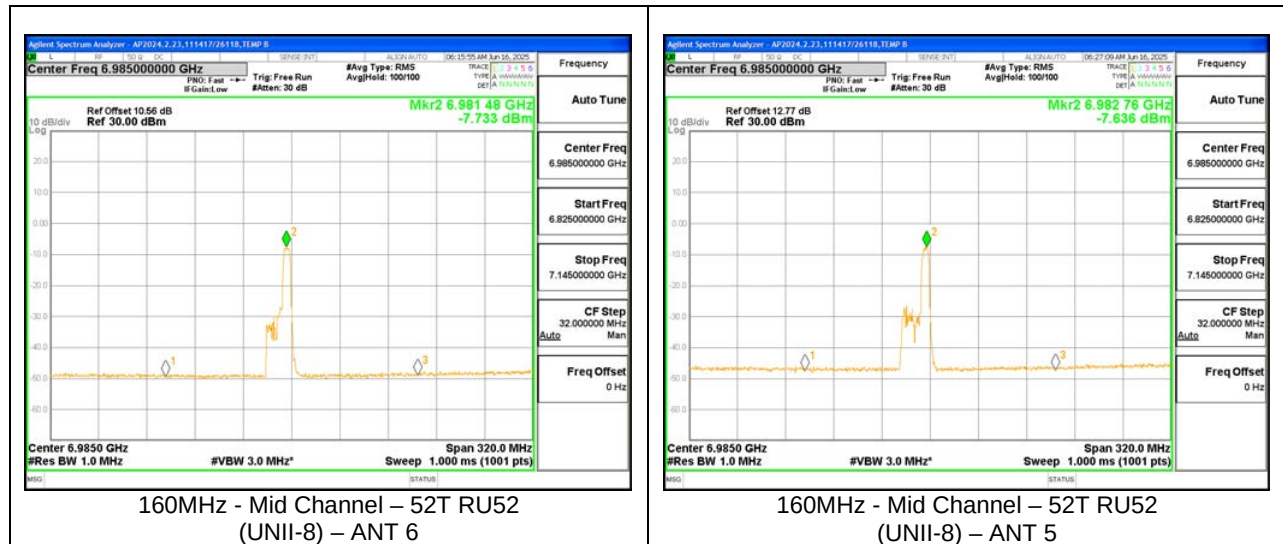
LP CDD UNII-8 (MIMO)	Duty Factor (dB)		Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 24dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -1 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0	0	-1.41	1.56	6895	189	SU	--	4.65	4.56	6.21	-6.633	-7.162	-2.319
							106	53	1.21	1.23	2.82	-7.224	-7.435	-2.758
								54	1.22	1.22	2.82	-7.162	-7.162	-2.592
					6995	209	SU	--	4.61	4.55	6.18	-6.375	-6.854	-2.038
							106	53	1.25	1.25	2.85	-6.907	-6.911	-2.339
								54	1.20	1.25	2.83	-6.806	-6.854	-2.260
					7095	229	SU	--	4.79	4.73	6.36	-5.857	-5.909	-1.313
							106	53	1.45	1.42	3.04	-6.577	-6.586	-2.011
								54	1.39	1.40	3.00	-7.106	-6.854	-2.408
40MHz	0	0	0.32	3.32	6885 (Straddle)	187	SU	--	5.84	5.78	9.14	-8.633	-8.832	-2.401
							106	53	-0.49	-0.47	2.85	-9.434	-9.020	-2.892
								54	-0.49	-0.46	2.86	-8.821	-9.035	-2.596
					6965	203	SU	--	7.42	7.40	9.01	-6.801	-6.997	-2.328
							106	53	1.35	1.32	2.94	-7.346	-7.193	-2.699
								54	1.30	1.31	2.91	-6.992	-7.083	-2.467
			-1.41	1.56	7085	227	SU	--	7.54	7.57	9.16	-6.256	-6.580	-1.845
							106	53	1.19	1.22	2.81	-7.100	-7.049	-2.504
								54	1.20	1.24	2.82	-6.891	-6.850	-2.300
					7025	215	SU	--	10.61	10.60	12.21	-6.883	-6.957	-2.350
							106+26	82	2.22	2.22	3.82	-7.499	-7.735	-3.045
								85	2.21	2.23	3.82	-7.584	-7.326	-2.883
80MHz	0	0	-1.41	1.56	6945	199	SU	--	10.63	10.65	12.24	-6.732	-6.610	-2.100
							106+26	82	2.21	2.19	3.80	-7.396	-7.271	-2.763
								85	2.25	2.18	3.82	-7.003	-7.049	-2.456
			-1.41	1.56	7025	215	SU	--	10.63	10.65	12.24	-6.732	-6.610	-2.100
							106+26	82	2.21	2.19	3.80	-7.396	-7.271	-2.763
								85	2.25	2.18	3.82	-7.003	-7.049	-2.456
			-1.41	1.56	7025	215	SU	--	10.63	10.65	12.24	-6.732	-6.610	-2.100
							106+26	82	2.21	2.19	3.80	-7.396	-7.271	-2.763
								85	2.25	2.18	3.82	-7.003	-7.049	-2.456
160MHz	0	0.09	-1.41	1.56	6985	207	SU	--	13.45	13.45	15.05	-6.375	-6.573	-1.903
							52	37	-2.04	-2.01	-0.42	-7.760	-7.848	-3.143
								52	-2.11	-2.05	-0.48	-7.733	-7.636	-3.024
								S52	-2.08	-2.02	-0.45	-7.035	-7.234	-2.473

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)





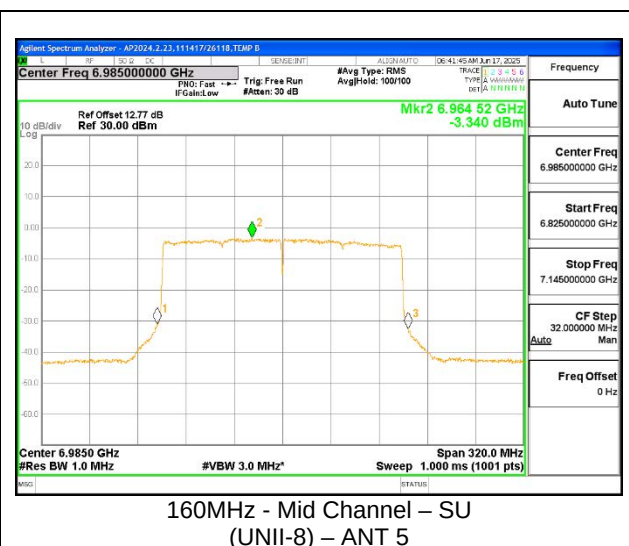
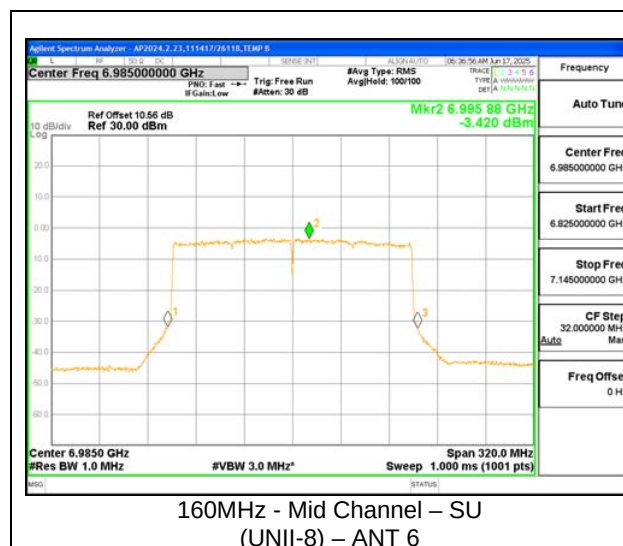
9.5.14. 802.11be MIMO SDM MODE IN THE UNII-8 BAND – LOW POWER

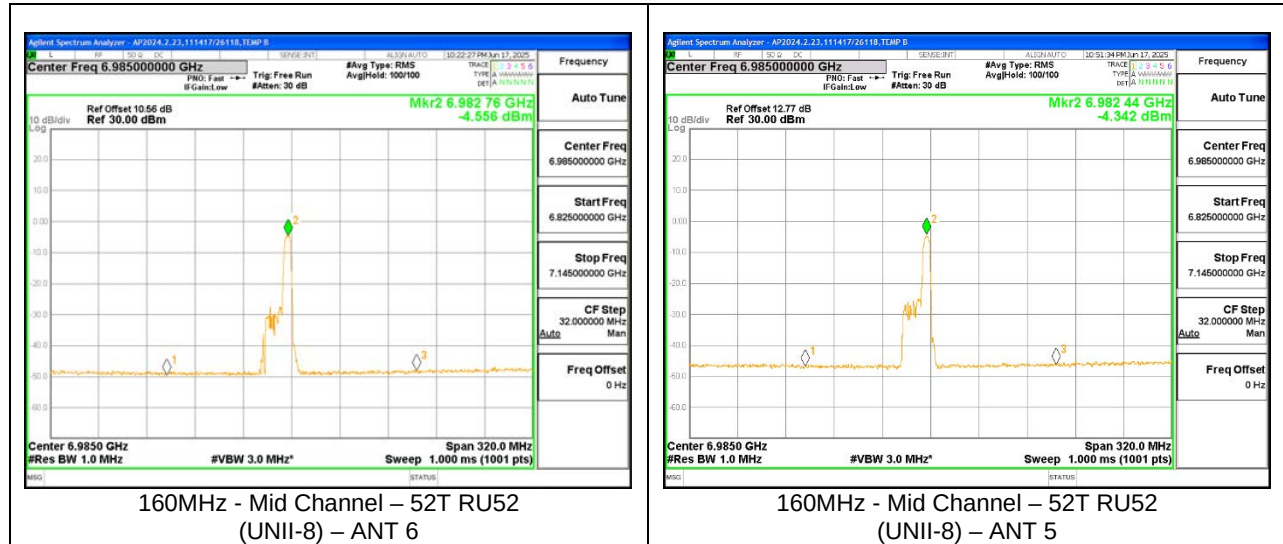
LP SDM UNII-8 (MIMO)	Duty Factor (dB)		Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 24dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -1 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0	0	-1.41	1.56	6895	189	SU	--	7.55	7.45	9.10	-3.613	-3.751	-2.081
							106	53	4.20	4.25	5.83	-3.688	-3.646	-2.067
								54	4.19	4.25	5.82	-3.764	-3.564	-2.063
					6995	209	SU	--	7.55	7.50	9.13	-3.906	-3.851	-2.278
							106	53	4.20	4.25	5.83	-3.889	-3.761	-2.224
								54	4.15	4.10	5.73	-4.263	-3.852	-2.452
					7095	229	SU	--	7.73	7.80	9.37	-3.578	-3.355	-1.865
							106	53	4.43	4.45	6.04	-3.653	-3.608	-2.030
								54	4.41	4.42	6.02	-3.665	-3.763	-2.113
40MHz	0	0	0.32	3.32	6885 (Straddle)	187	SU	--	8.75	8.73	12.07	-5.747	-5.942	-2.513
							106	53	2.45	2.48	5.80	-5.762	-5.997	-2.548
								54	2.55	2.53	5.87	-5.541	-5.902	-2.387
								56	2.45	2.53	5.82	-6.004	-6.185	-2.763
			-1.41	1.56	6965	203	SU	--	10.35	10.43	11.99	-3.935	-3.936	-2.335
							106	53	4.15	4.23	5.79	-4.505	-3.952	-2.619
								54	4.25	4.15	5.80	-4.325	-3.949	-2.533
								56	4.15	4.23	5.79	-4.545	-4.096	-2.714
					7085	227	SU	--	10.44	10.36	12.00	-3.705	-3.930	-2.216
							106	53	4.12	4.08	5.70	-4.555	-4.348	-2.850
								54	4.15	4.25	5.80	-4.116	-4.013	-2.464
								56	4.10	4.08	5.69	-4.064	-4.081	-2.472
80MHz	0	0	-1.41	1.56	6945	199	SU	--	13.58	13.55	15.17	-3.723	-3.905	-2.213
							106+26	82	5.22	5.20	6.81	-4.674	-4.358	-2.913
								85	5.23	5.20	6.82	-4.392	-4.414	-2.803
								89	5.21	5.25	6.83	-4.478	-4.464	-2.871
			-1.41	1.56	7025	215	SU	--	13.52	13.45	15.09	-3.673	-3.718	-2.095
							106+26	82	5.15	5.11	6.73	-4.263	-4.213	-2.638
								85	5.12	5.10	6.71	-4.136	-4.350	-2.641
								89	5.14	5.07	6.71	-4.382	-4.222	-2.701
160MHz	0	0	-1.41	1.56	6985	207	SU	--	16.41	16.44	18.03	-3.420	-3.340	-1.780
							52	37	0.94	0.92	2.53	-4.735	-4.577	-3.055
								52	0.92	0.95	2.54	-4.556	-4.342	-2.847
								S52	0.95	0.91	2.53	-4.860	-4.537	-3.095

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, SP and VLP 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 UNII-5 (SISO)	Duty Factor (dB)		ANT 6 Gain (dBi)	ANT 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		ERP Power (Limit = 30dBm ERP)		Conducted PSD (dBm/MHz)		ERP PSD (Limit = 17 dBm/MHz ERP)					
	SU	Partial RU							ANT 6	ANT 5	ANT 6	ANT 5	ANT 6	ANT 5	ANT 6	ANT 5				
20MHz	0	0	0.50	-1.30	5955	1	SU	--	18.95	18.95	19.45	17.65	7.955	7.858	8.455	6.558				
							26	0	17.59	18.84	18.09	17.54	14.749	16.264	15.249	14.964				
								4	17.60	18.86	18.10	17.56	14.543	15.906	15.043	14.606				
								8	17.58	18.88	18.08	17.58	14.962	16.312	15.462	15.012				
							SU	--	18.93	18.78	18.13	19.68	8.311	7.818	7.511	8.718				
							26	0	18.67	18.75	17.87	19.65	15.436	15.319	14.636	16.219				
			4	18.69	18.78	17.89		19.68	14.876	14.805	14.076	15.705								
			8	18.68	18.76	17.88		19.66	15.474	15.465	14.674	16.365								
			-0.80	0.90	6175	45	SU	--	18.81	18.75	18.81	16.25	7.817	7.509	7.817	5.009				
							26	0	18.28	18.85	18.28	16.35	15.098	15.889	15.098	13.389				
								4	18.29	18.87	18.29	16.37	14.796	15.872	14.796	13.372				
								8	18.27	18.86	18.27	16.36	15.245	16.264	15.245	13.764				
0.00	-2.50	6415					93	SU	--	18.95	18.91	19.45	17.61	3.813	3.778	4.313	2.478			
								26	0	17.63	18.94	18.13	17.64	14.384	15.492	14.884	14.192			
			9	17.65	18.91	18.15			17.61	14.439	15.625	14.939	14.325							
			17	17.64	18.92	18.14			17.62	14.205	15.770	14.705	14.470							
			SU	--	18.92	18.95		18.12	19.85	2.765	3.050	1.965	3.950							
			26	0	18.72	18.81		17.92	19.71	14.143	13.822	13.343	14.722							
9	18.73	18.82		17.93	19.72	14.484	14.177	13.684	15.077											
17	18.75	18.83		17.95	19.73	14.395	14.054	13.595	14.954											
40MHz	0	0	0.50	-1.30	5965	3	SU	--	18.95	18.91	19.45	17.61	3.813	3.778	4.313	2.478				
							26	0	17.63	18.94	18.13	17.64	14.384	15.492	14.884	14.192				
								9	17.65	18.91	18.15	17.61	14.439	15.625	14.939	14.325				
								17	17.64	18.92	18.14	17.62	14.205	15.770	14.705	14.470				
							SU	--	18.92	18.95	18.12	19.85	2.765	3.050	1.965	3.950				
							26	0	18.72	18.81	17.92	19.71	14.143	13.822	13.343	14.722				
			9	18.73	18.82	17.93		19.72	14.484	14.177	13.684	15.077								
			17	18.75	18.83	17.95		19.73	14.395	14.054	13.595	14.954								
			-0.80	0.90	6165	43	SU	--	18.94	18.92	18.94	16.42	2.990	3.345	2.990	0.845				
							26	0	18.22	18.91	18.22	16.41	13.862	13.790	13.862	11.290				
								9	18.25	18.92	18.25	16.42	14.725	14.188	14.725	11.688				
								17	18.24	18.94	18.24	16.44	14.265	14.045	14.265	11.545				
0.00	-2.50	6405					91	SU	--	18.89	18.94	19.39	17.64	1.010	0.838	1.510	-0.462			
								26	0	17.51	18.91	18.01	17.61	13.987	15.445	14.487	14.145			
			17	17.52	18.92	18.02			17.62	13.628	15.505	14.128	14.205							
			36	17.55	18.94	18.05			17.64	14.090	15.666	14.590	14.366							
			SU	--	18.93	18.91		18.13	19.81	0.668	0.543	-0.132	1.443							
			26	0	18.70	18.83		17.90	19.73	14.779	14.821	13.979	15.721							
17	18.74	18.81		17.94	19.71	15.021	14.865	14.221	15.765											
36	18.73	18.81		17.93	19.71	14.773	14.799	13.973	15.699											
80MHz	0	0	0.50	-1.30	5985	7	SU	--	18.89	18.94	19.39	17.64	1.010	0.838	1.510	-0.462				
							26	0	17.51	18.91	18.01	17.61	13.987	15.445	14.487	14.145				
								17	17.52	18.92	18.02	17.62	13.628	15.505	14.128	14.205				
								36	17.55	18.94	18.05	17.64	14.090	15.666	14.590	14.366				
							SU	--	18.93	18.91	18.13	19.81	0.668	0.543	-0.132	1.443				
							26	0	18.70	18.83	17.90	19.73	14.779	14.821	13.979	15.721				
			17	18.74	18.81	17.94		19.71	15.021	14.865	14.221	15.765								
			36	18.73	18.81	17.93		19.71	14.773	14.799	13.973	15.699								
			-0.80	0.90	6145	39	SU	--	18.91	18.93	18.91	16.43	0.600	0.511	0.600	-1.989				
							26	0	18.12	18.92	18.12	16.42	14.473	15.046	14.473	12.546				
								17	18.14	18.95	18.14	16.45	14.451	15.233	14.451	12.733				
								36	18.13	18.93	18.13	16.43	14.521	15.250	14.521	12.750				
0.00	-2.50	6385					87	SU	--	18.41	18.45	18.91	17.15	-2.144	-1.812	-1.644	-3.112			
								26	0	17.41	18.45	17.91	17.15	14.751	14.930	15.251	13.630			
			36	17.43	18.41	17.93			17.11	14.449	15.088	14.949	13.788							
			S36	17.42	18.42	17.92			17.12	14.487	15.085	14.987	13.785							
			SU	--	18.39	18.41		17.59	19.31	-2.437	-2.291	-3.237	-1.391							
			26	0	18.42	18.43		17.62	19.33	15.490	15.136	14.690	16.036							
36	18.44	18.45		17.64	19.35	15.356	15.201	14.556	16.101											
S36	18.40	18.45		17.60	19.35	15.115	15.080	14.315	15.980											
160MHz	0	0	0.50	-1.30	6025	15	SU	--	18.42	18.43	18.42	15.93	-2.502	-2.277	-2.502	-4.777				
							26	0	17.92	18.42	17.92	15.92	14.416	14.902	14.416	12.402				
								36	17.95	18.41	17.95	15.91	14.538	15.192	14.538	12.692				
								S36	17.92	18.40	17.92	15.90	14.470	15.073	14.470	12.573				
							-0.80	0.90	6185	47	SU	--	18.41	18.45	18.91	17.15	-2.144	-1.812	-1.644	-3.112
											26	0	17.41	18.45	17.91	17.15	14.751	14.930	15.251	13.630
			36	17.43	18.41	17.93						17.11	14.449	15.088	14.949	13.788				
			S36	17.42	18.42	17.92						17.12	14.487	15.085	14.987	13.785				
			SU	--	18.39	18.41					17.59	19.31	-2.437	-2.291	-3.237	-1.391				
			26	0	18.42	18.43					17.62	19.33	15.490	15.136	14.690	16.036				
				36	18.44	18.45	17.64	19.35	15.356	15.201	14.556	16.101								
				S36	18.40	18.45	17.60	19.35	15.115	15.080	14.315	15.980								
0.00	-2.50	6345	79	SU	--	18.42	18.43	18.42	15.93	-2.502	-2.277	-2.502	-4.777							
				26	0	17.92	18.42	17.92	15.92	14.416	14.902	14.416	12.402							
					36	17.95	18.41	17.95	15.91	14.538	15.192	14.538	12.692							
					S36	17.92	18.40	17.92	15.90	14.470	15.073	14.470	12.573							

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 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 = 30dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = 17 dBm/MHz EIRP)
	SU	Partial Rus							ANT 6	ANT 5		ANT 6	ANT 5	
20MHz	0	0	-0.31	2.66	5955	1	SU	--	18.91	18.95	21.63	7.792	7.576	13.356
							52	37	15.09	15.18	17.84	9.883	9.744	15.484
								38	15.10	15.19	17.85	9.853	9.976	15.585
								40	15.08	15.20	17.84	10.028	10.072	15.720
			-0.85	2.16	6175	45	SU	--	18.95	18.89	21.08	8.116	7.670	13.069
							52	37	15.39	15.48	17.60	9.663	9.716	14.860
								38	15.38	15.47	17.59	9.642	9.524	14.754
								40	15.39	15.50	17.61	9.890	9.531	14.885
			-1.07	1.85	6415	93	SU	--	18.84	18.92	20.82	8.059	7.693	12.740
							52	37	15.99	16.09	17.98	10.251	10.336	15.154
								38	15.97	16.07	17.96	10.496	10.394	15.306
								40	16.00	16.10	17.99	10.301	10.499	15.261
40MHz	0	0	-0.31	2.66	5965	3	SU	--	18.92	18.93	21.63	3.806	4.088	9.620
							26	0	12.45	12.42	15.14	9.190	9.364	14.948
								9	12.42	12.45	15.14	8.889	9.265	14.751
								17	12.44	12.43	15.14	8.768	9.127	14.622
			-0.85	2.16	6165	43	SU	--	18.91	18.91	21.07	3.108	3.199	8.324
							26	0	12.71	12.71	14.87	8.382	8.545	13.635
								9	12.70	12.73	14.88	8.390	8.634	13.684
								17	12.73	12.72	14.89	8.404	8.686	13.718
			-1.07	1.85	6405	91	SU	--	18.94	18.94	20.88	2.975	3.230	7.965
							26	0	13.31	13.32	15.26	9.150	9.045	13.958
								9	13.32	13.31	15.26	9.120	9.264	14.053
								17	13.35	13.30	15.27	9.385	9.499	14.303
80MHz	0	0	-0.31	2.66	5985	7	SU	--	18.90	18.87	21.58	0.896	1.042	6.640
							106	53	16.70	16.70	19.40	7.514	7.780	13.319
								56	16.72	16.71	19.41	7.874	7.787	13.501
								60	16.69	16.73	19.41	7.703	7.839	13.442
			-0.85	2.16	6145	39	SU	--	18.92	18.93	21.08	0.658	0.705	5.852
							106	53	18.50	18.52	20.67	9.111	8.970	14.211
								56	18.52	18.51	20.67	9.268	8.987	14.300
								60	18.51	18.54	20.68	9.335	8.972	14.328
			-1.07	1.85	6385	87	SU	--	18.95	18.95	20.89	0.521	0.703	5.473
							106	53	18.90	18.93	20.85	9.417	9.107	14.125
								56	18.92	18.92	20.86	9.407	9.102	14.117
								60	18.94	18.95	20.88	9.683	9.301	14.356
160MHz	0	0.12	-0.31	2.66	6025	15	SU	--	18.43	18.42	21.13	-2.284	-2.150	3.454
							106	53	16.81	16.83	19.52	8.105	7.877	13.783
								60	16.80	16.84	19.52	8.244	7.922	13.876
								S60	16.78	16.82	19.50	7.865	7.774	13.610
			-0.85	2.16	6185	47	SU	--	18.39	18.44	20.58	-2.487	-2.119	2.871
							106	53	17.31	17.32	19.48	8.473	8.285	13.670
								60	17.33	17.33	19.49	8.476	8.087	13.576
								S60	17.35	17.31	19.49	8.188	8.118	13.443
			-1.07	1.85	6345	79	SU	--	18.38	18.43	20.35	-2.543	-2.295	2.443
							106	53	17.61	17.62	19.56	8.492	8.462	13.457
								60	17.59	17.65	19.56	8.646	8.455	13.532
								S60	17.64	17.64	19.58	8.879	8.693	13.767

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 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 = 30dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = 17 dBm/MHz EIRP)
	SU	Partial RUs							ANT 6	ANT 5		ANT 6	ANT 5	
20MHz	0	0	-0.31	2.66	5955	1	SU	--	18.95	18.81	21.58	7.461	7.202	10.034
							52	37	18.04	18.15	20.80	12.346	12.393	15.070
								38	18.03	18.14	20.79	12.331	12.568	15.151
								40	18.06	18.12	20.79	12.392	12.668	15.232
			-0.85	2.16	6175	45	SU	--	18.72	18.90	20.97	7.398	7.671	9.697
							52	37	18.43	18.53	20.64	11.882	12.182	14.195
								38	18.44	18.52	20.64	11.935	12.158	14.208
								40	18.42	18.54	20.64	12.195	12.204	14.360
			-1.07	1.85	6415	93	SU	--	18.82	18.90	20.80	7.359	7.237	9.239
							52	37	18.84	18.91	20.82	11.975	12.385	14.125
								38	18.81	18.94	20.82	12.236	12.430	14.274
								40	18.82	18.93	20.82	12.119	12.429	14.217
40MHz	0	0	-0.31	2.66	5965	3	SU	--	18.79	18.76	21.48	4.544	4.576	7.260
							26	0	15.26	15.33	18.00	11.617	11.866	14.444
								9	15.25	15.35	18.00	11.964	12.043	14.704
								17	15.28	15.32	18.00	11.864	12.086	14.677
			-0.85	2.16	6165	43	SU	--	18.95	18.91	21.09	4.810	4.691	6.911
							26	0	15.66	15.75	17.87	10.618	10.785	12.863
								9	15.64	15.70	17.83	10.898	11.270	13.248
								17	15.68	15.73	17.87	10.711	10.965	13.000
			-1.07	1.85	6405	91	SU	--	18.81	18.82	20.76	4.875	4.624	6.692
							26	0	16.15	16.21	18.12	11.248	11.143	13.136
								9	16.14	16.24	18.13	11.214	11.460	13.279
								17	16.16	16.23	18.14	11.393	11.689	13.484
80MHz	0	0	-0.31	2.66	5985	7	SU	--	18.86	18.85	21.56	1.468	1.492	4.180
							106	53	18.90	18.91	21.61	9.645	9.731	12.389
								56	18.92	18.92	21.62	9.489	9.611	12.251
								60	18.91	18.93	21.62	9.287	9.539	12.115
			-0.85	2.16	6145	39	SU	--	18.89	18.76	20.99	1.873	1.572	3.885
							106	53	18.89	18.95	21.08	8.398	8.535	10.627
								56	18.93	18.89	21.07	8.698	8.725	10.872
								60	18.92	18.88	21.06	8.703	8.800	10.912
			-1.07	1.85	6385	87	SU	--	18.76	18.74	20.69	1.267	1.232	3.190
							106	53	18.91	18.92	20.86	9.390	9.337	11.304
								56	18.93	18.91	20.86	9.636	9.460	11.489
								60	18.95	18.92	20.88	9.598	9.811	11.646
160MHz	0	0	-0.31	2.66	6025	15	SU	--	18.41	18.33	21.07	-1.627	-1.564	1.105
							106	53	18.41	18.44	21.13	9.599	9.843	12.423
								60	18.42	18.43	21.13	9.759	9.816	12.488
								S60	18.44	18.45	21.15	9.330	9.590	12.162
			-0.85	2.16	6185	47	SU	--	18.39	18.36	20.54	-1.782	-1.566	0.488
							106	53	18.40	18.40	20.56	9.591	9.775	11.844
								60	18.42	18.43	20.59	9.630	9.537	11.744
								S60	18.41	18.45	20.59	9.795	9.572	11.845
			-1.07	1.85	6345	79	SU	--	18.44	18.40	20.36	-2.031	-1.849	0.001
							106	53	18.45	18.39	20.36	9.557	9.468	11.453
								60	18.40	18.44	20.36	9.690	9.754	11.662
								S60	18.44	18.41	20.37	9.642	9.811	11.668

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 UNII-7 (SISO)	Duty Factor (dB)		ANT 6 Gain (dBi)	ANT 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 30dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = 17 dBm/MHz EIRP)	
	SU	Partial RU							ANT 6	ANT 5	ANT 6	ANT 5	ANT 6	ANT 5	ANT 6	ANT 5
20MHz	0	0	-0.10	0.70	6535	117	SU	--	18.32	18.35	18.22	19.05	6.762	6.820	6.662	7.520
							26	0	18.05	17.35	17.95	18.05	15.838	14.947	15.738	15.647
								4	17.99	17.25	17.89	17.95	14.551	13.777	14.451	14.477
								8	18.01	17.31	17.91	18.01	15.728	14.841	15.628	15.541
					6715	153	SU	--	18.43	18.41	18.33	19.11	7.159	6.957	7.059	7.657
							26	0	17.94	17.26	17.84	17.96	15.228	14.675	15.128	15.375
								4	17.93	17.28	17.83	17.98	14.409	13.722	14.309	14.422
								8	17.95	17.25	17.85	17.95	15.449	14.542	15.349	15.242
					6855	181	SU	--	18.41	18.35	18.31	19.05	6.847	6.768	6.747	7.468
							26	0	17.96	17.28	17.86	17.98	15.256	14.953	15.156	15.653
								4	18.03	17.26	17.93	17.96	14.374	13.655	14.274	14.355
								8	17.95	17.24	17.85	17.94	15.598	14.635	15.498	15.335
40MHz	0	0	-0.10	0.70	6565	123	SU	--	18.43	18.36	18.33	19.06	3.854	3.863	3.754	4.563
							26	0	18.11	17.35	18.01	18.05	15.360	14.904	15.260	15.604
								9	18.15	17.30	18.05	18.00	15.690	14.803	15.590	15.503
								17	18.07	17.27	17.97	17.97	15.442	14.594	15.342	15.294
					6685	147	SU	--	18.44	18.38	18.34	19.08	3.994	3.873	3.894	4.573
							26	0	18.03	17.30	17.93	18.00	15.503	14.505	15.403	15.205
								9	18.10	17.34	18.00	18.04	15.504	14.764	15.404	15.464
								17	18.11	17.24	18.01	17.94	15.427	14.415	15.327	15.115
					6845	179	SU	--	18.31	18.34	18.21	19.04	3.226	3.421	3.126	4.121
							26	0	18.12	17.33	18.02	18.03	15.242	14.466	15.142	15.166
								9	18.15	17.28	18.05	17.98	15.265	14.348	15.165	15.048
								17	18.07	17.27	17.97	17.97	15.272	14.431	15.172	15.131
80MHz (FCC)	0	0	-0.10	0.70	6625	135	SU	--	18.34	18.44	18.24	19.14	0.604	0.924	0.504	1.624
							26	0	18.08	17.35	17.98	18.05	15.074	14.915	14.974	15.615
								17	18.10	17.25	18.00	17.95	15.151	14.703	15.051	15.403
								36	18.11	17.33	18.01	18.03	15.449	14.370	15.349	15.070
80MHz	0	0	-0.10	0.70	6705	151	SU	--	18.38	18.38	18.28	19.08	0.963	0.780	0.863	1.480
							26	0	18.11	17.27	18.01	17.97	15.080	14.879	14.980	15.579
								17	18.12	17.33	18.02	18.03	15.185	14.315	15.085	15.015
							26	36	18.15	17.31	18.05	18.01	15.243	14.861	15.143	15.561
					6785	167	SU	--	18.31	18.40	18.21	19.10	0.688	0.803	0.588	1.503
							26	0	18.07	17.35	17.97	18.05	14.822	15.013	14.722	15.713
								17	18.13	17.30	18.03	18.00	15.339	14.788	15.239	15.488
160MHz	0	0	-0.10	0.70	6665	143	SU	--	17.95	17.91	17.85	18.61	-2.272	-1.987	-2.372	-1.287
							26	0	17.92	17.35	17.82	18.05	14.900	14.543	14.800	15.243
								36	17.95	17.26	17.85	17.96	15.294	14.423	15.194	15.123
								S36	17.90	17.30	17.80	18.00	14.663	14.884	14.563	15.584

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 UNII-7 (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 = 30dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = 17 dBm/MHz EIRP)
	SU	Partial Rus							ANT 6	ANT 5		ANT 6	ANT 5	
20MHz	0	0	0.32	3.32	6535	117	SU	--	18.36	18.32	21.67	6.784	6.793	13.119
							52	37	14.31	14.35	17.66	9.041	9.311	15.508
								38	14.33	14.29	17.64	8.884	9.120	15.334
								40	14.29	14.30	17.63	9.124	9.058	15.421
					6715	153	SU	--	18.44	18.36	21.73	7.145	7.012	13.409
							52	37	14.24	14.32	17.61	8.779	9.154	15.301
								38	14.33	14.23	17.61	8.868	8.850	15.189
								40	14.26	14.29	17.61	9.192	9.307	15.580
					6855	181	SU	--	18.43	18.43	21.76	6.714	6.827	13.101
							52	37	14.35	14.31	17.66	8.919	9.012	15.296
								38	14.28	14.21	17.58	9.018	8.985	15.332
								40	14.27	14.25	17.59	9.261	8.806	15.370
40MHz	0	0	0.32	3.32	6565	123	SU	--	18.39	18.37	21.71	3.697	3.821	10.090
							52	37	14.34	14.31	17.66	9.590	9.888	16.072
								41	14.35	14.33	17.67	9.878	9.797	16.168
								44	14.32	14.35	17.67	9.654	9.717	16.016
					6685	147	SU	--	18.40	18.36	21.71	3.843	3.749	10.127
							52	37	14.36	14.33	17.68	9.598	9.753	16.006
								41	14.33	14.36	17.68	9.404	9.602	15.834
								44	14.32	14.32	17.65	9.446	9.751	15.931
					6845	179	SU	--	18.31	18.33	21.65	3.385	3.515	9.781
							52	37	14.35	14.33	17.67	9.769	9.485	15.960
								41	14.32	14.32	17.65	9.667	9.517	15.923
								44	14.37	14.31	17.67	9.586	9.525	15.886
80MHz (FCC)	0	0	0.32	3.32	6625	135	SU	--	18.35	18.39	21.70	0.796	0.790	7.123
							26	0	11.63	11.62	14.96	8.897	9.276	15.421
								17	11.57	11.52	14.88	9.216	8.756	15.322
								36	11.59	11.58	14.92	8.656	8.934	15.128
80MHz	0	0	0.32	3.32	6705	151	SU	--	18.40	18.38	21.72	0.933	0.869	7.231
							26	0	11.59	11.62	14.94	8.912	9.190	15.384
								17	11.63	11.59	14.94	8.793	8.553	15.005
								36	11.62	11.60	14.94	8.398	8.828	14.949
					6785	167	SU	--	18.34	18.39	21.70	0.631	0.838	7.066
							26	0	11.54	11.58	14.89	8.795	9.176	15.320
								17	11.60	11.65	14.96	8.618	8.610	14.944
								36	11.60	11.61	14.94	8.906	8.697	15.133
160MHz	0	0	0.32	3.32	6665	143	SU	--	17.90	17.90	21.23	-2.320	-2.212	4.065
							26	0	11.65	11.63	14.97	8.858	9.045	15.283
								36	11.63	11.65	14.97	9.375	8.904	15.476
								S36	11.57	11.65	14.94	9.143	9.234	15.519

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 UNII-7 (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 = 30dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = 17 dBm/MHz EIRP)
	SU	Partial Rus							ANT 6	ANT 5		ANT 6	ANT 5	
20MHz	0	0	0.32	3.32	6535	117	SU	--	18.32	18.40	21.69	6.878	6.690	10.115
							52	37	17.24	17.26	20.58	12.233	12.113	15.504
								38	17.27	17.29	20.61	11.954	11.926	15.270
								40	17.25	17.32	20.62	12.104	11.967	15.366
					6715	153	SU	--	18.45	18.45	21.78	7.354	7.307	10.661
							52	37	17.21	17.31	20.59	11.902	12.052	15.308
								38	17.28	17.26	20.60	11.879	12.080	15.311
								40	17.24	17.29	20.60	12.015	12.062	15.369
					6855	181	SU	--	18.42	18.30	21.69	7.381	6.896	10.476
							52	37	17.22	17.32	20.60	11.880	11.838	15.189
								38	17.26	17.33	20.63	12.009	11.994	15.332
								40	17.26	17.33	20.63	12.071	12.165	15.449
40MHz	0	0	0.32	3.32	6565	123	SU	--	18.36	18.36	21.69	3.649	3.885	7.099
							52	37	17.32	17.33	20.66	12.683	12.687	16.015
								41	17.36	17.34	20.68	12.582	12.577	15.910
								44	17.34	17.32	20.66	12.567	12.643	15.935
					6685	147	SU	--	18.32	18.34	21.66	3.827	4.072	7.282
							52	37	17.34	17.36	20.68	12.531	12.547	15.869
								41	17.33	17.35	20.67	12.660	12.319	15.823
								44	17.33	17.33	20.66	12.571	12.200	15.720
					6845	179	SU	--	18.42	18.29	21.69	4.482	4.033	7.594
							52	37	17.35	17.32	20.67	12.650	12.663	15.987
								41	17.36	17.34	20.68	12.268	12.265	15.597
								44	17.33	17.34	20.67	12.492	12.531	15.842
80MHz (FCC)	0	0	0.32	3.32	6625	135	SU	--	18.50	18.39	21.78	0.878	1.091	4.316
							26	0	14.60	14.63	17.95	11.823	12.031	15.259
								17	14.61	14.63	17.95	11.883	12.200	15.375
								36	14.57	14.64	17.94	11.884	11.837	15.191
80MHz	0	0	0.32	3.32	6705	151	SU	--	18.49	18.32	21.74	1.169	1.021	4.426
							26	0	14.64	14.65	17.98	11.864	12.180	15.355
								17	14.62	14.63	17.96	11.943	12.248	15.428
								36	14.60	14.57	17.92	12.075	11.941	15.339
					6785	167	SU	--	18.31	18.29	21.63	0.928	0.946	4.267
							26	0	14.60	14.64	17.95	11.635	11.635	14.965
								17	14.65	14.65	17.98	12.198	11.902	15.383
								36	14.64	14.56	17.93	12.157	11.855	15.339
160MHz	0	0	0.32	3.32	6665	143	SU	--	17.89	17.85	21.20	-2.325	-2.421	0.958
							26	0	14.62	14.59	17.94	12.100	12.055	15.408
								36	14.65	14.65	17.98	12.339	12.228	15.614
							S36		14.63	14.61	17.95	12.099	11.916	15.339

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, SP and VLP 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 UNII-5 (SISO)	Duty Factor (dB)		ANT 6 Gain (dBi)	ANT 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 14dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = -5 dBm/MHz EIRP)					
	SU	Partial RU							ANT 6	ANT 5	ANT 6	ANT 5	ANT 6	ANT 5	ANT 6	ANT 5				
20MHz	0	0	-0.80	-0.90	6115	33	SU	--	6.05	6.05	5.25	5.15	-6.164	-6.017	-6.964	-6.917				
							106+26	82	3.24	3.56	2.44	2.66	-6.063	-5.859	-6.863	-6.759				
								83	3.55	3.57	2.75	2.67	-6.204	-5.761	-7.004	-6.661				
								SU	--	5.34	7.65	5.34	5.15	-6.759	-3.933	-6.759	-6.433			
							106+26	82	2.73	5.16	2.73	2.66	-7.143	-4.122	-7.143	-6.622				
								83	2.74	5.25	2.74	2.75	-6.841	-4.327	-6.841	-6.827				
			0.00	-2.50	6275	65		SU	--	5.34	7.97	5.34	5.47	-6.897	-3.729	-6.897	-6.229			
							106+26	82	2.84	5.26	2.84	2.76	-6.535	-4.147	-6.535	-6.647				
								83	2.85	5.25	2.85	2.75	-6.637	-4.402	-6.637	-6.902				
								106+26	82	2.84	5.26	2.84	2.76	-6.535	-4.147	-6.535	-6.647			
							83		2.85	5.25	2.85	2.75	-6.637	-4.402	-6.637	-6.902				
							40MHz		0	0	-0.80	-0.90	6125	35	SU	--	8.86	9.13	8.06	8.23
106+26	82	3.46	3.64	2.66	2.74	-7.369		-7.143							-8.169	-8.043				
	84	3.45	3.63	2.65	2.73	-7.235		-6.906							-8.035	-7.806				
	85	3.47	3.65	2.67	2.75	-7.232		-6.951							-8.032	-7.851				
	SU	--	8.15	10.66	8.15	8.16		-7.920							-5.001	-7.920	-7.501			
0.00	-2.50	6285	67	106+26	82	2.64		5.43							2.64	2.93	-8.060	-5.194	-8.060	-7.694
				84	2.67	5.34		2.67			2.84	-8.016	-5.066	-8.016	-7.566					
				85	2.56	5.44		2.56			2.94	-8.009	-5.098	-8.009	-7.598					
				106+26	SU	--		8.25			11.13	8.25	8.63	-7.620	-4.701	-7.620	-7.201			
					82	2.74		5.35			2.74	2.85	-7.820	-5.004	-7.820	-7.504				
					84	2.76		5.34			2.76	2.84	-7.707	-5.140	-7.707	-7.640				
85	2.75	5.33	2.75		2.83	-7.623		-5.136			-7.623	-7.636								
80MHz	0	0	-0.80	-0.90	6145	39	SU	--	12.12	12.24	11.32	11.34	-6.951	-6.222	-7.751	-7.122				
							106	53	2.42	2.73	1.62	1.83	-7.547	-6.984	-8.347	-7.884				
								56	2.40	2.74	1.60	1.84	-7.366	-6.702	-8.166	-7.602				
								60	2.41	2.75	1.61	1.85	-7.430	-7.051	-8.230	-7.951				
								SU	--	11.21	13.70	11.21	11.20	-7.989	-5.137	-7.989	-7.637			
							0.00	-2.50	6305	71	106	53	1.95	4.43	1.95	1.93	-7.945	-5.693	-7.945	-8.193
			56	1.91	4.45	1.91					1.95	-8.313	-5.448	-8.313	-7.948					
			60	1.92	4.44	1.92					1.94	-7.765	-5.592	-7.765	-8.092					
			SU	--	11.02	13.93					11.02	11.43	-8.058	-4.859	-8.058	-7.359				
			106	53	1.90	4.53					1.90	2.03	-7.953	-5.392	-7.953	-7.892				
			56	1.93	4.54	1.93					2.04	-8.043	-5.113	-8.043	-7.613					
			160MHz	0	0.11	-0.80	-0.90	6185	47	SU	--	13.63	13.83	12.83	12.93	-7.331	-7.278	-8.131	-8.178	
242	61	6.04								6.15	5.24	5.25	-6.223	-6.068	-6.913	-6.858				
	64	6.05								6.12	5.25	5.22	-6.083	-6.362	-6.773	-7.152				
	S64	6.03								6.13	5.23	5.23	-6.031	-6.247	-6.721	-7.037				
0.00	-2.50	6345								79	SU	--	12.84	15.43	12.84	12.93	-7.459	-5.590	-7.459	-8.090
											242	61	5.34	7.73	5.34	5.23	-6.881	-4.842	-6.771	-7.232
						64	5.33	7.74	5.33			5.24	-6.753	-4.861	-6.643	-7.251				
						S64	5.35	7.72	5.35			5.22	-6.502	-4.705	-6.392	-7.095				

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	-0.85	2.16	6115	33	SU	--	0.05	0.05	2.21	-11.897	-11.776	-6.666			
							106+26	82	-2.49	-2.50	-0.33	-12.466	-12.375	-7.250			
								83	-2.48	-2.51	-0.33	-12.326	-12.378	-7.182			
			-1.07	1.85	6275	65	SU	--	0.38	0.36	2.31	-11.568	-11.375	-6.610			
							106+26	82	-2.19	-2.20	-0.25	-12.036	-11.668	-6.988			
								83	-2.18	-2.18	-0.24	-11.892	-11.803	-6.987			
			-1.07	1.85	6415	93	SU	--	0.55	0.54	2.49	-11.229	-11.273	-6.391			
							106+26	82	-2.12	-2.10	-0.17	-11.898	-11.631	-6.902			
								83	-2.10	-2.14	-0.18	-11.740	-11.794	-6.907			
			40MHz	0	0	-0.85	2.16	6125	35	SU	--	3.01	3.02	5.18	-12.801	-12.767	-7.614
										242	61	0.02	0.03	2.19	-13.020	-12.936	-7.807
											62	0.05	0.01	2.19	-12.936	-13.074	-7.834
-1.07	1.85	6285				67	SU	--	3.33	3.35	5.28	-12.397	-12.540	-7.608			
							242	61	0.34	0.31	2.27	-12.435	-12.569	-7.641			
								62	0.35	0.30	2.27	-12.480	-12.681	-7.719			
-1.07	1.85	6405				91	SU	--	3.53	3.51	5.46	-12.047	-12.174	-7.250			
							242	61	0.52	0.51	2.46	-12.226	-12.309	-7.407			
								62	0.53	0.52	2.47	-11.843	-12.160	-7.138			
80MHz	0	0				-0.85	2.16	6145	39	SU	--	6.15	6.11	8.29	-12.540	-12.403	-7.301
										106+26	82	-2.49	-2.52	-0.34	-13.502	-13.116	-8.134
											85	-2.48	-2.53	-0.34	-13.047	-12.856	-7.780
			89	-2.49	-2.52	-0.34	-13.594	-12.895	-8.060								
			-1.07	1.85	6305	71	SU	--	6.35	6.35	8.29	-12.568	-12.407	-7.626			
							106+26	82	-1.99	-2.03	-0.07	-12.687	-12.626	-7.796			
								85	-1.96	-2.02	-0.05	-12.553	-12.623	-7.728			
			-1.07	1.85	6385	87	89	-1.98	-2.04	-0.07	-12.478	-12.718	-7.736				
							106+26	SU	--	6.25	6.24	8.19	-12.410	-12.258	-7.473		
								82	-2.16	-2.22	-0.25	-13.267	-12.875	-8.206			
			85	-2.18	-2.23	-0.26		-12.731	-12.707	-7.859							
			89	-2.19	-2.24	-0.27	-12.848	-12.838	-7.983								
160MHz	0	0	-0.85	2.16	6185	47	SU	--	8.95	8.95	11.11	-11.656	-11.604	-6.460			
							106+26	82	-2.36	-2.37	-0.21	-12.351	-12.309	-7.160			
								89	-2.39	-2.41	-0.24	-12.266	-12.271	-7.098			
								S89	-2.38	-2.38	-0.22	-12.353	-12.210	-7.111			
			-1.07	1.85	6345	79	SU	--	9.22	9.21	11.15	-11.247	-11.272	-6.399			
							106+26	82	-2.00	-2.02	-0.07	-12.063	-11.909	-7.125			
								89	-1.96	-2.01	-0.05	-11.805	-11.911	-6.997			
								S89	-1.98	-2.02	-0.06	-11.811	-11.475	-6.779			

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 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	-0.85	2.16	6115	33	SU	--	3.02	2.87	5.11	-8.476	-8.640	-6.397
							106+26	82	0.53	0.64	2.75	-8.630	-8.359	-6.332
							106+26	83	0.48	0.65	2.73	-8.509	-8.463	-6.326
			-1.07	1.85	6275	65	SU	--	3.14	3.11	5.07	-8.314	-8.203	-6.318
							106+26	82	0.76	0.73	2.69	-7.859	-7.837	-5.908
							106+26	83	0.71	0.69	2.64	-8.044	-7.860	-6.011
			-1.07	1.85	6415	93	SU	--	3.28	3.27	5.22	-7.885	-7.883	-5.944
							106+26	82	0.80	0.82	2.75	-7.866	-7.947	-5.966
							106+26	83	0.85	0.72	2.73	-7.693	-8.088	-5.946
40MHz	0	0	-0.85	2.16	6125	35	SU	--	6.04	5.88	8.12	-8.502	-8.553	-6.367
							242	61	3.05	2.98	5.18	-8.440	-8.339	-6.229
							242	62	2.92	2.92	5.08	-8.700	-8.728	-6.554
			-1.07	1.85	6285	67	SU	--	6.13	6.08	8.05	-7.990	-7.726	-5.916
							242	61	3.13	3.08	5.05	-7.868	-8.196	-6.089
							242	62	3.13	3.11	5.06	-8.250	-7.997	-6.181
			-1.07	1.85	6405	91	SU	--	6.34	6.23	8.23	-7.494	-7.948	-5.775
							242	61	3.32	3.45	5.33	-7.935	-7.685	-5.868
							242	62	3.26	3.37	5.26	-7.834	-7.635	-5.793
80MHz	0	0	-0.85	2.16	6145	39	SU	--	8.97	9.04	11.17	-8.550	-8.243	-6.233
							106+26	82	0.56	0.65	2.77	-8.742	-8.819	-6.620
							106+26	85	0.65	0.59	2.78	-8.543	-8.530	-6.376
			-1.07	1.85	6305	71	106+26	89	0.49	0.51	2.66	-8.525	-8.543	-6.374
							SU	--	9.21	9.27	11.18	-8.079	-8.132	-6.165
							106+26	82	0.83	0.91	2.81	-8.180	-8.271	-6.285
							106+26	85	0.89	0.92	2.85	-8.118	-8.309	-6.272
			-1.07	1.85	6385	87	106+26	89	0.87	0.79	2.77	-8.580	-8.695	-6.697
							SU	--	9.06	9.10	11.02	-8.131	-8.291	-6.270
160MHz	0	0	-0.85	2.16	6185	47	106+26	82	0.62	0.54	2.74	-9.467	-9.600	-7.373
							106+26	89	0.63	0.56	2.76	-9.223	-9.624	-7.259
							106+26	S89	0.60	0.58	2.75	-9.235	-9.413	-7.163
			-1.07	1.85	6345	79	SU	--	10.92	10.90	12.85	-9.793	-9.939	-7.925
							106+26	82	0.95	0.95	2.89	-9.200	-9.174	-7.247
							106+26	89	0.91	0.89	2.84	-9.123	-9.025	-7.133
							106+26	S89	0.94	0.90	2.86	-9.023	-9.036	-7.089

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 UNII-6 (SISO)	Duty Factor (dB)		ANT 6 Gain (dBi)	ANT 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 14dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = -5 dBm/MHz EIRP)	
	SU	Partial RU							ANT 6	ANT 5	ANT 6	ANT 5	ANT 6	ANT 5	ANT 6	ANT 5
20MHz	0	0	0.00	-2.40	6435	97	SU	--	5.18	7.70	5.18	5.30	-6.127	-4.090	-6.127	-6.490
							52	37	-1.45	1.21	-1.45	-1.19	-6.499	-4.408	-6.499	-6.808
								38	-1.26	1.2	-1.26	-1.20	-6.479	-3.87	-6.479	-6.270
								40	-1.42	1.08	-1.42	-1.32	-6.333	-4.519	-6.333	-6.919
					6475	105	SU	--	5.35	7.60	5.35	5.20	-5.671	-3.564	-5.671	-5.964
							52	37	-1.40	1.13	-1.40	-1.27	-6.536	-3.641	-6.536	-6.041
								38	-1.25	1.21	-1.25	-1.19	-5.796	-3.990	-5.796	-6.390
								40	-1.44	1.23	-1.44	-1.17	-6.127	-3.899	-6.127	-6.299
					6515	113	SU	--	5.20	7.57	5.20	5.17	-5.893	-3.601	-5.893	-6.001
							52	37	-1.45	1.25	-1.45	-1.15	-6.076	-3.739	-6.076	-6.139
								38	-1.36	1.21	-1.36	-1.19	-6.353	-4.134	-6.353	-6.534
								40	-1.45	1.22	-1.45	-1.18	-6.194	-3.718	-6.194	-6.118
40MHz	0	0	0.00	-2.40	6445	99	SU	--	8.02	10.44	8.02	8.04	-6.181	-4.038	-6.181	-6.438
							242	61	5.32	7.16	5.32	4.76	-6.580	-3.936	-6.580	-6.336
								62	5.35	7.12	5.35	4.72	-6.218	-3.860	-6.218	-6.260
					6485	107	SU	--	8.07	10.45	8.07	8.05	-5.904	-3.945	-5.904	-6.345
							242	61	5.21	7.17	5.21	4.77	-6.313	-3.892	-6.313	-6.292
								62	5.29	7.07	5.29	4.67	-5.985	-3.796	-5.985	-6.196
			0.00	0.70	6525 (Straddle)	115	SU	--	8.08	7.65	8.08	8.35	-5.786	-6.719	-5.786	-6.019
							242	61	4.97	3.87	4.97	4.57	-6.423	-6.991	-6.423	-6.291
								62	5.12	4.07	5.12	4.77	-5.972	-6.719	-5.972	-6.019
								62	5.12	4.07	5.12	4.77	-5.972	-6.719	-5.972	-6.019
80MHz	0	0	0.00	-2.40	6465	103	SU	--	11.13	13.25	11.13	10.85	-5.884	-3.639	-5.884	-6.039
							484+242	82	9.88	11.85	9.88	9.45	-5.736	-3.891	-5.736	-6.291
								85	10.05	11.90	10.05	9.50	-5.809	-3.889	-5.809	-6.289
								89	9.88	12.10	9.88	9.70	-6.029	-3.980	-6.029	-6.380
160MHz	0	0.12	0.00	0.70	6505 (Straddle)	111	SU	--	12.95	12.11	12.95	12.81	-7.364	-8.002	-7.364	-7.302
							52+26	61	0.51	-0.10	0.51	0.60	-6.903	-7.451	-6.783	-6.631
								64	0.59	-0.18	0.59	0.52	-6.549	-6.975	-6.429	-6.155
								S64	0.65	-0.05	0.65	0.65	-6.512	-6.542	-6.392	-5.722

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)		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	-1.04	1.89	6435	97	SU	--	0.42	0.38	2.37	-11.272	-11.074	-6.272
							106	53	-3.15	-3.24	-1.22	-11.664	-11.764	-6.813
								54	-3.32	-3.17	-1.27	-11.530	-11.636	-6.682
					6475	105	SU	--	0.45	0.30	2.35	-11.120	-10.828	-6.071
							106	53	-3.21	-3.21	-1.24	-11.629	-11.744	-6.786
								54	-3.33	-3.17	-1.28	-11.779	-11.645	-6.811
					6515	113	SU	--	0.42	0.45	2.41	-11.039	-10.776	-6.005
							106	53	-3.24	-3.25	-1.27	-11.631	-11.542	-6.686
								54	-3.30	-3.18	-1.27	-11.734	-11.585	-6.759
40MHz	0	0	-1.04	1.89	6445	99	SU	--	3.10	3.25	5.15	-11.285	-10.814	-6.143
							242	61	0.45	0.37	2.38	-11.129	-11.153	-6.241
								62	0.42	0.34	2.35	-11.028	-10.891	-6.059
					6485	107	SU	--	3.15	3.17	5.13	-11.502	-11.134	-6.414
							242	61	0.34	0.22	2.25	-11.358	-10.985	-6.267
								62	0.35	0.28	2.29	-11.502	-11.078	-6.385
			0.36	3.37	6525 (Straddle)	115	SU	--	1.90	1.84	5.24	-12.869	-12.782	-6.445
							242	61	-1.35	-1.33	2.03	-13.053	-12.868	-6.579
								62	-1.30	-1.40	2.02	-13.305	-13.172	-6.858
					6465	103	SU	--	6.20	6.25	8.20	-10.766	-10.949	-5.956
							242	70	0.45	0.31	2.35	-11.304	-11.593	-6.546
								75	0.39	0.43	2.38	-11.388	-11.727	-6.654
160MHz	0	0.1	0.36	3.37	6505 (Straddle)	111		81	0.20	0.36	2.25	-11.463	-11.290	-6.475
							SU	--	7.45	7.55	10.87	-12.724	-12.530	-6.246
							996+484	82	6.10	6.43	9.64	-12.309	-12.225	-5.786
								89	6.25	6.30	9.65	-12.208	-12.511	-5.877
								S89	6.45	6.45	9.82	-12.709	-12.530	-6.138

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 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)		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	-1.04	1.89	6435	97	SU	--	3.30	3.24	5.24	-8.387	-8.013	-6.226
							106	53	-0.17	-0.16	1.81	-8.207	-8.290	-6.278
								54	-0.16	-0.16	1.81	-8.297	-8.368	-6.362
					6475	105	SU	--	3.27	3.33	5.27	-8.157	-7.786	-5.997
							106	53	-0.15	-0.18	1.81	-8.406	-8.298	-6.381
								54	-0.18	-0.16	1.80	-8.558	-8.211	-6.411
					6515	113	SU	--	3.30	3.30	5.27	-8.297	-8.158	-6.257
							106	53	-0.15	-0.15	1.82	-8.375	-8.540	-6.486
								54	-0.17	-0.16	1.81	-8.309	-8.458	-6.413
40MHz	0	0	-1.04	1.89	6445	99	SU	--	6.10	6.13	8.09	-7.922	-7.751	-5.865
							242	61	3.25	3.23	5.21	-8.069	-8.022	-6.075
								62	3.26	3.25	5.23	-8.052	-7.875	-5.992
					6485	107	SU	--	6.13	6.10	8.09	-8.082	-8.090	-6.116
							242	61	3.26	3.26	5.23	-7.943	-7.879	-5.941
								62	3.22	3.26	5.21	-8.171	-7.963	-6.095
			0.36	3.37	6525 (Straddle)	115	SU	--	4.95	4.95	8.32	-9.343	-9.256	-5.929
							242	61	1.78	1.80	5.16	-9.652	-9.355	-6.131
								62	1.76	1.06	4.80	-9.343	-9.433	-6.017
80MHz	0	0	-1.04	1.89	6465	103	SU	--	9.15	9.15	11.12	-7.961	-8.296	-6.155
							242	70	3.30	3.35	5.30	-8.088	-8.208	-6.177
								75	3.33	3.33	5.30	-8.439	-8.067	-6.279
								81	3.32	3.35	5.31	-8.759	-8.343	-6.576
160MHz	0	0	0.36	3.37	6505 (Straddle)	111	SU	--	9.50	9.50	12.87	-11.197	-11.000	-7.727
							996+484	82	9.45	9.44	12.82	-9.964	-9.861	-6.542
								89	9.42	9.45	12.81	-9.875	-9.763	-6.448
							S89		9.44	9.45	12.82	-10.198	-10.194	-6.826

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 UNII-7 (SISO)	Duty Factor (dB)		ANT 6 Gain (dBi)	ANT 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 14dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = -5 dBm/MHz EIRP)	
	SU	Partial RU							ANT 6	ANT 5	ANT 6	ANT 5	ANT 6	ANT 5	ANT 6	ANT 5
20MHz	0	0	-0.10	0.70	6535	117	SU	--	5.11	4.53	5.01	5.23	-6.262	-6.951	-6.362	-6.251
							106+26	82	2.68	1.94	2.58	2.64	-6.124	-6.722	-6.224	-6.022
							83	2.64	1.95	2.54	2.65	2.65	-6.302	-6.951	-6.402	-6.251
					6715	153	SU	--	5.12	4.54	5.02	5.24	-6.305	-6.921	-6.405	-6.221
							106+26	82	2.63	1.94	2.53	2.64	-6.496	-6.914	-6.596	-6.214
							83	2.67	1.92	2.57	2.62	2.62	-6.200	-6.921	-6.300	-6.221
			-0.10	0.70	6875 (Straddle)	185	SU	--	5.24	4.57	5.14	5.27	-5.910	-6.716	-6.010	-6.016
							106+26	82	2.95	2.17	2.85	2.87	-6.077	-6.646	-6.177	-5.946
							83	2.91	2.22	2.81	2.92	2.92	-5.938	-6.716	-6.038	-6.016
40MHz	0	0	-0.10	0.70	6565	123	SU	--	8.10	7.36	8.00	8.06	-6.514	-7.043	-6.614	-6.343
							53	1.82	1.15	1.72	1.85	1.85	-6.722	-7.314	-6.822	-6.614
							106	54	1.95	1.01	1.85	1.71	-6.457	-7.143	-6.557	-6.443
							56	1.80	1.10	1.70	1.80	1.80	-6.613	-7.054	-6.713	-6.354
					6685	147	SU	--	8.11	7.33	8.01	8.03	-6.534	-7.411	-6.634	-6.711
							53	1.89	1.12	1.79	1.82	1.82	-6.642	-7.432	-6.742	-6.732
							106	54	1.80	1.15	1.70	1.85	-6.208	-7.069	-6.308	-6.369
							56	1.86	1.15	1.76	1.85	1.85	-6.483	-7.330	-6.583	-6.630
					6845	179	SU	--	8.15	7.34	8.05	8.04	-6.770	-7.510	-6.870	-6.810
							53	1.92	1.09	1.82	1.79	1.79	-6.467	-7.447	-6.567	-6.747
							106	54	1.95	1.15	1.85	1.85	-6.351	-7.134	-6.451	-6.434
							56	1.86	1.14	1.76	1.84	1.84	-6.798	-7.272	-6.898	-6.572
80MHz	0	0	0.00	0.70	6545 (Straddle)	119	SU	--	11.25	10.45	11.25	11.15	-5.585	-6.759	-5.585	-6.059
							106+26	82	2.80	1.88	2.80	2.58	-6.083	-6.296	-6.083	-5.596
							85	2.80	1.91	2.80	2.61	2.61	-5.735	-6.549	-5.735	-5.849
							89	2.70	1.91	2.70	2.61	2.61	-6.146	-6.759	-6.146	-6.059
			-0.10	0.70	6705	151	SU	--	11.33	10.43	11.23	11.13	-5.662	-6.544	-5.762	-5.844
							106+26	82	2.80	1.97	2.70	2.67	-6.024	-6.827	-6.124	-6.127
							85	2.80	2.01	2.70	2.71	2.71	-6.216	-5.779	-6.316	-5.079
							89	2.85	2.03	2.75	2.73	2.73	-6.421	-6.544	-6.521	-5.844
			-0.10	0.70	6865 (Straddle)	183	SU	--	11.31	10.39	11.21	11.09	-6.035	-6.376	-6.135	-5.676
							106+26	82	2.55	1.92	2.45	2.62	-6.573	-6.510	-6.673	-5.810
							85	2.60	2.02	2.50	2.72	2.72	-6.598	-6.440	-6.698	-5.740
							89	2.62	2.05	2.52	2.75	2.75	-6.593	-6.376	-6.693	-5.676
160MHz	0	0.12	-0.10	0.70	6665	143	SU	--	12.94	12.24	12.84	12.94	-6.741	-7.626	-6.841	-6.926
							53	1.94	1.11	1.84	1.81	1.81	-6.113	-6.819	-6.093	-5.999
							106	60	1.93	1.05	1.83	1.75	-6.302	-6.721	-6.282	-5.901
							S60	1.89	1.04	1.79	1.74	1.74	-5.947	-6.804	-5.927	-5.984
			-0.10	0.70	6825 (Straddle)	175	SU	--	12.89	12.25	12.79	12.95	-6.547	-7.127	-6.647	-6.427
							53	1.90	1.24	1.80	1.94	1.94	-6.062	-6.602	-6.042	-5.782
							60	1.95	1.23	1.85	1.93	1.93	-5.801	-6.187	-5.781	-5.367
							S60	1.88	1.20	1.78	1.90	1.90	-5.701	-6.516	-5.681	-5.696

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 UNII-7 (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	0.32	3.32	6535	117	SU	--	-1.24	-1.31	2.06	-12.615	-12.690	-6.322					
							106+26	82	-3.69	-3.66	-0.34	-12.595	-12.831	-6.381					
								83	-3.69	-3.71	-0.37	-12.493	-12.545	-6.189					
					6715	153	SU	--	-1.28	-1.31	2.04	-12.713	-12.750	-6.401					
							106+26	82	-3.67	-3.75	-0.38	-12.284	-12.611	-6.114					
								83	-3.67	-3.71	-0.36	-12.310	-12.643	-6.143					
			0.32	3.32	6875 (Straddle)	185	SU	--	-1.13	-1.06	2.24	-12.609	-12.531	-6.240					
							106+26	82	-3.49	-3.46	-0.14	-12.336	-12.559	-6.116					
								83	-3.45	-3.45	-0.12	-12.178	-12.679	-6.091					
							40MHz	0	0	0.32	3.32	6565	123	SU	--	1.79	1.76	5.11	-12.820
52	37	-7.68	-7.84	-4.43	-13.302	-13.478								-7.059					
	41	-7.72	-7.83	-4.44	-13.121	-13.253								-6.856					
	44	-7.69	-7.84	-4.43	-13.231	-13.156								-6.863					
6685	147	SU	--	1.85	1.77	5.14						-12.574	-12.613	-6.263					
		52	37	-7.74	-7.80	-4.44						-13.260	-12.974	-6.784					
			41	-7.72	-7.83	-4.44						-12.917	-13.122	-6.688					
			44	-7.80	-7.78	-4.46						-13.403	-13.296	-7.019					
6845	179	SU	--	1.73	1.85	5.12						-13.062	-12.757	-6.577					
		52	37	-7.75	-7.79	-4.44						-13.493	-13.630	-7.231					
			41	-7.69	-7.78	-4.40						-13.232	-13.439	-7.004					
			44	-7.78	-7.86	-4.49						-13.448	-13.576	-7.181					
80MHz	0	0	0.36	3.37	6545 (Straddle)	119						SU	--	4.93	4.90	8.29	-12.028	-12.024	-5.646
												106+26	82	-3.80	-3.75	-0.40	-12.784	-12.524	-6.272
							85	-3.75	-3.75	-0.38	-12.689		-12.789	-6.358					
							89	-3.85	-3.85	-0.48	-12.649		-12.863	-6.374					
			0.32	3.32	6705	151	SU	--	4.70	4.70	8.03	-12.661	-12.668	-6.334					
							106+26	82	-3.59	-3.55	-0.24	-12.428	-12.711	-6.237					
								85	-3.55	-3.60	-0.24	-12.685	-12.707	-6.366					
								89	-3.60	-3.55	-0.24	-12.507	-12.754	-6.298					
			0.32	3.32	6865 (Straddle)	183	SU	--	4.75	4.71	8.06	-12.413	-12.763	-6.254					
							106+26	82	-3.76	-3.73	-0.41	-12.649	-12.367	-6.175					
								85	-3.75	-3.75	-0.42	-12.635	-12.412	-6.192					
								89	-3.80	-3.78	-0.46	-12.874	-12.871	-6.542					
160MHz	0	0	0.32	3.32	6665	143	SU	--	7.46	7.41	10.77	-12.251	-12.041	-5.814					
							996	67	4.74	4.84	8.12	-12.357	-12.326	-6.011					
								S67	4.81	4.79	8.13	-12.030	-11.831	-5.599					
			0.32	3.32	6825 (Straddle)	175	SU	--	7.65	7.55	10.93	-11.716	-12.150	-5.597					
							996	67	4.83	4.85	8.17	-11.837	-12.233	-5.700					
								S67	4.85	4.82	8.17	-11.593	-11.152	-5.037					

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 UNII-7 (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	0.32	3.32	6535	117	SU	--	1.81	1.69	5.08	-9.228	-9.483	-6.023
							106+26	82	-0.70	-0.75	2.61	-9.490	-9.369	-6.099
								83	-0.74	-0.74	2.59	-9.493	-9.400	-6.116
			0.32	3.32	6715	153	SU	--	1.83	1.71	5.10	-9.588	-9.435	-6.181
							106+26	82	-0.80	-0.65	2.61	-9.628	-9.628	-6.298
								83	-0.67	-0.67	2.66	-9.747	-9.654	-6.370
					6875 (Straddle)	185	SU	--	1.95	1.88	5.25	-9.506	-9.449	-6.147
							106+26	82	-0.48	-0.51	2.84	-9.508	-9.561	-6.204
								83	-0.45	-0.48	2.87	-9.494	-9.221	-6.025
40MHz	0	0	0.32	3.32	6565	123	SU	--	4.81	4.79	8.13	-9.395	-9.371	-6.053
								37	-4.73	-4.67	-1.37	-9.953	-10.000	-6.646
							52	41	-4.70	-4.65	-1.34	-9.572	-9.630	-6.271
								44	-4.69	-4.68	-1.35	-9.657	-9.754	-6.375
					6685	147	SU	--	4.85	4.82	8.17	-9.639	-9.732	-6.355
								37	-4.74	-4.71	-1.39	-10.036	-93.998	-9.716
							52	41	-4.75	-4.72	-1.40	-9.525	-9.892	-6.374
								44	-4.72	-4.68	-1.37	-9.986	-9.762	-6.542
					6845	179	SU	--	4.78	4.74	8.09	-9.942	-10.034	-6.657
								37	-4.73	-4.74	-1.40	-9.911	-9.946	-6.598
							52	41	-4.72	-4.73	-1.39	-9.712	-9.672	-6.362
								44	-4.70	-4.72	-1.38	-9.900	-9.999	-6.619
80MHz	0	0	0.36	3.37	6545 (Straddle)	119	SU	--	7.90	7.94	11.29	-9.840	-9.692	-6.395
								82	-0.71	-0.65	2.69	-10.415	-10.342	-7.008
							106+26	85	-0.72	-0.65	2.69	-10.365	-10.219	-6.921
								89	-0.70	-0.67	2.69	-10.279	-10.288	-6.913
			0.32	3.32	6705	151	SU	--	7.85	7.76	11.14	-9.825	-9.909	-6.536
								82	-0.65	-0.61	2.70	-10.332	-10.472	-7.071
							106+26	85	-0.66	-0.63	2.69	-10.241	-10.247	-6.914
								89	-0.66	-0.62	2.69	-10.231	-10.290	-6.930
			0.32	3.32	6865 (Straddle)	183	SU	--	7.84	7.82	11.16	-9.980	-9.950	-6.635
								82	-0.69	-0.65	2.66	-10.334	-10.212	-6.942
							106+26	85	-0.73	-0.66	2.64	-10.409	-10.153	-6.949
								89	-0.72	-0.66	2.64	-10.443	-10.413	-7.098
160MHz	0	0	0.32	3.32	6665	143	SU	--	9.55	9.51	12.86	-10.660	-10.617	-7.308
							996	67	7.83	7.81	11.15	-9.797	-9.653	-6.394
								S67	7.81	7.83	11.15	-9.680	-9.566	-6.292
			0.32	3.32	6825 (Straddle)	175	SU	--	9.53	9.55	12.87	-10.512	-10.801	-7.324
							996	67	7.80	7.80	11.13	-9.662	-9.852	-6.426
								S67	7.83	7.79	11.14	-9.625	-9.693	-6.329

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	-0.60	-2.40	7115	233	11a	-3.62	-3.59	-4.22	-5.99	-15.429	-15.345	-16.029	-17.745

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 UNII-8 (SISO)	Duty Factor (dB)		ANT 6 Gain (dBi)	ANT 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 14dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = -5 dBm/MHz EIRP)	
	SU	Partial RU							ANT 6	ANT 5	ANT 6	ANT 5	ANT 6	ANT 5	ANT 6	ANT 5
20MHz	0	0	-0.60	-2.40	6895	189	SU	--	5.71	7.54	5.11	5.14	-5.536	-4.013	-6.136	-6.413
							106+26	82	3.45	5.15	2.85	2.75	-5.492	-4.387	-6.092	-6.787
								83	3.45	5.13	2.85	2.73	-5.579	-4.429	-6.179	-6.829
					6995	209	SU	--	5.75	7.58	5.15	5.18	-5.842	-3.779	-6.442	-6.179
							106+26	82	3.40	5.10	2.80	2.70	-5.526	-4.087	-6.126	-6.487
								83	3.39	5.12	2.79	2.72	-5.350	-3.918	-5.950	-6.318
					7095	229	SU	--	5.92	7.59	5.32	5.19	-5.874	-3.559	-6.474	-5.959
							106+26	82	3.46	5.21	2.86	2.81	-5.131	-3.768	-5.731	-6.168
								83	3.42	5.23	2.82	2.83	-5.359	-3.774	-5.959	-6.174
40MHz	0	0	-0.10	0.70	6885 (Straddle)	187	SU	--	8.30	7.49	8.20	8.19	-6.266	-7.210	-6.366	-6.510
							106	53	2.00	1.25	1.90	1.95	-7.034	-7.342	-7.134	-6.642
								54	2.02	1.21	1.92	1.91	-6.482	-7.124	-6.582	-6.424
					56	2.05		1.24	1.95	1.94	-6.584	-7.086	-6.684	-6.386		
					6965	203	SU	--	8.57	10.53	7.97	8.13	-5.787	-3.686	-6.387	-6.086
							106	53	2.50	4.20	1.90	1.80	-6.014	-4.355	-6.614	-6.755
			54	2.52				4.14	1.92	1.74	-6.134	-4.434	-6.734	-6.834		
			56	2.47		4.11		1.87	1.71	-5.774	-4.612	-6.374	-7.012			
			7085	227		SU	--	8.88	10.49	8.28	8.09	-5.026	-3.560	-5.626	-5.960	
						106	53	2.64	4.16	2.04	1.76	-5.768	-4.621	-6.368	-7.021	
					54		2.58	4.21	1.98	1.81	-4.946	-4.301	-5.546	-6.701		
			56	2.61	4.21		2.01	1.81	-5.871	-4.677	-6.471	-7.077				
80MHz	0	0	-0.60	-2.40	6945	199	SU	--	11.85	13.48	11.25	11.08	-5.487	-3.628	-6.087	-6.028
							484+242	90	10.31	12.07	9.71	9.67	-6.216	-4.631	-6.816	-7.031
								92	10.33	12.06	9.73	9.66	-5.931	-4.539	-6.531	-6.939
								93	10.35	12.15	9.75	9.75	-6.262	-4.559	-6.862	-6.959
			-0.60	-2.40	7025	215	SU	--	11.97	13.54	11.37	11.14	-5.089	-3.712	-5.689	-6.112
							484+242	90	10.39	11.99	9.79	9.59	-6.069	-4.749	-6.669	-7.149
								92	10.41	12.01	9.81	9.61	-5.747	-4.481	-6.347	-6.881
								93	10.40	12.01	9.80	9.61	-6.321	-4.401	-6.921	-6.801
								SU	--	13.48	15.25	12.88	12.85	-6.467	-4.555	-7.067
160MHz	0	0.12	-0.60	-2.40	6985	207	106	53	2.55	4.20	1.95	1.80	-5.327	-4.512	-5.807	-6.792
							60	2.45	4.23	1.85	1.83	-5.486	-4.398	-5.966	-6.678	
							S60	2.48	4.20	1.88	1.80	-5.317	-5.253	-5.797	-7.533	

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 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	-1.41	1.56	7115	233	11a	-5.14	-5.13	-3.53	-16.639	-16.599	-12.049

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 UNII-8 (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	-1.41	1.56	6895	189	SU	--	0.65	0.59	2.22	-10.864	-10.949	-6.336
							52+26	70	-3.92	-3.91	-2.31	-11.160	-10.787	-6.399
								71	-3.88	-3.88	-2.28	-10.924	-10.491	-6.132
								72	-3.88	-3.91	-2.29	-10.999	-11.138	-6.498
					6995	209	SU	--	0.66	0.63	2.25	-10.528	-10.611	-5.999
							52+26	70	-3.87	-3.88	-2.27	-10.744	-10.664	-6.134
								71	-3.92	-3.93	-2.32	-10.465	-10.708	-6.015
								72	-3.85	-3.88	-2.26	-10.682	-10.451	-5.995
					7095	229	SU	--	0.84	0.63	2.34	-10.038	-10.402	-5.646
							52+26	70	-3.69	-3.70	-2.09	-10.052	-10.138	-5.524
								71	-3.71	-3.68	-2.09	-10.270	-10.362	-5.745
								72	-3.65	-3.75	-2.10	-10.255	-10.256	-5.685
40MHz	0	0	0.32	3.32	6885 (Straddle)	187	SU	--	1.77	1.84	5.14	-12.647	-12.850	-6.417
							106	53	-4.48	-4.45	-1.13	-12.552	-12.989	-6.435
								54	-4.46	-4.47	-1.13	-12.634	-13.006	-6.486
								56	-4.47	-4.47	-1.14	-12.712	-13.137	-6.589
			-1.41	1.56	6965	203	SU	--	3.45	3.44	5.05	-10.999	-10.929	-6.394
							106	53	-2.72	-2.73	-1.12	-11.173	-11.401	-6.715
								54	-2.69	-2.65	-1.07	-10.671	-11.108	-6.314
								56	-2.75	-2.76	-1.15	-11.366	-11.393	-6.809
					7085	227	SU	--	3.65	3.64	5.25	-10.308	-10.154	-5.660
							106	53	-2.92	-2.79	-1.25	-11.280	-11.601	-6.867
								54	-2.85	-2.79	-1.22	-11.127	-11.545	-6.761
								56	-2.83	-2.78	-1.20	-11.179	-11.517	-6.774
80MHz	0	0.14	-1.41	1.56	6945	199	SU	--	6.56	6.60	8.18	-11.073	-10.894	-6.412
							484	65	3.45	3.38	5.02	-11.691	-11.508	-6.888
								66	3.37	3.34	4.96	-11.197	-11.443	-6.608
			-1.41	1.56	7025	215	SU	--	6.59	6.65	8.22	-10.454	-10.566	-5.939
							484	65	3.44	3.38	5.01	-11.056	-11.458	-6.542
								66	3.43	3.44	5.04	-10.924	-11.231	-6.364
160MHz	0	0.1	-1.41	1.56	6985	207	SU	--	9.45	9.35	11.00	-9.952	-10.002	-5.407
							996+484	94	8.21	8.18	9.80	-10.527	-10.971	-6.073
								95	8.20	8.23	9.82	-10.268	-10.471	-5.698
								S95	8.21	8.25	9.83	-11.017	-11.115	-6.395

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 UNII-8 (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	-1.41	1.56	6895	189	SU	--	3.43	3.55	5.09	-8.264	-8.049	-6.555
							52+26	70	-0.86	-0.96	0.69	-8.188	-8.034	-6.510
								71	-0.87	-0.91	0.71	-8.268	-7.976	-6.519
								72	-0.88	-0.98	0.67	-8.021	-8.070	-6.445
					6995	209	SU	--	3.46	3.46	5.06	-7.892	-7.904	-6.298
							52+26	70	-0.85	-0.89	0.73	-7.739	-7.832	-6.185
								71	-0.86	-0.9	0.72	-7.695	-7.684	-6.089
								72	-0.89	-0.91	0.70	-7.821	-8.068	-6.342
					7095	229	SU	--	3.71	3.64	5.28	-7.616	-7.560	-5.988
							52+26	70	-0.59	-0.58	1.02	-7.718	-7.554	-6.035
								71	-0.58	-0.57	1.03	-7.687	-7.646	-6.066
								72	-0.58	-0.59	1.02	-7.787	-7.664	-6.125
40MHz	0	0	0.32	3.32	6885 (Straddle)	187	SU	--	4.84	4.83	8.17	-9.987	-9.956	-6.641
							106	53	-1.46	-1.49	1.86	-10.184	-10.336	-6.929
								54	-1.45	-1.49	1.86	-9.973	-10.173	-6.742
								56	-1.47	-1.51	1.84	-10.185	-9.937	-6.729
			-1.41	1.56	6965	203	SU	--	6.42	6.32	7.97	-8.057	-8.119	-6.488
							106	53	0.25	0.19	1.82	-8.199	-8.059	-6.528
								54	0.23	0.23	1.83	-8.099	-8.157	-6.528
								56	0.24	0.19	1.82	-8.014	-8.056	-6.435
					7085	227	SU	--	6.48	6.55	8.12	-7.767	-7.805	-6.186
							106	53	0.23	0.20	1.82	-7.938	-7.582	-6.156
								54	0.21	0.19	1.80	-7.989	-7.727	-6.256
								56	0.19	0.18	1.79	-8.067	-8.048	-6.457
80MHz	0	0	-1.41	1.56	6945	199	SU	--	9.55	9.55	11.15	-7.953	-7.811	-6.281
							484	65	6.45	6.45	8.05	-8.210	-8.427	-6.717
								66	6.37	6.37	7.97	-8.030	-7.989	-6.409
			-1.41	1.56	7025	215	SU	--	9.43	9.45	11.04	-8.211	-8.200	-6.605
							484	65	6.44	6.45	8.05	-8.022	-8.353	-6.584
								66	6.45	6.42	8.04	-8.211	-7.963	-6.485
160MHz	0	0	-1.41	1.56	6985	207	SU	--	11.29	11.30	12.90	-9.267	-8.927	-7.493
							996+484	94	11.25	11.25	12.85	-7.751	-7.673	-6.112
								95	11.10	11.12	12.71	-8.198	-7.934	-6.464
							S95		11.10	11.20	12.75	-8.419	-8.168	-6.691

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)