

TEST REPORT

Report Number: 14596249-E12V2

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

Model : A3257 (Reference)
A3525, A3526, A3527 (Variants)

Brand : APPLE

FCC ID : BCG-E8950A (Reference)
BCG-E8960A, BCG-E8961A, BCG-E8962A (Variants)

EUT Description : SMARTPHONE

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

Date Of Issue:
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REPORT REVISION HISTORY

Rev.	Issue Date	Revisions	Revised By
V1	2025-08-13	Initial Review	---
V2	2025-08-19	Updated section 10	F. de Anda

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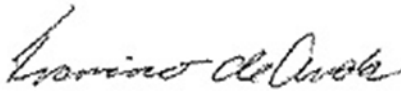
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1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE INC. 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.
Model	A3257 (Reference) A3525, A3526, A3527 (Variants)
Brand	APPLE
FCC ID	BCG-E8950A (Reference) BCG-E8960A, BCG-E8961A, BCG-E8962A (Variants, Data Referenced from BCG-E8950A)
EUT Description	SMARTPHONE
Serial Number (Reference, A3257)	KQ2V66FV9N (Radiated) HVHHCY0001P0000YEE, HVHHHD0004U0000YE8 (Conducted)
Serial Number (Variant, A3525)	KX7C4X7YVM (Radiated) HVHHH40002F0000YE9 (Conducted)
Serial Number (Variant, A3526)	FQ16JV9XLP (Radiated) HVHHH50001U0000YEC (Conducted)
Serial Number (Variant, A3527)	WNC9JYC37Y (Radiated) HVHHH4000U0000YEH (Conducted)
Sample Receipt Date	2025-03-07
Date Tested	2025-03-08 to 2025-08-13
Applicable Standards	CFR 47 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.	Zachary D. Sutton Laboratory 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 47CFR Part 15E
- 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

*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 dBuV + 18.7 dB/m + 0.6 dB – 26.9 dB = 28.9 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 dBuV + 0 dB + 10.1 dB + 0 dB = 46.6 dBuV

6. EQUIPMENT UNDER TEST

6.1. EUT DESCRIPTION

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

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

6.1.1. EUT DEVICE CLASS (FCC)

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 mode 20MHz	Covered by EHT20	
5955-6415	802.11be EHT20	9.45	8.81
5965-6405	802.11be EHT40	12.37	17.26
5985-6385	802.11be EHT80	15.14	32.66
6025-6345	802.11be EHT160	18.17	65.61
UNII-5 Band, 2TX			
5955-6415	802.11a mode 20MHz	Covered by EHT20	
5955-6415	802.11be EHT20 CDD	7.32	5.40
5955-6415	802.11be EHT20 SDM	9.46	8.83
5965-6405	802.11be EHT40 CDD	10.35	10.84
5965-6405	802.11be EHT40 SDM	12.43	17.50
5985-6385	802.11be EHT80 CDD	13.00	19.95
5985-6385	802.11be EHT80 SDM	15.19	33.04
6025-6345	802.11be EHT160 CDD	15.98	39.63
6025-6345	802.11be EHT160 SDM	18.15	65.31

UNII-6 BAND

Frequency Range (MHz)	Mode	Output Power EIRP (dBm)	Output Power EIRP (mW)
UNII-6 Band, 1TX			
6435 - 6515	802.11a mode 20MHz	Covered by EHT20	
6435 - 6515	802.11be EHT20	9.39	8.69
6445 - 6525	802.11be EHT40	12.15	16.41
6465	802.11be EHT80	14.95	31.26
6505	802.11be EHT160, Straddle Channel	18.04	63.68
UNII-6 band, 2TX			
6435 - 6515	802.11a mode 20MHz	Covered by EHT20	
6435 - 6515	802.11be EHT20 CDD	7.17	5.21
6435 - 6515	802.11be EHT20 SDM	9.29	8.49
6445 - 6525	802.11be EHT40 CDD	10.13	10.30
6445 - 6525	802.11be EHT40 SDM	12.23	16.71
6465	802.11be EHT80 CDD	12.87	19.36
6465	802.11be EHT80 SDM	14.99	31.55
6505	802.11be EHT160 CDD Straddle	15.91	38.99
6505	802.11be EHT160 SDM Straddle	18.03	63.53

UNII-7 BAND

Frequency Range (MHz)	Mode	Output Power EIRP (dBm)	Output Power EIRP (mW)
UNII-7 Band 1TX			
6535 - 6875	802.11a mode 20MHz	Covered by EHT20	
6535 - 6875	802.11be EHT20	9.36	8.63
6565 - 6845	802.11be EHT40	12.17	16.48
6545 - 6865	802.11be EHT80	15.36	34.36
6665 - 6825	802.11be EHT160	18.09	64.42
UNII-7 Band 2TX			
6535 - 6875	802.11a mode 20MHz	Covered by EHT20	
6535-6875	802.11be EHT20 CDD	7.12	5.15
6535-6875	802.11be EHT20 SDM	9.38	8.67
6565-6845	802.11be EHT40 CDD	10.11	10.26
6565-6845	802.11be EHT40 SDM	12.13	16.33
6545-6865	802.11be EHT80 CDD	13.12	20.51
6545-6865	802.11be EHT80 SDM	15.29	33.81
6665-6825	802.11be EHT160 CDD	15.73	37.41
6665-6825	802.11be EHT160 SDM	17.90	61.66

UNII-8 BAND

Frequency Range (MHz)	Mode	Output Power EIRP (dBm)	Output Power EIRP (mW)
UNII-8 Band 1TX			
6895-7095	802.11a mode 20MHz only	Covered by EHT20 except 7115MHz	
7115		-3.65	0.43
6895-7095	802.11be EHT20	9.45	8.81
6885-7085	802.11be EHT40	12.36	17.22
6945-7025	802.11be EHT80	15.39	34.59
6985	802.11be EHT160	18.06	63.97
UNII-8 Band 2TX			
6895-7095	802.11a mode 20MHz only	Covered by EHT20 except 7115MHz	
7115		-3.52	0.44
6895-7095	802.11be EHT20 CDD	7.17	5.21
6895-7095	802.11be EHT20 SDM	9.39	8.69
6885-7085	802.11be EHT40 CDD	10.00	10.00
6885-7085	802.11be EHT40 SDM	12.29	16.94
6945-7025	802.11be EHT80 CDD	12.87	19.36
6945-7025	802.11be EHT80 SDM	14.97	31.41
6985	802.11be EHT160 CDD	15.42	34.83
6985	802.11be EHT160 SDM	17.81	60.39

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	21.79	151.01
5965-6405	802.11be EHT40	21.77	150.31
5985-6385	802.11be EHT80	21.77	150.31
6025-6345	802.11be EHT160	21.26	133.66
UNII-5 Band, 2TX			
5955-6415	802.11be EHT20 CDD	22.30	169.82
5955-6415	802.11be EHT20 SDM	22.30	169.82
5965-6405	802.11be EHT40 CDD	22.27	168.66
5955-6405	802.11be EHT40 SDM	22.27	168.66
5985-6385	802.11be EHT80 CDD	22.22	166.72
5985-6385	802.11be EHT80 SDM	22.29	169.43
6025-6345	802.11be EHT160 CDD	21.80	151.36
6025-6345	802.11be EHT160 SDM	21.78	150.66

UNII-7 BAND (FCC)

UNII-7 Band 1TX			
6535-6855	802.11be EHT20	20.56	113.76
6565-6845	802.11be EHT40	20.56	113.76
6625-6785	802.11be EHT80	20.59	114.55
6665	802.11be EHT160	20.03	100.69
UNII-7 Band 2TX			
6535-6855	802.11be EHT20 CDD	21.02	126.47
6535-6855	802.11be EHT20 SDM	21.03	126.77
6565-6845	802.11be EHT40 CDD	21.03	126.77
6565-6845	802.11be EHT40 SDM	21.03	126.77
6625-6785	802.11be EHT80 CDD	21.04	127.06
6625-6785	802.11be EHT80 SDM	21.04	127.06
6665	802.11be EHT160 CDD	20.50	112.20
6665	802.11be EHT160 SDM	20.53	112.98

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 mode 20MHz	Covered by EHT20	
6115-6415	802.11be EHT20	5.49	3.54
6125-6405	802.11be EHT40	8.56	7.18
6145-6385	802.11be EHT80	11.34	13.61
6185-6345	802.11be EHT160	12.96	19.77
UNII-5 Band, 2TX			
6115-6415	802.11a mode 20MHz	Covered by EHT20	
6115-6415	802.11be EHT20 CDD	3.34	2.16
6115-6415	802.11be EHT20 SDM	5.40	3.47
6125-6405	802.11be EHT40 CDD	6.30	4.27
6125-6405	802.11be EHT40 SDM	8.36	6.85
6145-6385	802.11be EHT80 CDD	9.05	8.04
6145-6385	802.11be EHT80 SDM	11.19	13.15
6185-6345	802.11be EHT160 CDD	10.84	12.13
6185-6345	802.11be EHT160 SDM	12.93	19.63

UNII-6 BAND

Frequency Range (MHz)	Mode	Output Power EIRP (dBm)	Output Power EIRP (mW)
UNII-6 Band, 1TX			
6435 - 6515	802.11a mode 20MHz	Covered by EHT20	
6435 - 6515	802.11be EHT20	5.38	3.45
6445 - 6525	802.11be EHT40	8.26	6.70
6465	802.11be EHT80	11.20	13.18
6505	802.11be EHT160, Straddle Channel	12.87	19.36
UNII-6 band, 2TX			
6435 - 6515	802.11a mode 20MHz	Covered by EHT20	
6435 - 6515	802.11be EHT20 CDD	3.15	2.07
6435 - 6515	802.11be EHT20 SDM	5.27	3.37
6445 - 6525	802.11be EHT40 CDD	6.12	4.09
6445 - 6525	802.11be EHT40 SDM	8.21	6.62
6465	802.11be EHT80 CDD	8.81	7.60
6465	802.11be EHT80 SDM	10.95	12.45
6505	802.11be EHT160 CDD Straddle	10.81	12.05
6505	802.11be EHT160 SDM Straddle	12.91	19.54

UNII-7 BAND

Frequency Range (MHz)	Mode	Output Power EIRP (dBm)	Output Power EIRP (mW)
UNII-7 Band 1TX			
6535-6875	802.11a mode 20MHz	Covered by EHT20	
6535-6875	802.11be EHT20	5.34	3.42
6565-6845	802.11be EHT40	8.19	6.59
6545-6865	802.11be EHT80	11.29	13.46
6665-6825	802.11be EHT160	12.99	19.91
UNII-7 Band 2TX			
6535-6875	802.11a mode 20MHz	Covered by EHT20	
6535-6875	802.11be EHT20 CDD	3.15	2.07
6535-6875	802.11be EHT20 SDM	5.39	3.46
6565-6845	802.11be EHT40 CDD	6.14	4.11
6565-6845	802.11be EHT40 SDM	8.13	6.50
6545-6865	802.11be EHT80 CDD	9.10	8.13
6545-6865	802.11be EHT80 SDM	11.26	13.37
6665-6825	802.11be EHT160 CDD	10.76	11.91
6665-6825	802.11be EHT160 SDM	12.99	19.91

UNII-8 BAND

Frequency Range (MHz)	Mode	Output Power EIRP (dBm)	Output Power EIRP (mW)
UNII-8 Band 1TX			
6895-7095	802.11a mode 20MHz	Covered by EHT20 except 7115MHz	
7115		-3.68	0.43
6895-7095	802.11be EHT20	5.43	3.49
6885-7085	802.11be EHT40	8.36	6.85
6945-7025	802.11be EHT80	11.37	13.71
6985	802.11be EHT160	12.95	19.72
UNII-8 Band 2TX			
6895-7095	802.11a mode 20MHz	Covered by EHT20 except 7115MHz	
7115		-3.51	0.45
6895-7095	802.11be EHT20 CDD	3.19	2.08
6895-7095	802.11be EHT20 DM	5.35	3.43
6885-7085	802.11be EHT40 CDD	5.96	3.94
6885-7085	802.11be EHT40 SDM	8.31	6.78
6945-7025	802.11be EHT80 CDD	8.91	7.78
6945-7025	802.11be EHT80 SDM	11.16	13.06
6985	802.11be EHT160 CDD	10.64	11.59
6985	802.11be EHT160 SDM	12.99	19.91

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)	2.00	-5.40	-0.28	2.08
	Sub-band 2 (6115 - 6255)	2.80	-6.00	0.33	2.48
	Sub-band 3 (6275 - 6415)	2.20	-7.10	-0.33	1.75
6425 - 6525 UNII-6	6435	1.60	-7.50	-0.91	1.20
UNII-6/7 (Straddle Channel)	N/A	2.10	-7.40	-0.45	1.60
6525 - 6875 UNII-7	6855	2.10	-7.40	-0.45	1.60
UNII-7/8 (Straddle Channel)	N/A	2.40	-5.70	0.02	2.27
6875 - 7125 UNII-8	7115, 7035	2.40	-5.70	0.02	2.27

Note: antenna C0 and antenna C1 indicated in 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	-3.30	-2.90
6105-6265	-3.30	-2.90
6265-6425	-3.30	-2.90
6425-6525	-3.40	-3.00
6525-6875	-3.50	-3.00
6875-7125	-3.50	-3.10

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 is 23A258.

6.5. WORST-CASE CONFIGURATION AND MODE

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

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

The 802.11a/ax mode are covered by the 802.11be mode since 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, 160 MHz). Thus, 802.11be mode was tested to represent worst-case, except UNII-8 Channel 233, frequency 7115MHz supports a mode only per client.

With same power on Full RU and SU higher data rate, 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: MCS0
- Radiated bandedge: MCS11
- Radiated spurious emission: 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	ANT6	ANT5	ANT6+5
6GHz	Y-Landscape	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.

For 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.

After the investigation, below tables listed the worst-case modes of power and PSD for final conducted test. For radiated test, the worst-case modes of PSD among dual client and VLP modes was selected.

6.5.1. LP

WIFI 7 - 802.11be																			
BW (MHz)	Tone (T)	RU Index	RU Index from Chipset support	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	0 ~ 8																
	52	37 ~ 40	37 ~ 40																
	52 + 26	70 ~ 81	70, 71, 72																
	106	53 ~ 54	53 ~ 54																
	106 + 26	82 ~ 89	82, 83		X		X		X		X			X		X		X	
	242	61	61																
	SU	--	--	X		X		X		X		X		X		X		X	
40	26	0 ~ 17	0 ~ 17																
	52	37 ~ 44	37 ~ 44																
	52 + 26	70 ~ 81	70, 72, 73, 74, 75														X		X
	106	53 ~ 56	53 ~ 56		X		X		X		X								
	106 + 26	82 ~ 89	82, 83, 84, 85											X		X			
	242	61 ~ 61	61 ~ 62																
	484	65	65																
80	SU	--	--	X		X		X		X		X		X		X		X	
	26	0 ~ 36	0 ~ 36																
	52	37 ~ 52	37 ~ 52						X		X			X		X			
	52 + 26	70 ~ 81	71, 72, 73, 74, 77, 78, 79, 80																
	106	53 ~ 60	53 ~ 60														X		X
	106 + 26	82 ~ 89	82, 85, 86, 89		X		X												
	242	61 ~ 64	61 ~ 64																
160	484	65 ~ 66	65 ~ 66																
	484 + 242	90, 91, 92, 93	90, 91, 92, 93																
	996	67	67																
	SU	--	--	X		X		X		X		X		X		X		X	
	26	0 ~ 536	0 ~ 536																
	52	37 ~ 552	37 ~ 552														X		X
	52 + 26	70 ~ 581	sb0: 71, 72, 73, 74, 77, 78, 79, 80 sb1: 71, 72, 73, 74, 77, 78, 79, 80																
	106	53 ~ 560	53 ~ 560																
	106 + 26	82 ~ 89	82, 85, 86, 89		X		X												
	242	61 ~ 564	61 ~ 564						X		X								
	484	65 ~ 566	65 ~ 566																
	484 + 242	sb0: 90, 91, 92, 93 sb1: 90, 91, 92, 93	sb0: 90, 91, 92, 93 sb1: 90, 91, 92, 93																
	996	67 ~ 567	67 ~ 567																
	996 + 484	sb0: 94, 95 sb1: 94, 95	sb0: 94, 95 sb1: 94, 95																
	996 + 484 + 242	sb0: 96, 97, 98, 99 sb1: 96, 97, 98, 99	sb0: 96, 97, 98, 99 sb1: 96, 97, 98, 99																
	996x2	568	568																
	SU	--	--	X		X		X		X		X		X		X		X	

6.5.2. SP

WIFI 7 - 802.11be															
BW (MHz)	Tone (T)	RU Index	RU Index from Chipset support	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)	
				Power	PSD	Power	PSD	Power	PSD	Power	PSD	Power	PSD	Power	PSD
20	26	0 ~ 8	0 ~ 8		X		X						X		X
	52	37 ~ 40	37 ~ 40						X		X				
	52 + 26	70 ~ 81	70, 71, 72												
	106	53 ~ 54	53 ~ 54												
	106 + 26	82 ~ 89	82, 83												
	242	61	61												
SU	--	--		X		X		X		X		X		X	
40	26	0 ~ 17	0 ~ 17		X		X						X		
	52	37 ~ 44	37 ~ 44												X
	52 + 26	70 ~ 81	70, 72, 72, 73, 74, 75												
	106	53 ~ 56	53 ~ 56												
	106 + 26	82 ~ 89	82, 83, 84, 85						X		X				
	242	61 ~ 61	61 ~ 62												
484	65	65													
SU	--	--		X		X		X		X		X		X	
80	26	0 ~ 36	0 ~ 36		X		X						X		
	52	37 ~ 52	37 ~ 52												X
	52 + 26	70 ~ 81	71,72,73,74,77,78,79,80												
	106	53 ~ 60	53 ~ 60												
	106 + 26	82 ~ 89	82, 85, 86, 89						X		X				
	242	61 ~ 64	61 ~ 64												
	484	65 ~ 66	65 ~ 66												
	484 + 242	90, 91, 92, 93	90, 91, 92, 93												
996	67	67													
SU	--	--		X		X		X		X		X		X	
160	26	0 ~ 536	0 ~ 536		X		X						X		
	52	37 ~ 552	37 ~ 552												X
	52 + 26	70 ~ 581	sb0: 71,72,73,74,77,78,79,80 sb1: 71,72,73,74,77,78,79,80												
	106	53 ~ 560	53 ~ 560												
	106 + 26	82 ~ 89	82, 85, 86, 89						X		X				
	242	61 ~ 564	61 ~ 564												
	484	65 ~ 566	65 ~ 566												
	484 + 242	sb0: 90, 91, 92, 93 sb1: 90, 91, 92, 93	sb0: 90, 91, 92, 93 sb1: 90, 91, 92, 93												
	996	67 ~ 567	67 ~ 567												
	996 + 484	sb0: 94, 95 sb1: 94, 95	sb0: 94, 95 sb1: 94, 95												
	996 + 484 + 242	sb0: 96, 97, 98, 99 sb1: 96, 97, 98, 99	sb0: 96, 97, 98, 99 sb1: 96, 97, 98, 99												
	996x2	568	568												
SU	--	--		X		X		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

WIFI 7 - 802.11be																			
BW (MHz)	Tone (T)	RU Index	RU Index from Chipset support	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	0 ~ 8																
	52	37 ~ 40	37 ~ 40																
	52 + 26	70 ~ 81	70, 71, 72																
	106	53 ~ 54	53 ~ 54		X		X		X		X								
	106 + 26	82 ~ 89	82, 83										X		X		X		X
	242	61	61																
	5U	--	--	X		X		X		X		X		X		X		X	
40	26	0 ~ 17	0 ~ 17																
	52	37 ~ 44	37 ~ 44																
	52 + 26	70 ~ 81	70, 72, 73, 74, 75																
	106	53 ~ 56	53 ~ 56																
	106 + 26	82 ~ 89	82, 83, 84, 85		X		X		X		X		X		X		X		X
	242	61 ~ 61	61 ~ 62																
	484	65	65																
80	5U	--	--	X		X		X		X		X		X		X		X	
	26	0 ~ 36	0 ~ 36																
	52	37 ~ 52	37 ~ 52																
	52 + 26	70 ~ 81	71, 72, 73, 74, 77, 78, 79, 80																
	106	53 ~ 60	53 ~ 60																
	106 + 26	82 ~ 89	82, 85, 86, 89		X		X		X		X		X		X		X		X
	242	61 ~ 64	61 ~ 64																
160	484	65 ~ 66	65 ~ 66																
	484 + 242	90, 91, 92, 93	90, 91, 92, 93																
	996	67	67																
	5U	--	--	X		X		X		X		X		X		X		X	
	26	0 ~ 536	0 ~ 536																
	52	37 ~ 552	37 ~ 552																
	52 + 26	70 ~ 581	sb0: 71, 72, 73, 74, 77, 78, 79, 80 sb1: 71, 72, 73, 74, 77, 78, 79, 80																
	106	53 ~ 560	53 ~ 560																
	106 + 26	82 ~ 89	82, 85, 86, 89		X		X		X		X		X		X		X		X
	242	61 ~ 564	61 ~ 564																
	484	65 ~ 566	65 ~ 566																
	484 + 242	sb0: 90, 91, 92, 93 sb1: 90, 91, 92, 93	sb0: 90, 91, 92, 93 sb1: 90, 91, 92, 93																
	996	67 ~ 567	67 ~ 567																
	996 + 484	sb0: 94, 95 sb1: 94, 95	sb0: 94, 95 sb1: 94, 95																
	996 + 484 + 242	sb0: 96, 97, 98, 99 sb1: 96, 97, 98, 99	sb0: 96, 97, 98, 99 sb1: 96, 97, 98, 99																
	996x2	568	568																
	5U	--	--	X		X		X		X		X		X		X		X	

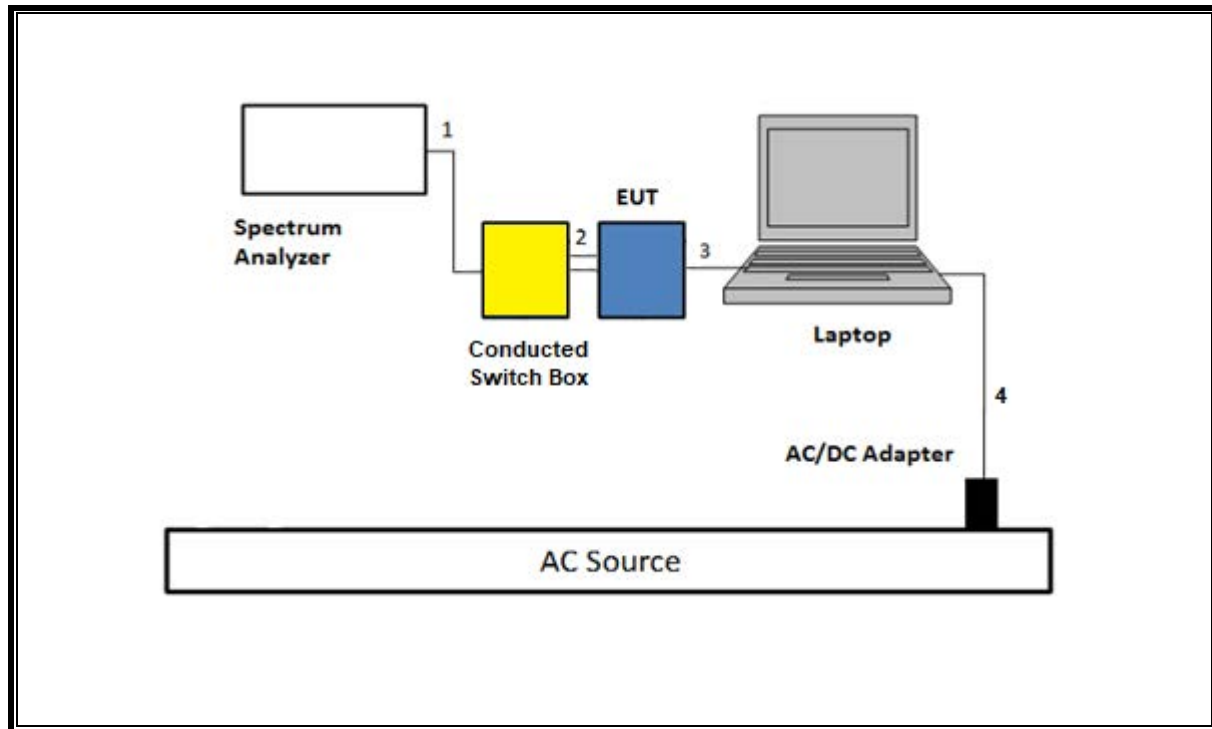
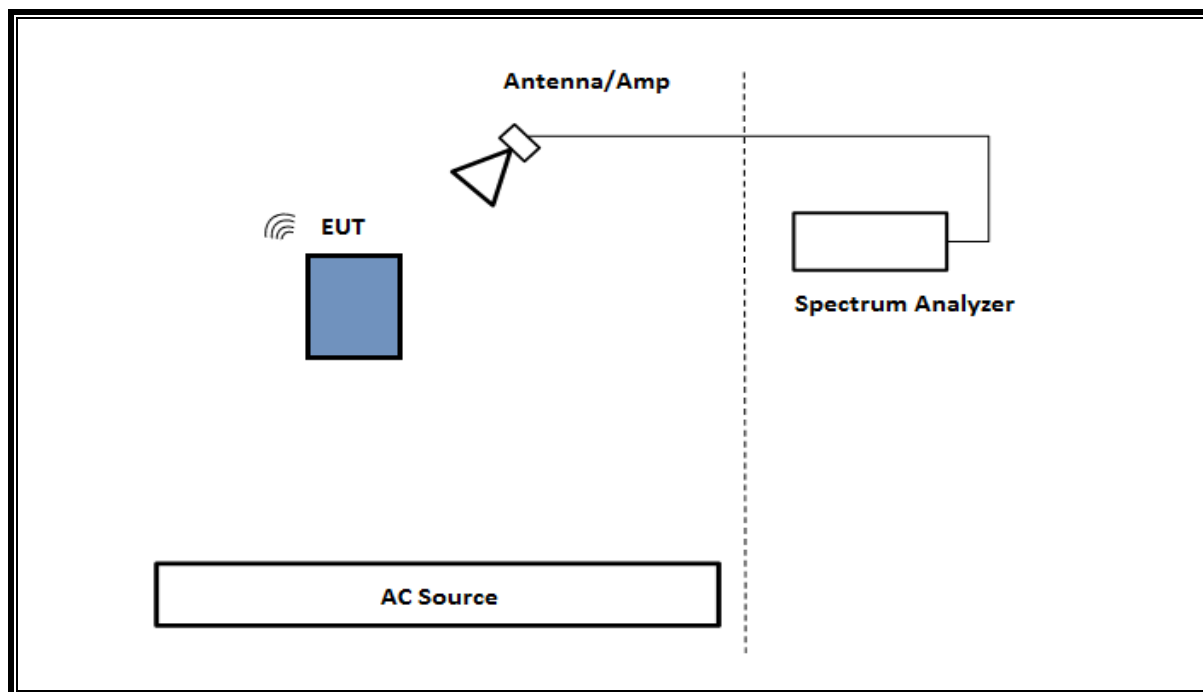
6.6. DESCRIPTION OF TEST SETUP

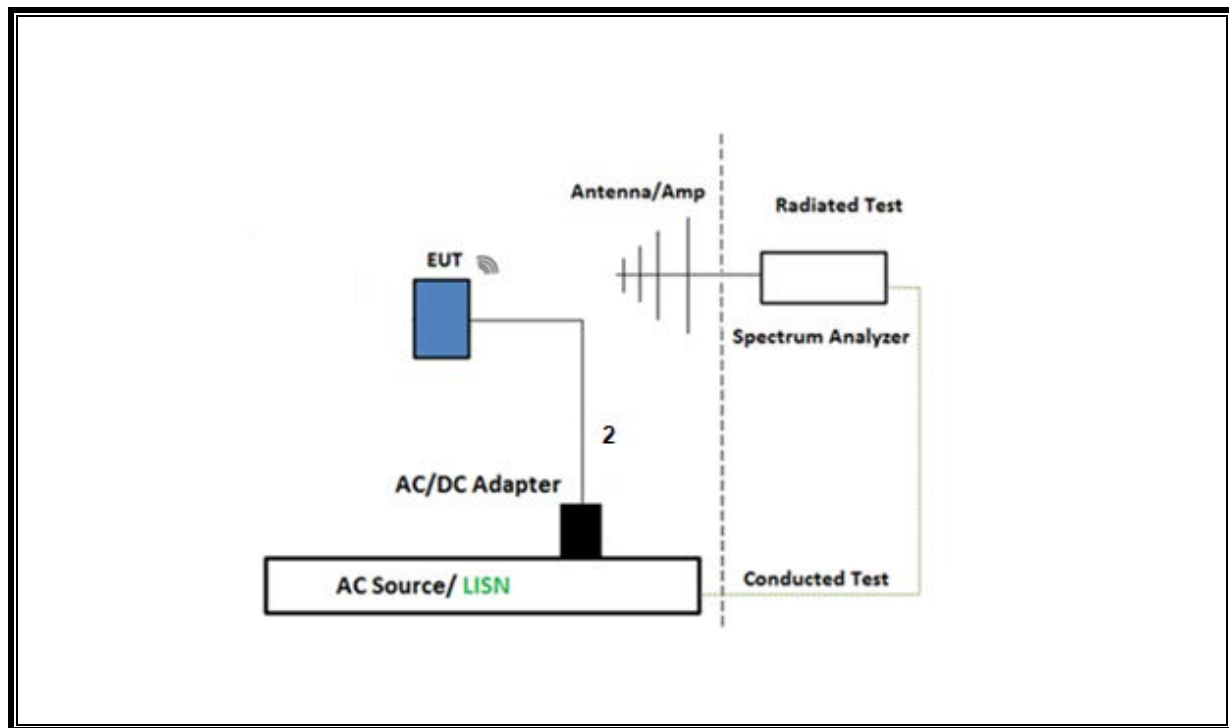
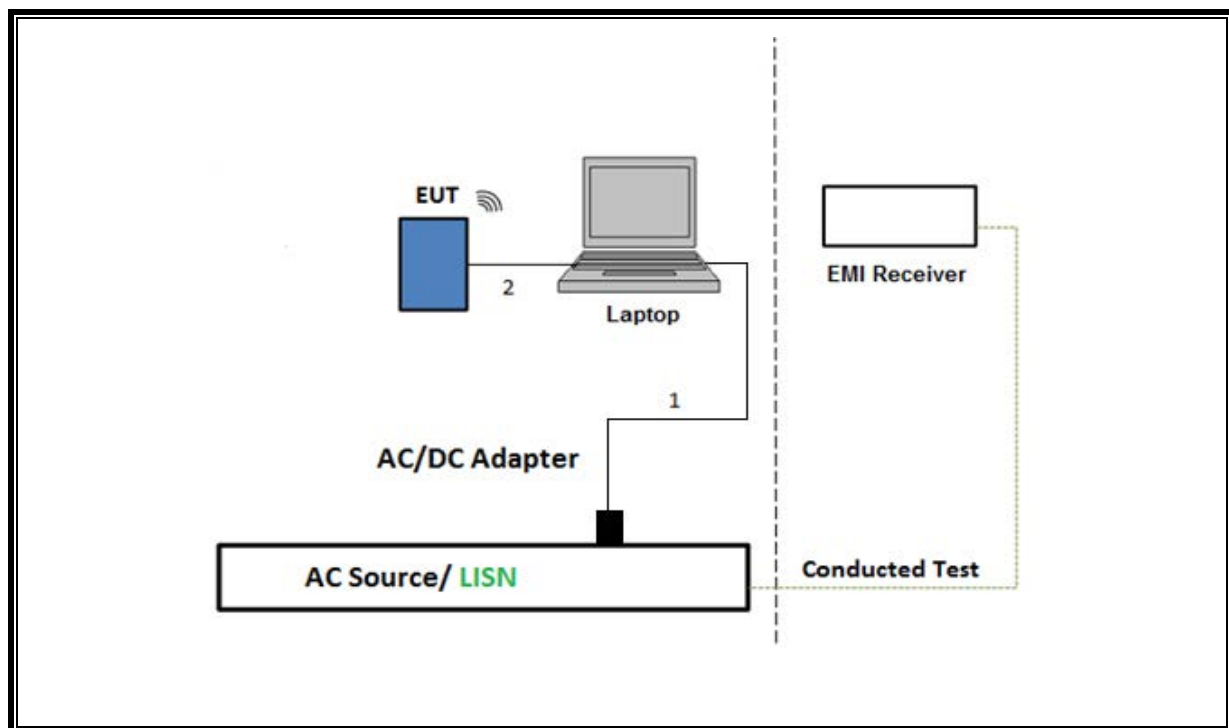
SUPPORT TEST EQUIPMENT						
Description		Manufacturer	Model	Serial Number		FCC ID/ DoC
Laptop		Apple	Macbook Pro	N0X190W19P		DoC
Laptop AC/DC adapter		Apple	A2166	C4H2384086TPM0WAR		DoC
EUT AC/DC adapter		Apple	n/a	30B571		DoC
Conducted Switch Box		UL	CSB	10029		N/A
Companion Device		Apple	iPhone	VALK-CRBNE_1NY1BC1		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	0.2	To spectrum Analyzer
2	Antenna	2	SMA	Shielded	0.2	EUT to Switchbox
3	USB-C	1	USB-C	Shielded	1.0	N/A
4	DC	1	DC	Shielded	2	N/A
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	N/A
2	USB	1	USB-C	Shielded	1	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	N/A
2	SMA	6	SMA	Shielded	0.75	To PXA/Power Meter/Coupler/CMX 500
3	USB	1	USB-C	Shielded	1	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	DC to AC Mains
2	DC	1	DC	Shielded	1.5	To Laptop
3	USB-C	1	USB-C	Shielded	1.0	N/A
4	SMA	4	SMA	Shielded	0.75	To PXA, coupler, step attenuator and companion device

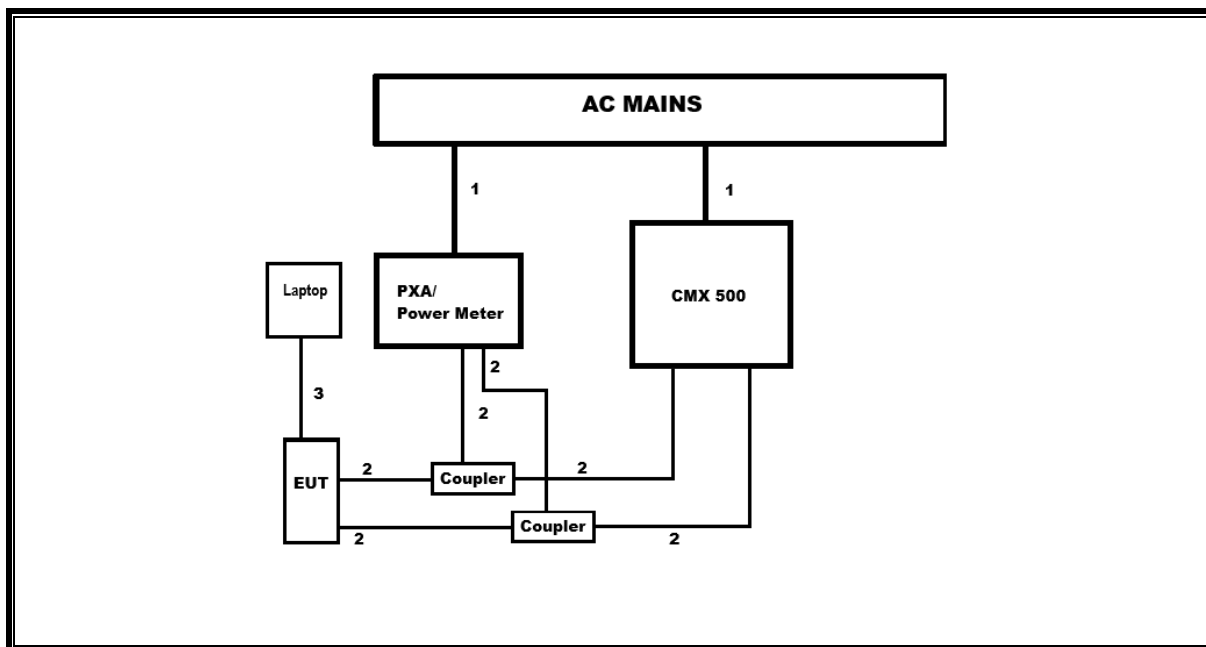
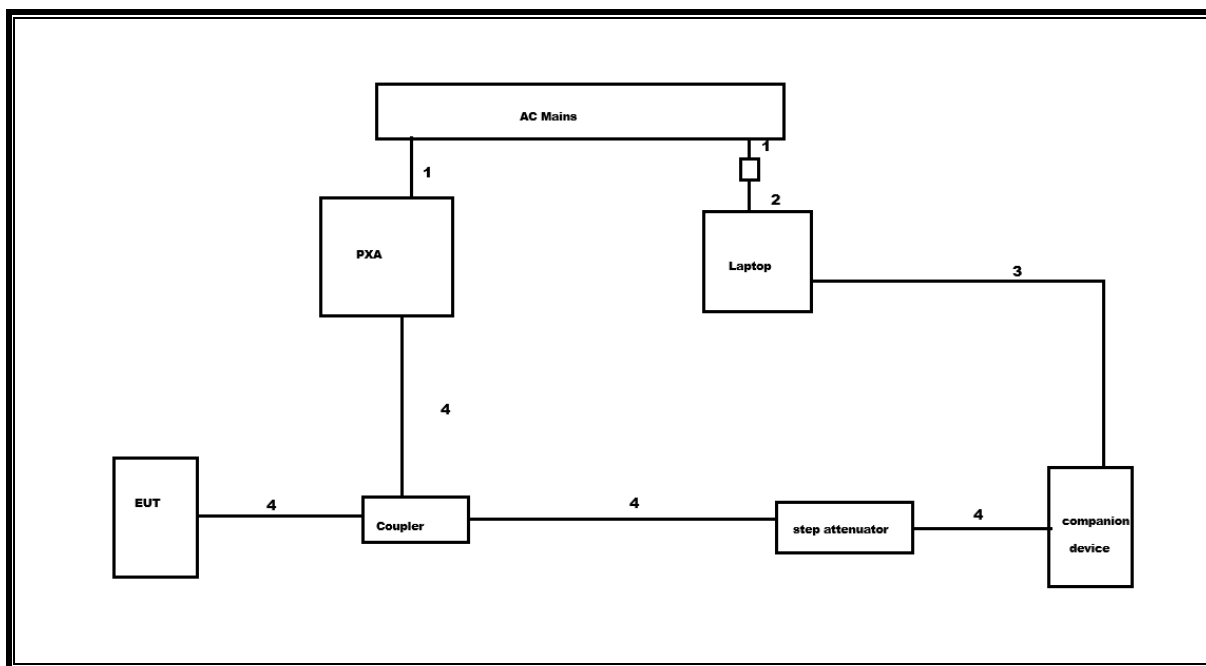
TEST SETUP

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

On Time and Duty Cycle: KDB 789033 D02, Section II-B.

26 dB Emission BW: KDB 789033 D02, Section II-C.

99% Occupied Bandwidth: KDB 789033 D02, Section II-D

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

Power Spectral Density (PSD): 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, Section II-G.3, G.4, G.5, and G.6.

Unwanted emissions in non-restricted bands: KDB 789033 D02, Section 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 was utilized for the tests documented in this report:

TEST EQUIPMENT LIST				
Description	Manufacturer	Model	ID Num	Cal Due
Spectrum Analyzer, PXA, 3Hz to 44GHz	Keysight Technologies Inc	N9030A	125179	2026-01-31
Conducted Switch Box	UL-FR1	CSB	*245783	2025-05-31
DC Power Supply	TDK-LAMBDA	GEN 60-25	PRE0074756	N/A
Boonton Power Sensor	Maury Microwave	RTP4018-S1	262745	2026-04-30
Spectrum Analyzer, PXA, 3Hz to 44GHz	Keysight Technologies Inc	N9030A-544	90238	2026-01-31
Conducted Switch Box	UL-FR1	CSB	245782	2025-07-31
DC Power Supply	TDK-LAMBDA	GEN 60-25	PRE0074753	N/A
Boonton Power Sensor	Maury Microwave	RTP4018-S1	262749	2026-04-30
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
Power Meter, P-series single channel	Keysight Technologies Inc	N1911A	90718	2026-01-31
Power Sensor, P - series, 50MHz to 18GHz, Wideband	Keysight Technologies Inc	N1921A	90419	2026-01-31
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	223084	2026-12-31
RF Filter Box, 1-18GHz	UL-FR1	Frankenstein	230878	2026-05-31
EMI Test Receiver	Rohde & Schwarz	ESW44	191428	2026-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	84797	2026-10-31
RF Filter Box, 1-18GHz	UL-FR1	Rats 2.0	225079	2026-05-31
EMI Test Receiver	Rohde & Schwarz	ESW44	235670	2026-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	200897	2026-04-30
RF Filter Box, 1-18GHz	UL-FR1	Rats 2.0	217255	2026-01-31
EMI Test Receiver	Rohde & Schwarz	ESW44	169936	2026-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	206808	2026-04-30
RF Filter Box, 1-18GHz	UL-FR1	Silver Box	197920	2026-03-31
EMI Test Receiver	Rohde & Schwarz	ESW44	225688	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	201502	2026-02-27
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	80404	2025-08-31
RF Filter Box, 1-18GHz	UL-FR1	Rats 2.0	226781	2026-03-31
EMI Test Receiver	Rohde & Schwarz	ESW44	226078	2026-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	79834	2026-07-31
RF Filter Box, 1-18GHz	UL-FR1	Frankenstein	237597	2025-10-31
EMI Test Receiver	Rohde & Schwarz	ESW44	169937	2026-02-28
Antenna, Broadband Hybrid 30 MHz -3 GHz	Sunol Sciences Corp.	JB3	85150	2025-12-30
Link File, @3m, 9kHz-1000MHz Hybrid Path Loss	UL-FR1	Port 0 Factors	208807	2026-01-31
Antenna, Horn 18-26.5GHz	A.R.A	MWH-1826/B	199659	2027-03-31
Link File, RF Amplifier Assembly, 18-26.5GHz, 60dB Gain	Ampical	AMP18G26.5-60	234683	2026-02-28
Antenna, Horn 26.5-40GHz	A.R.A	MWH-2640/B	81105	2025-08-31
Link File, RF Amplifier Assembly, 26 - 40GHz, 60dB Gain	Ampical	AMP26G40-60	220193	2026-04-29
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	201498	2026-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	226672	2026-02-28
RF Filter Box, 1-18GHz	UL-FR1	Frankenstein	231876	2026-04-30
EMI Test Receiver	Rohde & Schwarz	ESW44	223459	2026-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	*80402	2025-07-31
RF Filter Box, 1-18GHz	UL-FR1	Frankenstein	216812	2026-01-31
EMI Test Receiver	Rohde & Schwarz	ESW44	230548	2026-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	226671	2026-02-28
RF Filter Box, 1-18GHz	UL-FR1	Rats2	236726	2025-10-31
EMI Test Receiver	Rohde & Schwarz	ESW44	223460	2026-02-28
EMI Test Receiver	Rohde & Schwarz	ESW44	169935	2026-02-28
Antenna, Passive Loop 30Hz - 1MHz	ELECTRO-METRICS	EM-6871	219908	2025-09-30

*Testing was completed before equipment calibration date

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				
Radiated Software	UL	UL EMC	Ver 9.5 May 1, 2023	
AC Line Conducted Software	UL	UL EMC	Ver 9.5 Jan 9, 2023	
Conducted Software	UL	Station Tool	v2025.6.1, v2025.6.0, v2025.5.3, v2025.4.8, v2025.3.0	

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(.3meter)	Pasternack	PE360-12	246328	2026-05-31
SMA-SMA cable(.3meter)	Pasternack	PE360-12	246324	2026-05-31
SMA-SMA cable(.3meter)	Pasternack	PE360-12	246326	2026-05-31
SMA-SMA cable(.6meter)	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

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)
a-mode	--	6Mb/s	3.830	3.855	0.9935	99.35	0.00	0.010
EHT20	SU	MCS0	4.6200	4.6450	0.9946	99.46	0.00	0.010
		MCS11	5.4330	5.4600	0.9951	99.51	0.00	0.010
	26T	MCS0	2.0270	2.0640	0.9821	98.21	0.00	0.010
		MCS11	2.0290	2.0640	0.9830	98.30	0.00	0.010
	52T	MCS0	2.0290	2.0670	0.9816	98.16	0.00	0.010
		MCS11	2.0290	2.0720	0.9792	97.92	0.09	0.493
	106T	MCS0	2.0270	2.0720	0.9783	97.83	0.10	0.493
		MCS11	2.0270	2.0640	0.9821	98.21	0.00	0.010
	MRU106+26T	MCS0	2.0640	2.0720	0.9961	99.61	0.00	0.010
		MCS11	2.0270	2.0640	0.9821	98.21	0.00	0.010
EHT40	SU	MCS0	5.3530	5.4130	0.9889	98.89	0.00	0.010
		MCS11	2.9800	3.0070	0.9910	99.10	0.00	0.010
	26T	MCS0	2.0270	2.0640	0.9821	98.21	0.00	0.010
		MCS11	2.0290	2.0720	0.9792	97.92	0.09	0.493
	52T	MCS0	2.0290	2.0670	0.9816	98.16	0.00	0.010
		MCS11	2.0270	2.0720	0.9783	97.83	0.10	0.493
	106T	MCS0	2.0290	2.0830	0.9741	97.41	0.11	0.493
		MCS11	2.0270	2.0640	0.9821	98.21	0.00	0.010
	MRU106+26T	MCS0	2.0290	2.0670	0.9816	98.16	0.00	0.010
		MCS11	2.0290	2.0640	0.9830	98.30	0.00	0.010
EHT80	SU	MCS0	5.1400	5.1670	0.9948	99.48	0.00	0.010
		MCS11	1.4620	1.4870	0.9832	98.32	0.00	0.010
	26T	MCS0	2.0270	2.0640	0.9821	98.21	0.00	0.010
		MCS11	2.0290	2.0720	0.9792	97.92	0.09	0.493
	52T	MCS0	2.0270	2.0640	0.9821	98.21	0.00	0.010
		MCS11	2.0270	2.0640	0.9821	98.21	0.00	0.010
	106T	MCS0	2.0270	2.0640	0.9821	98.21	0.00	0.010
		MCS11	2.0270	2.0640	0.9821	98.21	0.00	0.010
	MRU106+26T	MCS0	2.0290	2.0640	0.9830	98.30	0.00	0.010
		MCS11	2.0290	2.0750	0.9778	97.78	0.10	0.493
EHT160	SU	MCS0	5.3200	5.3470	0.9950	99.50	0.00	0.010
		MCS11	0.7660	0.7910	0.9684	96.84	0.14	1.305
	26T	MCS0	2.0290	2.0720	0.9792	97.92	0.09	0.493
		MCS11	2.0270	2.0720	0.9783	97.83	0.10	0.493
	52T	MCS0	2.0290	2.0640	0.9830	98.30	0.00	0.010
		MCS11	2.0290	2.0670	0.9816	98.16	0.00	0.010
	106T	MCS0	2.0290	2.0670	0.9816	98.16	0.00	0.010
		MCS11	2.0290	2.0640	0.9830	98.30	0.00	0.010
	242T	MCS0	2.0270	2.0720	0.9783	97.83	0.10	0.493
		MCS11	2.0290	2.0670	0.9816	98.16	0.00	0.010
	MRU106+26T	MCS0	2.0270	2.0640	0.9821	98.21	0.00	0.010
		MCS11	2.0290	2.0640	0.9830	98.30	0.00	0.010

Mode	Tone	Data Rate (Mbps)	ON Time T (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)
EHT20 SDM	SU	MCS0	5.3870	5.4130	0.9952	99.52	0.00	0.010
	26T	MCS0	2.0270	2.0640	0.9821	98.21	0.00	0.010
	52T	MCS0	2.0290	2.0750	0.9778	97.78	0.10	0.493
	106T	MCS0	2.0270	2.0640	0.9821	98.21	0.00	0.010
	MRU106+26T	MCS0	2.0270	2.0640	0.9821	98.21	0.00	0.010
EHT40 SDM	SU	MCS0	5.3870	5.4070	0.9963	99.63	0.00	0.010
	26T	MCS0	2.0290	2.0670	0.9816	98.16	0.00	0.010
	52T	MCS0	2.0290	2.0640	0.9830	98.30	0.00	0.010
	106T	MCS0	2.0270	2.0640	0.9821	98.21	0.00	0.010
	MRU106+26T	MCS0	2.0290	2.0640	0.9830	98.30	0.00	0.010
EHT80 SDM	SU	MCS0	5.3270	5.3530	0.9951	99.51	0.00	0.010
	26T	MCS0	2.0290	2.0640	0.9830	98.30	0.00	0.010
	52T	MCS0	2.0290	2.0640	0.9830	98.30	0.00	0.010
	106T	MCS0	2.0290	2.0640	0.9830	98.30	0.00	0.010
	MRU106+26T	MCS0	2.0290	2.0750	0.9778	97.78	0.10	0.493
EHT160 SDM	SU	MCS0	5.4200	5.4470	0.9950	99.50	0.00	0.010
	26T	MCS0	2.0270	2.0640	0.9821	98.21	0.00	0.010
	52T	MCS0	2.0290	2.0640	0.9830	98.30	0.00	0.010
	106T	MCS0	2.0290	2.0640	0.9830	98.30	0.00	0.010
	242T	MCS0	2.0270	2.0640	0.9821	98.21	0.00	0.010
	MRU106+26T	MCS0	2.0290	2.0670	0.9816	98.16	0.00	0.010

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



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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	MRU106+26T: 300kHz/910kHz 106T: 300kHz/910kHz	52T: 510kHz/1.6MHz 106T: 510kHz/1.6MHz MRU106+26T: 510kHz/1.6MHz	52T: 510kHz/1.6MHz 52T: 820kHz/2.7MHz 106T: 510kHz/1.6MHz MRU106+26T: 510kHz/1.6MHz	106T: 510kHz/1.6MHz 52T: 510kHz/1.6MHz 242T: 510kHz/1.6MHz MRU106+26T: 510kHz/1.6MHz
	SU	300kHz/910kHz	510kHz/1.6MHz	1MHz/3MHz	2MHz/6MHz

*Different RBW/VBW due to different partial tones.

RESULTS

ID:	JP 19336	Date:	2025-03-08 to 2025-08-12
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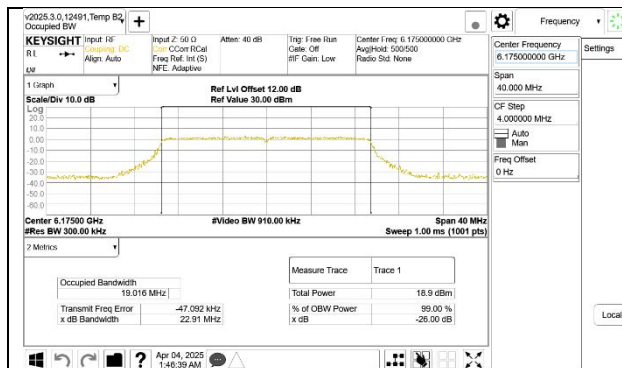
For mask and bandwidth measurements partial RU allocations are tested with the RUs allocated at the lower and upper positions within the channel for the low, mid and high channels in each band. Additionally, the mid channel is also tested with the RU allocated in the center of the channel to verify that the low / high RU allocations are worst case.

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

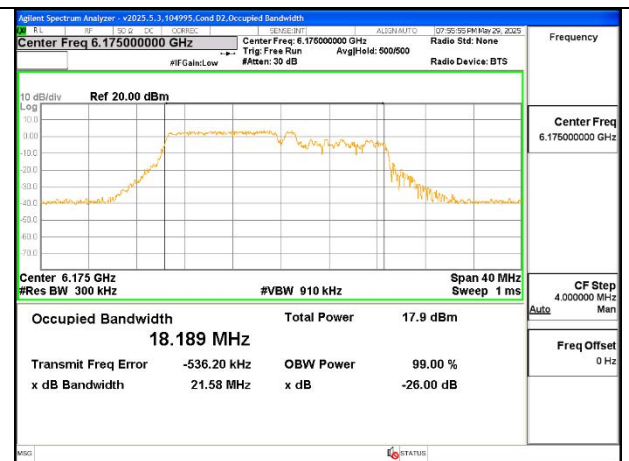
The tests performed on this device show that both 99% and 26dB bandwidths are less than 320 MHz. for all supported channel bandwidths.

9.2.1. 802.11be SISO MODE IN THE UNII-5 BAND

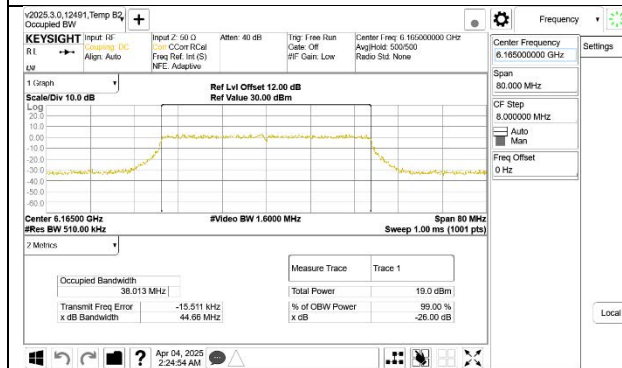
UNII-5 (SISO)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20 MHz	5955	1	SU	--	23.03	22.20	19.037	19.034
			MRU106+26T	82	21.97	21.72	18.176	18.172
				83	21.22	21.31	18.110	18.171
	6175	45	SU	--	22.91	22.41	19.016	19.013
			MRU106+26T	82	21.58	21.62	18.189	18.202
				83	21.02	21.17	18.145	18.024
	6415	93	SU	--	22.78	22.19	19.055	19.012
			MRU106+26T	82	21.91	22.09	18.234	18.146
				83	21.11	20.87	18.117	18.082
40 MHz	5965	3	SU	--	44.18	43.98	38.029	37.969
			106T	53	21.51	22.10	18.124	18.054
				--	--	--	--	--
	6165	43		56	21.51	21.34	18.004	18.007
			SU	--	44.66	43.21	38.013	38.018
			106T	53	21.65	21.95	18.083	18.116
				54	21.99	21.66	18.718	18.586
				56	21.07	21.36	18.076	18.119
	6405	91	SU	--	44.61	43.28	38.071	38.019
			106T	53	22.32	21.56	18.078	18.076
				--	--	--	--	--
				56	21.50	21.09	17.915	18.045
				--	86.03	84.00	77.704	77.674
80MHz	5985	7	SU	--	86.03	84.00	77.704	77.674
			MRU106+26T	82	23.43	22.76	18.525	18.300
				--	--	--	--	--
	6145	39		89	22.04	21.31	18.485	18.356
			SU	--	85.48	84.74	77.757	77.785
			MRU106+26T	82	22.07	23.18	18.025	18.545
				85	21.73	21.75	18.449	18.133
				89	21.47	22.31	18.436	18.383
	6385	87	SU	--	84.87	84.18	77.752	77.621
			MRU106+26T	82	22.73	22.83	18.388	18.473
				--	--	--	--	--
				89	22.12	21.26	18.520	18.166
				--	164.20	163.90	156.950	156.710
160MHz	6025	15	SU	--	164.20	163.90	156.950	156.710
			MRU106+26T	82	21.86	21.30	18.168	18.313
				--	--	--	--	--
	6185	47		S89	21.14	21.18	18.318	18.197
			SU	--	165.40	164.30	156.630	156.970
			MRU106+26T	82	21.54	21.91	18.244	18.339
				89	21.20	20.86	18.433	18.369
				S89	20.96	21.31	18.171	18.433
	6345	79	SU	--	164.40	164.90	156.860	156.680
			MRU106+26T	82	21.92	22.78	18.250	18.355
				--	--	--	--	--
				S89	21.710	21.420	18.23	18.30



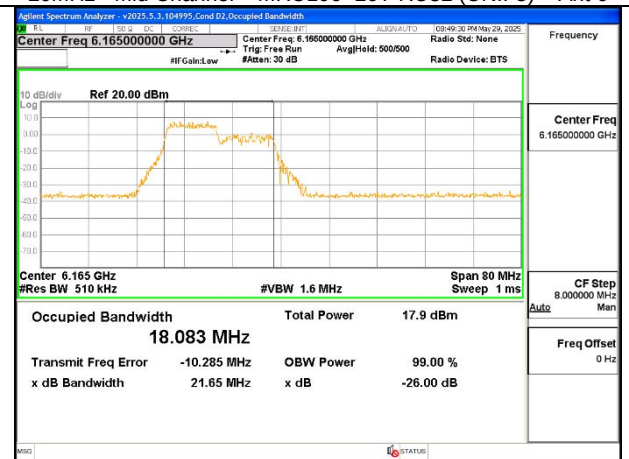
20MHz - Mid Channel – SU (UNII-5) – Ant 6



20MHz - Mid Channel – MRU106+26T-RU82 (UNII-5) – Ant 6



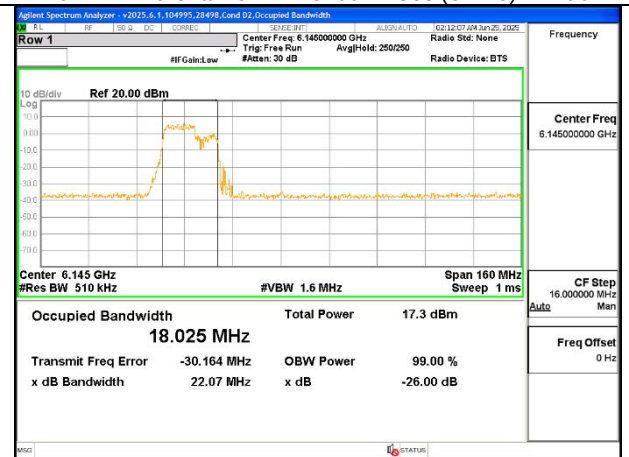
40MHz - Mid Channel – SU (UNII-5) – Ant 6



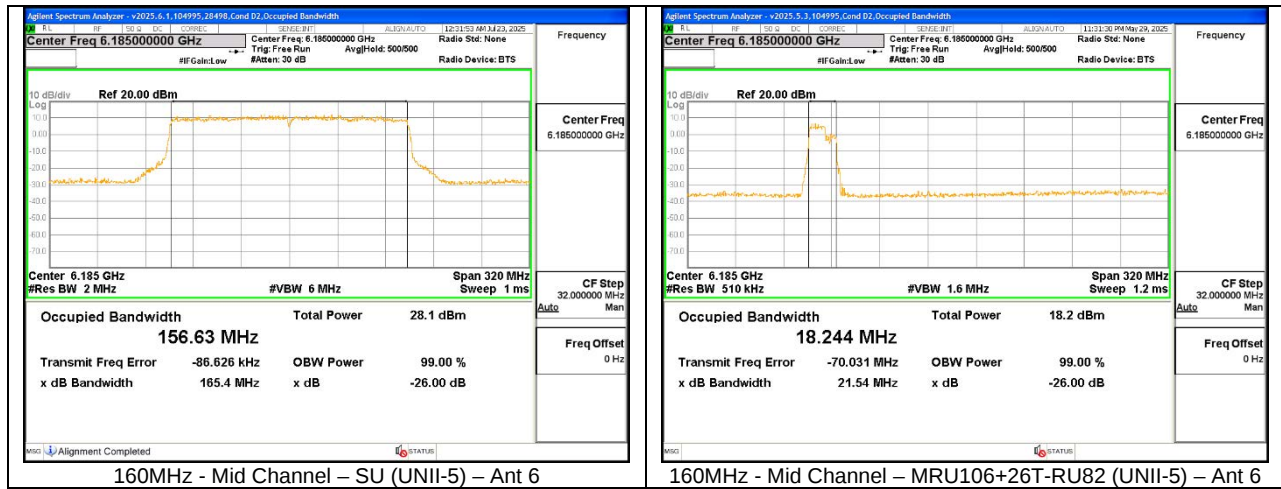
40MHz - Mid Channel – MRU106T-RU53 (UNII-5) – Ant 6



80MHz - Mid Channel – SU (UNII-5) – Ant 6



80MHz - Mid Channel – MRU106+26T-RU82 (UNII-5) – Ant 6



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

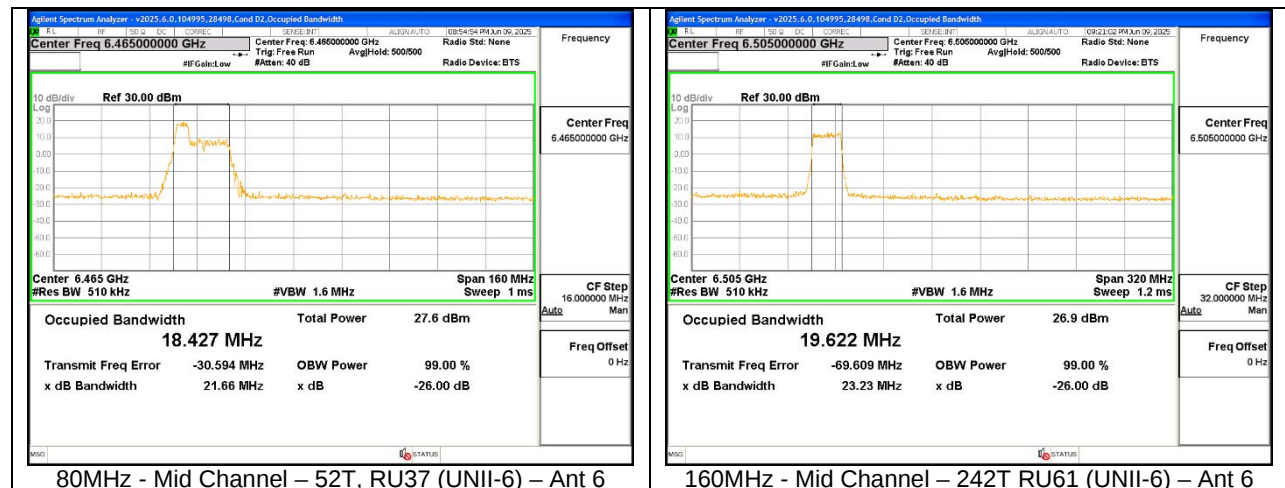
UNII-5 (MIMO CDD)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20 MHz	5955	1	SU	--	23.62	22.58	19.055	19.033
			MRU106+26T	82	21.88	20.55	18.191	17.968
				83	21.31	20.47	18.154	18.060
	6175	45	SU	--	22.83	22.16	19.017	19.021
			MRU106+26T	82	21.59	20.51	18.172	18.107
				83	20.80	18.12	18.064	20.270
	6415	93	SU	--	23.08	22.36	19.074	19.028
			MRU106+26T	82	21.90	21.00	18.197	18.015
				83	20.99	20.56	18.182	18.124
40 MHz	5965	3	SU	--	44.09	42.81	38.022	38.018
			106T	53	21.88	21.16	18.071	17.964
				--	--	--	--	--
				56	21.07	20.94	18.157	17.982
	6165	43	SU	--	43.92	44.00	38.035	38.012
			106T	53	21.90	21.88	18.029	18.010
				54	21.76	20.91	18.750	18.668
				56	21.32	20.71	18.096	17.939
	6405	91	SU	--	44.14	43.87	38.130	38.049
			106T	53	22.00	21.11	18.068	17.997
				--	--	--	--	--
				56	21.40	20.81	18.190	17.526
80MHz	5985	7	SU	--	85.53	84.15	77.956	77.617
			MRU106+26T	82	23.19	21.31	18.710	18.222
				--	--	--	--	--
				89	22.21	21.09	18.544	18.246
	6145	39	SU	--	84.81	84.45	77.723	77.575
			MRU106+26T	82	22.60	21.19	18.255	18.164
				85	21.35	20.81	18.059	17.963
				89	22.32	21.60	18.468	18.040
	6385	87	SU	--	85.43	84.74	77.742	77.602
			MRU106+26T	82	22.61	21.69	18.483	18.250
				--	--	--	--	--
				89	20.62	20.67	17.586	18.258
160MHz	6025	15	SU	--	164.60	164.40	156.760	156.740
			MRU106+26T	82	22.22	21.91	18.428	18.327
				--	--	--	--	--
				S89	21.47	20.87	18.173	18.349
	6185	47	SU	--	164.80	164.70	156.750	156.780
			MRU106+26T	82	22.17	21.24	18.344	18.095
				89				
				S89	21.06	21.01	18.187	18.205
	6345	79	SU	--	164.50	164.50	156.670	156.650
			MRU106+26T	82	21.65	21.16	18.253	18.237
				--	--	--	--	--
				S89	21.94	20.92	18.357	18.158

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	--	22.78	22.25	19.069	19.026
			MRU106+26T	82	19.64	19.29	18.167	18.104
				83	19.64	19.45	18.138	18.022
	6175	45	SU	--	23.03	22.25	19.049	19.025
			MRU106+26T	82	20.01	19.55	18.229	18.119
				83	19.63	19.55	17.962	18.086
	6415	93	SU	--	23.42	22.21	19.065	19.031
			MRU106+26T	82	19.96	19.53	18.244	18.131
				83	19.74	19.38	18.119	18.119
40 MHz	5965	3	SU	--	44.08	44.42	38.095	37.958
			106T	53	19.88	19.82	18.145	18.002
				--	--	--	--	--
				56	19.72	19.39	18.080	18.054
	6165	43	SU	--	43.59	42.58	38.055	37.992
			106T	53	19.59	19.39	17.990	17.943
				54	20.27	20.07	18.750	18.533
				56	19.56	18.84	18.018	17.549
	6405	91	SU	--	43.99	44.25	38.085	38.016
			106T	53	19.57	19.81	18.061	17.990
				--	--	--	--	--
				56	19.52	19.20	18.117	17.605
			SU	--	84.88	84.40	77.738	77.791
			MRU106+26T	82	20.03	20.42	18.422	18.285
				--	--	--	--	--
80MHz	5985	7	SU	--	84.88	84.40	77.738	77.791
			MRU106+26T	82	20.03	20.42	18.422	18.285
				--	--	--	--	--
				89	19.78	20.17	18.521	18.192
	6145	39	SU	--	84.21	84.69	77.568	77.617
			MRU106+26T	82	20.31	20.45	18.429	18.309
				85	20.41	20.14	18.301	18.205
				89	19.98	20.27	17.598	18.363
	6385	87	SU	--	85.62	85.21	77.782	77.552
			MRU106+26T	82	20.22	20.31	18.616	18.234
				--	--	--	--	--
				89	20.31	19.80	18.284	18.393
			SU	--	164.70	164.10	157.030	156.820
			MRU106+26T	82	20.08	20.47	18.119	19.041
				--	--	--	--	--
160MHz	6025	15	SU	--	164.70	164.10	157.030	156.820
			MRU106+26T	82	20.08	20.47	18.119	19.041
				--	--	--	--	--
				S89	20.28	20.87	18.906	18.838
	6185	47	SU	--	164.50	163.90	157.100	156.760
			MRU106+26T	82	21.01	19.81	18.813	18.528
				89	21.07	19.77	18.772	18.523
				S89	20.58	20.43	18.872	18.656
	6345	79	SU	--	164.50	164.60	156.750	156.890
			MRU106+26T	82	20.96	20.27	19.415	18.757
				--	--	--	--	--
				S89	20.910	20.390	19.13	18.73

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	--	22.78	22.98	19.018	19.029
			MRU106+26T	82	19.69	19.57	18.198	18.207
				83	19.58	19.68	18.039	18.128
	6475	105	SU	--	22.94	22.26	19.054	19.028
			MRU106+26T	82	19.99	19.66	18.251	18.219
				83	19.61	19.63	18.113	18.168
	6515	113	SU	--	23.29	22.17	19.052	19.042
			MRU106+26T	82	19.87	19.72	18.206	18.214
				83	19.79	19.51	18.079	18.052
40MHz	6445	99	SU	--	44.30	44.34	38.121	38.076
			106T	53	19.50	19.43	18.019	18.029
				--	--	--	--	--
	6485	107	SU	--	43.55	43.90	38.107	38.110
			106T	53	19.83	19.78	18.146	18.120
				54	20.04	20.11	18.572	18.712
	6525 (Straddle)	115		56	19.42	19.49	18.047	18.074
			SU	--	44.29	44.32	38.046	38.053
			106T	53	19.69	19.53	18.088	18.084
				--	--	--	--	--
				56	19.56	19.79	18.034	18.148
80MHz	6465	103	SU	--	85.19	84.68	77.578	77.648
			52T	37	21.66	20.31	18.427	18.735
				45	20.25	20.11	18.909	18.955
				52	20.28	20.26	18.272	18.992
160MHz	6505 (Straddle)	111	SU	--	163.10	164.00	156.560	156.960
			242T	61	23.23	21.91	19.622	20.050
				62	21.67	21.93	20.046	19.999
				S64	22.05	21.65	20.067	20.143



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

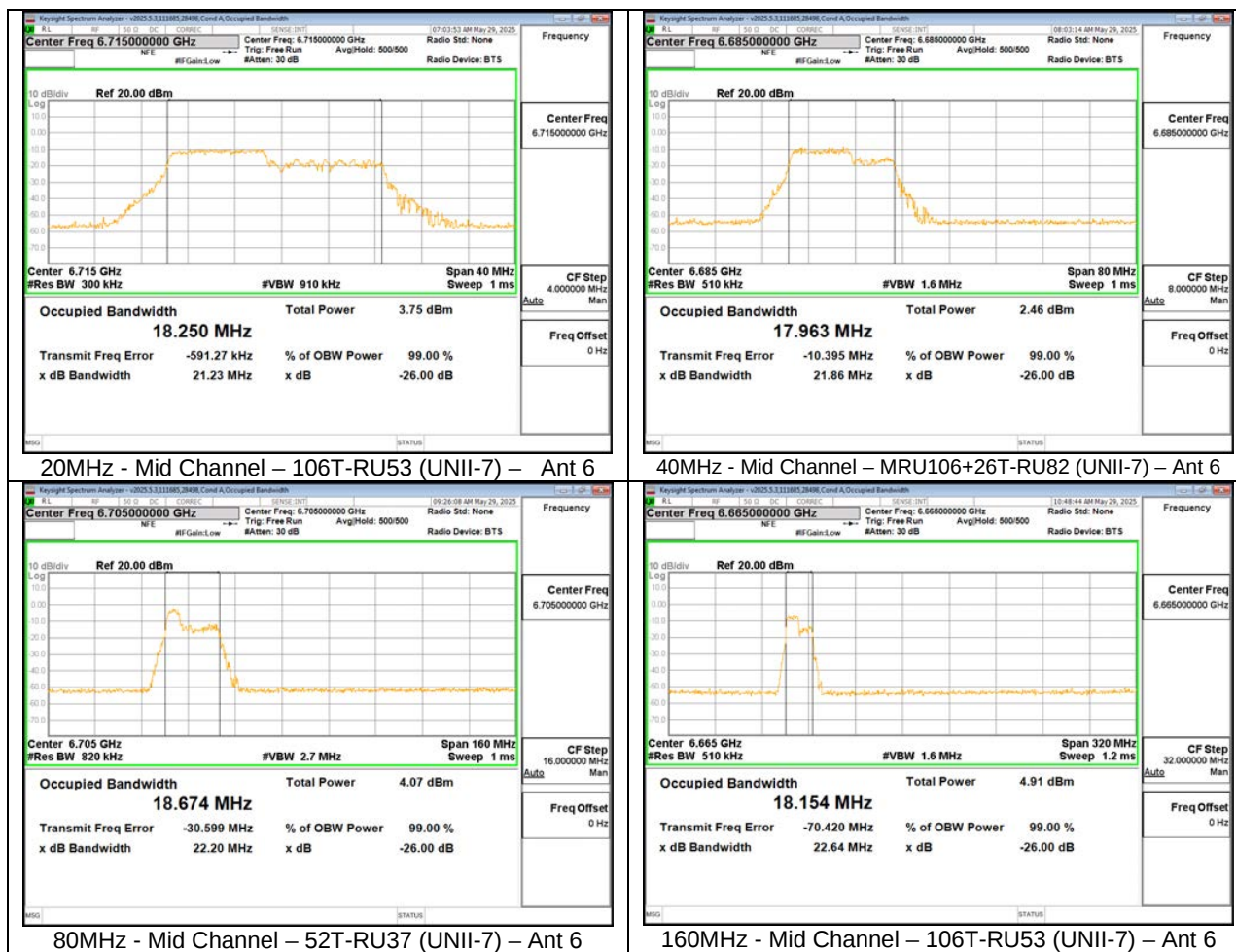
UNII-6 (MIMO CDD)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20MHz	6435	97	SU	--	23.17	22.39	19.061	19.059
			MRU106+26T	82	19.73	19.53	18.260	18.060
				83	19.82	19.56	18.156	18.093
	6475	105	SU	--	23.37	23.01	19.062	19.029
			MRU106+26T	82	19.94	19.60	18.150	18.111
				83	19.55	19.35	18.148	18.060
	6515	113	SU	--	23.35	22.75	19.043	19.014
			MRU106+26T	82	20.00	19.65	18.225	18.096
				83	19.50	19.21	18.105	18.108
40MHz	6445	99	SU	--	43.42	43.26	38.041	38.002
			106T	53	20.06	19.41	18.036	18.011
				--	--	--	--	--
				56	19.66	19.23	18.115	17.951
	6485	107	SU	--	43.67	43.48	38.031	38.031
			106T	53	19.58	19.31	18.081	17.888
				54	20.11	20.09	18.723	18.553
				56	19.77	19.35	18.039	17.963
	6525 (Straddle)	115	SU	--	44.43	43.72	38.044	37.949
			106T	53	19.75	19.20	18.120	17.986
				--	--	--	--	--
				56	19.37	19.32	18.008	17.985
80MHz	6465	103	SU	--	85.98	84.72	77.695	77.706
			52T	37	19.83	19.82	18.433	18.521
				45	20.06	20.07	18.643	18.745
				52	19.89	19.50	18.764	18.636
160MHz	6505 (Straddle)	111	SU	--	167.50	163.60	156.620	156.750
			242T	61	24.00	21.74	19.614	19.920
				62	21.91	22.24	20.058	19.898
				564	22.19	22.16	20.234	20.179

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	--	23.52	22.69	19.028	19.004
			MRU106+26T	82	19.62	19.70	18.215	18.109
				83	19.74	19.45	18.148	18.075
	6475	105	SU	--	22.83	22.57	19.024	19.007
			MRU106+26T	82	19.77	19.82	18.195	18.145
				83	19.65	19.49	18.168	17.966
	6515	113	SU	--	22.83	22.37	19.064	19.021
			MRU106+26T	82	19.51	19.75	18.212	18.050
				83	19.84	19.64	18.060	18.160
40MHz	6445	99	SU	--	43.97	43.49	38.118	38.016
			106T	53	19.82	19.68	18.108	17.939
				--	--	--	--	--
				56	19.39	19.43	18.185	18.141
	6485	107	SU	--	43.98	43.24	38.034	37.980
			106T	53	19.61	19.36	18.047	18.040
				54	19.95	20.02	18.259	18.645
				56	19.31	19.51	18.056	18.118
	6525 (Straddle)	115	SU	--	43.98	43.06	38.053	38.033
			106T	53	19.67	19.55	18.127	18.002
				--	--	--	--	--
				56	19.66	19.58	18.069	17.981
80MHz	6465	103	SU	--	85.79	84.97	77.689	77.653
			52T	37	20.58	19.99	18.914	18.634
				45	19.64	19.92	18.837	18.745
				52	20.03	19.60	19.046	18.522
160MHz	6505 (Straddle)	111	SU	--	164.80	168.70	156.700	156.530
			242T	61	22.10	21.91	19.813	19.839
				62	22.37	21.70	20.228	19.986
				S64	22.12	21.77	20.160	20.106

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	--	22.97	21.77	19.036	19.058
			106T	53	21.74	21.59	18.297	18.270
				54	20.99	21.61	18.151	18.187
	6715	153	SU	--	22.87	22.37	19.019	19.019
			106T	53	21.23	21.53	18.250	18.231
				54	20.96	21.21	18.100	18.126
	6875 (Straddle)	185	SU	--	23.10	22.09	19.022	19.038
			106T	53	21.36	21.61	18.266	18.201
				54	20.99	21.38	18.155	18.213
40MHz	6565	123	SU	--	44.44	43.02	38.055	37.996
			MRU106+26T	82	21.84	22.59	18.082	17.850
				--	--	--	--	--
				85	20.58	21.13	17.982	18.075
	6685	147	SU	--	44.23	43.38	37.989	38.059
			MRU106+26T	82	21.86	22.10	17.963	17.965
				84	22.38	21.42	18.461	18.558
				85	21.50	21.41	18.046	18.096
	6845	179	SU	--	44.11	43.47	38.077	38.055
			MRU106+26T	82	22.20	21.80	18.097	18.052
				--	--	--	--	--
				85	21.47	21.25	18.089	17.884
80MHz	6545 (Straddle)	119	SU	--	84.52	84.65	77.735	77.607
			52T	37	20.89	21.94	18.635	18.720
				--	--	--	--	--
				52	20.61	20.30	18.484	18.205
	6705	151	SU	--	84.47	83.86	77.657	77.612
			52T	37	22.20	21.16	18.674	18.656
				45	21.28	20.72	18.564	18.317
				52	20.25	21.21	18.583	18.459
	6865 (Straddle)	183	SU	--	85.67	84.89	77.680	77.644
			52T	37	22.12	21.80	18.752	18.809
				--	--	--	--	--
				52	21.08	21.47	18.618	18.470
160MHz	6665	143	SU	--	167.10	167.30	157.270	157.160
			106T	53	22.64	21.97	18.154	18.206
				S60	21.26	21.75	18.244	18.399
	6825 (Straddle)	175	SU	--	167.10	167.50	157.200	156.980
			106T	53	22.80	22.48	18.403	18.115
				S60	21.38	21.14	18.240	18.113



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

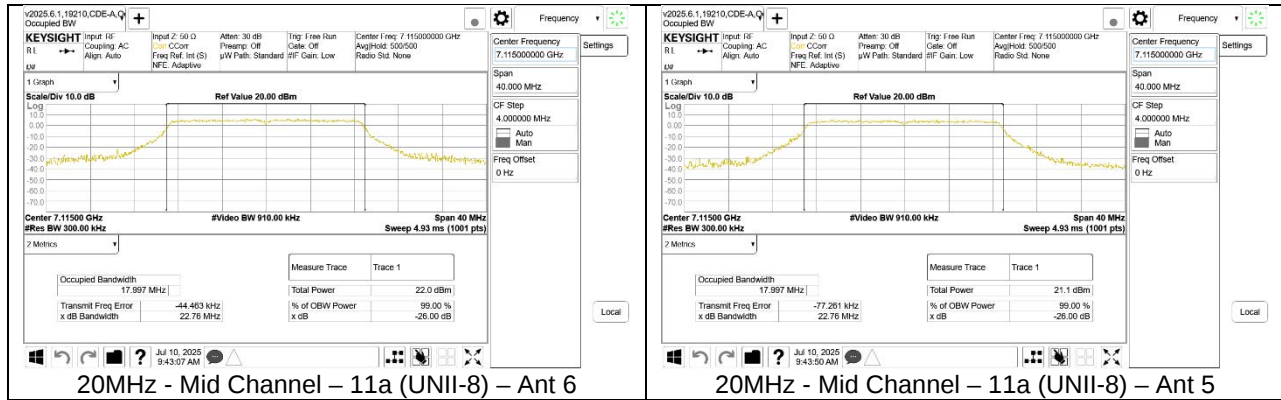
UNII-7 (MIMO CDD)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20MHz	6535	117	SU	--	23.18	22.13	19.037	19.038
			106T	53	21.47	20.95	18.163	18.076
				54	20.78	20.59	18.208	18.106
	6715	153	SU	--	23.29	22.34	19.034	19.032
			106T	53	21.59	20.70	18.220	18.152
				54	21.02	20.40	18.244	18.154
	6875 (Straddle)	185	SU	--	22.72	22.31	19.117	19.033
			106T	53	21.30	20.52	18.244	18.128
				54	21.10	20.71	18.073	18.174
40MHz	6565	123	SU	--	43.55	44.48	38.057	38.042
			MRU106+26T	82	22.28	20.96	18.075	17.954
				--	--	--	--	--
				85	21.24	20.46	17.893	17.919
	6685	147	SU	--	43.92	43.85	38.032	37.982
			MRU106+26T	82	21.98	21.02	17.894	17.872
				84	22.28	21.22	18.606	18.450
				85	20.95	20.26	17.950	17.899
	6845	179	SU	--	43.60	43.71	38.002	38.010
			MRU106+26T	82	22.33	21.02	17.407	17.872
				--	--	--	--	--
				85	21.33	20.52	18.002	17.944
80MHz	6545 (Straddle)	119	SU	--	85.06	85.04	77.802	77.733
			52T	37	22.14	21.73	18.673	18.454
				--	--	--	--	--
				52	21.30	21.17	18.760	18.841
	6705	151	SU	--	84.82	85.27	77.604	77.793
			52T	37	21.94	21.50	18.772	18.448
				45	22.16	21.01	18.65	18.345
				52	21.70	21.29	18.544	18.398
	6865 (Straddle)	183	SU	--	85.38	84.31	77.752	77.694
			52T	37	22.03	20.86	18.827	18.467
				--	--	--	--	--
				52	21.47	21.41	18.616	18.672
160MHz	6665	143	SU	--	163.10	164.50	156.460	156.600
			106T	53	21.47	20.60	18.177	18.094
				S60	21.17	20.52	18.110	18.244
	6825 (Straddle)	175	SU	--	166.50	164.10	156.970	156.510
			106T	53	22.04	20.64	18.041	18.057
				S60	21.64	20.83	18.349	18.113

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	--	22.88	22.37	19.042	19.029
			106T	53	19.56	19.36	18.341	18.122
				54	19.72	19.42	18.371	18.164
	6715	153	SU	--	22.86	22.51	19.079	19.014
			106T	53	19.49	19.29	18.239	18.169
				54	19.46	19.37	18.366	18.083
	6875 (Straddle)	185	SU	--	23.08	21.91	19.038	18.991
			106T	53	20.30	19.46	18.463	18.146
				54	19.66	19.53	18.457	18.277
40MHz	6565	123	SU	--	43.72	43.82	38.028	38.005
			MRU106+26T	82	19.59	19.62	18.356	17.92
				--	--	--	--	--
				85	20.06	19.54	18.368	18.037
	6685	147	SU	--	44.00	43.64	38.066	37.986
			MRU106+26T	82	20.09	19.31	18.376	17.954
				84	20.42	19.79	19.052	18.645
				85	19.72	19.33	18.442	17.977
	6845	179	SU	--	44.19	42.91	38.019	38.062
			MRU106+26T	82	20.59	19.59	18.954	17.971
				--	--	--	--	--
				85	19.86	19.40	18.511	17.956
80MHz	6545 (Straddle)	119	SU	--	85.24	84.66	77.584	77.689
			52T	37	20.13	19.86	19.210	18.715
				--	--	--	--	--
				52	20.24	20.11	19.247	19.228
	6705	151	SU	--	85.30	84.99	77.696	77.639
			52T	37	19.81	19.79	18.994	19.001
				45	19.63	19.62	19.024	18.744
				52	19.81	19.81	19.025	18.96
	6865 (Straddle)	183	SU	--	85.28	84.15	77.677	77.591
			52T	37	20.24	20.09	19.692	19.970
				--	--	--	--	--
				52	20.06	19.73	19.227	19.059
160MHz	6665	143	SU	--	164.20	164.40	156.790	156.720
			106T	53	20.01	20.47	18.754	18.779
				S60	20.40	19.82	18.649	18.885
	6825 (Straddle)	175	SU	--	164.50	163.90	156.690	156.660
			106T	53	20.69	20.34	18.956	18.652
				S60	20.54	20.19	18.589	18.597

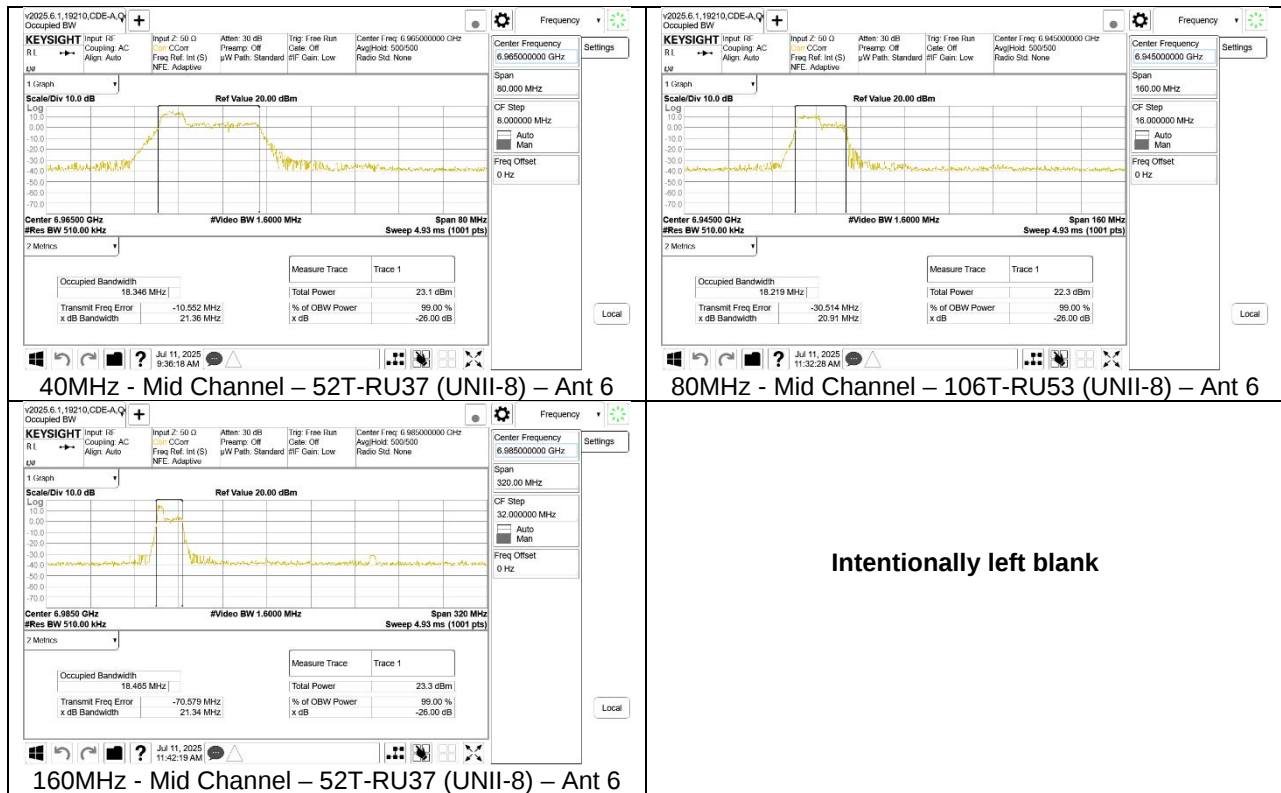
9.2.10. 802.11a SISO MODE IN THE UNII-8 BAND

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	7115	233	--	--	22.76	22.76	17.997	17.997



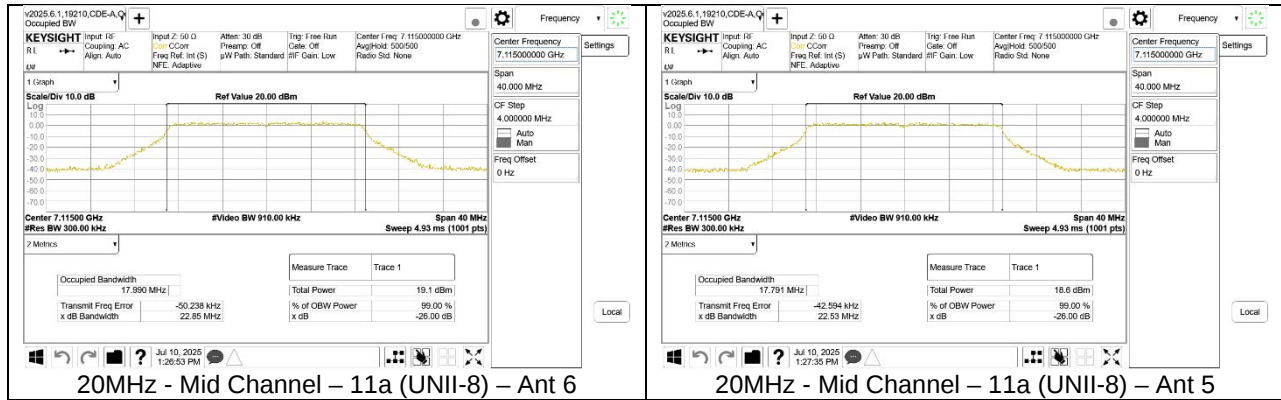
9.2.11. 802.11be SISO MODE IN THE UNII-8 BAND

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	--	22.91	21.91	19.044	19.031
			106T	53	21.59	21.59	18.269	18.190
				54	20.96	21.14	18.261	18.195
	6995	209	SU	--	22.72	22.37	19.054	19.051
			106T	53	21.51	21.36	18.206	18.259
				54	20.72	21.09	18.190	18.134
	7095	229	SU	--	23.22	22.86	19.038	19.049
			106T	53	21.95	21.87	18.254	18.235
				54	21.05	20.70	18.143	18.106
40MHz	6885 (Straddle)	187	SU	--	44.79	43.79	38.030	37.990
			52T	37	21.56	21.18	18.246	18.233
				--	--	--	--	--
				44	21.19	20.93	18.354	18.281
	6965	203	SU	--	44.73	43.67	38.080	38.009
			52T	37	21.36	21.59	18.346	18.272
				41	21.32	21.53	18.887	18.750
				44	20.80	21.38	18.211	18.328
	7085	227	SU	--	43.47	43.88	38.082	38.037
			52T	37	21.86	20.90	18.415	18.295
				--	--	--	--	--
				44	21.03	20.76	18.319	18.308
80MHz	6945	199	SU	--	84.90	84.54	77.552	77.585
			106T	53	20.91	23.37	18.219	18.712
				56	22.65	22.70	18.581	18.401
				60	22.57	22.84	18.540	18.593
	7025	215	SU	--	85.32	84.34	77.857	77.711
			106T	53	22.35	22.53	18.781	18.577
				56	21.46	22.22	18.406	18.594
160MHz	6985	207	52T	60	22.57	22.08	18.540	18.736
				--	165.10	164.50	157.030	156.970
				37	21.34	22.33	18.465	18.843
				52	22.11	21.86	18.559	18.894
				552	21.87	20.73	18.957	18.051



9.2.12. 802.11a MIMO 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	7115	233	--	--	22.85	22.53	17.990	17.791



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	--	23.47	22.36	19.035	19.055
			106T	53	21.64	20.52	18.242	18.099
				54	21.04	20.31	18.010	18.156
	6995	209	SU	--	22.88	22.89	19.068	19.026
			106T	53	21.82	20.56	18.276	18.118
				54	20.61	20.44	17.933	18.115
	7095	229	SU	--	23.26	23.01	19.055	19.047
			106T	53	21.53	21.05	18.120	18.124
				54	20.91	20.47	18.161	18.116
40MHz	6885 (Straddle)	187	SU	--	44.25	43.40	38.058	38.003
			52T	37	21.71	20.67	18.279	17.828
				--	--	--	--	--
				44	20.70	20.36	18.323	18.247
	6965	203	SU	--	44.70	43.47	38.052	38.031
			52T	37	21.60	20.67	18.346	17.828
				41	21.08	21.39	18.880	18.538
				44	20.97	20.73	18.325	18.214
	7085	227	SU	--	45.26	43.72	38.068	38.084
			52T	37	21.36	20.87	18.321	18.131
				--	--	--	--	--
				44	21.17	20.51	18.374	18.193
80MHz	6945	199	SU	--	84.80	84.80	77.613	77.844
			106T	53	23.28	21.25	18.626	18.350
				56	22.25	22.61	18.574	18.436
				60	22.22	21.54	18.526	18.247
	7025	215	SU	--	84.34	84.70	77.986	77.768
			106T	53	23.23	22.61	18.921	18.436
				56	21.76	21.57	18.389	18.192
				60	22.47	21.44	18.656	18.495
160MHz	6985	207	SU	--	164.60	197.20	156.830	156.750
			52T	37	21.81	21.88	18.975	18.874
				52	21.40	18.70	18.750	21.380
				S52	22.01	21.31	18.952	18.612

9.2.14. 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	--	23.61	22.33	19.088	19.007
			106T	53	21.77	20.67	18.268	18.137
				54	21.04	20.45	18.187	18.079
	6995	209	SU	--	22.99	22.25	19.029	19.011
			106T	53	21.78	20.46	18.230	18.125
				54	20.92	20.53	18.234	18.141
	7095	229	SU	--	23.18	22.22	19.044	19.059
			106T	53	21.50	20.81	18.245	18.154
				54	21.07	20.23	17.948	18.159
40MHz	6885 (Straddle)	187	SU	--	44.62	44.25	38.010	38.100
			52T	37	21.76	21.00	18.369	18.226
				--	--	--	--	--
				44	20.92	20.47	18.063	18.225
	6965	203	SU	--	44.15	43.37	38.065	38.001
			52T	37	21.65	21.05	18.402	18.143
				41	22.04	21.01	18.931	18.752
				44	20.79	20.54	18.343	18.264
	7085	227	SU	--	44.15	43.44	38.114	38.061
			52T	37	21.64	21.06	18.284	18.131
				--	--	--	--	--
				44	20.82	20.44	18.357	18.108
80MHz	6945	199	SU	--	84.79	84.35	77.667	77.740
			106T	53	23.33	21.98	18.262	18.527
				56	22.17	22.05	18.476	18.647
				60	21.73	21.82	18.421	18.568
	7025	215	SU	--	87.09	84.17	77.831	77.773
			106T	53	23.15	21.66	18.313	18.291
				56	22.28	22.04	18.502	18.245
				60	21.73	21.86	18.493	18.668
160MHz	6985	207	SU	--	165.90	166.50	156.840	156.900
			52T	37	22.18	22.52	18.851	19.129
				52	21.17	22.44	18.054	18.942
				S52	21.87	21.87	18.914	18.961

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-5/7	Partial RU	26T: 300kHz/910kHz	26T: 510kHz/1.6MHz 52T: 510kHz/1.6MHz	26T: 510kHz/1.6MHz 52T: 510kHz/1.6MHz	26T: 510kHz/1.6MHz 52T: 510kHz/1.6MHz
	SU	300kHz/910kHz	510kHz/1.6MHz	1MHz/3MHz	2MHz/6MHz

*Different RBW/VBW due to different partial tones.

RESULTS

ID:	GM 12491	Date:	2025-03-08 to 2025-08-12
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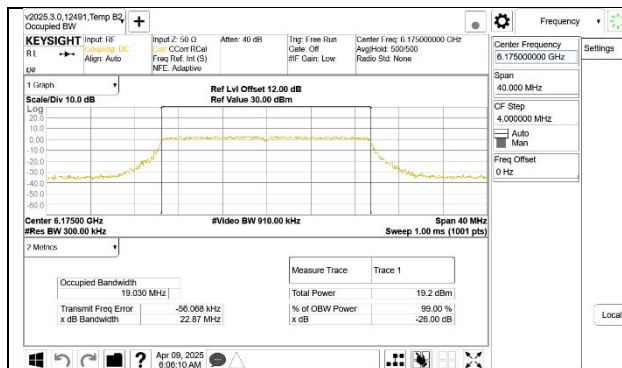
For mask and bandwidth measurements partial RU allocations are tested with the RUs allocated at the lower and upper positions within the channel for the low, mid and high channels in each band. Additionally, the mid channel is also tested with the RU allocated in the center of the channel to verify that the low / high RU allocations are worst case.

The plots in these sections are for reference settings only for different bandwidth and different antenna.

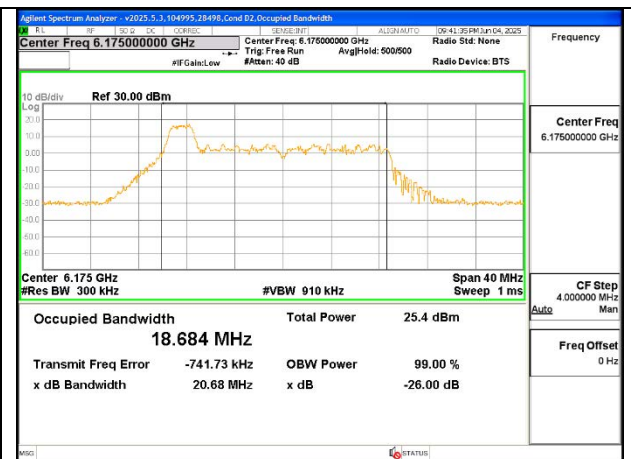
The tests performed on this device show that both 99% and 26dB bandwidths are less than 320 MHz. for all supported channel bandwidths.

9.3.1 802.11be SISO MODE IN THE UNII-5 BAND

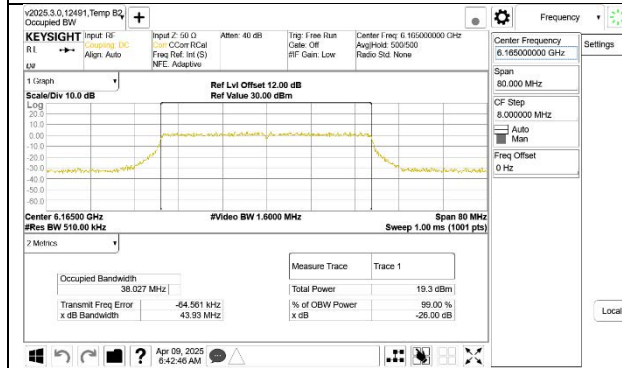
UNII-5 (SISO)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20 MHz	5955	1	SU	--	23.21	22.29	19.039	19.066
			26T	0	20.47	20.06	18.549	18.616
				--	--	--	--	--
				8	20.23	20.36	18.546	18.575
	6175	45	SU	--	22.87	22.50	19.030	19.016
			26T	0	20.68	20.03	18.684	18.420
				4	18.37	18.17	16.934	16.932
				8	20.61	20.47	18.582	18.544
	6415	93	SU	--	23.04	22.04	19.026	19.034
			26T	0	20.29	20.14	18.634	18.596
				--	--	--	--	--
40 MHz	5965	3	SU	--	44.81	43.26	38.052	37.997
			26T	0	20.99	20.68	18.741	18.554
				--	--	--	--	--
				17	20.54	20.66	18.685	18.657
	6165	43	SU	--	43.93	42.47	38.027	38.051
			26T	0	21.16	20.85	18.580	18.595
				9	21.01	20.58	19.086	18.873
				17	20.25	20.72	18.685	18.553
	6405	91	SU	--	44.11	43.52	38.030	38.050
			26T	0	20.86	21.14	18.642	18.759
				--	--	--	--	--
80MHz	5985	7	SU	--	85.00	85.06	77.697	77.656
			26T	0	20.39	20.77	18.735	18.785
				--	--	--	--	--
				36	20.59	20.40	18.648	18.622
	6145	39	SU	--	87.56	85.20	77.625	77.650
			26T	0	20.55	20.55	18.678	18.660
				17	20.38	20.29	18.660	18.435
				36	19.78	20.51	18.031	18.766
	6385	87	SU	--	96.98	84.27	77.787	77.712
			26T	0	21.18	20.82	18.615	18.775
				--	--	--	--	--
160MHz	6025	15	SU	--	164.40	164.00	156.440	156.060
			26T	0	20.77	20.81	18.955	18.792
				--	--	--	--	--
				S36	20.76	20.63	18.724	18.934
	6185	47	SU	--	164.20	163.80	156.730	156.550
			26T	0	20.86	20.75	18.944	19.085
				36	20.80	20.56	19.000	18.781
				S36	20.89	20.50	18.592	18.809
	6345	79	SU	--	168.70	163.90	156.470	156.520
			26T	0	20.86	20.73	18.820	19.241
				--	--	--	--	--
				S36	20.76	21.23	18.820	18.735



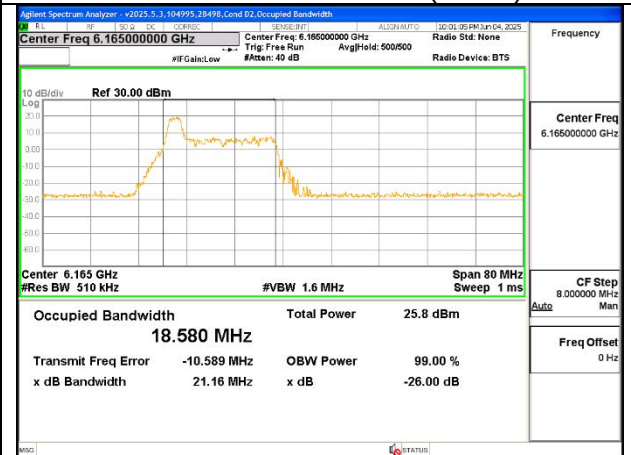
20MHz - Mid Channel – SU (U11-5) – Ant 6



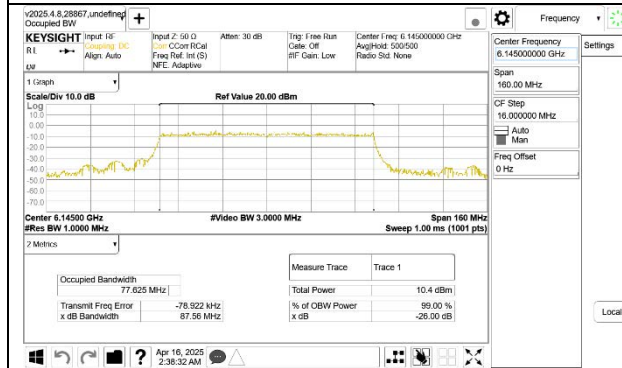
20MHz - Mid Channel – 26T-RU0 (U11-5) – Ant 6



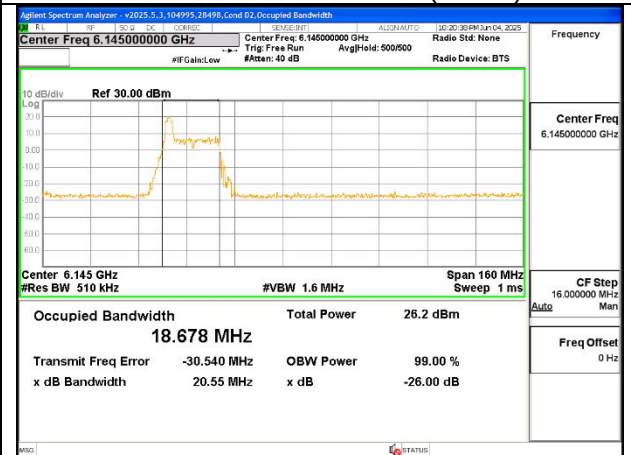
40MHz - Mid Channel – SU (U11-5) – Ant 6



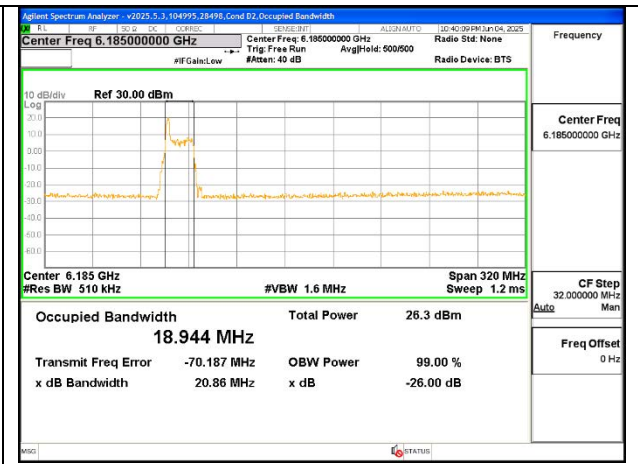
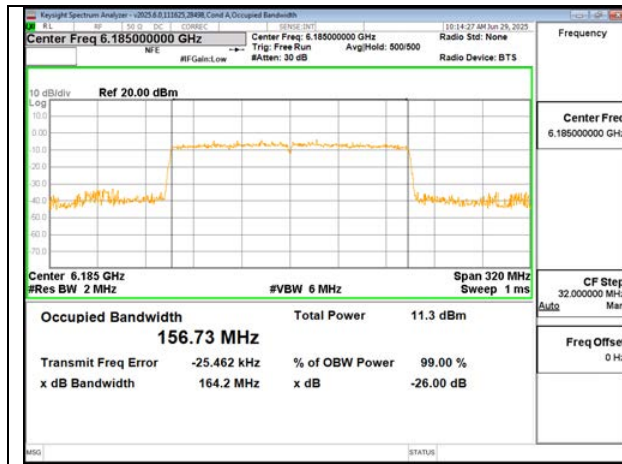
40MHz - Mid Channel – 26T-RU0 (U11-5) – Ant 6



80MHz - Mid Channel – SU (U11-5) – Ant 6



80MHz - Mid Channel – 26T-RU0 (U11-5) – 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	--	22.99	23.08	19.057	19.012
			26T	0	20.58	20.10	18.525	18.531
				--	--	--	--	--
	6175	45	8	20.49	20.15	18.533	18.388	
			SU	--	22.79	22.99	19.024	19.045
			26T	0	20.34	20.35	18.534	18.472
	4	18.20		18.18	16.893	16.692		
	6415	93	8	20.46	19.97	18.485	18.384	
			SU	--	23.16	22.91	19.011	19.055
			26T	0	20.30	20.35	18.603	18.419
				--	--	--	--	--
			8	20.56	20.20	18.412	18.498	
--			--	--	--	--		
40 MHz	5965	3	SU	--	44.06	44.16	38.034	38.015
			26T	0	20.59	20.37	18.747	18.492
				--	--	--	--	--
	6165	43	17	20.34	20.33	18.607	18.515	
			SU	--	44.20	43.39	38.044	37.978
			26T	0	20.62	20.62	18.665	18.547
	9	21.08		20.84	19.315	19.004		
	6405	91	17	20.25	20.46	18.509	18.508	
			SU	--	43.88	43.13	37.992	37.970
			26T	0	21.11	20.45	18.661	18.540
				--	--	--	--	--
			17	20.80	20.25	18.617	18.433	
--			--	--	--	--		
80MHz	5985	7	SU	--	83.93	84.75	77.505	77.479
			26T	0	21.27	20.66	18.888	18.594
				--	--	--	--	--
	6145	39	36	20.74	20.22	18.687	18.566	
			SU	--	84.72	85.24	77.626	77.480
			26T	0	21.36	20.44	18.684	18.510
	17	20.32		20.52	18.592	18.632		
	6385	87	36	20.99	20.35	18.979	18.315	
			SU	--	85.06	84.67	77.499	77.583
			26T	0	20.49	20.25	18.899	18.343
				--	--	--	--	--
			36	20.57	20.06	18.669	18.749	
--			--	--	--	--		
160MHz	6025	15	SU	--	164.60	164.10	156.570	156.380
			26T	0	20.60	20.97	18.877	18.945
				--	--	--	--	--
	6185	47	S36	20.02	20.80	18.885	18.752	
			SU	--	163.90	164.20	156.360	156.410
			26T	0	21.36	20.30	19.206	18.604
	36	20.51		20.58	18.879	18.716		
	6345	79	S36	20.54	20.76	18.650	18.742	
			SU	--	164.40	164.20	156.320	156.450
			26T	0	20.85	20.48	18.851	18.803
				--	--	--	--	--
			S36	21.06	20.79	18.831	18.898	
--			--	--	--	--		

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

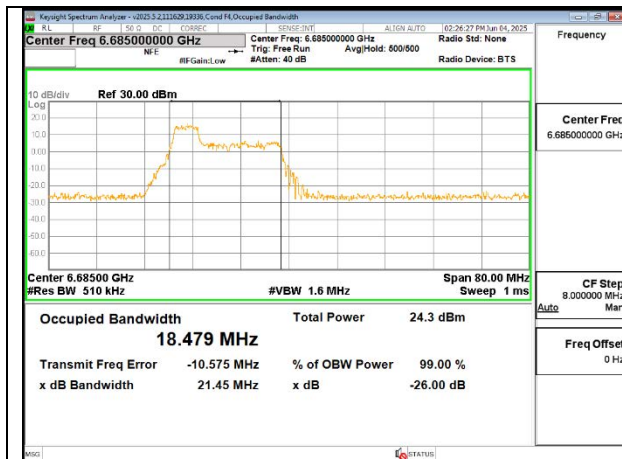
UNII-5 (MIMO SDM)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20 MHz	5955	1	SU	--	23.22	22.27	19.073	19.024
			26T	0	20.47	20.08	18.588	18.481
				8	20.53	20.49	18.430	18.433
	6175	45	SU	--	23.13	22.50	19.048	19.038
			26T	0	20.75	20.29	18.572	18.379
				4	18.38	18.09	16.818	16.654
				8	20.35	20.26	18.374	18.412
	6415	93	SU	--	22.82	21.86	19.080	18.994
			26T	0	20.83	20.54	18.647	18.551
				--	--	--	--	--
				8	20.22	20.35	18.434	18.495
40 MHz	5965	3	SU	--	44.16	43.71	38.034	38.080
			26T	0	20.52	20.52	18.635	18.556
				--	--	--	--	--
				17	20.65	20.48	18.680	18.553
	6165	43	SU	--	44.15	43.27	38.082	38.011
			26T	0	21.15	21.41	18.802	18.566
				9	21.04	21.01	19.151	18.928
				17	21.11	20.35	18.668	18.469
	6405	91	SU	--	44.25	43.74	38.093	38.013
			26T	0	20.64	20.62	18.595	18.498
				--	--	--	--	--
				17	20.29	20.61	18.616	18.653
80MHz	5985	7	SU	--	85.06	85.11	77.806	77.644
			26T	0	20.61	20.64	18.675	18.578
				--	--	--	--	--
				36	20.81	20.64	18.591	18.736
	6145	39	SU	--	85.15	84.40	77.690	77.678
			26T	0	20.40	20.57	18.543	18.525
				17	20.82	20.82	18.650	18.687
				36	20.42	20.23	18.550	18.618
	6385	87	SU	--	85.80	86.65	77.635	77.736
			26T	0	21.03	20.46	18.635	18.650
				--	--	--	--	--
				36	20.50	20.42	18.865	18.597
160MHz	6025	15	SU	--	164.30	164.50	156.950	156.790
			26T	0	20.98	21.13	18.891	18.572
				--	--	--	--	--
				S36	20.71	20.74	19.333	19.070
	6185	47	SU	--	164.80	164.70	157.020	157.040
			26T	0	20.54	20.74	18.886	18.785
				36	20.65	20.29	18.864	18.856
				S36	20.57	20.77	18.967	18.942
	6345	79	SU	--	164.80	164.60	156.980	157.160
			26T	0	21.18	21.27	19.078	18.943
				--	--	--	--	--
				S36	20.84	20.83	18.955	18.796

9.3.4 802.11be SISO MODE IN THE UNII-7 BAND

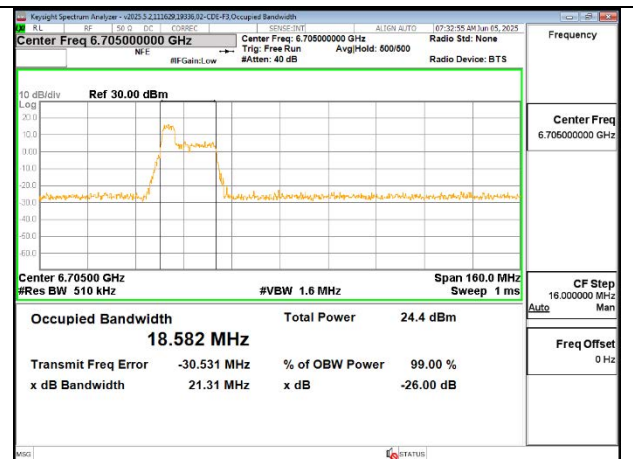
UNII-7 (SISO)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20MHz	6535	117	SU	--	22.99	23.36	19.106	19.055
			26T	0	20.49	20.29	18.359	18.686
				--	--	--	--	--
				8	20.74	20.29	18.587	18.466
	6715	153	SU	--	23.29	23.31	19.071	19.092
			26T	0	20.37	20.66	18.608	18.688
				4	18.28	18.19	16.960	16.903
				8	20.45	20.52	18.419	18.490
	6855	181	SU	--	23.37	22.59	19.044	19.071
			26T	0	20.30	20.37	18.568	18.569
				--	--	--	--	--
				8	20.28	20.34	18.449	18.491
40MHz	6565	123	SU	--	44.37	44.20	38.031	38.145
			26T	0	20.98	20.43	18.865	18.738
				--	--	--	--	--
				17	20.65	20.66	18.697	18.760
	6685	147	SU	--	43.90	44.44	38.023	38.059
			26T	0	20.25	20.79	18.357	18.688
				9	21.06	21.37	19.279	19.204
				17	20.46	21.07	18.647	18.602
	6845	179	SU	--	44.30	44.21	38.049	38.090
			26T	0	20.78	20.63	18.653	18.757
				--	--	--	--	--
				17	20.61	20.73	18.623	18.712
80MHz	6625	135	SU	--	85.19	85.75	77.709	77.682
			26T	0	20.33	20.26	18.714	18.731
				--	--	--	--	--
				36	20.08	21.03	18.439	18.822
	6705	151	SU	--	84.96	85.29	77.705	77.690
			26T	0	20.94	20.23	18.601	18.661
				17	20.36	20.41	18.530	18.583
				36	20.38	20.94	18.881	18.820
	6785	167	SU	--	85.24	84.50	77.552	77.616
			26T	0	20.14	20.82	18.526	19.087
				--	--	--	--	--
				36	20.47	21.24	18.734	18.768
160MHz	6665	143	SU	--	164.00	164.10	156.810	156.930
			26T	0	21.65	20.71	19.958	19.031
				36	20.71	20.76	19.395	19.497
				S36	20.68	20.69	19.337	19.495

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

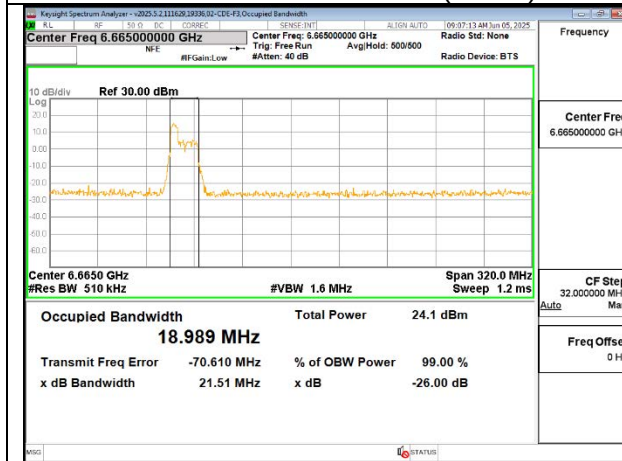
UNII-7 (MIMO CDD)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20MHz	6535	117	SU	--	22.77	22.30	19.035	18.991
			26T	0	20.43	20.58	18.582	18.538
				--	--	--	--	--
				8	20.40	20.37	18.475	18.383
	6715	153	SU	--	22.92	22.24	19.044	19.023
			26T	0	20.94	20.57	18.652	18.531
				4	18.06	18.25	16.788	16.716
				8	20.45	20.42	18.63	18.538
	6855	181	SU	--	23.15	22.39	19.046	19.025
			26T	0	20.50	20.38	18.597	18.516
				--	--	--	--	--
				8	20.53	20.29	18.520	18.54
40MHz	6565	123	SU	--	43.68	42.98	38.067	37.992
			52T	37	20.40	20.83	18.324	18.206
				--	--	--	--	--
				44	21.64	20.62	18.505	18.387
	6685	147	SU	--	44.09	43.27	37.981	38.06
			52T	37	21.45	20.75	18.479	18.193
				41	21.40	21.19	18.907	18.539
				44	20.69	20.53	18.306	18.28
	6845	179	SU	--	44.46	43.15	38.007	38.039
			52T	37	21.49	20.68	18.507	18.196
				--	--	--	--	--
				44	20.93	20.42	18.378	18.445
80MHz	6625	135	SU	--	84.14	85.02	77.654	77.674
			52T	37	20.87	21.03	18.71	18.489
				--	--	--	--	--
				52	20.64	20.53	18.525	18.459
	6705	151	SU	--	85.00	83.94	77.571	77.479
			52T	37	21.31	20.56	18.582	18.363
				45	21.88	20.86	18.646	18.625
				52	20.93	20.31	18.477	18.467
	6785	167	SU	--	85.14	84.28	77.541	77.623
			52T	37	20.69	20.38	18.687	18.458
				--	--	--	--	--
				52	21.31	20.69	18.465	18.641
160MHz	6665	143	SU	--	164.30	163.50	156.240	156.230
			52T	37	21.51	20.44	18.989	19.095
				52	20.72	20.40	19.029	19.161
				S52	21.13	20.81	19.444	19.116



40MHz - Mid Channel – 52T-RU37 (UNII-6) – Ant 6



80MHz - Mid Channel – 52T-RU37 (UNII-6) – Ant 6



160MHz - Mid Channel – 52T-RU37 (UNII-7) – Ant 6

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	--	22.69	22.57	19.027	19.058
			26T	0	20.13	20.16	18.529	18.53
				--	--	--	--	--
				8	20.58	20.36	18.549	18.434
	6715	153	SU	--	22.93	22.06	19.056	19.036
			26T	0	20.29	20.38	18.623	18.353
				4	18.30	18.11	16.83	16.747
				8	20.63	20.27	18.393	18.544
	6855	181	SU	--	22.76	22.39	19.007	19.044
			26T	0	20.61	20.39	18.65	18.484
				--	--	--	--	--
				8	20.25	20.12	18.562	18.382
40MHz	6565	123	SU	--	43.69	43.31	38.051	37.958
			52T	37	21.63	20.67	18.308	18.135
				--	--	--	--	--
				44	20.42	20.80	18.234	18.263
	6685	147	SU	--	44.35	42.27	38.023	38.008
			52T	37	21.06	20.36	18.379	18.094
				41	21.26	21.91	18.713	18.682
				44	20.48	20.39	18.242	18.261
	6845	179	SU	--	43.95	43.65	38.040	37.964
			52T	37	21.71	20.72	18.326	18.189
				--	--	--	--	--
				44	21.18	20.46	18.367	18.207
80MHz	6625	135	SU	--	84.54	84.49	77.506	77.404
			52T	37	21.44	20.64	18.402	18.406
				--	--	--	--	--
				52	20.40	20.99	18.267	18.317
	6705	151	SU	--	84.54	84.34	77.603	77.519
			52T	37	21.59	21.17	18.495	18.271
				45	21.20	21.07	18.328	18.148
				52	20.23	20.71	18.366	18.188
	6785	167	SU	--	83.98	83.88	77.462	77.553
			52T	37	20.75	21.05	18.266	18.214
				--	--	--	--	--
				52	20.93	20.52	18.488	18.166
160MHz	6665	143	SU	--	163.80	164.60	156.020	156.300
			52T	37	21.05	20.98	18.001	18.446
				52	21.39	21.10	18.186	18.325
				S52	21.34	21.41	18.574	18.028

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	106T: 300kHz/910kHz MRU106+26T: 300kHz/910kHz	MRU106+26T: 510kHz/1.6MHz	MRU106+26T: 510kHz/1.6MHz	MRU106+26T: 510kHz/1.6MHz
	SU	300kHz/910kHz	510kHz/1.6MHz	1MHz/3MHz	2MHz/6MHz

*Different RBW/VBW due to different partial tones.

RESULTS

ID:	JP 19336	Date:	2025-03-08 to 2025-08-12
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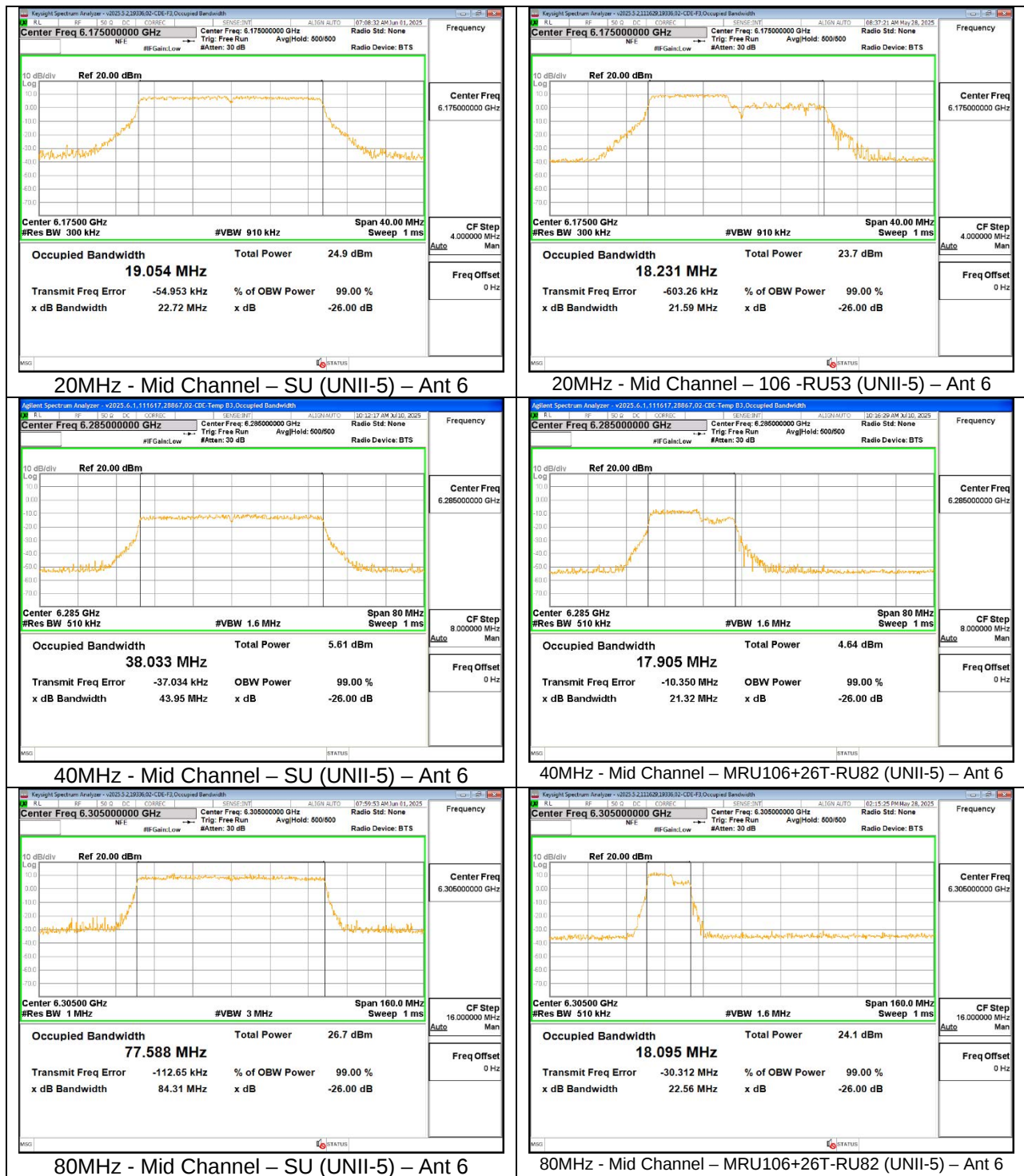
For mask and bandwidth measurements partial RU allocations are tested with the RUs allocated at the lower and upper positions within the channel for the low, mid and high channels in each band. Additionally, the mid channel is also tested with the RU allocated in the center of the channel to verify that the low / high RU allocations are worst case.

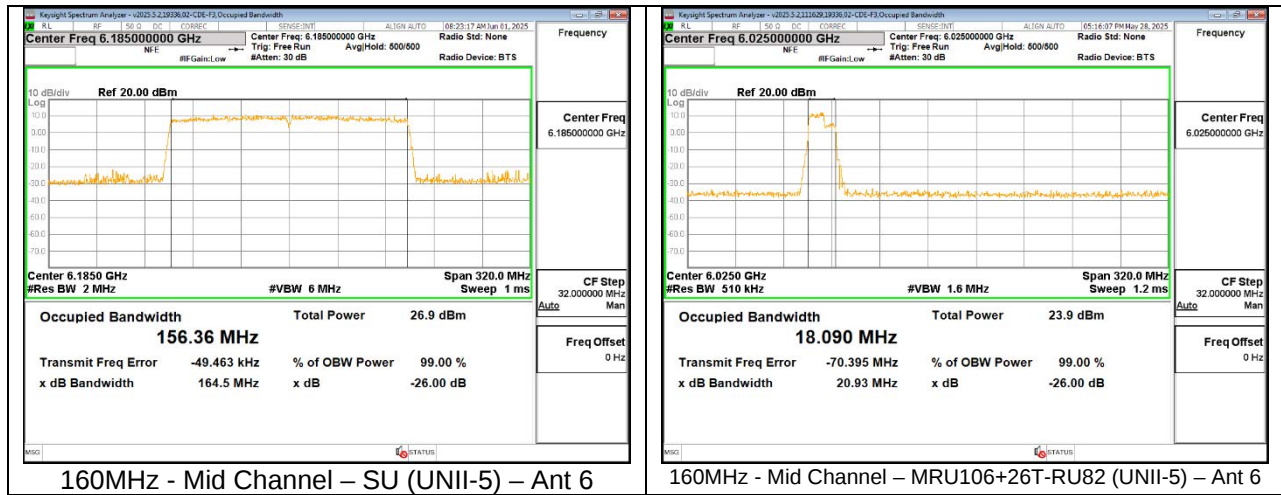
The plots in these sections are for reference settings only for different bandwidth and different antenna.

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	--	23.14	22.78	19.040	19.020
			106T	53	21.07	21.11	18.267	17.864
				54	21.10	20.94	18.182	18.153
	6175	45	SU	--	22.72	22.99	19.054	19.048
			106T	53	21.59	21.90	18.231	18.254
				54	20.90	21.12	18.210	18.179
	6415	93	SU	--	22.95	22.82	19.104	19.068
			106T	53	21.46	20.71	18.201	18.287
				54	20.96	20.88	18.146	18.161
40 MHz	6125	35	SU	--	43.72	43.95	38.720	38.052
			MRU106+26T	82	22.10	22.14	17.932	18.054
				--	--	--	--	--
	6285	67	SU	--	21.62	21.37	18.108	17.923
			MRU106+26T	85	43.95	43.41	38.033	38.014
				82	21.32	22.44	17.905	17.994
	6405	91	MRU106+26T	84	22.44	21.64	18.555	18.605
				85	21.43	22.13	17.971	17.954
			SU	--	43.73	44.11	38.012	38.058
			MRU106+26T	82	22.07	22.34	17.940	17.977
				--	--	--	--	--
				85	21.50	20.43	17.874	17.977
80MHz	6145	39	SU	--	84.56	85.08	77.588	77.630
			MRU106+26T	82	21.87	22.37	18.149	18.057
				--	--	--	--	--
	6305	71		89	20.57	21.34	17.821	17.972
			SU	--	84.31	84.85	77.588	77.695
			MRU106+26T	82	22.56	21.37	18.095	18.055
	6385	87		85	22.24	21.86	17.906	17.971
				89	22.81	21.42	18.034	17.993
			SU	--	85.00	84.26	77.489	77.537
			MRU106+26T	82	21.50	22.68	17.995	18.025
				--	--	--	--	--
				89	21.14	21.55	17.936	17.960
160MHz	6185	47	SU	--	164.50	164.30	156.360	156.290
			MRU106+26T	82	20.93	22.65	18.090	18.195
				89	20.68	21.47	18.131	18.134
				S89	21.50	20.92	18.107	17.859
	6345	79	SU	--	164.20	164.40	156.260	156.090
			MRU106+26T	82	22.45	22.36	18.177	18.322
				89	21.08	21.28	17.955	18.069
				S89	21.76	21.09	18.179	18.075





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	--	23.10	22.63	19.071	19.025
			106T	53	21.59	20.91	18.242	18.086
		45	SU	--	20.93	20.66	18.117	18.173
			106T	54	23.11	22.81	19.038	19.016
	6175	45	SU	--	21.73	20.70	18.256	18.111
			106T	54	20.71	20.50	18.178	18.055
		93	SU	--	22.70	22.49	19.048	19.003
			106T	53	21.72	20.92	17.972	18.455
	6415	93	SU	--	20.91	20.61	18.209	17.998
			106T	54	20.91	20.61	18.209	17.998
40 MHz	6125	35	SU	--	43.40	43.53	38.051	38.035
			MRU106+26T	82	22.21	21.06	17.997	17.882
				--	--	--	--	--
		67	SU	--	21.17	20.52	18.011	17.825
			MRU106+26T	85	44.33	43.53	38.022	37.960
				82	21.99	21.24	17.994	17.924
	6285	67	SU	--	22.32	21.30	18.686	18.531
			MRU106+26T	84	21.30	21.30	18.686	18.531
				85	21.23	20.49	18.002	17.941
		91	SU	--	44.91	43.09	37.989	38.020
			MRU106+26T	82	22.32	20.80	18.100	17.779
				--	--	--	--	--
	6405	91	SU	--	21.47	20.48	17.806	17.991
			MRU106+26T	85	21.47	20.48	17.806	17.991
				85	21.47	20.48	17.806	17.991
		39	SU	--	85.25	84.53	77.549	77.587
			MRU106+26T	82	21.93	21.06	17.920	18.003
				--	--	--	--	--
80MHz	6145	39	SU	--	20.90	21.08	18.137	17.894
			MRU106+26T	89	20.90	21.08	18.137	17.894
				--	--	--	--	--
		71	SU	--	84.39	85.36	77.550	77.734
			MRU106+26T	82	22.08	21.23	17.952	17.938
				85	21.81	20.66	17.999	17.976
	6305	71	SU	--	20.96	20.86	17.357	17.955
			MRU106+26T	89	20.96	20.86	17.357	17.955
				--	--	--	--	--
		87	SU	--	85.36	84.17	77.547	77.625
			MRU106+26T	82	22.56	21.19	18.062	17.802
				--	--	--	--	--
160MHz	6185	47	SU	--	20.90	20.54	18.145	18.010
			MRU106+26T	89	20.90	20.54	18.145	18.010
				--	--	--	--	--
		79	SU	--	164.20	163.80	156.570	156.240
			MRU106+26T	82	22.03	21.56	17.388	18.221
				89	21.47	20.67	17.949	17.903
	6345	79	SU	--	21.63	20.86	18.002	18.021
			MRU106+26T	S89	21.63	20.86	18.002	18.021
				--	164.50	163.60	156.310	156.330
			MRU106+26T	82	21.40	20.95	18.327	18.046
		79	SU	--	21.16	20.56	17.990	18.081
			MRU106+26T	S89	21.16	20.56	17.990	18.081
		79	SU	--	20.99	20.74	18.060	17.915
			MRU106+26T	S89	20.99	20.74	18.060	17.915

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	--	22.52	22.25	18.994	19.026
			106T	53	21.77	20.65	18.282	18.197
		45	SU	--	20.01	20.82	18.221	18.111
			106T	54	22.27	22.50	18.995	18.992
	6175	45	SU	--	21.43	21.00	18.177	18.114
			106T	53	20.75	20.23	18.218	17.951
		93	SU	--	21.84	21.44	19.032	18.971
			106T	53	21.58	20.43	18.231	18.116
40 MHz	6125	35	SU	--	20.91	20.68	20.910	18.138
			106T	54	20.91	20.68	20.910	18.138
			MRU106+26T	82	22.42	21.29	18.059	17.917
		67	SU	--	43.05	43.20	37.940	38.016
			MRU106+26T	85	22.42	21.29	18.059	17.917
			MRU106+26T	--	--	--	--	--
	6285	67	SU	--	21.23	21.01	17.931	17.937
			MRU106+26T	85	21.23	21.01	17.931	17.937
			MRU106+26T	--	--	--	--	--
		91	SU	--	44.77	43.70	38.055	38.014
			MRU106+26T	82	22.43	21.16	17.963	17.843
			MRU106+26T	84	22.58	20.90	18.516	18.532
80MHz	6145	39	SU	--	21.88	20.62	18.057	17.901
			MRU106+26T	85	21.88	20.62	18.057	17.901
			MRU106+26T	--	--	--	--	--
		71	SU	--	43.80	42.20	37.985	37.810
			MRU106+26T	82	22.23	21.43	17.977	17.834
			MRU106+26T	--	--	--	--	--
	6305	87	SU	--	85	21.42	20.57	18.016
			MRU106+26T	85	21.42	20.57	18.016	17.884
			MRU106+26T	--	--	--	--	--
		71	SU	--	84.35	84.63	77.559	77.421
			MRU106+26T	82	21.90	21.34	18.039	17.986
			MRU106+26T	--	--	--	--	--
160MHz	6185	47	SU	--	89	21.65	21.07	18.069
			MRU106+26T	89	21.65	21.07	18.069	17.859
			MRU106+26T	--	--	--	--	--
		79	SU	--	84.50	83.82	77.532	77.367
			MRU106+26T	82	22.10	20.60	18.002	17.743
			MRU106+26T	85	21.79	21.26	17.902	17.777
	6345	79	SU	--	89	21.72	21.01	18.146
			MRU106+26T	89	21.72	21.01	18.146	17.961
			MRU106+26T	--	--	--	--	--
		47	SU	--	84.00	82.90	77.618	77.418
			MRU106+26T	82	21.96	21.76	18.140	17.963
			MRU106+26T	--	--	--	--	--
160MHz	6185	47	SU	--	89	21.39	20.59	17.887
			MRU106+26T	89	21.39	20.59	17.887	18.032
			MRU106+26T	--	--	--	--	--
		79	SU	--	163.40	163.90	156.390	156.060
			MRU106+26T	82	21.43	21.53	18.184	17.902
			MRU106+26T	89	21.66	20.98	18.015	17.839
	6345	79	SU	--	S89	21.74	18.253	18.082
			MRU106+26T	--	164.10	163.60	156.280	156.240
			MRU106+26T	82	22.12	21.06	18.222	18.094
		47	SU	--	89	21.70	18.030	18.132
			MRU106+26T	89	21.70	21.12	18.030	18.132
			MRU106+26T	S89	21.25	20.81	18.010	18.078

9.4.4 802.11be SISO MODE IN THE UNII-6 BAND

UNII-6 (SISO)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20 MHz	6435	97	SU	--	22.53	22.96	19.013	19.083
			106T	53	21.49	21.96	18.209	17.990
				54	20.99	21.03	18.169	18.096
	6475	105	SU	--	22.98	23.05	19.089	19.039
			106T	53	21.81	20.83	18.242	18.259
				54	20.83	20.92	18.193	18.155
	6515	113	SU	--	22.92	22.49	18.997	19.073
			106T	53	21.66	21.37	18.099	18.204
				54	21.21	21.08	18.210	18.134
40 MHz	6445	99	SU	--	43.86	43.49	37.919	37.979
			MRU106+26T	82	21.58	21.47	17.935	17.942
				--	--	--	--	--
				85	21.57	21.19	18.010	17.959
	6485	107	SU	--	43.70	43.66	37.996	37.994
			MRU106+26T	82	21.48	22.37	18.028	17.925
				84	22.08	22.53	18.487	18.657
				85	21.79	21.95	18.113	18.146
	6525(Straddle)	115	SU	--	44.00	44.20	37.993	38.097
			MRU106+26T	82	22.46	22.54	18.116	17.979
				--	--	--	--	--
				85	21.10	21.04	17.942	18.063
80MHz	6465	103	SU	--	82.16	82.54	77.383	77.406
			MRU106+26T	82	21.67	21.70	18.129	18.007
				85	21.49	21.11	17.926	18.022
				89	21.95	20.80	18.096	17.958
160MHz	6505(Straddle)	111	SU	--	163.90	164.70	156.410	156.700
			MRU106+26T	82	22.11	21.80	18.119	18.166
				89	21.20	20.79	18.210	18.199
				S89	21.88	21.63	18.060	18.132

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

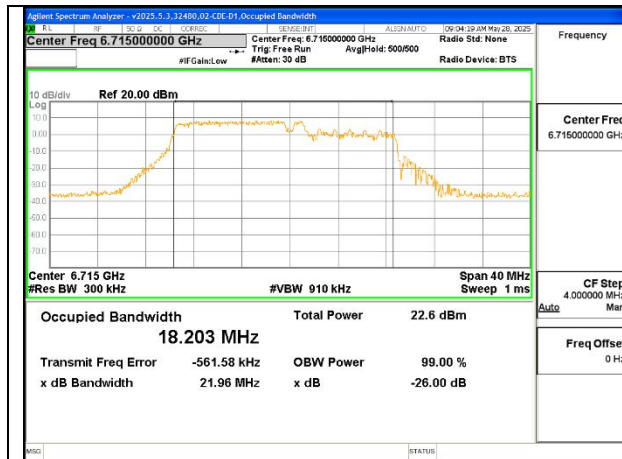
UNII-6 (MIMO CDD)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20 MHz	6435	97	SU	--	23.01	22.37	19.042	19.040
			106T	53	21.65	20.51	18.219	18.145
				54	20.88	20.54	18.132	18.131
	6475	105	SU	--	22.98	22.78	19.039	19.017
			106T	53	21.68	20.73	18.245	18.162
				54	20.90	20.68	18.185	17.966
	6515	113	SU	--	22.80	22.69	19.054	19.015
			106T	53	21.49	20.70	18.278	18.136
				54	21.03	20.65	18.191	18.037
40 MHz	6445	99	SU	--	43.49	43.12	37.896	37.896
			MRU106+26	82	21.84	21.00	17.958	17.821
				--	--	--	--	--
				85	20.89	20.52	17.959	17.963
	6485	107	SU	--	44.43	43.26	38.003	38.020
			MRU106+26	82	22.04	21.42	18.009	17.900
				84	21.52	22.02	18.587	18.468
				85	20.78	20.73	18.027	17.845
	6525 (Straddle)	115	SU	--	43.24	43.48	38.044	38.015
			MRU106+26	82	21.31	21.96	17.900	17.843
				--	--	--	--	--
				85	21.42	20.46	18.065	17.919
80MHz	6465	103	SU	--	82.62	82.45	77.454	77.561
			MRU106+26	82	21.73	21.35	18.064	18.017
				85	21.44	20.61	17.985	17.994
				89	20.71	20.69	17.991	17.993
160MHz	6505 (Straddle)	111	SU	--	164.50	163.90	156.380	156.540
			MRU106+26	82	22.76	20.99	18.173	17.954
				89	21.56	21.03	18.019	18.144
				S89	21.46	20.93	18.234	18.308

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 5
20 MHz	6435	97	SU	--	23.05	22.10	19.059	19.030
			106T	53	21.55	20.93	18.149	18.145
				54	21.07	20.64	18.199	18.024
	6475	105	SU	--	23.16	22.28	19.050	19.009
			106T	53	21.45	20.95	18.251	18.153
				54	20.75	20.44	18.113	18.166
	6515	113	SU	--	23.02	22.24	19.039	18.988
			106T	53	21.92	20.82	18.183	18.158
				54	20.96	20.45	18.227	18.043
40 MHz	6445	99	SU	--	43.81	43.63	38.083	37.992
			MRU106+26T	82	21.94	21.33	18.006	17.820
				--	--	--	--	--
				85	20.94	20.32	17.888	17.823
	6485	107	SU	--	44.13	43.64	38.008	38.024
			MRU106+26T	82	20.07	21.32	18.040	17.939
				84	22.43	21.81	18.618	18.434
				85	21.49	20.62	17.970	17.768
	6525 (Straddle)	115	SU	--	44.15	43.05	38.064	38.019
			MRU106+26T	82	22.20	21.55	17.976	17.872
				--	--	--	--	--
				85	21.39	20.90	17.855	18.004
80MHz	6465	103	SU	--	82.53	81.86	77.617	77.501
			MRU106+26T	82	21.30	21.45	18.068	17.949
				85	21.57	20.99	18.124	17.959
				89	21.23	21.18	17.986	18.007
	6505 (Straddle)	111	SU	--	165.30	164.50	157.250	157.060
			MRU106+26T	82	21.63	20.77	18.389	18.132
				89	21.57	20.48	18.288	18.064
				S89	20.57	20.70	18.246	18.092

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	--	23.05	22.54	19.014	19.022
			MRU106+26T	82	21.58	21.53	18.206	18.152
				83	21.13	20.82	18.131	17.969
	6715	153	SU	--	22.46	22.93	19.039	19.048
			MRU106+26T	82	21.96	21.57	18.203	18.184
				83	20.80	21.33	18.134	18.109
	6855	181	SU	--	22.97	23.19	19.022	19.042
			MRU106+26T	82	21.74	21.18	18.133	18.229
				83	21.00	21.04	18.003	18.146
40MHz	6565	123	SU	--	44.90	44.29	38.072	38.052
			MRU106+26T	82	21.66	22.11	17.938	18.046
				--	--	--	--	--
				85	22.03	22.17	18.053	18.594
	6685	147	SU	--	44.21	43.34	38.009	38.047
			MRU106+26T	82	22.18	22.08	17.995	17.94
				84	22.89	22.02	18.603	18.529
				85	21.13	21.55	17.97	18.06
	6845	179	SU	--	43.61	44.32	38.058	38.048
			MRU106+26T	82	22.42	22.19	17.876	17.881
				--	--	--	--	--
				85	21.43	21.93	17.927	18.01
80MHz	6545 (Straddle)	119	SU	--	84.98	84.86	77.624	77.561
			MRU106+26T	82	21.87	21.87	18.047	18.106
				--	--	--	--	--
				89	21.08	21.63	17.962	18.101
	6705	151	SU	--	85.01	84.71	77.649	77.537
			MRU106+26T	82	22.05	22.06	17.99	18.177
				86	21.82	22.21	17.999	18.209
				89	21.21	21.56	17.921	18.087
	6785	167	SU	--	85.38	85.11	77.645	77.592
			MRU106+26T	82	21.70	22.27	18.126	17.994
				--	--	--	--	--
				89	21.66	21.80	18.116	17.922
	6865 (Straddle)	183	SU	--	82.39	82.35	77.627	77.557
			MRU106+26T	82	22.16	21.56	18.085	17.959
				--	--	--	--	--
				89	21.36	20.51	18.061	17.972
160MHz	6665	143	SU	--	164.30	164.60	156.37	156.28
			MRU106+26T	82	22.64	21.31	18.203	18.297
				89	21.25	21.01	18.005	17.775
				S89	21.80	21.81	17.918	18.055
	6825 (Straddle)	175	SU	--	164.50	164.00	156.61	156.68
			MRU106+26T	82	22.35	22.57	18.186	18.104
				89	20.73	20.85	17.737	18.078
				S89	21.30	20.97	18.216	18.119



20MHz - Mid Channel – MRU106+26T-RU82
(UNII-5) – Ant 6

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

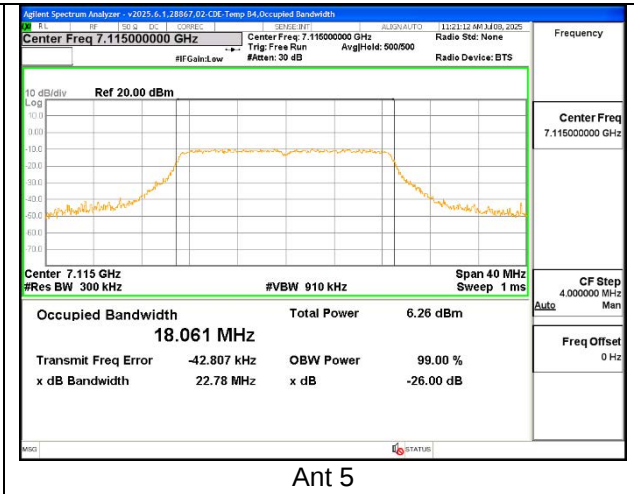
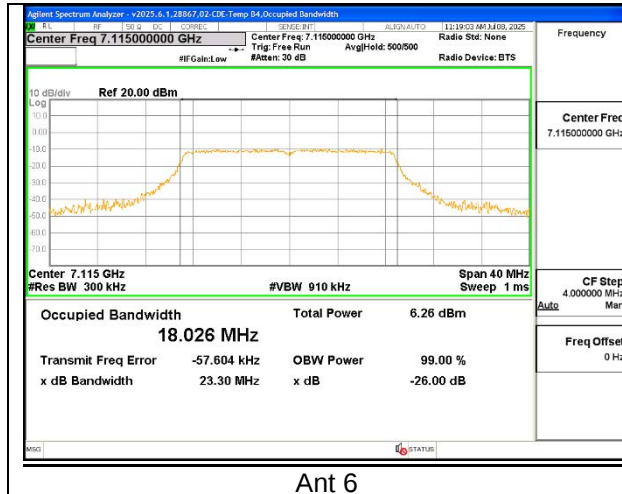
UNII-7 (MIMO CDD)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20MHz	6535	117	SU	--	22.94	22.66	19.055	18.987
			MRU106+26T	82	21.64	21.02	18.198	18.106
				83	20.81	20.74	18.072	18.14
	6715	153	SU	--	22.82	23.05	19.021	18.080
			MRU106+26T	82	21.47	20.91	18.166	18.137
				83	20.82	20.22	18.048	17.979
	6855	181	SU	--	22.56	22.81	19.031	19.018
			MRU106+26T	82	21.68	20.91	18.184	18.123
				83	21.34	20.76	18.153	17.772
40MHz	6565	123	SU	--	43.59	44.09	38.024	38.015
			MRU106+26T	82	22.23	21.33	18.033	18.004
				--	--	--	--	--
				85	21.72	20.86	17.977	17.957
	6685	147	SU	--	43.75	43.49	38.027	38.02
			MRU106+26T	82	22.61	20.98	18.029	17.844
				84	21.88	21.74	18.425	18.451
				85	21.86	20.80	17.959	17.963
	6845	179	SU	--	44.77	43.97	38.060	38.006
			MRU106+26T	82	22.11	21.08	17.971	17.844
				--	--	--	--	--
				85	21.62	20.66	17.909	17.958
80MHz	6545 (Straddle)	119	SU	--	85.18	84.10	77.649	77.581
			MRU106+26T	82	22.61	21.14	18.174	17.374
				--	--	--	--	--
				89	21.11	20.52	17.949	17.950
	6705	151	SU	--	85.19	84.99	77.615	77.563
			MRU106+26T	82	22.48	21.14	18.141	17.970
				86	22.56	21.07	17.924	17.863
				89	21.58	20.65	17.990	17.820
	6785	167	SU	--	85.18	84.53	77.623	77.524
			MRU106+26T	82	21.26	21.43	18.069	17.998
				--	--	--	--	--
				89	21.27	20.64	18.041	20.64
	6865 (Straddle)	183	SU	--	81.79	82.01	77.600	77.508
			MRU106+26T	82	21.15	20.26	18.042	17.925
				--	--	--	--	--
				89	21.22	21.41	18.072	18.039
160MHz	6665	143	SU	--	164.70	164.20	156.230	156.340
			MRU106+26T	82	21.96	21.50	18.255	18.135
				89	21.98	20.45	18.189	18.047
				S89	20.69	20.94	18.256	18.184
	6825 (Straddle)	175	SU	--	165.00	163.80	156.440	156.520
			MRU106+26T	37	21.23	21.33	18.105	18.149
				52	21.45	21.10	18.166	17.862
				S52	21.33	20.94	18.174	18.055

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	--	22.56	22.14	19.038	19.016
			MRU106+26T	82	21.58	20.76	18.187	18.087
				83	20.74	20.42	18.153	18.024
	6715	153	SU	--	23.14	22.26	19.087	19.035
			MRU106+26T	82	21.78	21.19	18.149	18.053
				83	21.38	20.55	18.160	18.002
	6855	181	SU	--	23.10	22.44	19.003	19.014
			MRU106+26T	82	21.80	20.65	18.242	18.106
				83	21.04	20.43	18.154	18.086
40MHz	6565	123	SU	--	44.28	43.60	38.076	37.958
			MRU106+26T	82	22.37	20.75	18.034	17.837
				--	--	--	--	--
				85	22.39	21.59	18.530	18.442
	6685	147	SU	--	43.73	43.99	38.006	37.954
			MRU106+26T	82	22.41	21.03	17.992	17.692
				84	21.89	21.56	18.599	18.373
				85	21.05	21.10	17.948	17.949
	6845	179	SU	--	44.29	43.16	38.034	37.941
			MRU106+26T	82	21.91	21.08	17.941	17.910
				--	--	--	--	--
				85	21.32	20.61	18.070	17.935
80MHz	6545 (Straddle)	119	SU	--	81.92	82.10	77.527	77.514
			MRU106+26T	82	21.95	21.10	18.067	17.834
				--	--	--	--	--
				89	21.33	20.83	17.867	17.976
	6705	151	SU	--	84.17	83.81	77.642	77.573
			MRU106+26T	82	20.03	21.23	18.284	18.082
				86	21.23	21.00	18.179	18.119
				89	20.37	20.77	17.584	18.124
	6785	167	SU	--	84.87	84.52	77.579	77.64
			MRU106+26T	82	22.71	20.86	18.295	18.174
				--	--	--	--	--
				89	20.83	20.56	17.524	18.07
	6865	183	SU	--	82.15	82.32	77.489	77.545
			MRU106+26T	82	22.58	20.99	17.881	17.983
				--	--	--	--	--
				89	21.38	20.58	18.04	17.912
160MHz	6665	143	SU	--	167.20	164.70	156.62	156.66
			MRU106+26T	82	21.42	21.74	18.04	18.13
				89	21.39	20.88	17.972	18.131
				S89	21.28	20.67	18.171	17.962
	6825 (Straddle)	175	SU	--	165.00	164.90	156.83	156.43
			MRU106+26T	82	22.08	20.73	18.166	18.014
				89	21.73	21.21	18.261	18.096
				S89	21.79	20.78	18.268	18.098

9.4.10 802.11a 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	7115	223	--	--	23.30	22.78	18.026	18.061



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	--	22.84	23.13	19.04	19.088
			MRU106+26T	82	21.58	21.77	18.213	18.164
				83	20.85	21.09	18.136	18.105
	6995	209	SU	--	22.84	23.00	19.027	19.057
			MRU106+26T	82	21.76	21.94	18.158	18.169
				83	20.87	21.42	18.152	18.173
	7095	229	SU	--	22.94	22.84	19.051	19.054
			MRU106+26T	82	21.94	21.70	18.205	18.17
				83	21.34	21.00	18.109	18.153
40MHz	6885 (Straddle)	187	SU	--	44.12	43.41	37.964	37.961
			MRU106+26T	82	21.93	21.91	17.995	18.062
				--	--	--	--	--
				85	21.15	21.39	18.006	18.028
	6965	203	SU	--	43.54	44.26	37.989	38.017
			MRU106+26T	82	22.22	21.85	17.915	18.007
				84	22.51	22.64	18.679	18.562
				85	21.21	20.90	17.962	17.842
	7085	227	SU	--	44.50	43.91	38.042	37.965
			MRU106+26T	82	21.84	22.24	17.942	18.088
				--	--	--	--	--
				85	20.91	21.58	18.021	18.036
80MHz	6945	199	SU	--	81.91	82.00	77.483	77.481
			MRU106+26T	82	21.33	22.43	18.133	18.032
				85	21.11	20.98	17.915	17.553
				89	20.87	21.73	17.854	18.273
	7025	215	SU	--	82.18	82.15	77.51	77.427
			MRU106+26T	82	22.34	22.14	18.032	18.047
				85	21.34	21.32	17.984	18.08
				89	21.64	21.83	18.121	18.109
160MHz	6985	207	SU	--	166.00	166.00	156.76	156.73
			MRU106+26T	82	21.55	22.41	18.089	18.149
				89	21.23	21.24	18.081	18.015
				S89	21.72	21.28	18.032	18.419

9.4.12 802.11a MIMO MODE IN THE UNII-8 BAND

UNII-8 (MIMO)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20MHz	7115	233	--	--	22.53	21.98	18.02	17.818

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	--	22.73	21.97	19.025	19.027
			MRU106+26T	82	21.71	20.56	18.255	18.046
				83	21.03	20.58	18.142	18.064
	6995	209	SU	--	23.15	22.33	19.091	19.062
			MRU106+26T	82	21.47	20.75	18.162	17.957
				83	20.88	20.59	18.214	18.106
	7095	229	SU	--	22.95	22.37	19.056	19.032
			MRU106+26T	82	21.72	20.68	18.170	17.946
				83	21.36	20.23	18.059	18.090
40MHz	6885 (Straddle)	187	SU	--	44.10	43.14	37.993	38.022
			MRU106+26T	82	22.07	21.52	17.978	17.840
				--	--	--	--	--
				85	21.58	20.71	18.046	17.918
	6965	203	SU	--	43.69	43.03	38.033	37.962
			MRU106+26T	82	22.29	20.93	17.922	17.904
				84	22.72	21.52	18.660	18.476
				85	20.88	20.57	17.752	18.011
	7085	227	SU	--	43.76	43.58	38.038	37.991
			MRU106+26T	82	21.79	20.92	17.798	17.933
				--	--	--	--	--
				85	21.48	20.70	18.053	17.920
80MHz	6945	199	SU	--	82.49	82.31	77.451	77.678
			MRU106+26T	82	20.82	21.12	17.977	17.822
				85	21.27	21.26	18.215	17.560
				89	20.84	20.39	17.828	18.042
	7025	215	SU	--	82.27	82.18	77.486	77.566
			MRU106+26T	82	22.55	21.23	17.962	17.933
				85	21.10	20.75	18.046	18.020
				89	20.75	21.64	17.945	18.005
160MHz	6985	207	SU	--	165.10	164.40	156.600	156.610
			MRU106+26T	82	22.35	21.08	18.375	18.020
				89	21.08	20.98	18.105	18.123
				589	20.96	20.66	17.838	18.015

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	--	22.72	22.09	19.047	19.041
			MRU106+26T	82	21.75	20.91	18.209	18.146
				83	20.51	20.39	18.076	18.141
	6995	209	SU	--	22.94	22.52	19.051	19.056
			MRU106+26T	82	21.81	20.62	18.205	18.112
				83	21.08	20.67	18.194	18.113
	7095	229	SU	--	22.84	22.67	19.054	19.033
			MRU106+26T	82	22.65	20.41	18.206	18.102
				83	21.14	20.52	18.173	18.128
40MHz	6885(Straddle)	187	SU	--	43.67	43.43	38.062	38.017
			MRU106+26T	82	21.96	21.01	18.017	17.905
				--	--	--	--	--
				85	21.56	20.91	18.068	17.992
	6965	203	SU	--	44.55	43.66	38.053	37.983
			MRU106+26T	82	21.62	21.36	17.985	17.969
				84	22.46	21.58	18.678	18.479
				85	20.82	20.86	17.718	17.746
	7085	227	SU	--	44.02	43.30	38.040	38.114
			MRU106+26T	82	23.21	21.09	18.045	17.846
				--	--	--	--	--
				85	21.37	20.70	17.968	17.970
80MHz	6945	199	SU	--	82.11	81.86	77.796	77.662
			MRU106+26T	82	21.85	21.56	17.589	18.094
				85	21.23	21.43	17.430	18.154
				89	21.19	20.85	18.252	18.076
	7025	215	SU	--	82.69	82.58	77.734	77.655
			MRU106+26T	82	21.67	21.60	17.884	18.057
				85	21.54	20.44	17.991	17.710
				89	21.60	20.67	18.183	18.263
160MHz	6985	207	SU	--	164.60	164.40	156.760	156.560
			MRU106+26T	82	22.29	21.89	18.896	19.072
				89	21.82	20.79	18.410	18.303
				S89	21.50	20.71	18.432	18.370

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), because the gated power measurement is used the calculation of EIRP power does not include any corrections for duty 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 bandwidth and different antenna.

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)	2.00	-5.40	-0.28	2.08
	Sub-band 2 (6115 - 6255)	2.80	-6.00	0.33	2.48
	Sub-band 3 (6275 - 6415)	2.20	-7.10	-0.33	1.75
6425 - 6525 UNII-6	6435	1.60	-7.50	-0.91	1.20
UNII-6/7 (Straddle Channel)	N/A	2.10	-7.40	-0.45	1.60
6525 - 6875 UNII-7	6855	2.10	-7.40	-0.45	1.60
UNII-7/8 (Straddle Channel)	N/A	2.40	-5.70	0.02	2.27
6875 - 7125 UNII-8	7115, 7035	2.40	-5.70	0.02	2.27

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:

Ant6=2, Ant5=-5.40

Uncorrelated Antenna gain= $10 \log[(10^{(2/10)} + 10^{(-5.40/10)})/2] = -0.28 \text{ dBi}$

Correlated Antenna gain= $10 \log[(10^{(2/20)} + 10^{(-5.4/20)})^2/2] = 2.08 \text{ dBi}$

EIRP Calculation:**1Tx**

EIRP corr'd power = Ant6 + Antenna Gain

Sample Calculation at UNII-5 Band LP:

Ant6(low channel SU) Power=6.66dBm

EIRP corr'd power = 6.66 + 2.0 = 8.66 dBm

2Tx

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

Sample Calculation at UNII-5 Band LP CDD:

Ant6(low channel SU) Power=3.39 dBm, Ant5 Power=3.35

EIRP corr'd power = $10 \cdot \log(10^{(3.39/10)} + 10^{(3.35/10)})$ + (-0.28) = 6.10 dBm

EIRP PSD Calculation:**1Tx**

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

Sample Calculation at UNII-5 Band LP:

Ant6(low channel SU) PSD= -4.278 dBm/1MHz

EIRP corr'd PSD = 0 + (-4.278) + (2) = -2.278 dBm/1MHz

2Tx (CDD)

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

Sample Calculation at UNII-5 Band LP CDD:

Ant6(low channel SU) PSD=-7.952dBm/1MHz, Ant5 PSD=-7.968 dBm/1MHz

EIRP corr'd PSD = $(10 \cdot \log(10^{((0 + (-7.952))/10)} + 10^{((0 + (-7.968))/10)}))$ + (2.08)
= -2.870 dBm/1MHz

2Tx (SDM)

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

Sample Calculation at UNII-5 Band LP:

Ant6(low channel SU) PSD=-5.917 dBm/1MHz, Ant5 PSD=-5.810 dBm/1MHz

EIRP corr'd PSD = $(10 \cdot \log(10^{((0 + (-5.917))/10)} + 10^{((0 + (-5.810))/10)}))$ + (-0.28)
= -3.133 dBm/1MHz

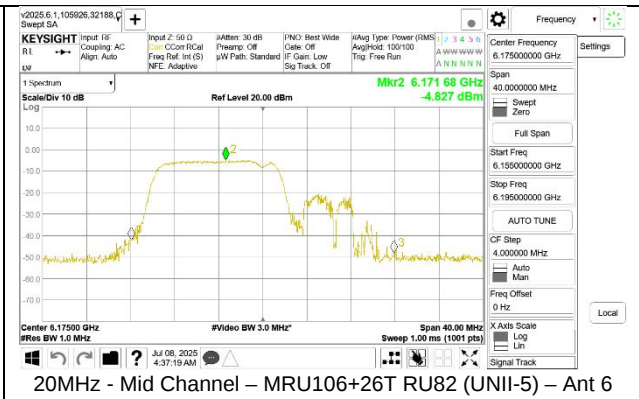
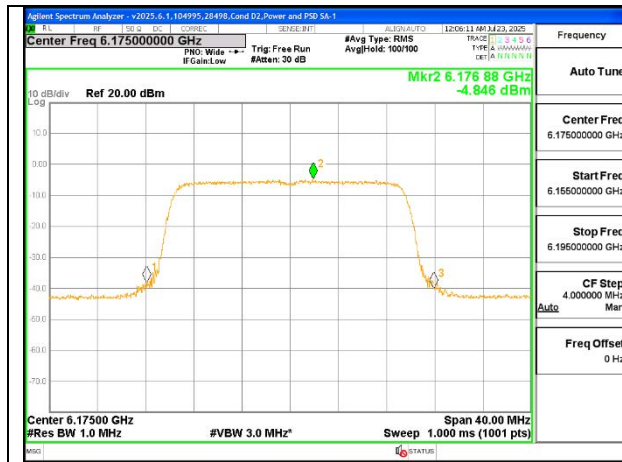
9.5.1 802.11be SISO MODE IN THE UNII-5 BAND – LOW POWER

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		
20MHz	0	0	2.00	-5.40	5955	1	SU	--	6.66	13.77	8.66	8.37	-4.278	2.529	-2.278	-2.871
							MRU	82	3.48	10.59	5.48	5.19	-4.969	1.798	-2.969	-3.602
							106+26T	83	3.45	10.55	5.45	5.15	-5.404	1.948	-3.404	-3.452
			2.80	-6.00	6175	45	SU	--	6.41	15.01	9.21	9.01	-4.846	3.677	-2.046	-2.323
							MRU	82	3.97	12.62	6.77	6.62	-4.827	3.645	-2.027	-2.355
							106+26T	83	3.98	12.75	6.78	6.75	-4.937	3.821	-2.137	-2.179
			2.20	-7.10	6415	93	SU	--	7.21	16.55	9.41	9.45	-3.766	5.205	-1.566	-1.895
							MRU	82	4.65	13.88	6.85	6.78	-3.982	4.768	-1.782	-2.332
							106+26T	83	4.68	13.87	6.88	6.77	-3.860	5.192	-1.660	-1.908
40MHz	0	0.11	2.00	-5.40	5965	3	SU	--	9.35	16.66	11.35	11.26	-4.817	2.578	-2.817	-2.822
							106T	53	2.51	9.82	4.51	4.42	-5.920	1.674	-3.810	-3.616
								54	2.55	9.88	4.55	4.48	-5.727	2.082	-3.617	-3.208
			56	2.54	9.87	4.54		4.47	-6.206	1.788	-4.096	-3.502				
			2.80	-6.00	6165	43	SU	--	9.38	18.29	12.18	12.29	-4.217	3.690	-1.417	-2.310
							106T	53	2.89	11.84	5.69	5.84	-5.129	3.843	-2.219	-2.047
								54	2.91	11.77	5.71	5.77	-4.894	3.763	-1.984	-2.127
			56	2.80	11.88	5.60		5.88	-4.987	3.765	-2.077	-2.125				
			2.20	-7.10	6405	91	SU	--	10.17	19.44	12.37	12.34	-3.367	5.844	-1.167	-1.256
							106T	53	3.83	13.26	6.03	6.16	-3.776	5.036	-1.466	-1.954
								54	3.87	13.29	6.07	6.19	-4.014	5.072	-1.704	-1.918
			56	3.88	13.21	6.08		6.11	-3.800	5.030	-1.490	-1.960				
80MHz	0	0	2.00	-5.40	5985	7	SU	--	12.35	19.43	14.35	14.03	-4.517	1.994	-2.517	-3.406
							MRU 106+26T	82	3.27	10.58	5.27	5.18	-5.444	1.469	-3.444	-3.931
								85	3.18	10.52	5.18	5.12	-5.700	1.354	-3.700	-4.046
			89	3.28	10.55	5.28		5.15	-5.377	1.409	-3.377	-3.991				
			2.80	-6.00	6145	39	SU	--	12.34	19.41	15.14	13.41	-4.388	1.717	-1.588	-4.283
							MRU 106+26T	82	3.99	12.74	6.79	6.74	-4.606	3.674	-1.806	-2.326
								85	3.99	12.78	6.79	6.78	-4.699	3.685	-1.899	-2.315
			89	3.97	12.74	6.77		6.74	-4.722	3.630	-1.922	-2.370				
			2.20	-7.10	6385	87	SU	--	12.94	19.44	15.14	12.34	-4.058	2.102	-1.858	-4.998
MRU 106+26T	82	4.66					13.78	6.86	6.68	-3.596	4.653	-1.396	-2.447			
	85	4.61					13.75	6.81	6.65	-3.721	4.516	-1.521	-2.584			
	89	4.63	13.77	6.83	6.67	-3.907	4.549	-1.707	-2.551							
160MHz	0	0	2.00	-5.40	6025	15	SU	--	15.79	18.89	17.79	13.49	-4.422	1.667	-2.422	-3.733
							MRU 106+26T	82	3.41	10.71	5.41	5.31	-6.034	1.331	-4.034	-4.069
								89	3.46	10.57	5.46	5.17	-5.662	1.425	-3.662	-3.975
			S89	3.36	10.68	5.36		5.28	-5.718	2.217	-3.718	-3.183				
			2.80	-6.00	6185	47	SU	--	15.37	18.94	18.17	12.94	-4.857	1.145	-2.057	-4.855
							MRU 106+26T	82	3.85	12.77	6.65	6.77	-5.311	3.537	-2.511	-2.463
								89	3.95	12.71	6.75	6.71	-5.403	3.392	-2.603	-2.608
			S89	3.98	12.75	6.78		6.75	-5.158	3.699	-2.358	-2.301				
			2.20	-7.10	6345	79	SU	--	15.87	18.91	18.07	11.81	-3.223	1.740	-1.023	-5.360
							MRU 106+26T	82	4.63	13.74	6.83	6.64	-5.096	4.595	-2.896	-2.505
								89	4.67	13.78	6.87	6.68	-4.768	5.088	-2.568	-2.012
			S89	4.66	13.77	6.86		6.67	-4.592	4.524	-2.392	-2.576				

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)



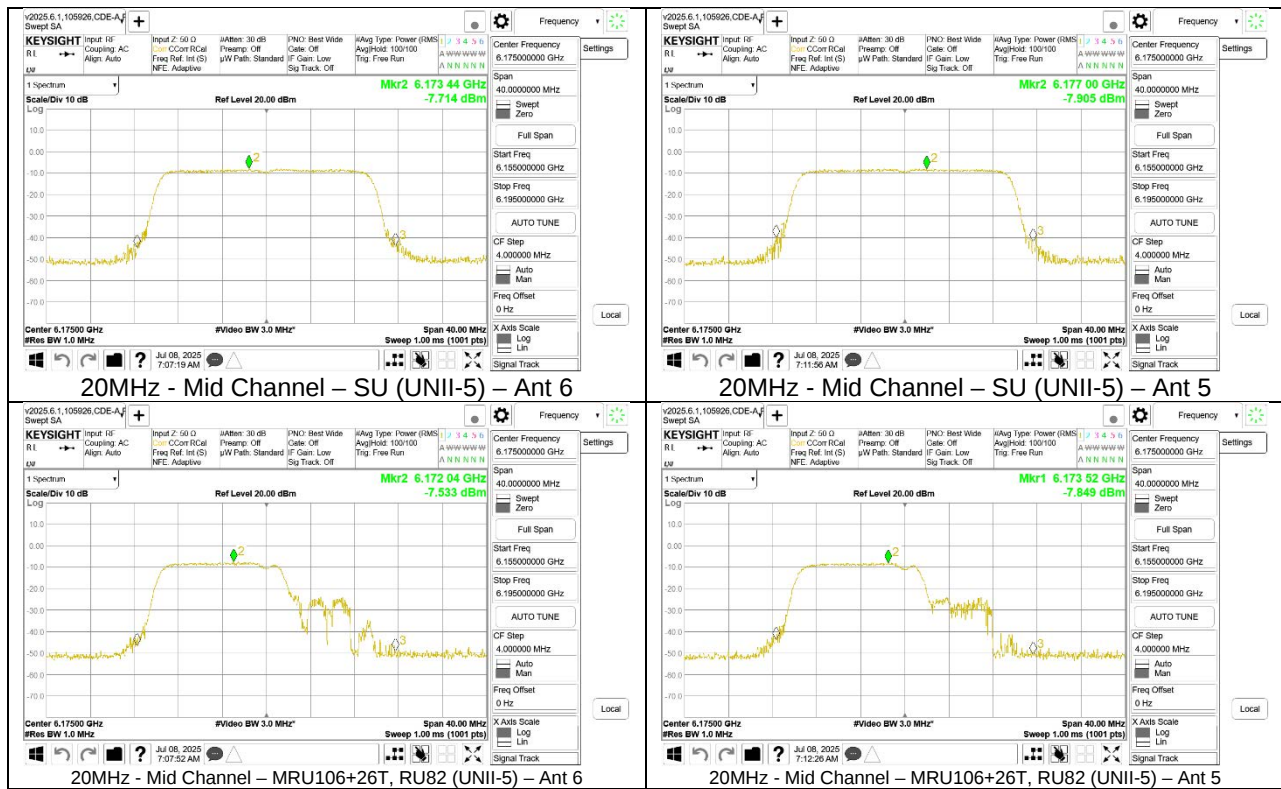
9.5.2 802.11be MIMO CDD MODE IN THE UNII-5 BAND – LOW POWER

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	-0.28	2.08	5955	1	SU	--	3.39	3.35	6.10	-7.952	-7.968	-2.870
							MRU	82	0.11	0.13	2.85	-8.878	-8.548	-3.620
							106+26T	83	0.19	0.06	2.86	-8.721	-8.817	-3.678
			0.33	2.48	6175	45	SU	--	3.65	3.79	7.06	-7.714	-7.905	-2.318
							MRU	82	1.25	1.29	4.61	-7.533	-7.849	-2.198
							106+26T	83	1.19	1.22	4.55	-7.512	-7.773	-2.150
			-0.33	1.75	6415	93	SU	--	4.66	4.61	7.32	-6.839	-6.695	-2.006
							MRU	82	2.01	2.09	4.73	-7.072	-6.908	-2.229
							106+26T	83	2.05	2.07	4.74	-6.867	-6.680	-2.012
40MHz	0	0.11	-0.28	2.08	5965	3	SU	--	6.22	6.28	8.98	-7.719	-8.232	-2.878
							106T	53	-0.54	-0.53	2.20	-8.229	-8.421	-3.124
							106T	54	-0.58	-0.61	2.14	-8.122	-8.224	-2.972
			0.33	2.48	6165	43	SU	--	6.62	6.58	9.94	-7.720	-8.246	-2.485
							106T	53	0.14	0.21	3.52	-7.488	-7.813	-2.047
							106T	54	0.22	0.29	3.60	-7.403	-7.949	-2.067
			-0.33	1.75	6405	91	SU	--	7.66	7.68	10.35	-6.371	-6.907	-2.086
							106T	53	1.27	1.28	3.96	-6.840	-6.912	-2.006
							106T	54	1.22	1.25	3.92	-6.650	-6.877	-1.892
							106T	56	1.21	1.27	3.92	-6.460	-6.462	-1.591
							SU	--	9.14	9.16	11.88	-8.109	-8.217	-3.072
							MRU	82	0.18	0.17	2.91	-9.011	-9.112	-3.971
80MHz	0	0	-0.28	2.08	5985	7	MRU	85	0.09	0.14	2.85	-8.980	-9.194	-3.995
							106+26T	89	0.18	0.11	2.88	-8.516	-9.294	-3.797
			0.33	2.48	6145	39	SU	--	9.64	9.63	12.98	-7.409	-7.907	-2.161
							MRU	82	1.22	1.28	4.59	-7.857	-8.210	-2.540
							106+26T	85	1.28	1.19	4.58	-7.744	-8.149	-2.451
			-0.33	1.75	6385	87	106+26T	89	1.24	1.23	4.58	-7.597	-8.124	-2.362
							SU	--	10.35	10.29	13.00	-6.632	-7.045	-2.073
							MRU	82	1.99	1.93	4.64	-6.325	-7.211	-1.985
							106+26T	85	1.89	1.88	4.57	-6.484	-7.431	-2.171
							106+26T	89	1.93	1.93	4.61	-6.339	-7.296	-2.031
							SU	--	12.44	12.48	15.19	-7.662	-7.871	-2.675
							MRU	82	0.36	0.35	3.09	-9.814	-9.305	-4.462
160MHz	0	0	-0.28	2.08	6025	15	MRU	89	0.29	0.36	3.06	-8.841	-9.520	-4.077
							106+26T	S89	0.29	0.39	3.07	-8.164	-9.032	-3.486
			0.33	2.48	6185	47	SU	--	12.41	12.46	15.78	-8.048	-8.039	-2.553
							MRU	82	1.27	1.26	4.61	-7.774	-8.560	-2.659
							106+26T	89	1.12	1.29	4.55	-8.227	-8.649	-2.943
			-0.33	1.75	6345	79	106+26T	S89	1.25	1.21	4.57	-7.939	-8.197	-2.576
							SU	--	13.28	13.31	15.98	-7.118	-7.522	-2.555
							MRU	82	2.17	2.14	4.84	-7.014	-7.419	-2.451
							106+26T	89	2.09	2.17	4.81	-7.352	-7.600	-2.714
							106+26T	S89	2.14	2.18	4.84	-7.149	-7.614	-2.615
							SU	--	12.44	12.48	15.19	-7.662	-7.871	-2.675
							MRU	82	0.36	0.35	3.09	-9.814	-9.305	-4.462

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)



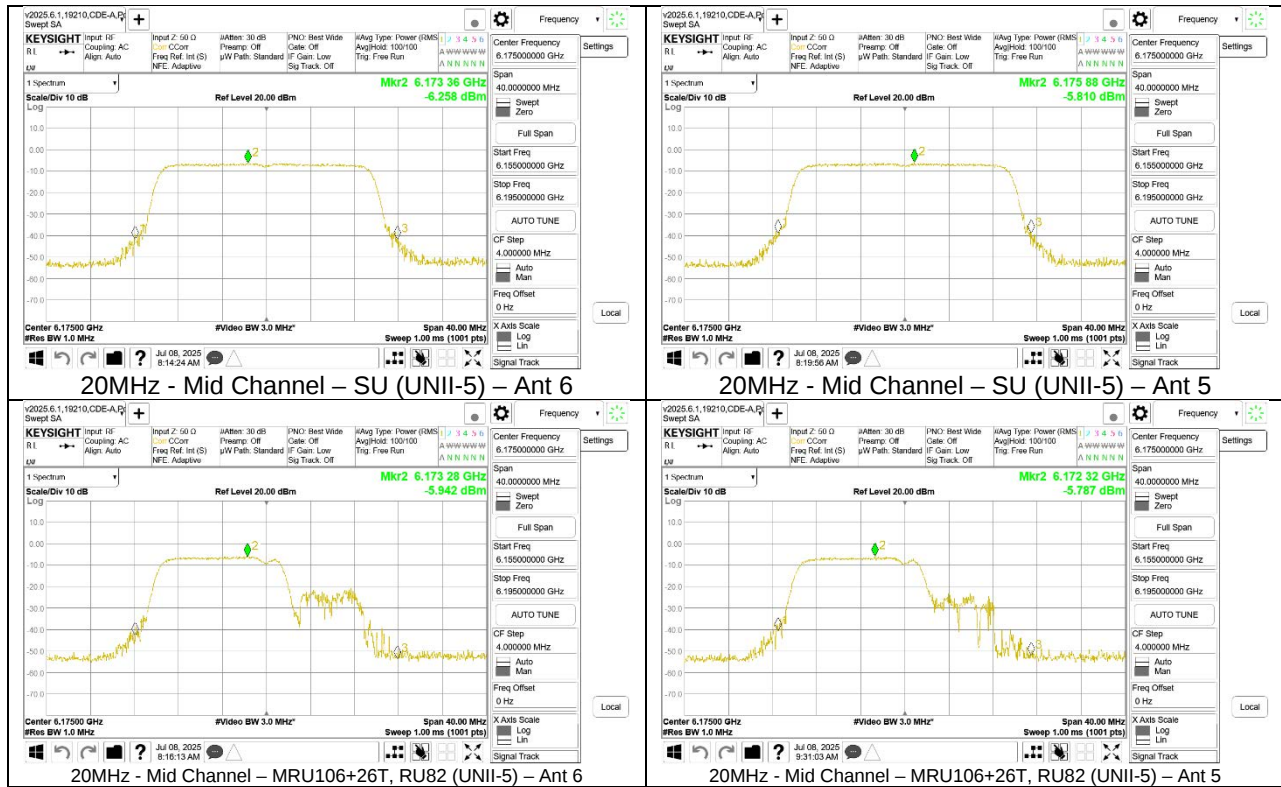
9.5.3 802.11be MIMO SDM MODE IN THE UNII-5 BAND – LOW POWER

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	-0.28	2.08	5955	1	SU	--	5.66	5.77	8.45	-5.917	-5.810	-3.133							
							MRU	82	2.55	2.51	5.26	-6.306	-6.389	-3.617							
							106+26T	83	2.52	2.49	5.24	-6.256	-6.114	-3.454							
			0.33	2.48	6175	45	SU	--	5.88	5.81	9.19	-6.258	-5.810	-2.688							
							MRU	82	3.39	3.48	6.78	-5.942	-5.787	-2.524							
							106+26T	83	3.45	3.44	6.79	-5.915	-5.980	-2.607							
			-0.33	1.75	6415	93	SU	--	6.79	6.77	9.46	-4.844	-4.740	-2.111							
							MRU	82	4.14	4.12	6.81	-4.657	-4.766	-2.031							
							106+26T	83	4.11	4.15	6.81	-4.494	-4.358	-1.745							
40MHz	0	0	-0.28	2.08	5965	3	SU	--	8.69	8.66	11.41	-5.634	-5.920	-3.044							
							106T	53	1.71	1.79	4.48	-6.427	-6.207	-3.585							
								54	1.77	1.78	4.51	-6.239	-6.497	-3.636							
								56	1.74	1.75	4.48	-6.357	-6.601	-3.747							
							0.33	2.48	6165	43	SU	--	8.88	8.81	12.19	-5.612	-5.764	-2.347			
											106T	53	2.33	2.39	5.70	-5.582	-5.611	-2.256			
			54	2.38	2.36	5.71						-5.470	-5.888	-2.334							
			56	2.39	2.36	5.72	-5.724	-5.986	-2.513												
			-0.33	1.75	6405	91	SU	--	9.74	9.75	12.43	-4.546	-4.871	-2.025							
							106T	53	3.33	3.31	6.00	-4.980	-4.969	-2.294							
								54	3.29	3.33	5.99	-4.677	-5.064	-2.186							
								56	3.29	3.37	6.01	-4.864	-4.689	-2.095							
							80MHz	0	0.1	-0.28	2.08	5985	7	SU	--	11.59	11.52	14.29	-5.851	-6.109	-3.248
														MRU 106+26T	82	2.55	2.54	5.28	-6.589	-6.940	-3.931
			85	2.58	2.57	5.31									-6.457	-6.854	-3.821				
89	2.52	2.54	5.26	-6.541	-6.464	-3.672															
0.33	2.48	6145	39	SU	--	11.87								11.82	15.19	-5.667	-5.667	-2.327			
				MRU 106+26T	82	3.45								3.38	6.76	-5.309	-5.545	-1.985			
					85	3.41				3.42	6.76	-5.141	-5.627	-1.937							
89	3.44	3.48	6.80		-5.287	-5.697				-2.047											
-0.33	1.75	6385	87	SU	--	12.43				12.44	15.12	-5.097	-4.921	-2.328							
				MRU 106+26T	82	4.06	3.96	6.69	-4.911	-5.260	-2.302										
					85	4.04	4.05	6.73	-4.918	-4.990	-2.174										
89	4.02	4.03	6.71		-4.948	-4.890	-2.139														
160MHz	0	0	-0.28	2.08	6025	15	SU	--	14.86	14.87	17.60	-5.521	-4.779	-2.404							
							MRU 106+26T	82	2.66	2.64	5.38	-6.624	-6.896	-4.028							
								89	2.59	2.58	5.32	-6.406	-6.612	-3.777							
								S89	2.65	2.52	5.32	-6.580	-6.909	-4.011							
								--	14.66	14.63	17.99	-5.687	-5.429	-2.216							
							0.33	2.48	6185	47	MRU 106+26T	82	3.48	3.43	6.80	-5.784	-5.436	-2.266			
			89	3.43	3.41	6.76					-5.953	-5.832	-2.552								
			S89	3.46	3.42	6.78					-5.747	-5.525	-2.294								
			SU	--	15.49	15.45					18.15	-5.052	-4.592	-2.136							
				MRU 106+26T	82	4.22					4.28	6.93	-5.014	-4.757	-2.203						
					89	4.27					4.22	6.93	-5.177	-4.771	-2.289						
			S89		4.18	4.29					6.92	-4.600	-4.689	-1.964							

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)



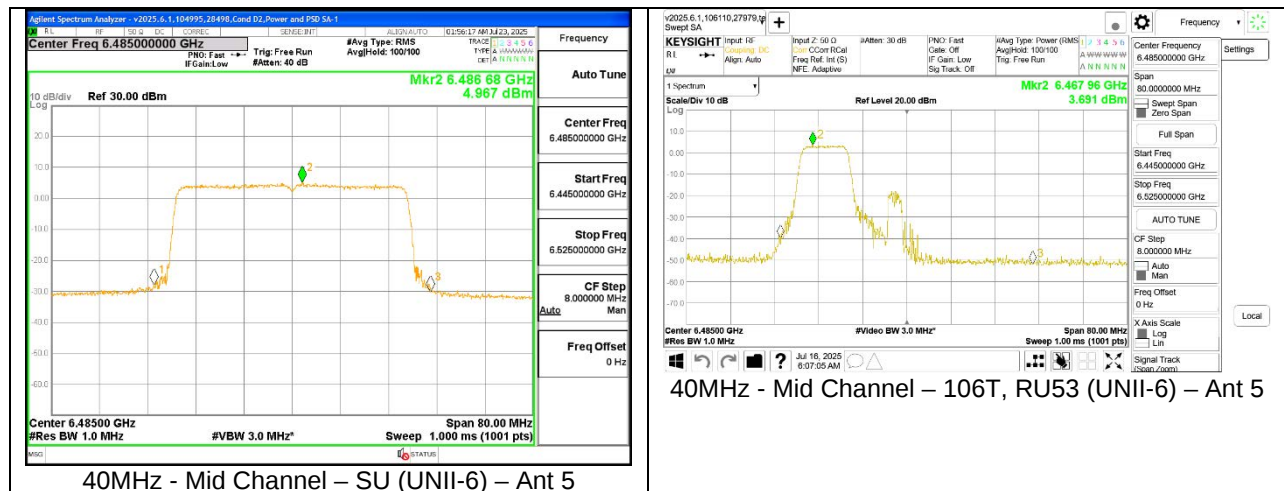
9.5.4 802.11be SISO MODE IN THE UNII-6 BAND – LOW POWER

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	1.60	-7.50	6435	97	SU	--	7.65	16.80	9.25	9.30	-3.325	5.650	-1.725	-1.850				
							MRU 106+26	82	5.18	14.25	6.78	6.75	-3.249	5.287	-1.649	-2.213				
								83	5.15	14.20	6.75	6.70	-3.433	5.358	-1.833	-2.142				
					6475	105	SU	--	7.61	16.81	9.21	9.31	-3.548	5.915	-1.948	-1.585				
							MRU 106+26	82	5.10	14.24	6.70	6.74	-3.677	5.706	-2.077	-1.794				
								83	5.18	14.18	6.78	6.68	-3.336	5.598	-1.736	-1.902				
					6515	113	SU	--	7.65	16.89	9.25	9.39	-3.006	5.676	-1.406	-1.824				
							MRU 106+26	82	5.15	14.27	6.75	6.77	-3.411	5.471	-1.811	-2.029				
								83	5.14	14.29	6.74	6.79	-3.209	5.509	-1.609	-1.991				
40MHz	0	0.11	1.60	-7.50	6445	99	SU	--	10.44	18.89	12.04	11.39	-3.464	5.278	-1.864	-2.222				
							106T	53	4.13	13.33	5.73	5.83	-5.740	5.746	-4.030	-1.644				
								54	4.17	13.35	5.77	5.85	-5.844	6.204	-4.134	-1.186				
								56	4.15	13.32	5.75	5.82	-5.683	6.188	-3.973	-1.202				
					6485	107	SU	--	10.49	18.91	12.09	11.41	-3.458	4.967	-1.858	-2.533				
							106T	53	4.10	13.35	5.70	5.85	-3.139	3.691	-1.429	-3.699				
								54	4.11	13.29	5.71	5.79	-3.258	3.290	-1.548	-4.100				
			56	4.18	13.31	5.78		5.81	-2.883	3.642	-1.173	-3.748								
			2.10	-7.40	6525 (Straddle)	115	SU	--	10.05	18.96	12.15	11.56	-3.459	5.060	-1.359	-2.340				
							106T	53	3.86	13.21	5.96	5.81	-5.868	5.115	-3.658	-2.175				
								54	3.84	13.19	5.94	5.79	-5.448	5.136	-3.238	-2.154				
								56	3.83	13.19	5.93	5.79	-5.854	4.982	-3.644	-2.308				
							80MHz	0	0	1.60	-7.50	6465	103	SU	--	13.35	18.92	14.95	11.42	-3.674
52T	37	1.15												10.36	2.75	2.86	-3.274	4.530	-1.674	-2.970
	45	1.15	10.36	2.75	2.86	-3.296								4.589	-1.696	-2.911				
	52	1.14	10.35	2.74	2.85	-3.322								4.497	-1.722	-3.003				
160MHz	0	0.1	2.10	-7.40	6505 (Straddle)	111	SU	--	15.94	18.40	18.04	11.00	-4.227	-1.808	-2.127	-9.208				
							242T	61	6.98	16.68	9.08	9.28	-4.322	5.194	-2.122	-2.106				
								62	7.03	16.62	9.13	9.22	-4.770	5.011	-2.570	-2.289				
								564	7.00	16.66	9.10	9.26	-4.584	5.009	-2.384	-2.291				

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)



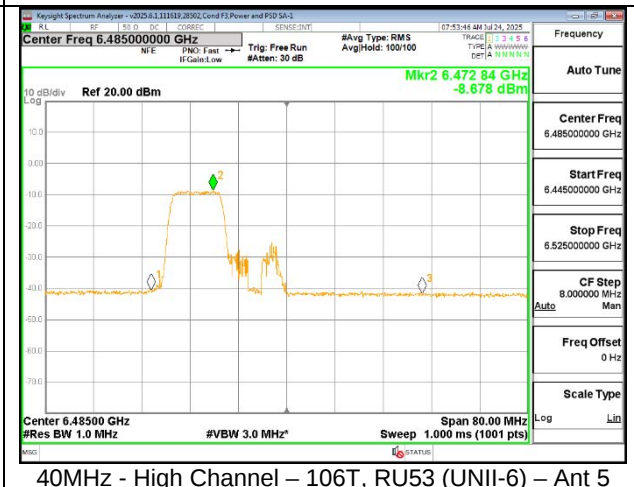
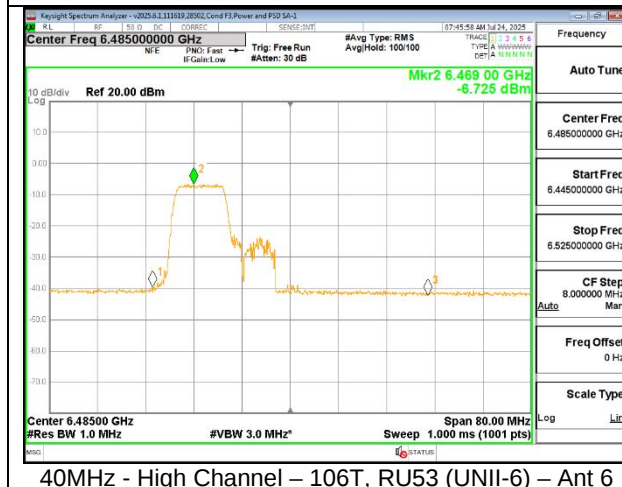
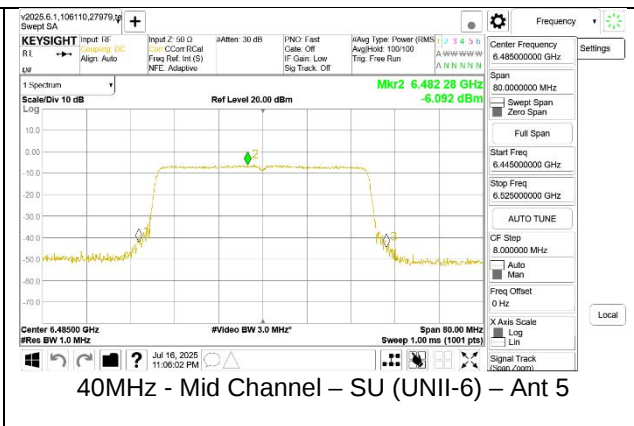
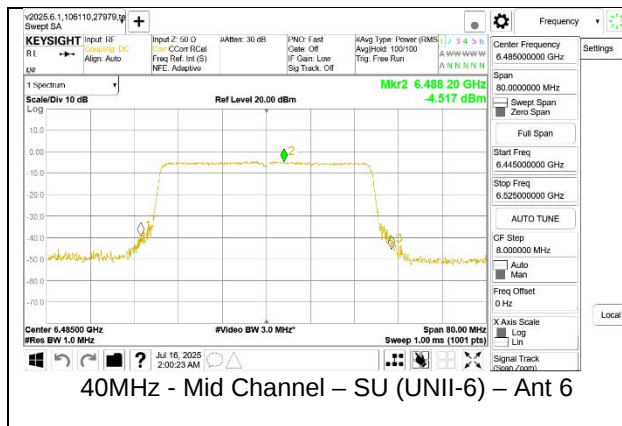
9.5.5 802.11be MIMO CDD MODE IN THE UNII-6 BAND – LOW POWER

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	-0.91	1.2	6435	97	SU	--	5.06	5.08	7.17	-6.199	-6.000	-1.888
							MRU	82	2.53	2.54	4.64	-6.230	-6.269	-2.039
							106+26	83	2.53	2.57	4.65	-6.349	-6.292	-2.110
							SU	--	5.03	5.09	7.16	-6.212	-6.188	-1.990
					6475	105	MRU	82	2.51	2.55	4.63	-6.410	-6.375	-2.182
							106+26	83	2.54	2.58	4.66	-6.308	-6.368	-2.128
							SU	--	4.99	5.02	7.11	-6.544	-6.427	-2.275
							MRU	82	2.57	2.59	4.68	-6.765	-6.577	-2.460
					6515	113	106+26	83	2.51	2.55	4.63	-6.530	-6.696	-2.402
							SU	--	7.79	7.88	9.94	-8.146	-8.338	-4.031
							53	1.54	1.55	3.65	-5.415	-5.488	-1.131	
							106T	54	1.56	1.58	3.67	-5.534	-5.573	-1.233
40MHz	0	0.11	-0.91	1.2	6445	99	56	1.52	1.53	3.63	-5.562	-5.544	-1.233	
							SU	--	7.85	7.82	9.94	-8.537	-8.792	-4.452
							53	1.49	1.51	3.60	-5.674	-5.830	-1.431	
							106T	54	1.51	1.56	3.64	-5.681	-5.305	-1.169
					6485	107	56	1.59	1.52	3.66	-5.735	-5.621	-1.357	
							SU	--	7.55	7.59	10.13	-9.160	-9.169	-4.554
							53	1.10	1.18	3.70	-6.175	-6.359	-1.546	
							106T	54	1.15	1.17	3.72	-6.425	-6.299	-1.641
			-0.45	1.6	6525 (Straddle)	115	56	1.08	1.13	3.67	-6.527	-6.240	-1.661	
							SU	--	10.77	10.77	12.87	-5.955	-5.991	-1.763
							37	-1.45	-1.41	0.67	-6.278	-6.090	-1.973	
							52T	45	-1.41	-1.41	0.69	-5.900	-6.003	-1.741
80MHz	0	0	-0.91	1.2	6465	103	52	-1.41	-1.45	0.67	-5.871	-6.300	-1.870	
							SU	--	13.37	13.32	15.91	-5.630	-5.884	-1.145
							61	4.57	4.59	7.14	-6.098	-5.837	-1.255	
							242T	62	4.55	4.58	7.13	-6.207	-5.968	-1.376
160MHz	0	0.1	-0.45	1.6	6505 (Straddle)	111	564	4.55	4.59	7.13	-6.211	-5.875	-1.329	

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) + Correlated Antenna Gain (dBi)



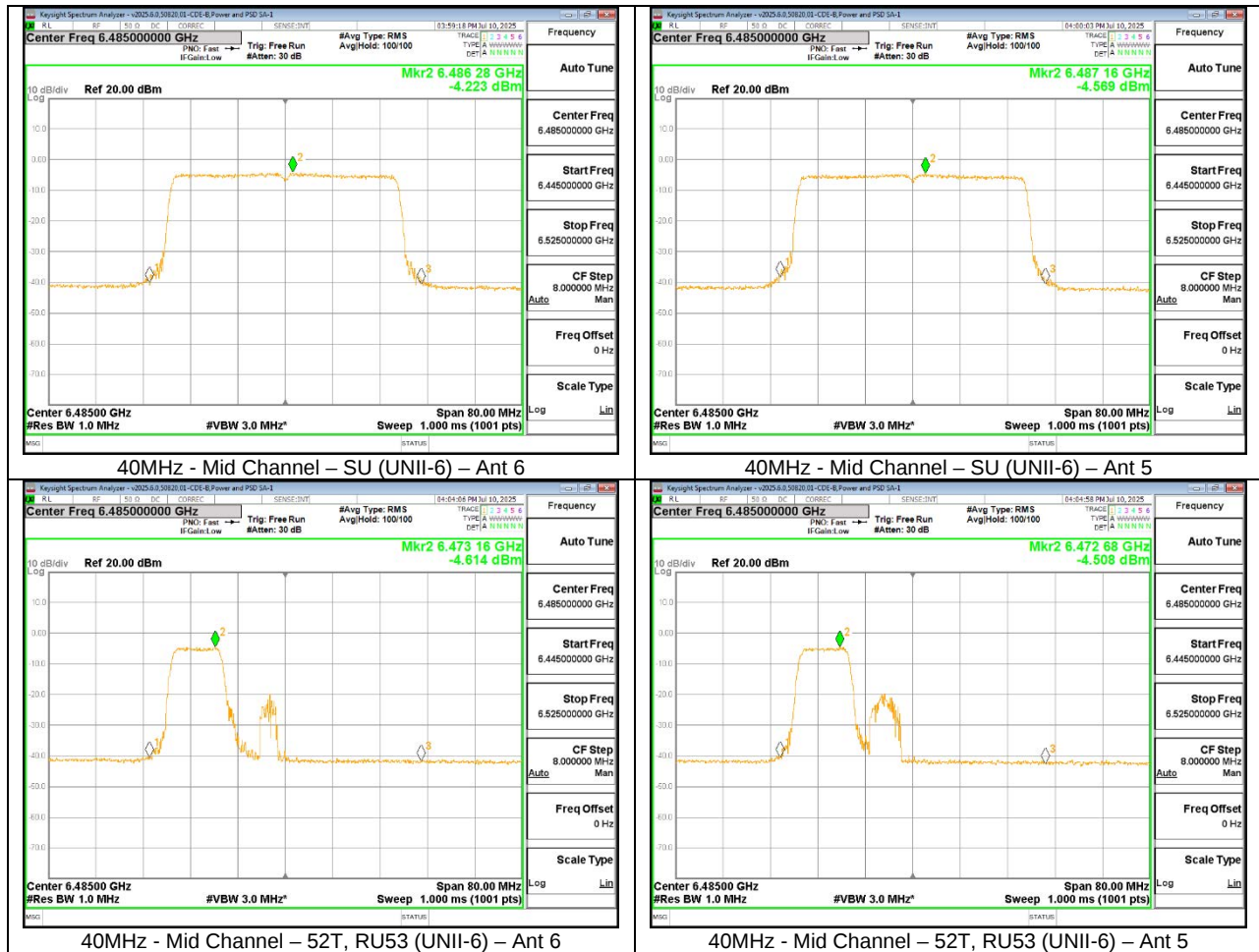
9.5.6 802.11be MIMO SDM MODE IN THE UNII-6 BAND – LOW POWER

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	-0.91	1.20	6435	97	SU	--	7.11	7.17	9.24	-4.437	-4.389	-2.313
							MRU	82	4.65	4.69	6.77	-4.227	-4.426	-2.225
							106+2	83	4.66	4.61	6.74	-4.681	-4.246	-2.358
					6475	105	SU	--	7.19	7.19	9.29	-4.371	-4.265	-2.217
							MRU	82	4.63	4.62	6.73	-4.370	-4.402	-2.286
							106+2	83	4.62	4.68	6.75	-4.395	-4.434	-2.314
					6515	113	SU	--	7.11	7.19	9.25	-4.268	-4.350	-2.209
							MRU	82	4.69	4.65	6.77	-4.236	-4.419	-2.226
							106+2	83	4.64	4.69	6.77	-4.301	-4.546	-2.321
40MHz	0	0	-0.91	1.20	6445	99	SU	--	9.95	9.98	12.07	-4.371	-4.323	-2.247
							MRU	53	3.67	3.66	5.77	-4.612	-4.729	-2.570
							106T	54	3.66	3.69	5.78	-4.055	-4.441	-2.143
							MRU	56	3.62	3.69	5.76	-4.530	-4.733	-2.530
					6485	107	SU	--	9.93	9.96	12.05	-4.223	-4.569	-2.292
							MRU	53	3.65	3.66	5.76	-4.614	-4.508	-2.460
							106T	54	3.59	3.68	5.74	-3.997	-4.247	-2.020
							MRU	56	3.68	3.63	5.76	-3.796	-4.490	-2.029
			-0.45	1.60	6525 (Straddle)	115	SU	--	9.65	9.69	12.23	-4.376	-4.890	-2.065
							MRU	53	3.29	3.22	5.82	-4.174	-4.731	-1.883
							106T	54	3.25	3.28	5.83	-4.202	-5.032	-2.037
							MRU	56	3.28	3.24	5.82	-4.561	-4.884	-2.159
80MHz	0	0	-0.91	1.20	6465	103	SU	--	12.88	12.89	14.99	-4.683	-4.422	-2.450
							MRU	37	0.63	0.66	2.75	-4.607	-4.662	-2.534
							52T	45	0.66	0.65	2.76	-4.044	-4.671	-2.246
							MRU	52	0.60	0.66	2.73	-4.951	-4.795	-2.772
160MHz	0	0	-0.45	1.60	6505 (Straddle)	111	SU	--	15.46	15.47	18.03	-5.438	-4.992	-2.649
							242T	61	6.55	6.50	9.09	-5.727	-5.654	-3.130
							MRU	62	6.59	6.53	9.12	-5.955	-5.118	-2.956
							564	6.54	6.59	9.13	-5.125	-4.907	-2.454	

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)



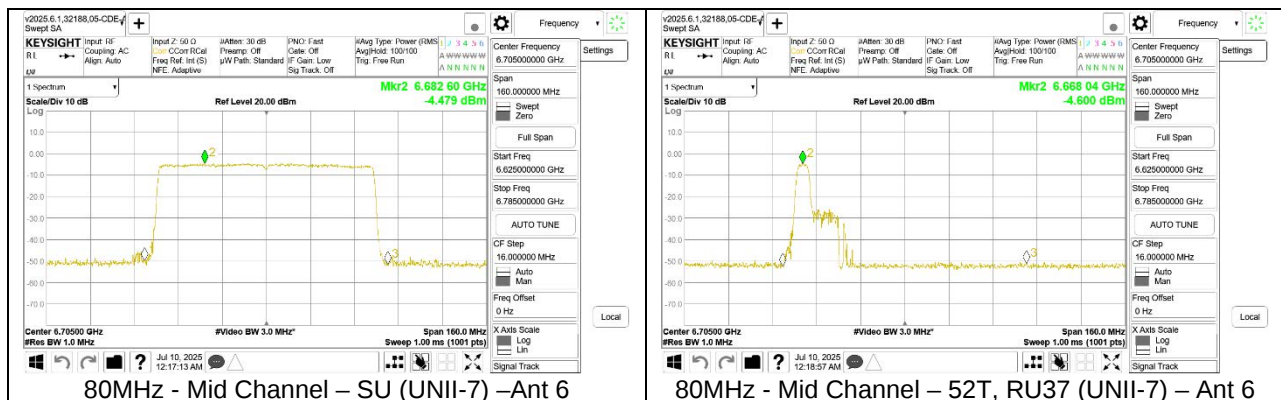
9.5.7 802.11be SISO MODE IN THE UNII-7 BAND – LOW POWER

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	0.1	2.10	-7.40	6535	117	SU	--	7.01	16.66	9.11	9.26	-4.497	5.081	-2.397	-2.319						
							106T	53	3.75	13.29	5.85	5.89	-3.358	6.123	-1.158	-1.177						
								54	3.79	13.20	5.89	5.80	-3.368	6.016	-1.168	-1.284						
					6715	153	SU	--	7.09	16.65	9.19	9.25	-4.517	5.283	-2.417	-2.117						
							106T	53	3.79	13.23	5.89	5.83	-3.389	6.086	-1.189	-1.214						
								54	3.78	13.17	5.88	5.77	-3.361	6.125	-1.161	-1.175						
			2.40	-5.70	6875 (Straddle)	185	SU	--	6.96	14.97	9.36	9.27	-4.551	3.384	-2.151	-2.316						
							106T	53	3.64	11.44	6.04	5.74	-3.517	4.101	-1.017	-1.499						
								54	3.69	11.41	6.09	5.71	-3.587	4.438	-1.087	-1.162						
							40MHz	0	0	2.10	-7.40	6565	123	SU	--	10.05	18.88	12.15	11.48	-4.036	4.519	-1.936
MRU 106+26T	82	4.55	13.99	6.65	6.59	-4.692								4.718	-2.592	-2.682						
	84	4.49	14.08	6.59	6.68	-4.431								4.892	-2.331	-2.508						
	85	4.52	14.08	6.62	6.68	-4.465								4.740	-2.365	-2.660						
6685	147	SU	--	10.02	18.96	12.12							11.56	-4.366	4.436	-2.266	-2.964					
		MRU 106+26T	82	4.54	14.07	6.64							6.67	-4.442	4.536	-2.342	-2.864					
			84	4.57	14.01	6.67						6.61	-4.27	4.851	-2.170	-2.549						
85			4.52	14.05	6.62	6.65						-4.432	4.981	-2.332	-2.419							
6845	179	SU	--	10.07	18.91	12.17						11.51	-4.239	4.867	-2.139	-2.533						
		MRU 106+26T	82	4.53	14.03	6.63						6.63	-4.467	4.668	-2.367	-2.732						
			84	4.56	13.98	6.66						6.58	-4.249	4.993	-2.149	-2.407						
			85	4.58	13.96	6.68						6.56	-4.205	5.029	-2.105	-2.371						
	80MHz	0	0	2.10	-7.40	6545 (Straddle)						119	SU	--	13.05	18.89	15.15	11.49	-4.540	1.779	-2.440	-5.621
													52T	37	0.62	10.29	2.72	2.89	-5.018	5.013	-2.918	-2.387
45							0.67	10.22	2.77	2.82	-4.579			5.101	-2.479	-2.299						
52							0.63	10.29	2.73	2.89	-4.691			4.894	-2.591	-2.506						
2.10				-7.40	6705	151	SU	--	13.06	18.92	15.16	11.52	-4.479	1.504	-2.379	-5.896						
							52T	37	0.55	9.95	2.65	2.55	-4.600	4.574	-2.500	-2.826						
								45	0.57	9.91	2.67	2.51	-4.753	5.002	-2.653	-2.398						
								52	0.53	9.96	2.63	2.56	-4.753	4.521	-2.653	-2.879						
							2.40	-5.70	6865 (Straddle)	183	SU	--	12.96	18.95	15.36	13.25	-4.491	1.446	-2.091	-4.254		
											52T	37	0.57	8.33	2.97	2.63	-4.765	3.273	-2.365	-2.427		
45	0.53	8.37	2.93	2.67	-4.497	3.409						-2.097	-2.291									
52	0.59	8.39	2.99	2.69	-4.382	3.173						-1.982	-2.527									
160MHz	0	0	2.10	-7.40	6665	143	SU	--	15.99	18.45	18.09	11.05	-4.228	-2.159	-2.128	-9.559						
							106T	53	3.77	13.23	5.87	5.83	-4.504	4.810	-2.404	-2.590						
								560	3.73	13.22	5.83	5.82	-4.697	4.314	-2.597	-3.086						
			2.40	-5.70	6825 (Straddle)	175	SU	--	15.55	18.19	17.95	12.49	-4.602	-2.410	-2.202	-8.110						
							106T	53	3.58	11.52	5.98	5.82	-4.776	2.988	-2.376	-2.712						
								560	3.51	11.54	5.91	5.84	-4.763	2.837	-2.363	-2.863						

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)



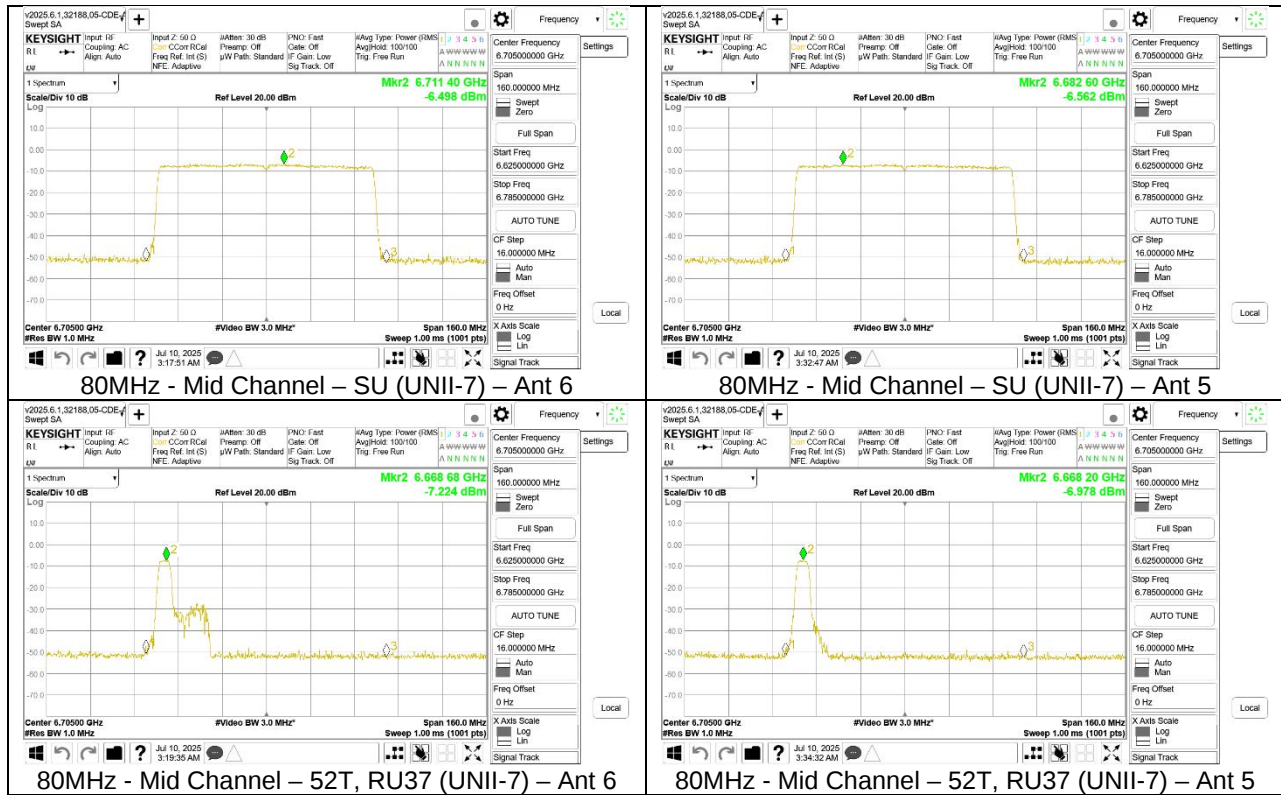
9.5.8 802.11be MIMO CDD MODE IN THE UNII-7 BAND – LOW POWER

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	0.1	-0.45	1.60	6535	117	SU	--	4.57	4.55	7.12	-6.920	-6.949	-2.324
							106T	53	1.28	1.25	3.83	-5.791	-5.689	-1.029
								54	1.24	1.25	3.81	-5.996	-5.695	-1.133
					6715	153	SU	--	4.52	4.58	7.11	-6.823	-7.043	-2.321
							106T	53	1.24	1.20	3.78	-5.979	-5.814	-1.185
								54	1.22	1.25	3.80	-5.694	-6.105	-1.184
			0.02	2.27	6875 (Straddle)	185	SU	--	4.02	4.08	7.08	-7.475	-7.504	-2.209
							106T	53	0.65	0.65	3.68	-6.680	-6.836	-1.377
								54	0.69	0.63	3.69	-6.391	-6.462	-1.046
40MHz	0	0	-0.45	1.60	6565	123	SU	--	7.50	7.55	10.09	-7.202	-7.079	-2.530
							MRU 106+26T	82	2.05	2.09	4.63	-7.071	-7.071	-2.461
								84	2.08	2.05	4.63	-6.973	-6.809	-2.280
								85	2.01	2.01	4.57	-7.256	-6.993	-2.512
					6685	147	SU	--	7.56	7.53	10.11	-6.950	-6.959	-2.344
							MRU 106+26T	82	2.03	1.98	4.57	-7.219	-6.832	-2.411
								84	2.04	2.07	4.62	-6.897	-6.966	-2.321
								85	2.02	2.01	4.58	-7.088	-7.063	-2.465
					6845	179	SU	--	7.49	7.54	10.08	-6.997	-7.270	-2.521
							MRU 106+26T	82	2.06	2.08	4.63	-6.891	-6.999	-2.334
								84	2.01	2.07	4.60	-6.781	-6.799	-2.180
								85	1.99	2.07	4.59	-6.754	-7.010	-2.270
80MHz	0	0	-0.45	1.60	6545 (Straddle)	119	SU	--	10.54	10.57	13.12	-6.586	-6.758	-2.061
							52T	37	-1.92	-1.85	0.68	-7.005	-6.838	-2.310
								45	-1.83	-1.84	0.73	-6.738	-6.833	-2.175
								52	-1.93	-1.92	0.64	-7.101	-7.226	-2.553
			-0.45	1.60	6705	151	SU	--	10.52	10.58	13.11	-6.498	-6.562	-1.920
							52T	37	-2.12	-2.03	0.49	-7.224	-6.978	-2.489
								45	-2.07	-2.05	0.50	-7.06	-7.108	-2.474
								52	-2.04	-2.08	0.50	-7.160	-7.223	-2.581
			0.02	2.27	6865 (Straddle)	183	SU	--	9.95	9.98	13.00	-7.197	-7.048	-1.842
							52T	37	-2.55	-2.56	0.48	-7.645	-7.881	-2.481
								45	-2.53	-2.54	0.50	-7.478	-7.661	-2.288
								52	-2.56	-2.51	0.50	-7.503	-7.317	-2.129
160MHz	0	0	-0.45	1.60	6665	143	SU	--	13.19	13.14	15.73	-5.468	-5.989	-1.110
							106T	53	1.15	1.11	3.69	-5.495	-5.828	-1.048
								S60	1.10	1.19	3.71	-5.545	-5.799	-1.060
			0.02	2.27	6825 (Straddle)	175	SU	--	12.55	12.58	15.60	-6.139	-6.494	-1.033
							106T	53	0.65	0.67	3.69	-6.074	-6.552	-1.026
								S60	0.68	0.60	3.67	-5.998	-6.616	-1.016

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)



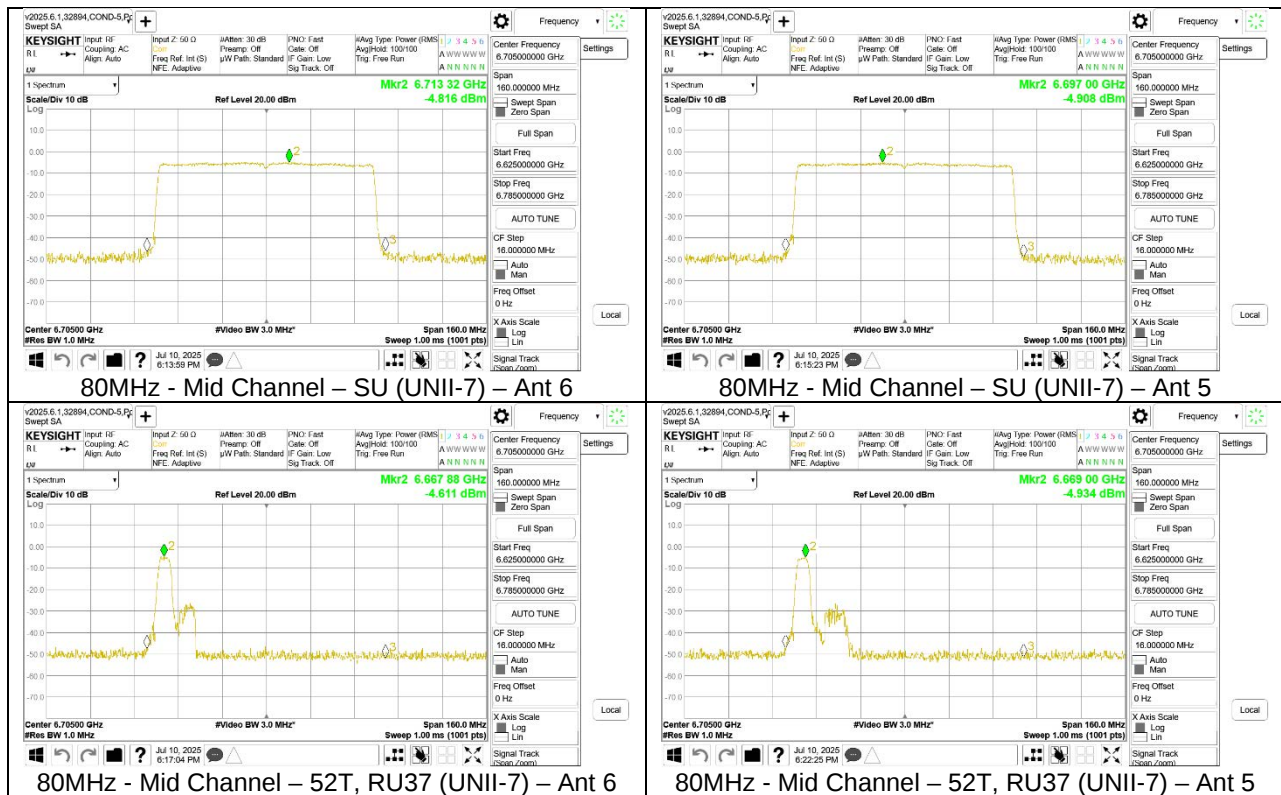
9.5.9 802.11be MIMO SDM MODE IN THE UNII-7 BAND – LOW POWER

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	-0.45	1.60	6535	117	SU	--	6.57	6.55	9.12	-4.926	-4.960	-2.383					
							106T	53	3.28	3.21	5.81	-3.745	-4.193	-1.403					
								54	3.26	3.25	5.82	-3.888	-3.962	-1.365					
					6715	153	SU	--	6.54	6.52	9.09	-4.660	-4.754	-2.146					
							106T	53	3.24	3.25	5.81	-3.681	-4.089	-1.320					
								54	3.22	3.23	5.79	-3.518	-3.846	-1.119					
			0.02	2.27	6875 (Straddle)	185	SU	--	6.36	6.33	9.38	-4.860	-5.216	-2.004					
							106T	53	2.89	2.96	5.96	-3.889	-4.179	-1.001					
								54	2.86	2.51	5.72	-4.454	-3.723	-1.043					
							40MHz	0	0	-0.45	1.60	6565	123	SU	--	9.50	9.55	12.09	-4.987
MRU	82	4.01	4.05	6.59	-5.033	-4.811								-2.360					
	106+2	84	4.00	4.05	6.59	-4.960								-4.544	-2.187				
	6T	85	4.00	4.02	6.57	-4.808								-4.759	-2.223				
6685	147	SU	--	9.54	9.59	12.13						-4.782	-4.875	-2.268					
		MRU	82	4.03	4.08	6.62						-4.750	-4.835	-2.232					
			106+2	84	4.06	4.09						6.64	-4.738	-4.549	-2.082				
			6T	85	4.05	4.07						6.62	-4.758	-5.002	-2.318				
6845	179	SU	--	9.53	9.59	12.12						-4.696	-4.903	-2.238					
		MRU	82	4.07	4.09	6.64						-4.816	-4.619	-2.156					
			106+2	84	4.07	4.02						6.61	-4.539	-4.679	-2.048				
			6T	85	4.01	4.02						6.58	-4.720	-4.817	-2.208				
		80MHz	0	0	-0.45	1.60						6545 (Straddle)	119	SU	--	12.65	12.64	15.21	-4.482
52T	37													0.25	0.21	2.79	-4.955	-5.063	-2.448
	45													0.27	0.22	2.81	-5.488	-5.023	-2.689
	52						0.25	0.28	2.83	-4.981	-5.337			-2.595					
6705	151						SU	--	12.49	12.43	15.02	-4.816	-4.908	-2.301					
							52T	37	0.05	0.00	2.59	-4.611	-4.934	-2.209					
					45	0.08		0.03	2.62	-4.940	-4.955	-2.387							
					52	0.01		0.04	2.59	-5.059	-5.029	-2.484							
0.02	2.27				6865 (Straddle)	183	SU	--	12.22	12.29	15.29	-5.450	-5.594	-2.491					
							52T	37	-0.21	-0.23	2.81	-5.590	-5.434	-2.481					
								45	-0.25	-0.27	2.77	-5.829	-5.687	-2.727					
								52	-0.29	-0.22	2.78	-5.292	-5.654	-2.439					
		160MHz	0	0	-0.45	1.60	6665	143	SU	--	15.25	15.28	17.83	-5.144	-4.843	-2.431			
									106T	53	3.26	3.21	5.80	-4.846	-4.720	-2.222			
560	3.23									3.27	5.81	-4.805	-5.014	-2.348					
0.02	2.27				6825 (Straddle)	175	SU	--	14.88	14.86	17.90	-5.448	-5.544	-2.465					
							106T	53	2.82	2.81	5.85	-5.086	-4.918	-1.971					
								560	2.88	2.79	5.87	-5.183	-5.255	-2.189					

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)



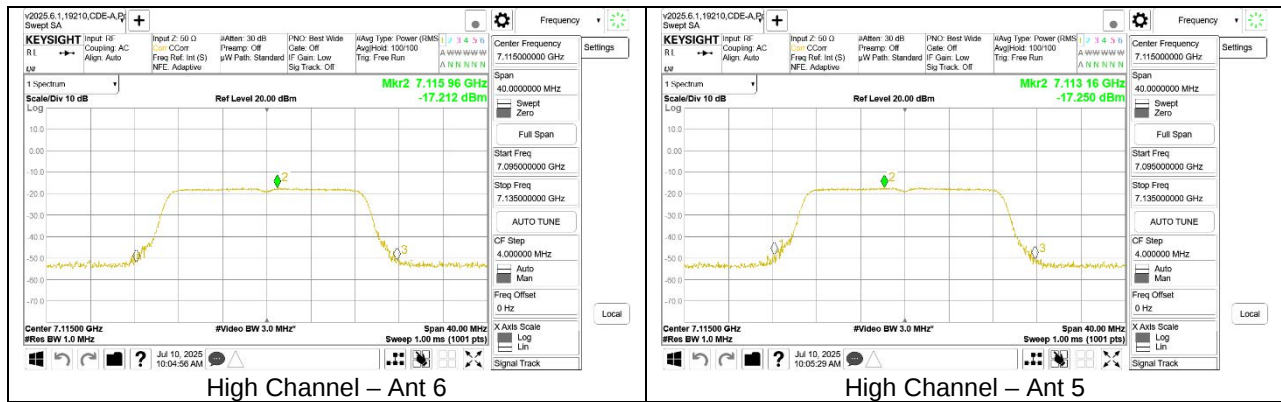
9.5.10 802.11a SISO MODE IN THE UNII-8 BAND – LOW POWER

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)	
								Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
20MHz	0	2.40	-5.70	7115	233	--	--	-6.05	-6.02	-3.65	-11.72	-17.212	-17.250	-14.812	-22.950

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)



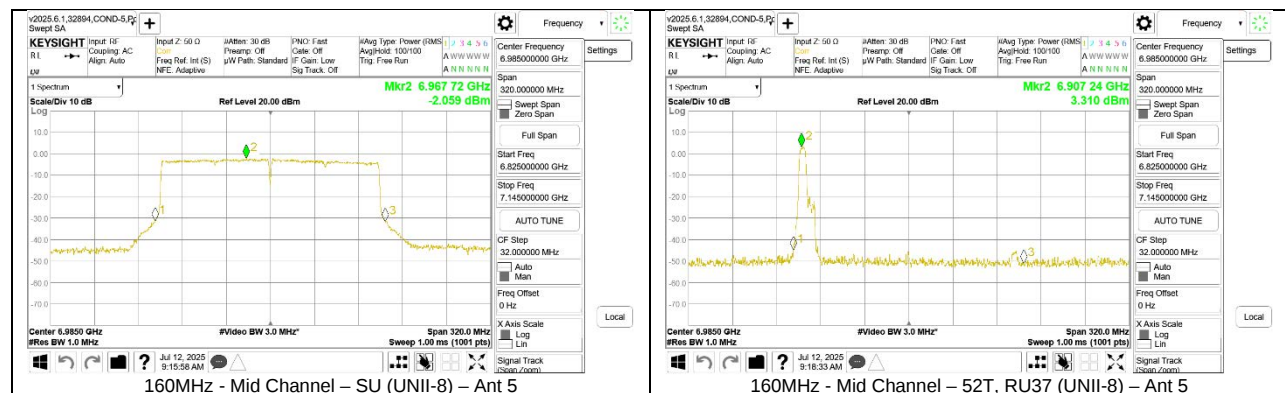
9.5.11 802.11be SISO MODE IN THE UNII-8 BAND – LOW POWER

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	0.1	2.40	-5.70	6895	189	SU	--	6.75	14.99	9.15	9.29	-4.785	3.348	-2.385	-2.352		
							106T	53	3.57	11.46	5.97	5.76	-4.397	3.504	-1.897	-2.096		
								54	3.50	11.45	5.90	5.75	-4.547	3.402	-2.047	-2.198		
					6995	209	SU	--	6.77	14.89	9.17	9.19	-4.593	3.490	-2.193	-2.210		
							106T	53	3.55	11.49	5.95	5.79	-4.188	3.411	-1.688	-2.189		
								54	3.57	11.42	5.97	5.72	-4.119	3.631	-1.619	-1.969		
			7095	229	SU	--	7.05	15.08	9.45	9.38	-4.432	3.619	-2.032	-2.081				
					106T	53	3.65	11.79	6.05	6.09	-4.134	3.880	-1.634	-1.720				
						54	3.61	11.73	6.01	6.03	-4.067	4.151	-1.567	-1.449				
40MHz	0	0	2.40	-5.70	6885 (Straddle)	187	SU	--	9.96	17.84	12.36	12.14	-4.473	3.590	-2.073	-2.110		
							52T	37	0.62	8.24	3.02	2.54	-4.280	3.472	-1.880	-2.228		
								41	0.69	8.15	3.09	2.45	-4.295	3.251	-1.895	-2.449		
								44	0.61	8.22	3.01	2.52	-4.493	3.517	-2.093	-2.183		
						6965	203	SU	--	9.55	17.86	11.95	12.16	-4.866	3.349	-2.466	-2.351	
								52T	37	0.33	8.14	2.73	2.44	-4.717	3.272	-2.317	-2.428	
			41	0.36	8.10				2.76	2.40	-4.796	3.415	-2.396	-2.285				
			44	0.34	8.29				2.74	2.59	-4.989	3.130	-2.589	-2.570				
			7085	227	SU		--	9.71	17.96	12.11	12.26	-4.399	3.556	-1.999	-2.144			
					52T		37	0.55	8.22	2.95	2.52	-4.439	3.265	-2.039	-2.435			
			41			0.51	8.25	2.91	2.55	-4.430	3.304	-2.030	-2.396					
			44			0.56	8.21	2.96	2.51	-4.420	3.224	-2.020	-2.476					
80MHz	0	0	2.40	-5.70	6945	199	SU	--	12.85	18.91	15.25	13.21	-4.583	1.283	-2.183	-4.417		
							106T	53	3.58	11.58	5.98	5.88	-4.742	3.502	-2.342	-2.198		
								56	3.49	11.55	5.89	5.85	-4.694	3.530	-2.294	-2.170		
								60	3.57	11.56	5.97	5.86	-4.852	3.483	-2.452	-2.217		
							7025	215	SU	--	12.99	18.95	15.39	13.25	-4.273	1.395	-1.873	-4.305
									106T	53	3.55	11.59	5.95	5.89	-4.462	3.506	-2.062	-2.194
			56	3.56	11.52	5.96				5.82	-4.627	3.553	-2.227	-2.147				
			60	3.45	11.56	5.85	5.86			-4.843	3.378	-2.443	-2.322					
			160MHz	0	0	2.40	-5.70	6985	207	SU	--	15.66	18.17	18.06	12.47	-4.296	-2.059	-1.896
52T	37	0.26								8.35	2.66	2.65	-5.405	3.310	-3.005	-2.390		
	52	0.22								8.38	2.62	2.68	-4.959	3.253	-2.559	-2.447		
	S52	0.28								8.31	2.68	2.61	-5.169	3.169	-2.769	-2.531		

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)



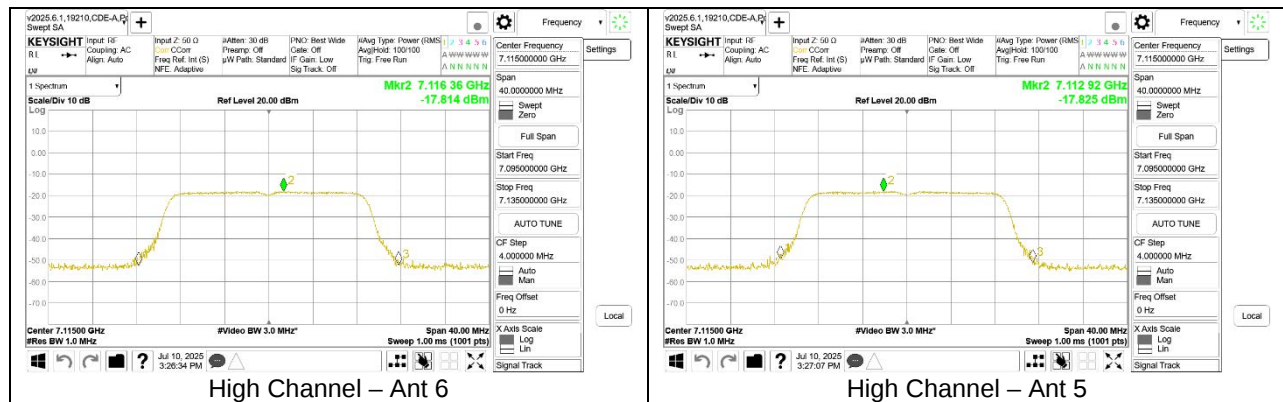
9.5.12 802.11a MIMO MODE IN THE UNII-8 BAND – LOW POWER

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)
								Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0	0.02	2.27	7115	233	--	--	-6.58	-6.52	-3.52	-17.814	-17.825	-12.539

Note:

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

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



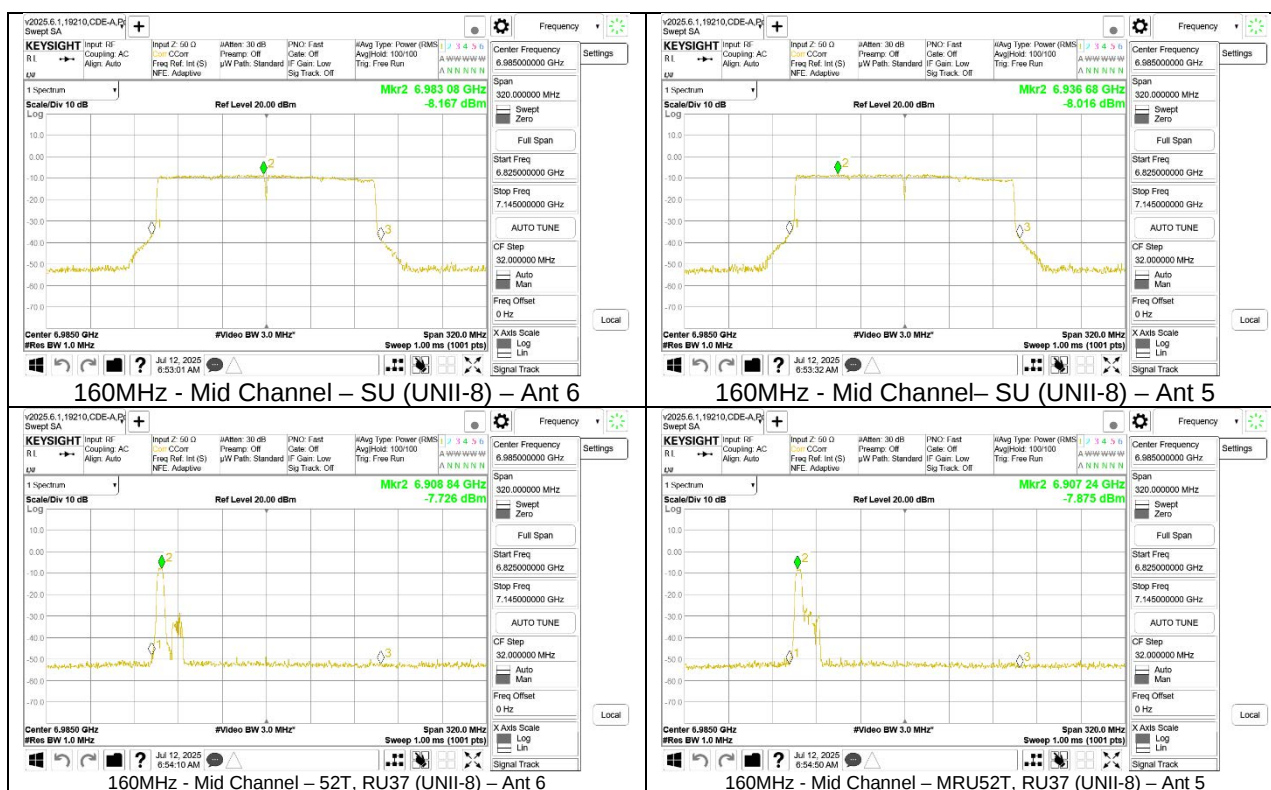
9.5.13 802.11be MIMO CDD MODE IN THE UNII-8 BAND – LOW POWER

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	0.02	2.27	6895	189	SU	--	3.84	3.75	6.83	-7.752	-7.711	-2.451
							106T	53	0.54	0.56	3.58	-7.121	-7.319	-1.839
								54	0.52	0.53	3.56	-7.270	-7.299	-1.904
					6995	209	SU	--	3.88	3.86	6.90	-7.670	-7.782	-2.445
							106T	53	0.51	0.55	3.56	-7.446	-7.590	-2.137
								54	0.59	0.58	3.62	-7.114	-7.135	-1.744
					7095	229	SU	--	4.15	4.12	7.17	-7.421	-7.372	-2.116
							106T	53	0.77	0.71	3.77	-6.971	-7.117	-1.663
								54	0.74	0.79	3.80	-6.963	-7.044	-1.623
40MHz	0	0	0.02	2.27	6885 (Straddle)	187	SU	--	6.95	6.98	10.00	-7.471	-7.467	-2.189
								37	-2.64	-2.71	0.36	-7.835	-7.597	-2.434
							52T	41	-2.66	-2.61	0.40	-7.534	-7.632	-2.302
								44	-2.62	-2.61	0.42	-7.855	-7.728	-2.511
							SU	--	6.74	6.79	9.80	-7.745	-7.664	-2.424
								37	-2.67	-2.68	0.36	-7.893	-7.969	-2.651
			0.02	2.27	6965	203	52T	41	-2.64	-2.71	0.36	-7.884	-7.789	-2.556
								44	-2.65	-2.63	0.39	-7.746	-7.922	-2.553
							SU	--	6.89	6.84	9.90	-7.574	-7.585	-2.299
					7085	227	52T	37	-2.61	-2.66	0.40	-7.719	-7.659	-2.409
								41	-2.67	-2.69	0.35	-7.819	-7.759	-2.509
								44	-2.66	-2.67	0.37	-7.796	-7.605	-2.419
80MHz	0	0	0.02	2.27	6945	199	SU	--	9.65	9.67	12.69	-7.818	-7.740	-2.499
							106T	53	0.68	0.60	3.67	-7.250	-7.451	-2.069
								56	0.65	0.60	3.66	-7.359	-7.398	-2.098
			0.02	2.27	7025	215		60	0.66	0.67	3.70	-7.197	-7.199	-1.918
							SU	--	9.87	9.81	12.87	-7.587	-7.604	-2.315
							106T	53	0.65	0.63	3.67	-7.290	-7.095	-1.911
								56	0.63	0.68	3.69	-7.422	-7.030	-1.941
								60	0.61	0.65	3.66	-7.067	-7.161	-1.833
160MHz	0	0	0.02	2.27	6985	207	SU	--	12.36	12.42	15.42	-8.167	-8.016	-2.811
								37	-2.66	-2.67	0.37	-7.726	-7.875	-2.520
							52T	52	-2.70	-2.71	0.33	-8.022	-8.192	-2.826
								552	-2.66	-2.62	0.39	-8.000	-8.158	-2.798

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)



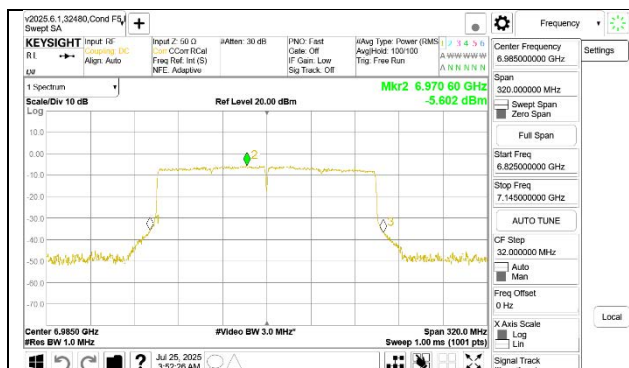
9.5.14 802.11be MIMO SDM MODE IN THE UNII-8 BAND – LOW POWER

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	0.02	2.27	6895	189	SU	--	6.19	6.15	9.20	-4.373	-5.079	-1.681
							106T	53	2.83	2.87	5.88	-4.209	-4.974	-1.544
								54	2.81	2.81	5.84	-3.842	-5.069	-1.382
					6995	209	SU	--	6.14	6.15	9.18	-4.740	-5.119	-1.895
							106T	53	2.88	2.86	5.90	-4.670	-5.531	-2.049
								54	2.83	2.81	5.85	-4.821	-5.075	-1.916
					7095	229	SU	--	6.38	6.33	9.39	-4.178	-5.049	-1.561
							106T	53	3.05	3.03	6.07	-4.505	-4.647	-1.545
								54	3.08	3.09	6.12	-4.534	-4.480	-1.477
40MHz	0	0	0.02	2.27	6885 (Straddle)	187	SU	--	9.25	9.27	12.29	-3.947	-4.829	-1.335
							52T	37	-0.48	-0.48	2.55	-5.728	-6.395	-3.018
								41	-0.31	-0.48	2.64	-6.031	-5.928	-2.949
							52T	44	-0.38	-0.39	2.65	-5.599	-5.902	-2.718
					6965	203	SU	--	9.07	9.01	12.07	-4.550	-4.991	-1.735
							52T	37	-0.35	-0.33	2.69	-5.750	-5.861	-2.775
								41	-0.36	-0.44	2.63	-5.845	-5.815	-2.800
							52T	44	-0.35	-0.37	2.67	-5.950	-5.553	-2.717
			0.02	2.27	7085	227	SU	--	9.17	9.18	12.21	-4.337	-5.118	-1.680
							52T	37	-0.47	-0.34	2.63	-5.809	-6.101	-2.922
								41	-0.33	-0.32	2.71	-5.837	-5.605	-2.689
							52T	44	-0.39	-0.32	2.68	-5.480	-5.813	-2.613
80MHz	0	0	0.02	2.27	6945	199	SU	--	11.90	11.89	14.93	-4.945	-5.240	-2.060
							106T	53	2.83	2.82	5.86	-5.215	-5.838	-2.485
								56	2.81	2.87	5.87	-5.499	-5.682	-2.559
					7025	215	SU	--	11.89	11.98	14.97	-4.757	-5.558	-2.109
							106T	53	2.85	2.88	5.90	-5.051	-5.712	-2.339
								56	2.81	2.84	5.86	-4.829	-5.168	-1.965
							106T	60	2.86	2.86	5.89	-4.837	-5.530	-2.139
160MHz	0	0	0.02	2.27	6985	207	SU	--	14.77	14.78	17.81	-5.602	-5.942	-2.738
							52T	37	-0.43	-0.46	2.59	-6.484	-6.382	-3.402
								52	-0.44	-0.47	2.58	-6.117	-6.537	-3.292
								S52	-0.41	-0.47	2.59	-6.497	-6.571	-3.504

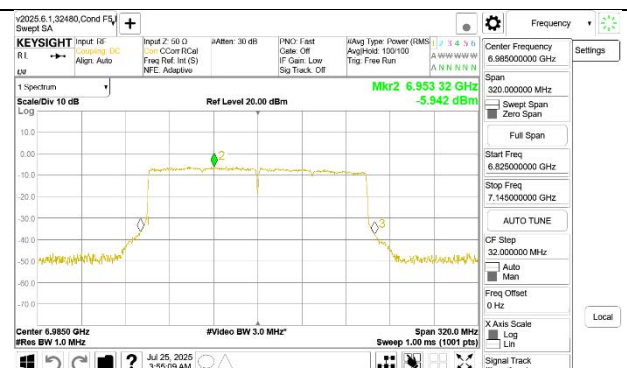
Note:

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

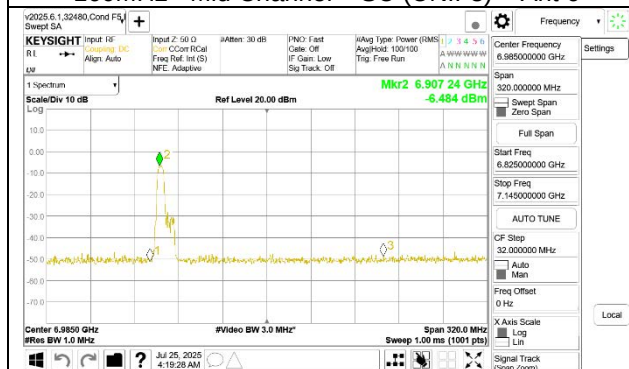
EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 6 + Ant 5) + Duty Factor (dB) + Un-Correlated Antenna Gain (dBi)



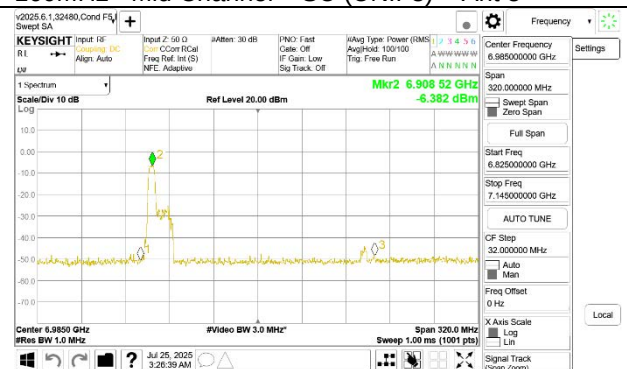
160MHz - Mid Channel – SU (UNII-8) – Ant 6



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



160MHz - Mid Channel – 52T RUS37 (UNII-8) – Ant 6



160MHz - Mid Channel – 52T RU37 (UNII-8) – Ant 5

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 and SP modes PSD tests, therefore, for test setting 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)		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	2.00	-5.40	5955	1	SU	--	18.95	19.49	20.95	14.09	7.478	7.426	9.478	2.026
							26T	0	16.35	19.44	18.35	14.04	14.856	17.979	16.856	12.579
								4	16.32	19.45	18.32	14.05	14.153	16.467	16.153	11.067
								8	16.37	19.45	18.37	14.05	14.753	17.438	16.753	12.038
			2.80	-6.00	6175	45	SU	--	18.99	19.43	21.79	13.43	7.538	7.226	10.338	1.226
							26T	0	15.19	19.43	17.99	13.43	12.414	16.504	15.214	10.504
								4	15.15	19.41	17.95	13.41	11.442	15.991	14.242	9.991
								8	15.14	19.39	17.94	13.39	12.822	17.248	15.622	11.248
			2.20	-7.10	6415	93	SU	--	18.96	19.48	21.16	12.38	7.535	7.649	9.735	0.549
							26T	0	16.15	19.44	18.35	12.34	14.108	17.492	16.308	10.392
								4	16.13	19.48	18.33	12.38	13.236	16.605	15.436	9.505
								8	16.19	19.41	18.39	12.31	14.099	17.537	16.299	10.437
40MHz	0	0	2.00	-5.40	5965	3	SU	--	18.97	19.40	20.97	14.00	4.559	5.092	6.559	-0.308
							26T	0	16.18	19.41	18.18	14.01	13.900	17.474	15.900	12.074
								9	16.11	19.45	18.11	14.05	13.949	17.167	15.949	11.767
								17	16.13	19.44	18.13	14.04	13.944	17.047	15.944	11.647
			2.80	-6.00	6165	43	SU	--	18.97	19.47	21.77	13.47	4.422	4.916	7.222	-1.084
							26T	0	15.13	19.43	17.93	13.43	12.781	17.125	15.581	11.125
								9	15.17	19.45	17.97	13.45	13.081	17.298	15.881	11.298
								17	15.09	19.42	17.89	13.42	12.885	17.067	15.685	11.067
			2.20	-7.10	6405	91	SU	--	18.87	19.46	21.07	12.36	4.782	5.082	6.982	-2.018
							26T	0	16.15	19.40	18.35	12.30	14.087	17.403	16.287	10.303
								9	16.16	19.48	18.36	12.38	13.609	17.098	15.809	9.998
								17	16.13	19.40	18.33	12.30	14.024	16.980	16.224	9.880
80MHz	0	0	2.00	-5.40	5985	7	SU	--	18.95	19.40	20.95	14.00	1.705	1.677	3.705	-3.723
							26T	0	15.92	19.41	17.92	14.01	13.084	16.597	15.084	11.197
								17	15.97	19.46	17.97	14.06	13.232	16.917	15.232	11.517
								36	15.90	19.39	17.90	13.99	13.322	16.849	15.322	11.449
			2.80	-6.00	6145	39	SU	--	18.97	19.42	21.77	13.42	1.285	1.525	4.085	-4.475
							26T	0	15.16	19.45	17.96	13.45	13.100	16.954	15.900	10.954
								17	15.11	19.45	17.91	13.45	12.969	16.570	15.769	10.570
								36	15.16	19.48	17.96	13.48	12.884	16.666	15.684	10.666
			2.20	-7.10	6385	87	SU	--	18.92	19.47	21.12	12.37	1.457	1.915	3.657	-5.185
							26T	0	16.05	19.48	18.25	12.38	13.565	17.053	15.765	9.953
								17	16.02	19.43	18.22	12.33	13.736	17.030	15.936	9.930
								36	16.09	19.42	18.29	12.32	13.406	16.998	15.606	9.898
160MHz	0	0.09	2.00	-5.40	6025	15	SU	--	18.47	18.98	20.47	13.58	-1.794	-1.456	0.206	-6.856
							26T	0	15.95	18.95	17.95	13.55	13.423	16.539	15.513	11.229
								36	15.90	18.92	17.90	13.52	13.452	16.637	15.542	11.327
								S36	15.89	18.88	17.89	13.48	13.098	16.797	15.188	11.487
			2.80	-6.00	6185	47	SU	--	18.46	18.97	21.26	12.97	-1.476	-0.956	1.324	-6.956
							26T	0	15.10	18.92	17.90	12.92	12.653	16.757	15.543	10.847
								36	15.11	18.93	17.91	12.93	12.778	16.649	15.668	10.739
								S36	15.04	18.86	17.84	12.86	12.407	16.715	15.297	10.805
			2.20	-7.10	6345	79	SU	--	18.49	18.89	20.69	11.79	-1.692	-1.182	0.508	-8.282
							26T	0	15.84	18.96	18.04	11.86	12.866	16.512	15.156	9.502
								36	15.88	18.91	18.08	11.81	12.971	16.911	15.261	9.901
								S36	15.88	18.90	18.08	11.80	13.551	16.910	15.841	9.900

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	-0.28	2.08	5955	1	SU	--	18.89	18.88	21.62	7.517	7.816	12.759
							26T	0	13.05	13.09	15.80	11.073	10.837	16.047
								4	13.02	13.06	15.77	9.943	9.928	15.026
								8	13.00	13.06	15.76	10.947	10.948	16.038
			0.33	2.48	6175	45	SU	--	18.96	18.95	22.30	7.700	7.317	13.003
							26T	0	12.49	12.48	15.83	9.998	9.937	15.458
								4	12.48	12.43	15.80	8.919	9.066	14.483
								8	12.44	12.44	15.78	10.096	9.662	15.375
			-0.33	1.75	6415	93	SU	--	18.89	18.95	21.60	7.594	7.322	12.220
							26T	0	13.40	13.49	16.13	11.446	11.558	16.263
								4	13.40	13.44	16.10	10.465	10.301	15.144
								8	13.42	13.48	16.13	11.397	11.267	16.093
40MHz	0	0	-0.28	2.08	5965	3	SU	--	18.94	18.93	21.67	4.538	4.756	9.739
							26T	0	13.02	13.07	15.78	10.770	10.742	15.846
								9	13.08	13.07	15.81	10.887	10.960	16.014
								17	13.00	13.05	15.76	10.838	10.973	15.996
			0.33	2.48	6165	43	SU	--	18.89	18.96	22.27	4.440	4.356	9.889
							26T	0	12.44	12.46	15.79	9.960	9.632	15.289
								9	12.42	12.41	15.76	10.021	9.886	15.444
								17	12.49	12.40	15.79	9.861	9.801	15.321
			-0.33	1.75	6405	91	SU	--	18.91	18.94	21.61	4.736	4.440	9.351
							26T	0	13.44	13.48	16.14	10.974	11.098	15.797
								9	13.41	13.48	16.13	11.304	11.055	15.942
								17	13.45	13.40	16.11	10.909	11.064	15.747
80MHz	0	0	-0.28	2.08	5985	7	SU	--	19.00	18.98	21.72	1.094	1.158	6.216
							26T	0	12.95	12.99	15.70	10.604	10.156	15.476
								17	12.96	12.98	15.70	10.167	10.505	15.430
								36	12.94	12.91	15.66	10.584	10.478	15.622
			0.33	2.48	6145	39	SU	--	18.87	18.88	22.22	1.113	1.333	6.715
							26T	0	12.44	12.45	15.79	9.949	10.144	15.538
								17	12.41	12.39	15.74	10.021	10.339	15.673
								36	12.40	12.45	15.77	10.020	10.283	15.644
			-0.33	1.75	6385	87	SU	--	18.90	18.89	21.58	1.424	1.374	6.159
							26T	0	13.33	13.32	16.01	11.298	10.938	15.882
								17	13.39	13.28	16.02	11.254	11.358	16.067
								36	13.00	13.22	15.79	11.375	11.196	16.047
160MHz	0	0.09	-0.28	2.08	6025	15	SU	--	18.47	18.46	21.20	-1.766	-1.764	3.325
							26T	0	12.85	12.80	15.56	10.340	10.379	15.540
								36	12.85	12.88	15.60	10.560	10.477	15.699
								S36	12.81	12.81	15.54	10.388	10.283	15.516
			0.33	2.48	6185	47	SU	--	18.48	18.44	21.80	-1.782	-1.807	3.696
							26T	0	12.30	12.40	15.69	10.215	10.020	15.699
								36	12.49	12.45	15.81	10.121	10.169	15.725
								S36	12.40	12.47	15.78	10.286	10.013	15.732
			-0.33	1.75	6345	79	SU	--	18.49	18.41	21.13	-1.353	-1.174	3.498
							26T	0	13.13	13.22	15.86	11.072	10.760	15.769
								36	13.24	13.25	15.93	11.228	10.938	15.936
								S36	13.21	13.19	15.88	10.913	11.169	15.893

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	-0.28	2.08	5955	1	SU	--	18.96	18.95	21.69	7.229	7.159	9.924
							26T	0	15.44	15.43	18.17	13.262	12.589	15.669
								4	15.48	15.38	18.16	12.179	11.717	14.684
								8	15.47	15.49	18.21	13.510	13.036	16.010
			0.33	2.48	6175	45	SU	--	18.99	18.93	22.30	6.805	6.197	9.852
							26T	0	14.55	14.55	17.89	11.193	10.934	14.406
								4	14.52	14.55	17.88	10.264	10.376	13.661
								8	14.51	14.56	17.88	11.244	11.286	14.605
			-0.33	1.75	6415	93	SU	--	18.92	18.87	21.58	7.566	7.331	10.130
							26T	0	15.55	15.52	18.22	13.212	12.211	15.421
								4	15.49	15.58	18.22	12.162	11.742	14.637
								8	15.51	15.53	18.20	13.048	13.467	15.943
40MHz	0	0	-0.28	2.08	5965	3	SU	--	18.94	18.99	21.70	4.436	4.414	7.155
							26T	0	15.36	15.33	18.08	13.200	12.632	15.656
								9	15.38	15.34	18.09	12.849	12.807	15.558
								17	15.39	15.30	18.08	12.884	12.370	15.365
			0.33	2.48	6165	43	SU	--	18.89	18.96	22.27	3.541	3.836	7.031
							26T	0	14.52	14.55	17.88	11.427	11.008	14.563
								9	14.51	14.49	17.84	10.893	11.413	14.501
								17	14.58	14.59	17.93	12.007	11.503	15.103
			-0.33	1.75	6405	91	SU	--	18.96	18.94	21.63	4.483	4.460	7.152
							26T	0	15.55	15.50	18.21	12.745	12.876	15.491
								9	15.56	15.56	18.24	12.603	13.057	15.516
								17	15.49	15.52	18.19	13.230	13.622	16.111
80MHz	0	0	-0.28	2.08	5985	7	SU	--	18.85	18.91	21.61	1.450	1.748	4.332
							26T	0	15.30	15.39	18.08	12.705	13.051	15.612
								17	15.32	15.38	18.08	12.632	13.122	15.614
								36	15.29	15.35	18.05	13.149	13.195	15.902
			0.33	2.48	6145	39	SU	--	18.98	18.92	22.29	0.636	0.942	4.132
							26T	0	14.51	14.50	17.85	11.212	11.289	14.591
								17	14.58	14.52	17.89	11.010	11.170	14.431
								36	14.51	14.53	17.86	11.554	11.859	15.049
			-0.33	1.75	6385	87	SU	--	18.97	18.93	21.63	1.662	1.567	4.295
							26T	0	15.40	15.44	18.10	12.324	12.949	15.328
								17	15.49	15.43	18.14	12.665	12.748	15.387
								36	15.44	15.42	18.11	13.543	13.251	16.080
160MHz	0	0	-0.28	2.08	6025	15	SU	--	18.49	18.47	21.21	-1.775	-1.969	0.859
							26T	0	15.16	15.18	17.90	12.656	12.782	15.450
								36	15.14	15.10	17.85	11.860	12.428	14.884
								S36	15.15	15.08	17.85	12.139	11.792	14.699
			0.33	2.48	6185	47	SU	--	18.43	18.44	21.78	-2.513	-2.136	1.020
							26T	0	14.55	14.53	17.88	10.940	10.560	14.094
								36	14.53	14.58	17.90	11.501	11.190	14.689
								S36	14.58	14.50	17.88	11.271	11.573	14.765
			-0.33	1.75	6345	79	SU	--	18.42	18.46	21.12	-1.844	-1.777	0.870
							26T	0	15.36	15.33	18.03	12.486	12.140	14.997
								36	15.31	15.38	18.03	12.194	12.730	15.151
								S36	15.39	15.37	18.06	12.696	12.937	15.498

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	2.10	-7.40	6535	117	SU	--	18.46	18.98	20.56	11.58	6.754	7.478	8.854	0.078
							0		15.87	18.98	17.97	11.58	13.355	16.688	15.455	9.288
							26T	4	15.88	18.95	17.98	11.55	11.481	14.910	13.581	7.510
							8		15.79	18.96	17.89	11.56	13.598	16.457	15.698	9.057
					6715	153	SU	--	18.41	18.92	20.51	11.52	7.010	7.512	9.110	0.112
							0		15.88	18.90	17.98	11.50	13.504	16.701	15.604	9.301
							26T	4	15.83	18.97	17.93	11.57	11.738	14.027	13.838	6.627
							8		15.81	18.89	17.91	11.49	13.669	16.671	15.769	9.271
					6855	181	SU	--	18.43	18.88	20.53	11.48	6.826	7.850	8.926	0.450
							0		15.88	18.89	17.98	11.49	13.304	16.592	15.404	9.192
							26T	4	15.89	18.96	17.99	11.56	11.140	14.144	13.240	6.744
							8		15.87	18.91	17.97	11.51	13.397	16.359	15.497	8.959
40MHz	0	0	2.10	-7.40	6565	123	SU	--	18.43	18.89	20.53	11.49	3.685	4.525	5.785	-2.875
							0		15.89	18.96	17.99	11.56	13.323	16.831	15.423	9.431
							26T	9	15.75	18.87	17.85	11.47	13.618	16.615	15.718	9.215
							17		15.85	18.85	17.95	11.45	13.238	16.479	15.338	9.079
					6685	147	SU	--	18.46	18.98	20.56	11.58	3.674	4.932	5.774	-2.468
							0		15.85	18.93	17.95	11.53	13.321	16.419	15.421	9.019
							26T	9	15.83	18.94	17.93	11.54	13.572	16.655	15.672	9.255
							17		15.74	18.96	17.84	11.56	13.266	16.420	15.366	9.020
					6845	179	SU	--	18.39	18.93	20.49	11.53	3.859	5.027	5.959	-2.373
							0		15.73	18.85	17.83	11.45	13.214	16.546	15.314	9.146
							26T	9	15.75	18.91	17.85	11.51	13.464	16.795	15.564	9.395
							17		15.78	18.96	17.88	11.56	13.404	16.905	15.504	9.505
80MHz (FCC)	0	0	2.10	-7.40	6625	135	SU	--	18.46	18.88	20.56	11.48	-2.463	-1.515	-0.363	-8.915
							0		15.88	18.90	17.98	11.50	9.799	13.398	11.899	5.998
							26T	17	15.85	18.93	17.95	11.53	9.931	13.388	12.031	5.988
							36		15.73	18.97	17.83	11.57	9.852	13.444	11.952	6.044
80MHz	0	0	2.10	-7.40	6705	151	SU	--	18.43	18.93	20.53	11.53	-2.466	-1.750	-0.366	-9.150
							0		15.86	18.94	17.96	11.54	9.567	13.423	11.667	6.023
							26T	17	15.84	18.90	17.94	11.50	9.790	13.369	11.890	5.969
							36		15.83	18.97	17.93	11.57	9.949	13.467	12.049	6.067
					6785	167	SU	--	18.49	18.95	20.59	11.55	-2.723	-1.818	-0.623	-9.218
							0		15.83	18.85	17.93	11.45	9.828	13.414	11.928	6.014
							26T	17	15.86	18.96	17.96	11.56	10.013	13.108	12.113	5.708
							36		15.76	18.85	17.86	11.45	9.536	13.054	11.636	5.654
160MHz	0	0.09	2.10	-7.40	6665	143	SU	--	17.93	18.48	20.03	11.08	4.238	2.100	6.338	-5.300
							0		15.98	18.46	18.08	11.06	13.526	16.073	15.716	8.763
							26T	36	15.95	18.44	18.05	11.04	13.394	15.859	15.584	8.549
							S36		15.87	18.49	17.97	11.09	13.459	16.047	15.649	8.737

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	-0.45	1.60	6535	117	SU	--	18.43	18.48	21.02	6.724	6.864	11.405
							26T	0	13.38	13.32	15.91	11.312	10.867	15.705
								4	13.32	13.30	15.87	8.537	8.017	12.895
								8	13.31	13.27	15.85	11.292	10.910	15.715
					6715	153	SU	--	18.46	18.45	21.02	6.854	6.718	11.397
							26T	0	13.35	13.38	15.93	11.076	11.010	15.653
								4	13.38	13.25	15.88	9.058	8.488	13.393
								8	13.25	13.36	15.87	11.209	10.893	15.664
					6855	181	SU	--	18.46	18.43	21.01	7.094	6.763	11.542
							26T	0	13.38	13.30	15.90	11.354	10.948	15.766
								4	13.39	13.36	15.94	7.935	8.020	12.588
								8	13.31	13.22	15.83	10.892	10.897	15.505
40MHz	0	0	-0.45	1.60	6565	123	SU	--	18.49	18.45	21.03	3.740	4.196	8.584
							52T	37	15.89	15.88	18.45	10.862	11.089	15.587
								41	15.96	15.86	18.47	10.817	11.167	15.606
								44	15.93	15.90	18.48	10.862	11.106	15.596
					6685	147	SU	--	18.44	18.49	21.03	3.960	4.102	8.642
							52T	37	15.93	15.97	18.51	10.759	10.930	15.456
								41	15.93	15.92	18.49	10.874	11.133	15.616
								44	15.94	15.99	18.53	10.740	10.854	15.408
					6845	179	SU	--	18.42	18.46	21.00	4.115	4.206	8.771
							52T	37	15.96	15.93	18.51	10.669	10.643	15.266
								41	15.89	15.89	18.45	11.100	10.905	15.614
								44	15.96	15.91	18.50	10.768	10.671	15.330
80MHz (FCC)	0	0	-0.45	1.60	6625	135	SU	--	18.46	18.44	21.01	1.315	-1.857	4.623
							52T	37	15.89	15.93	18.47	11.018	8.174	14.435
								45	15.96	15.97	18.53	11.448	7.983	14.663
								52	15.93	15.90	18.48	11.401	7.980	14.629
80MHz	0	0	-0.45	1.60	6705	151	SU	--	18.47	18.49	21.04	1.647	-2.110	4.773
							52T	37	15.90	15.97	18.50	11.352	8.097	14.633
								45	15.98	15.98	18.54	11.114	8.138	14.486
								52	15.94	15.97	18.52	11.244	7.941	14.510
					6785	167	SU	--	18.43	18.42	20.99	1.216	-2.148	4.462
							52T	37	15.99	15.98	18.55	11.117	7.882	14.404
								45	15.92	15.94	18.49	11.062	7.985	14.401
								52	15.96	15.93	18.51	11.241	7.921	14.501
160MHz	0	0	-0.45	1.60	6665	143	SU	--	17.91	17.97	20.50	-2.260	-2.079	2.442
							52T	37	15.97	15.99	18.54	11.226	10.237	15.370
								52	16.05	15.91	18.54	11.086	10.402	15.368
								S52	15.92	15.86	18.45	11.203	10.765	15.600

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	-0.45	1.60	6535	117	SU	--	18.49	18.44	21.03	6.904	6.251	9.150
							26T	0	15.48	15.43	18.02	12.682	12.572	15.188
								4	15.41	15.40	17.97	10.097	9.808	12.515
								8	15.47	15.48	18.04	13.100	12.585	15.410
					6715	153	SU	--	18.44	18.46	21.01	6.695	6.135	8.984
							26T	0	15.44	15.46	18.01	12.347	11.515	14.511
								4	15.45	15.38	17.98	10.780	9.970	12.954
								8	15.49	15.41	18.01	12.494	11.311	14.503
					6855	181	SU	--	18.47	18.41	21.00	6.459	5.858	8.729
							26T	0	15.39	15.44	17.98	12.146	11.737	14.507
								4	15.47	15.49	18.04	10.092	9.884	12.550
								8	15.42	15.48	18.01	12.376	11.986	14.746
40MHz	0	0	-0.45	1.60	6565	123	SU	--	18.42	18.47	21.01	3.203	3.296	5.810
							52T	37	18.05	18.07	20.62	12.571	12.043	14.875
								41	18.00	18.01	20.57	11.981	12.357	14.733
								44	18.08	18.03	20.62	12.079	12.234	14.717
					6685	147	SU	--	18.44	18.49	21.03	3.244	2.737	5.558
							52T	37	18.06	18.05	20.62	12.726	12.297	15.077
								41	18.07	18.06	20.63	12.468	12.092	14.844
								44	18.01	18.00	20.57	12.396	11.758	14.649
					6845	179	SU	--	18.40	18.45	20.99	2.655	2.696	5.236
							52T	37	18.09	18.06	20.64	11.470	11.376	13.984
								41	18.03	18.04	20.60	10.925	10.962	13.504
								44	18.06	18.09	20.64	11.074	10.497	13.355
80MHz (FCC)	0	0	-0.45	1.60	6625	135	SU	--	18.44	18.43	21.00	0.436	0.072	2.818
							52T	37	18.04	18.06	20.61	12.189	12.231	14.770
								45	17.98	18.08	20.59	12.260	12.024	14.704
								52	18.05	18.09	20.63	12.392	12.086	14.802
80MHz	0	0	-0.45	1.60	6705	151	SU	--	18.48	18.48	21.04	0.373	-0.012	2.745
							52T	37	18.07	18.08	20.64	11.942	12.122	14.593
								45	18.02	17.98	20.56	12.138	11.835	14.549
								52	18.09	18.00	20.61	11.980	11.530	14.321
					6785	167	SU	--	18.41	18.47	21.00	0.071	-0.647	2.287
							52T	37	18.04	18.00	20.58	11.763	11.000	13.959
								45	18.09	18.07	20.64	11.731	11.012	13.947
								52	18.09	18.01	20.61	11.494	10.787	13.715
160MHz	0	0	-0.45	1.60	6665	143	SU	--	17.98	17.95	20.53	-2.353	-2.444	0.162
							52T	37	17.95	17.93	20.50	12.677	12.782	15.290
								52	17.96	17.94	20.51	12.806	12.693	15.310
								552	17.90	17.96	20.49	12.840	12.300	15.139

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 and SP modes PSD tests, therefore, for test setting 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	0.1	2.80	-6.00	6115	33	SU	--	2.47	11.14	5.27	5.14	-9.740	-1.127	-6.940	-7.127			
							106T	53	-1.08	7.88	1.72	1.88	-10.042	-1.158	-7.142	-7.058			
								54	-1.06	7.81	1.74	1.81	-9.819	-0.795	-6.919	-6.695			
			2.80	-6.00	6175	45	SU	--	2.44	11.17	5.24	5.17	-9.620	-1.170	-6.820	-7.170			
							106T	53	-1.05	7.87	1.75	1.87	-9.919	-0.440	-7.019	-6.340			
								54	-1.09	7.82	1.71	1.82	-9.583	-0.738	-6.683	-6.638			
			2.20	-7.10	6415	93	SU	--	3.25	12.59	5.45	5.49	-8.394	0.730	-6.194	-6.370			
							106T	53	-0.21	9.28	1.99	2.18	-8.631	0.663	-6.331	-6.337			
								54	-0.18	9.27	2.02	2.17	-8.657	0.749	-6.357	-6.251			
			40MHz	0	0	2.80	-6.00	6125	35	SU	--	5.33	14.22	8.13	8.22	-10.530	-1.795	-7.730	-7.795
MRU106+26T	82	-0.06								8.79	2.74	2.79	-10.781	-2.219	-7.981	-8.219			
	84	-0.02								8.77	2.78	2.77	-10.628	-1.536	-7.828	-7.536			
	85	-0.03								8.73	2.77	2.73	-10.598	-1.945	-7.798	-7.945			
2.20	-7.10	6285								67	SU	--	6.05	15.22	8.25	8.12	-7.539	1.715	-5.339
						MRU106+26T	82	0.52	9.95		2.72	2.85	-8.880	0.697	-6.680	-6.403			
							84	0.54	9.90		2.74	2.80	-8.581	0.795	-6.381	-6.305			
							85	0.55	9.91		2.75	2.81	-8.365	0.633	-6.165	-6.467			
						2.20	-7.10	6405	91		SU	--	6.15	15.66	8.35	8.56	-7.267	2.088	-5.067
MRU106+26T	82	0.65								9.88	2.85	2.78	-8.167	1.163	-5.967	-5.937			
	84	0.66								9.86	2.86	2.76	-7.862	1.157	-5.662	-5.943			
	85	0.61								9.89	2.81	2.79	-8.093	1.126	-5.893	-5.974			
80MHz	0	0								2.80	-6.00	6145	39	SU	--	8.35	17.16	11.15	11.16
						MRU106+26T	82	-0.05	8.77					2.75	2.77	-10.906	-2.203	-8.106	-8.203
							85	-0.10	8.74					2.70	2.74	-10.892	-1.477	-8.092	-7.477
			89	-0.03	8.77		2.77	2.77	-10.481					-1.590	-7.681	-7.590			
			2.20	-7.10	6305	71	SU	--	8.94					18.25	11.14	11.15	-7.455	-0.755	-5.255
							MRU106+26T	82	0.66	9.74	2.86	2.64	-8.606	0.559	-6.406	-6.541			
								85	0.61	9.71	2.81	2.61	-8.306	0.907	-6.106	-6.193			
								89	0.63	9.75	2.83	2.65	-8.554	1.016	-6.354	-6.084			
							89	0.69	9.78	2.89	2.68	-8.231	1.082	-6.031	-6.018				
			2.20	-7.10	6385	87	SU	--	8.95	18.44	11.15	11.34	-7.567	-0.805	-5.367	-7.905			
MRU106+26T	82	0.65					9.74	2.85	2.64	-8.293	0.886	-6.093	-6.214						
	85	0.63					9.73	2.83	2.63	-8.334	1.157	-6.134	-5.943						
	89	0.69					9.78	2.89	2.68	-8.231	1.082	-6.031	-6.018						
160MHz	0	0					2.80	-6.00	6185	47	SU	--	9.95	18.77	12.75	12.77	-10.734	-1.911	-7.934
			MRU106+26T	82	-0.03	8.78					2.77	2.78	-9.788	-1.078	-6.988	-7.078			
				89	-0.06	8.74					2.74	2.74	-10.292	-0.859	-7.492	-6.859			
				S89	-0.01	8.71					2.79	2.71	-10.336	-0.992	-7.536	-6.992			
			2.20	-7.10	6345	79					SU	--	10.76	18.95	12.96	11.85	-10.002	-1.903	-7.802
							MRU106+26T	82	0.67	9.75	2.87	2.65	-9.655	-0.274	-7.455	-7.374			
								89	0.66	9.73	2.86	2.63	-9.504	0.113	-7.304	-6.987			
								S89	0.60	9.79	2.80	2.69	-8.981	0.300	-6.781	-6.800			

Note:

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

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

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

VLP CDD UNII-5 (MIMO)	Duty Factor (dB)		Un- Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 14dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -5 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0	0.1	0.33	2.48	6115	33	SU	--	-0.27	-0.21	3.10	-12.574	-12.170	-6.877
							106T	53	-3.71	-3.75	-0.39	-12.593	-12.725	-7.068
								54	-3.73	-3.78	-0.41	-12.457	-12.446	-6.861
			0.33	2.48	6175	45	SU	--	-0.21	-0.25	3.11	-12.179	-12.248	-6.723
							106T	53	-3.76	-3.71	-0.39	-12.297	-12.726	-6.916
								54	-3.76	-3.73	-0.40	-12.566	-12.386	-6.885
			-0.33	1.75	6415	93	SU	--	0.68	0.64	3.34	-11.223	-10.976	-6.337
							106T	53	-2.74	-2.73	-0.05	-11.078	-11.271	-6.313
								54	-2.71	-2.74	-0.04	-11.026	-11.251	-6.277
40MHz	0	0	0.33	2.48	6125	35	SU	--	2.64	2.65	5.99	-13.062	-13.277	-7.678
							MRU106+26T	82	-2.78	-2.79	0.56	-13.647	-13.402	-8.032
								84	-2.73	-2.74	0.61	-13.430	-13.281	-7.865
								85	-2.72	-2.74	0.61	-13.194	-13.612	-7.908
			-0.33	1.75	6285	67	SU	--	3.44	3.48	6.14	-11.228	-11.093	-6.400
							MRU106+26T	82	-1.99	-1.95	0.71	-11.282	-11.039	-6.399
								84	-1.95	-1.99	0.71	-11.023	-11.159	-6.330
								85	-1.98	-1.93	0.73	-10.968	-11.177	-6.311
			-0.33	1.75	6405	91	SU	--	3.64	3.60	6.30	-10.208	-10.110	-5.398
							MRU106+26T	82	-1.96	-1.91	0.75	-10.783	-10.519	-5.889
								84	-1.97	-2.01	0.69	-10.710	-10.608	-5.898
								85	-1.91	-1.95	0.75	-10.742	-10.608	-5.914
80MHz	0	0	0.33	2.48	6145	39	SU	--	5.69	5.61	8.99	-12.929	-12.926	-7.437
							MRU106+26T	82	-2.78	-2.74	0.58	-13.440	-13.909	-8.178
								85	-2.77	-2.71	0.60	-13.535	-13.517	-8.036
								89	-2.79	-2.71	0.59	-13.473	-13.413	-7.953
			-0.33	1.75	6305	71	SU	--	6.33	6.31	9.00	-11.111	-10.871	-6.229
							MRU106+26T	82	-2.05	-2.08	0.62	-11.201	-11.035	-6.357
								85	-2.07	-2.09	0.60	-11.304	-11.249	-6.516
								89	-2.01	-2.11	0.62	-11.257	-11.219	-6.478
			-0.33	1.75	6385	87	SU	--	6.34	6.39	9.05	-11.013	-10.816	-6.153
							MRU106+26T	82	-2.05	-2.04	0.64	-11.232	-11.135	-6.423
								85	-2.08	-2.05	0.62	-11.170	-10.996	-6.322
								89	-2.02	-2.03	0.66	-11.022	-11.139	-6.320
160MHz	0	0	0.33	2.48	6185	47	SU	--	7.33	7.35	10.68	-13.316	-13.379	-7.857
							MRU106+26T	82	-2.79	-2.80	0.55	-12.861	-13.128	-7.502
								89	-2.77	-2.74	0.59	-13.166	-12.779	-7.478
								S89	-2.76	-2.73	0.60	-13.040	-13.054	-7.557
			-0.33	1.75	6345	79	SU	--	8.15	8.17	10.84	-12.128	-12.401	-7.502
							MRU106+26T	82	-1.88	-1.89	0.80	-12.140	-11.976	-7.297
								89	-1.85	-1.83	0.84	-11.895	-12.275	-7.321
								S89	-1.81	-1.85	0.85	-11.687	-11.912	-7.038

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	0.33	2.48	6115	33	SU	--	1.76	1.75	5.10	-9.690	-9.932	-6.469
							106T	53	-1.65	-1.69	1.67	-9.524	-9.488	-6.166
								54	-1.66	-1.71	1.66	-9.842	-9.761	-6.461
			0.33	2.48	6175	45	SU	--	1.84	1.67	5.10	-9.624	-9.666	-6.305
							106T	53	-1.69	-1.63	1.68	-9.527	-9.710	-6.277
								54	-1.66	-1.61	1.71	-9.594	-9.768	-6.340
			-0.33	1.75	6415	93	SU	--	2.69	2.74	5.40	-9.309	-8.368	-6.133
							106T	53	-0.68	-0.69	2.00	-8.282	-8.283	-5.602
								54	-0.70	-0.65	2.01	-8.196	-8.643	-5.733
40MHz	0	0	0.33	2.48	6125	35	SU	--	4.83	4.83	8.17	-9.714	-9.824	-6.428
							MRU106+26T	82	-0.55	-0.61	2.76	-9.281	-9.785	-6.185
								84	-0.62	-0.55	2.76	-9.546	-9.548	-6.207
								85	-0.59	-0.59	2.75	-9.619	-9.763	-6.350
			-0.33	1.75	6285	67	SU	--	5.55	5.51	8.21	-8.895	-8.998	-6.266
							MRU106+26T	82	0.04	0.02	2.71	-9.120	-9.300	-6.529
								84	0.06	0.01	2.72	-9.200	-9.290	-6.564
								85	0.07	0.09	2.76	-9.038	-9.034	-6.356
			-0.33	1.75	6405	91	SU	--	5.71	5.65	8.36	-8.245	-8.192	-5.538
							MRU106+26T	82	0.11	0.05	2.76	-8.464	-8.756	-5.927
								84	0.15	0.11	2.81	-8.160	-8.441	-5.618
								85	0.17	0.08	2.81	-8.615	-8.792	-6.022
80MHz	0	0.1	0.33	2.48	6145	39	SU	--	7.88	7.82	11.19	-9.379	-9.298	-5.998
							MRU106+26T	82	-0.51	-0.75	2.71	-10.014	-9.986	-6.560
								85	-0.61	-0.66	2.71	-9.953	-9.672	-6.370
								89	-0.59	-0.65	2.72	-9.597	-9.819	-6.266
			-0.33	1.75	6305	71	SU	--	8.44	8.41	11.11	-8.979	-8.704	-6.159
							MRU106+26T	82	0.02	0.09	2.74	-9.428	-9.284	-6.575
								85	0.06	0.01	2.72	-9.184	-8.938	-6.279
								89	0.07	0.03	2.73	-9.237	-9.099	-6.387
			-0.33	1.75	6385	87	SU	--	8.44	8.38	11.09	-8.580	-8.491	-5.855
							MRU106+26T	82	0.09	0.01	2.73	-8.575	-8.463	-5.738
								85	0.04	0.05	2.73	-8.722	-8.511	-5.835
								89	0.05	0.09	2.75	-8.766	-8.656	-5.930
160MHz	0	0	0.33	2.48	6185	47	SU	--	9.58	9.55	12.91	-10.635	-10.246	-7.096
							MRU106+26T	82	-0.59	-0.59	2.75	-9.785	-9.907	-6.505
								89	-0.65	-0.59	2.72	-9.753	-9.487	-6.278
								S89	-0.55	-0.58	2.78	-9.532	-9.439	-6.145
			-0.33	1.75	6345	79	SU	--	10.27	10.23	12.93	-9.588	-9.793	-7.009
							MRU106+26T	82	0.22	0.23	2.91	-8.739	-8.971	-6.173
								89	0.29	0.28	2.97	-8.730	-9.120	-6.240
								S89	0.24	0.29	2.95	-8.895	-9.265	-6.396

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	0.1	1.60	-7.50	6435	97	SU	--	3.63	12.80	5.23	5.30	-7.826	1.285	-6.226	-6.215
							106T	53	0.19	9.32	1.79	1.82	-7.993	1.274	-6.293	-6.126
								54	0.15	9.32	1.75	1.82	-7.656	1.224	-5.956	-6.176
			1.60	-7.50	6475	105	SU	--	3.64	12.88	5.24	5.38	-7.767	1.607	-6.167	-5.893
							106T	53	0.13	9.33	1.73	1.83	-7.991	1.428	-6.291	-5.972
								54	0.13	9.34	1.73	1.84	-7.910	1.418	-6.210	-5.982
			1.60	-7.50	6515	113	SU	--	3.67	12.84	5.27	5.34	-7.711	1.386	-6.111	-6.114
								53	0.13	9.35	1.73	1.85	-7.820	1.079	-6.120	-6.321
							106T	54	0.12	9.32	1.72	1.82	-7.906	1.241	-6.206	-6.159
40MHz	0	0	1.60	-7.50	6445	99	SU	--	6.49	15.75	8.09	8.25	-7.862	1.196	-6.262	-6.304
							MRU106+26T	82	1.11	10.24	2.71	2.74	-8.067	1.002	-6.467	-6.498
								84	1.16	10.21	2.76	2.71	-7.550	1.210	-5.950	-6.290
								85	1.12	10.28	2.72	2.78	-8.059	1.214	-6.459	-6.286
			1.60	-7.50	6485	107	SU	--	6.44	15.76	8.04	8.26	-7.943	1.326	-6.343	-6.174
							MRU106+26T	82	1.15	10.29	2.75	2.79	-8.052	1.195	-6.452	-6.305
								84	1.17	10.22	2.77	2.72	-7.591	1.314	-5.991	-6.186
								85	1.14	10.19	2.74	2.69	-8.117	1.119	-6.517	-6.381
			2.10	-7.40	6525 (Straddle)	115	SU	--	6.09	15.60	8.19	8.20	-8.407	1.039	-6.307	-6.361
							MRU106+26T	82	0.54	10.15	2.64	2.75	-8.439	0.912	-6.339	-6.488
								84	0.52	10.13	2.62	2.73	-8.565	1.136	-6.465	-6.264
								85	0.58	10.11	2.68	2.71	-8.609	1.167	-6.509	-6.233
80MHz	0	0	1.60	-7.50	6465	103	SU	--	9.33	18.70	10.93	11.20	-8.078	0.960	-6.478	-6.540
							MRU106+26T	82	1.05	10.36	2.65	2.86	-8.481	0.815	-6.881	-6.685
								85	1.09	10.37	2.69	2.87	-8.245	1.012	-6.645	-6.488
								89	1.08	10.39	2.68	2.89	-8.207	1.311	-6.607	-6.189
160MHz	0	0	2.10	-7.40	6505 (Straddle)	111	SU	--	10.77	18.42	12.87	11.02	-9.638	-1.411	-7.538	-8.811
							MRU106+26T	82	0.67	10.00	2.77	2.60	-8.441	0.365	-6.341	-7.035
								89	0.66	10.08	2.76	2.68	-8.640	0.765	-6.540	-6.635
							S89		0.68	10.04	2.78	2.64	-8.344	0.398	-6.244	-7.002

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	-0.91	1.20	6435	97	SU	--	1.07	1.02	3.15	-10.162	-10.590	-6.160
							106T	53	-2.51	-2.45	-0.38	-10.511	-10.598	-6.244
								54	-2.44	-2.42	-0.33	-10.669	-10.542	-6.295
			-0.91	1.20	6475	105	SU	--	1.02	1.03	3.13	-10.300	-10.387	-6.133
							106T	53	-2.44	-2.48	-0.36	-10.349	-10.361	-6.045
								54	-2.44	-2.41	-0.32	-10.382	-10.513	-6.137
			-0.91	1.20	6515	113	SU	--	1.01	1.09	3.15	-10.518	-10.391	-6.244
							106T	53	-2.50	-2.46	-0.38	-10.406	-10.724	-6.252
								54	-2.43	-2.44	-0.33	-10.541	-10.726	-6.322
			-0.91	1.20	6445	99	SU	--	3.88	3.83	5.96	-10.519	-10.614	-6.356
							MRU106+26T	82	-1.49	-1.45	0.63	-10.573	-10.391	-6.271
								84	-1.44	-1.47	0.65	-10.607	-10.267	-6.223
								85	-1.43	-1.48	0.65	-10.690	-10.329	-6.295
							SU	--	3.84	3.84	5.94	-10.795	-10.783	-6.579
							MRU106+26T	82	-1.42	-1.44	0.67	-10.531	-10.361	-6.235
40MHz	0	0	-0.91	1.20	6485	107	MRU106+26T	84	-1.45	-1.43	0.66	-10.741	-10.303	-6.306
								85	-1.45	-1.41	0.67	-10.877	-10.467	-6.457
							SU	--	3.54	3.58	6.12	-10.891	-10.857	-6.264
			-0.45	1.60	6525 (Straddle)	115	MRU106+26T	82	-1.99	-1.93	0.60	-11.315	-11.239	-6.667
								84	-1.99	-1.97	0.58	-11.074	-11.164	-6.508
								85	-1.93	-1.96	0.62	-11.153	-11.423	-6.676
							SU	--	6.70	6.72	8.81	-10.675	-11.126	-6.684
							MRU106+26T	82	-1.59	-1.51	0.55	-11.180	-10.824	-6.788
								85	-1.53	-1.54	0.57	-11.059	-11.145	-6.891
80MHz	0	0	-0.91	1.20	6465	103		89	-1.52	-1.58	0.55	-10.987	-10.899	-6.732
							SU	--	8.25	8.24	10.81	-12.155	-12.091	-7.513
							MRU106+26T	37	-1.91	-1.93	0.64	-11.457	-11.200	-6.716
								52	-1.89	-1.97	0.63	-11.135	-11.380	-6.645
160MHz	0	0	-0.45	1.60	6505 (Straddle)	111		S52	-1.92	-1.92	0.64	-10.914	-11.175	-6.432
							MRU106+26T							

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	-0.91	1.20	6435	97	SU	--	3.17	3.15	5.26	-7.817	-7.483	-5.546
							106T	53	-0.34	-0.35	1.76	-7.771	-7.705	-5.638
								54	-0.36	-0.34	1.75	-8.043	-7.837	-5.838
			-0.91	1.20	6475	105	SU	--	3.19	3.14	5.27	-7.869	-7.553	-5.608
							106T	53	-0.32	-0.39	1.75	-8.070	-8.081	-5.975
								54	-0.34	-0.33	1.77	-8.042	-7.741	-5.789
		-0.91	1.20	6515	113	SU	--	3.17	3.14	5.26	-7.784	-7.820	-5.702	
						106T	53	-0.41	-0.37	1.71	-7.945	-7.790	-5.767	
							54	-0.36	-0.41	1.72	-7.798	-7.709	-5.653	
40MHz	0	0	-0.91	1.20	6445	99	SU	--	5.96	5.99	8.08	-6.454	-7.959	-5.041
							MRU106+26T	82	0.66	0.68	2.77	-7.378	-7.404	-5.291
								84	0.62	0.62	2.72	-7.649	-7.331	-5.387
			-0.91	1.20	6485	107	MRU106+26T	85	0.61	0.62	2.72	-7.499	-7.654	-5.476
								82	0.60	0.64	2.72	-7.792	-7.700	-5.645
							84	0.63	0.67	2.75	-7.465	-7.487	-5.376	
		-0.45	1.60	6525 (Straddle)	115	MRU106+26T	85	0.59	0.63	2.71	-7.682	-7.538	-5.509	
							SU	--	5.64	5.65	8.21	-7.515	-8.024	-5.202
						MRU106+26T	82	0.14	0.11	2.69	-8.173	-7.965	-5.507	
							84	0.18	0.15	2.73	-8.149	-7.540	-5.274	
						MRU106+26T	85	0.18	0.17	2.74	-8.306	-7.624	-5.391	
							SU	--	8.82	8.88	10.95	-8.006	-7.825	-5.814
80MHz	0	0.1	-0.91	1.20	6465	103	MRU106+26T	82	0.51	0.59	2.65	-7.833	-7.870	-5.651
								85	0.50	0.57	2.64	-8.029	-8.137	-5.882
							SU	89	0.58	0.56	2.67	-8.045	-8.285	-5.963
								--	10.38	10.32	12.91	-9.595	-9.780	-7.126
160MHz	0	0	-0.45	1.60	6505 (Straddle)	111	MRU106+26T	82	0.18	0.25	2.78	-8.785	-8.845	-6.255
								89	0.16	0.27	2.78	-8.988	-9.054	-6.461
							SU	S89	0.21	0.29	2.81	-9.060	-8.943	-6.441
								--	10.38	10.32	12.91	-9.595	-9.780	-7.126

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)

9.7.7 802.11be 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	2.10	-7.40	6535	117	SU	--	3.04	12.66	5.14	5.26	-7.874	1.281	-5.774	-6.119
							MRU106+26T	82	0.55	10.03	2.65	2.63	-8.082	0.845	-5.982	-6.555
								83	0.51	10.01	2.61	2.61	-8.065	0.872	-5.965	-6.528
					6715	153	SU	--	2.95	12.67	5.05	5.27	-8.347	1.026	-6.247	-6.374
							MRU106+26T	82	0.59	10.01	2.69	2.61	-8.156	1.294	-6.056	-6.106
								83	0.53	10.02	2.63	2.62	-8.095	1.020	-5.995	-6.380
			2.40	-5.70	6875 (Straddle)	185	SU	--	2.94	10.98	5.34	3.58	-8.051	0.430	-5.651	-5.270
							MRU106+26T	82	0.44	8.20	2.84	2.50	-8.388	-0.298	-5.988	-5.998
								83	0.49	8.23	2.89	2.53	-8.030	-0.263	-5.630	-5.963
40MHz	0	0	2.10	-7.40	6565	123	SU	--	6.09	15.55	8.19	8.15	-7.997	0.393	-5.897	-7.007
							MRU106+26T	82	0.51	10.02	2.61	2.62	-7.728	0.480	-5.628	-6.920
								84	0.54	10.08	2.64	2.68	-7.615	0.696	-5.515	-6.704
								85	0.50	10.03	2.60	2.63	-7.810	1.284	-5.710	-6.116
					6685	147	SU	--	6.06	15.51	8.16	8.11	-8.176	0.634	-6.076	-6.766
							MRU106+26T	82	0.55	10.05	2.65	2.65	-7.965	0.820	-5.865	-6.580
								84	0.59	10.00	2.69	2.60	-8.317	0.964	-6.217	-6.436
								85	0.53	10.07	2.63	2.67	-8.382	0.775	-6.282	-6.625
					6845	179	SU	--	6.09	15.58	8.19	8.18	-8.172	1.072	-6.072	-6.328
							MRU106+26T	82	0.54	10.08	2.64	2.68	-7.834	1.059	-5.734	-6.341
								84	0.58	10.03	2.68	2.63	-8.015	1.043	-5.915	-6.357
								85	0.57	10.01	2.67	2.61	-8.100	0.897	-6.000	-6.503
								--	--	9.06	18.54	11.16	11.14	-7.815	0.697	-5.715
80MHz	0	0	2.10	-7.40	6545 (Straddle)	119	SU	--	9.06	18.54	11.16	11.14	-7.815	0.697	-5.715	-6.703
							MRU106+26	82	0.67	10.24	2.77	2.84	-8.065	1.282	-5.965	-6.118
								85	0.65	10.18	2.75	2.78	-7.577	1.199	-5.477	-6.201
								89	0.67	10.25	2.77	2.85	-8.074	1.097	-5.974	-6.303
	0	0	2.10	-7.40	6705	151	SU	--	9.08	18.56	11.18	11.16	-8.131	1.018	-6.031	-6.382
							MRU106+26T	82	0.65	9.95	2.75	2.55	-8.122	0.742	-6.022	-6.658
								85	0.66	10.05	2.76	2.65	-8.264	0.932	-6.164	-6.468
								89	0.66	10.03	2.76	2.63	-8.778	1.291	-6.678	-6.109
	0	0	2.40	-5.70	6865 (Straddle)	183	SU	--	8.89	16.88	11.29	11.18	-8.295	-0.414	-5.895	-6.114
							MRU106+26	82	0.25	8.24	2.65	2.54	-9.164	-0.475	-6.764	-6.175
								85	0.22	8.25	2.62	2.55	-9.295	-0.787	-6.895	-6.487
								89	0.23	8.29	2.63	2.59	-9.485	-0.653	-7.085	-6.353
160MHz	0	0	2.10	-7.40	6665	143	SU	--	10.77	18.46	12.87	11.06	-9.263	-2.623	-7.163	-10.023
							MRU106+26T	82	0.66	10.02	2.76	2.62	-8.400	0.653	-6.300	-6.747
								89	0.69	10.08	2.79	2.68	-8.635	0.871	-6.535	-6.529
								S89	0.65	10.00	2.75	2.60	-8.763	1.023	-6.663	-6.377
	0	0	2.40	-5.70	6825 (Straddle)	175	SU	--	10.59	18.08	12.99	12.38	-9.233	-2.735	-6.833	-8.435
							MRU106+26T	82	0.22	8.44	2.62	2.74	-9.405	-0.615	-7.005	-6.315
								89	0.20	8.45	2.60	2.75	-8.874	-0.789	-6.474	-6.489
								S89	0.25	8.35	2.65	2.65	-9.081	-0.630	-6.681	-6.330
							SU	--	10.77	18.46	12.87	11.06	-9.263	-2.623	-7.163	-10.023

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	-0.45	1.60	6535	117	SU	--	0.52	0.55	3.10	-9.835	-11.984	-6.168
							MRU106+26T	82	-1.95	-1.98	0.60	-10.430	-10.624	-5.916
								83	-1.97	-1.94	0.61	-10.320	-10.722	-5.906
					6715	153	SU	--	0.58	0.59	3.15	-10.261	-10.980	-5.995
							MRU106+26T	82	-1.99	-1.93	0.60	-10.362	-10.683	-5.909
								83	-1.92	-2.06	0.57	-10.775	-10.424	-5.986
	0	0	0.02	2.27	6875 (Straddle)	185	SU	--	0.08	0.05	3.10	-10.450	-11.148	-5.505
							MRU106+26T	82	-2.73	-2.61	0.36	-11.261	-10.992	-5.844
								83	-2.70	-2.63	0.37	-11.235	-11.188	-5.931
40MHz	0	0	-0.45	1.60	6565	123	SU	--	3.58	3.57	6.14	-10.540	-11.031	-6.168
							MRU106+26T	82	-1.94	-2.05	0.57	-10.146	-11.146	-6.007
								84	-1.92	-1.95	0.63	-9.995	-11.008	-5.862
								85	-1.95	-2.02	0.58	-10.422	-10.948	-6.067
					6685	147	SU	--	3.55	3.54	6.11	-10.660	-11.197	-6.310
							MRU106+26T	82	-2.00	-1.92	0.60	-10.737	-10.895	-6.205
								84	-1.91	-1.94	0.64	-10.361	-10.948	-6.034
								85	-1.98	-1.98	0.58	-10.905	-10.825	-6.255
					6845	179	SU	--	3.58	3.51	6.11	-10.650	-10.646	-6.038
							MRU106+26T	82	-1.98	-1.95	0.60	-10.580	-10.802	-6.079
								84	-1.91	-1.93	0.64	-9.950	-10.460	-5.587
								85	-1.98	-1.92	0.61	-10.406	-10.487	-5.836
80MHz	0	0	-0.45	1.60	6545 (Straddle)	119	SU	--	6.55	6.52	9.10	-10.202	-11.501	-6.193
							MRU106+26T	82	-1.85	-1.85	0.71	-10.521	-11.483	-6.365
								85	-1.82	-1.93	0.69	-10.123	-11.106	-5.976
								89	-1.88	-1.94	0.65	-10.712	-11.099	-6.291
	0	0	-0.45	1.60	6705	151	SU	--	6.48	6.58	9.09	-10.070	-11.343	-6.050
							MRU106+26T	82	-1.94	-2.03	0.58	-10.941	-11.245	-6.480
								85	-1.93	-2.02	0.59	-10.760	-11.041	-6.288
								89	-1.95	-2.09	0.54	-11.087	-11.123	-6.495
	0	0	0.02	2.27	6865 (Straddle)	183	SU	--	5.97	5.93	8.98	-10.683	-11.187	-5.647
							MRU106+26T	82	-2.61	-2.65	0.40	-11.794	-11.606	-6.419
								85	-2.67	-2.68	0.36	-11.945	-11.479	-6.425
								89	-2.63	-2.61	0.41	-12.073	-11.817	-6.663
160MHz	0	0	-0.45	1.60	6665	143	SU	--	8.25	8.14	10.76	-11.523	-13.161	-7.655
							MRU106+26T	82	-1.87	-1.83	0.71	-10.835	-11.713	-6.642
								89	-1.89	-1.89	0.67	-10.465	-11.230	-6.220
								S89	-1.84	-1.88	0.70	-11.317	-12.221	-7.135
	0	0	0.02	2.27	6825 (Straddle)	175	SU	--	7.62	7.66	10.67	-12.347	-12.989	-7.376
							MRU106+26T	82	-2.69	-2.72	0.33	-11.567	-12.100	-6.545
								89	-2.61	-2.69	0.38	-11.329	-11.95	-6.348
								S89	-2.62	-2.68	0.38	-11.487	-12.211	-6.554

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	-0.45	1.60	6535	117	SU	--	2.51	2.47	5.05	-8.593	-9.407	-6.421
							MRU106+26T	82	0.03	0.08	2.62	-8.233	-8.892	-5.990
								83	0.05	-0.04	2.57	-8.637	-8.677	-6.097
					6715	153	SU	--	2.48	2.59	5.10	-9.152	-9.080	-6.556
							MRU106+26T	82	0.08	0.09	2.65	-8.933	-8.485	-6.143
								83	0.02	0.06	2.60	-8.841	-8.972	-6.346
	0	0	0.02	2.27	6875 (Straddle)	185	SU	--	2.33	2.38	5.39	-8.886	-9.064	-5.944
							MRU106+26T	82	-0.31	-0.38	2.69	-9.427	-9.031	-6.194
								83	-0.35	-0.33	2.69	-9.331	-8.589	-5.914
40MHz	0	0	-0.45	1.60	6565	123	SU	--	5.59	5.58	8.15	-8.782	-9.280	-6.464
							MRU106+26T	82	0.09	-0.05	2.58	-8.955	-9.478	-6.648
								84	0.05	0.04	2.61	-8.901	-9.195	-6.485
								85	0.00	0.05	2.58	-8.678	-9.204	-6.373
					6685	147	SU	--	5.58	5.55	8.13	-9.042	-9.040	-6.481
							MRU106+26T	82	-0.09	0.05	2.54	-8.629	-8.807	-6.157
								84	-0.06	0.05	2.56	-8.650	-8.987	-6.255
								85	0.01	0.01	2.57	-8.838	-9.305	-6.505
					6845	179	SU	--	5.51	5.55	8.09	-8.635	-8.955	-6.232
							MRU106+26T	82	-0.03	0.09	2.59	-9.107	-9.044	-6.515
								84	0.07	0.02	2.61	-8.695	-8.903	-6.237
								85	0.01	0.08	2.61	-8.847	-9.091	-6.407
80MHz	0	0.1	-0.45	1.60	6545 (Straddle)	119	SU	--	8.65	8.69	11.23	-8.425	-8.830	-6.062
							MRU106+26	82	0.28	0.29	2.85	-8.648	-9.783	-6.518
								85	0.21	0.25	2.79	-8.287	-9.358	-6.129
								89	0.22	0.27	2.81	-8.823	-9.388	-6.436
	0	0.1	-0.45	1.60	6705	151	SU	--	8.57	8.52	11.11	-8.739	-9.184	-6.396
							MRU106+26T	82	0.08	0.11	2.66	-8.847	-9.048	-6.286
								85	0.18	0.15	2.73	-8.589	-8.942	-6.102
								89	0.19	0.13	2.72	-9.012	-9.075	-6.383
	0	0.1	0.02	2.27	6865 (Straddle)	183	SU	--	8.24	8.21	11.26	-8.928	-8.838	-5.852
							MRU106+26	82	-0.42	-0.38	2.63	-9.080	-9.447	-6.129
								85	-0.33	-0.31	2.71	-8.852	-9.051	-5.820
								89	-0.41	-0.37	2.64	-9.006	-9.574	-6.150
160MHz	0	0	-0.45	1.60	6665	143	SU	--	10.35	10.32	12.90	-10.308	-10.387	-7.787
							MRU106+26T	82	0.18	0.15	2.73	-9.427	-9.494	-6.900
								89	0.17	0.11	2.70	-9.680	-9.491	-7.024
								S89	0.19	0.14	2.73	-9.255	-9.652	-6.889
	0	0	0.02	2.27	6825 (Straddle)	175	SU	--	9.95	9.97	12.99	-10.568	-10.496	-7.502
							MRU106+26T	82	-0.33	-0.34	2.70	-9.964	-10.045	-6.974
								89	-0.38	-0.31	2.69	-10.146	-9.939	-7.011
								S89	-0.32	-0.36	2.69	-9.861	-9.864	-6.832

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

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)	
								Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
20MHz	0	2.40	-5.70	7115	233	--	--	-6.08	-6.11	-3.68	-11.81	-17.544	-17.554	-15.144	-23.254

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	2.40	-5.70	6895	189	SU	--	2.77	10.90	5.17	5.20	-8.815	-0.591	-6.415	-6.291
							MRU106+26T	82	0.45	8.47	2.85	2.77	-8.712	-0.841	-6.312	-6.541
								83	0.43	8.43	2.83	2.73	-8.733	-0.916	-6.333	-6.616
					6995	209	SU	--	2.79	10.91	5.19	5.21	-8.895	-0.727	-6.495	-6.427
							MRU106+26T	82	0.44	8.49	2.84	2.79	-8.443	-0.935	-6.043	-6.635
								83	0.39	8.44	2.79	2.74	-8.342	-0.712	-5.942	-6.412
			7095	229	SU	--	3.03	10.96	5.43	5.26	-8.595	-0.381	-6.195	-6.081		
					MRU106+26T	82	0.57	8.51	2.97	2.81	-8.753	-0.394	-6.353	-6.094		
						83	0.55	8.50	2.95	2.80	-8.668	-0.328	-6.268	-6.028		
40MHz	0	0	2.40	-5.70	6885 (Straddle)	187	SU	--	5.96	13.87	8.36	8.17	-8.604	-0.711	-6.204	-6.411
							MRU106+26T	82	0.43	8.20	2.83	2.50	-9.029	-1.267	-6.629	-6.967
								84	0.49	8.22	2.89	2.52	-8.575	-0.901	-6.175	-6.601
								85	0.44	8.27	2.84	2.57	-8.771	-1.121	-6.371	-6.821
			6965	203	SU	--	5.69	13.78	8.09	8.08	-8.861	-0.613	-6.461	-6.313		
					MRU106+26T	82	0.33	8.45	2.73	2.75	-8.970	-0.687	-6.570	-6.387		
						84	0.39	8.44	2.79	2.74	-8.800	-0.652	-6.400	-6.352		
						85	0.30	8.38	2.70	2.68	-8.457	-0.711	-6.057	-6.411		
				7085	227	SU	--	5.71	13.98	8.11	8.28	-8.464	-0.192	-6.064	-5.892	
						MRU106+26T	82	0.66	8.54	3.06	2.84	-8.489	-0.448	-6.089	-6.148	
							84	0.61	8.59	3.01	2.89	-8.089	-0.354	-5.689	-6.054	
							85	0.67	8.57	3.07	2.87	-8.832	-0.363	-6.432	-6.063	
80MHz	0	0	2.40	-5.70	6945	199	SU	--	8.85	16.52	11.25	10.82	-8.629	-1.005	-6.229	-6.705
							MRU106+26T	82	0.47	8.54	2.87	2.84	-8.853	-1.050	-6.453	-6.750
								85	0.48	8.51	2.88	2.81	-8.687	-0.805	-6.287	-6.505
								89	0.42	8.58	2.82	2.88	-8.767	-0.863	-6.367	-6.563
			7025	215	SU	--	8.97	16.75	11.37	11.05	-8.465	-0.389	-6.065	-6.089		
					MRU106+26T	82	0.59	8.44	2.99	2.74	-8.885	-0.711	-6.485	-6.411		
						85	0.57	8.47	2.97	2.77	-8.405	-0.708	-6.005	-6.408		
						89	0.52	8.43	2.92	2.73	-8.616	-0.421	-6.216	-6.121		
160MHz	0	0	2.40	-5.70	6985	207	SU	--	10.55	18.11	12.95	12.41	-9.387	-1.255	-6.987	-6.955
							MRU106+26T	82	0.44	8.48	2.84	2.78	-9.111	-1.340	-6.711	-7.040
								89	0.41	8.41	2.81	2.71	-9.083	-1.889	-6.683	-7.589
								S89	0.48	8.48	2.88	2.78	-8.855	-1.724	-6.455	-7.424

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

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)
								Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0	0.02	2.27	7115	233	--	--	-6.53	-6.55	-3.51	-18.297	-17.987	-12.859

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)

9.7.13 802.11be 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	0.02	2.27	6895	189	SU	--	-0.15	-0.17	2.87	-11.820	-11.999	-6.628
							MRU106+26T	82	-2.42	-2.43	0.61	-11.702	-11.638	-6.390
								83	-2.48	-2.41	0.59	-11.869	-11.872	-6.590
					6995	209	SU	--	-0.11	-0.12	2.92	-11.840	-11.994	-6.636
							MRU106+26T	82	-2.44	-2.41	0.61	-11.442	-11.608	-6.244
								83	-2.48	-2.48	0.55	-11.659	-11.677	-6.388
					7095	229	SU	--	0.17	0.15	3.19	-11.391	-11.218	-6.023
							MRU106+26T	82	-2.43	-2.44	0.60	-11.793	-11.528	-6.378
								83	-2.50	-2.47	0.55	-11.506	-11.893	-6.415
40MHz	0	0	0.02	2.27	6885 (Straddle)	187	SU	--	2.95	2.91	5.96	-11.208	-11.418	-6.031
							MRU106+26T	82	-2.65	-2.62	0.40	-11.866	-12.171	-6.736
								84	-2.69	-2.66	0.36	-11.963	-12.015	-6.709
							85	-2.61	-2.63	0.41	-11.810	-12.181	-6.711	
					6965	203	SU	--	2.69	2.73	5.74	-11.556	-11.580	-6.288
							MRU106+26T	82	-2.51	-2.51	0.52	-11.440	-11.622	-6.250
			84	-2.52				-2.59	0.48	-11.556	-11.477	-6.236		
			85	-2.55			-2.51	0.50	-11.755	-11.424	-6.306			
			7085	227	SU	--	2.81	2.88	5.88	-11.008	-11.046	-5.747		
					MRU106+26T	82	-2.39	-2.31	0.68	-11.079	-11.207	-5.862		
84	-2.37	-2.35				0.67	-11.074	-11.027	-5.770					
85	-2.33	-2.38			0.68	-11.179	-11.064	-5.841						
80MHz	0	0	0.02	2.27	6945	199	SU	--	5.61	5.66	8.67	-11.766	-11.800	-6.503
							MRU106+26T	82	-2.48	-2.74	0.42	-12.487	-12.461	-7.194
								85	-2.51	-2.45	0.55	-12.489	-12.322	-7.124
							89	-2.44	-2.54	0.54	-12.185	-12.063	-6.843	
					7025	215	SU	--	5.87	5.88	8.91	-11.267	-11.528	-6.115
							MRU106+26T	82	-2.45	-2.51	0.55	-11.978	-11.753	-6.584
								85	-2.41	-2.45	0.60	-11.777	-11.690	-6.453
							89	-2.49	-2.41	0.58	-11.803	-11.537	-6.388	
160MHz	0	0	0.02	2.27	6985	207	SU	--	7.63	7.58	10.64	-12.340	-12.421	-7.100
							MRU106+26T	82	-2.47	-2.41	0.59	-12.695	-12.339	-7.233
								89	-2.48	-2.51	0.54	-12.682	-12.251	-7.181
							S89	-2.42	-2.44	0.60	-12.248	-12.081	-6.883	

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	0.02	2.27	6895	189	SU	--	2.15	2.11	5.16	-8.880	-9.070	-5.944
							MRU106+26T	82	-0.25	-0.27	2.77	-8.889	-9.032	-5.930
								83	-0.23	-0.31	2.76	-8.718	-9.094	-5.872
					6995	209	SU	--	2.18	2.13	5.19	-8.608	-8.452	-5.499
							MRU106+26T	82	-0.30	-0.22	2.77	-8.886	-8.136	-5.465
								83	-0.25	-0.25	2.78	-9.215	-8.454	-5.788
					7095	229	SU	--	2.33	2.31	5.35	-8.598	-8.669	-5.603
							MRU106+26T	82	-0.15	-0.14	2.89	-9.163	-8.589	-5.836
								83	-0.11	-0.15	2.90	-8.567	-8.489	-5.498
40MHz	0	0	0.02	2.27	6885 (Straddle)	187	SU	--	5.28	5.28	8.31	-8.218	-9.530	-5.794
							MRU106+26T	82	-0.31	-0.40	2.68	-9.163	-9.552	-6.323
								84	-0.35	-0.38	2.67	-8.491	-9.182	-5.792
								85	-0.35	-0.35	2.68	-8.421	-9.326	-5.820
					6965	203	SU	--	5.04	5.09	8.10	-8.338	-9.290	-5.758
							MRU106+26T	82	-0.25	-0.22	2.80	-8.856	-9.162	-5.976
								84	-0.30	-0.25	2.76	-8.166	-8.829	-5.455
			7085	227		SU	85	-0.25	-0.29	2.76	-7.866	-9.063	-5.393	
							--	5.15	5.15	8.18	-9.079	-8.820	-5.917	
						MRU106+26T	82	-0.01	-0.08	2.99	-7.648	-9.005	-5.243	
							84	-0.05	-0.11	2.95	-7.557	-8.720	-5.069	
							85	-0.07	-0.05	2.97	-7.608	-8.721	-5.099	
							80MHz	0	0.1	0.02	2.27	6945	199	SU
MRU106+26T	82	-0.21	-0.13	2.86	-9.797	-9.401								-6.464
	85	-0.15	-0.12	2.90	-9.687	-9.146								-6.278
	89	-0.15	-0.15	2.88	-9.071	-9.227								-6.018
7025	215	SU	--	8.15	8.11	11.16						-9.173	-8.996	-6.053
		MRU106+26T	82	-0.22	-0.27	2.79						-9.632	-9.639	-6.505
			85	-0.25	-0.25	2.78						-9.041	-9.193	-5.986
			89	-0.25	-0.28	2.77						-8.777	-8.960	-5.737
160MHz	0	0	0.02	2.27	6985	207	SU	--	9.96	9.95	12.99	-10.165	-10.398	-7.250
							MRU106+26T	82	-0.12	-0.13	2.91	-9.469	-9.999	-6.696
								89	-0.15	-0.15	2.88	-9.386	-9.339	-6.332
								S89	-0.21	-0.15	2.85	-8.669	-9.480	-6.025

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)