TEST REPORT

Report Number: 15496224-E12V4

Applicant	:	APPLE INC. 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.
Model	:	A3256
Brand	:	APPLE
FCC ID	:	BCG-E8949A
EUT Description	:	SMARTPHONE
Test Standard(s)	:	FCC 47 CFR PART 15 SUBPART E

Date Of Issue:
2025-08-19

Prepared by:
UL Verification Services Inc.
47173 Benicia Street
Fremont, CA 94538 U.S.A.
TEL: (510) 319-4000
FAX: (510) 661-0888

ACCREDITED
CERT #0751.05

REPORT REVISION HISTORY

Rev.	Issue Date	Revisions	Revised By
V1	2025-07-07	Initial Review	---
V2	2025-07-18	Updated report to address TCB questions	Zachary D. Sutton
V3	2025-07-22	Updated Section 10 based on TCB feedback	Gerardo Abrego
V4	2025-08-19	Updated Section 10	F. de Anda

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47173 Benicia Street, Fremont, CA 94538, USA TEL:(510) 319-4000 FAX:(510) 661-0888

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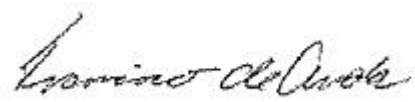
1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE INC. 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.
Model	A3256
Brand	APPLE
FCC ID	BCG-E8949A
EUT Description	SMARTPHONE
Serial Number	FH1X2V50XV (Radiated) C07HC8000910000X9N (Conducted)
Sample Receipt Date	2025-01-16
Date Tested	2025-02-19 to 2025-07-22
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

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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 15
- FCC KDB 414788 D01 Radiated Test Site
- FCC KDB 662911 D01 Multiple Transmitter Output
- FCC KDB 789033 D02 General UNII Test Procedures New Rules
- FCC KDB 987594 D01 General Requirements
- FCC KDB 987594 D02 EMC Measurement

*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			

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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%.

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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

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6. EQUIPMENT UNDER TEST

6.1. EUT DESCRIPTION

The Apple iPhone is a smartphone with cellular GSM, GPRS, EGPRS, WCDMA, LTE, 5GNR1, 5GNR2, 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	☒	☒	☒	☒

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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	9.53	8.97
5965-6405	802.11be EHT40	12.58	18.11
5985-6385	802.11be EHT80	15.36	34.36
6025-6345	802.11be EHT160	18.14	65.16
UNII-5 Band, 2TX			
5955-6415	802.11a mode 20MHz	Covered by EHT20	
5955-6415	802.11be EHT20 CDD	7.30	5.37
5955-6415	802.11be EHT20 SDM	9.33	8.57
5965-6405	802.11be EHT40 CDD	10.29	10.69
5965-6405	802.11be EHT40 SDM	12.38	17.30
5985-6385	802.11be EHT80 CDD	13.49	22.34
5985-6385	802.11be EHT80 SDM	15.28	33.73
6025-6345	802.11be EHT160 CDD	16.32	42.85
6025-6345	802.11be EHT160 SDM	18.13	65.01

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	9.38	8.67
6445 - 6525	802.11be EHT40	12.28	16.90
6465	802.11be EHT80	15.15	32.73
6505	802.11be EHT160, Straddle Channel	18.05	63.83
UNII-6 band, 2TX			
6435 - 6515	802.11a mode 20MHz	Covered by EHT20	
6435 - 6515	802.11be EHT20 CDD	7.07	5.09
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	12.33	17.10
6465	802.11be EHT80 CDD	12.88	19.41
6465	802.11be EHT80 SDM	15.20	33.11
6505	802.11be EHT160 CDD Straddle	15.81	38.11
6505	802.11be EHT160 SDM Straddle	18.14	65.16

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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	9.31	8.53
6565 - 6845	802.11be EHT40	12.19	16.56
6545 - 6865	802.11be EHT80	15.29	33.81
6665 - 6825	802.11be EHT160	17.95	62.37
UNII-7 Band 2TX			
6535 - 6875	802.11a mode 20MHz	Covered by EHT20	
6535-6875	802.11be EHT20 CDD	7.34	5.42
6535-6875	802.11be EHT20 SDM	9.25	8.41
6565-6845	802.11be EHT40 CDD	10.02	10.05
6565-6845	802.11be EHT40 SDM	12.20	16.60
6545-6865	802.11be EHT80 CDD	13.32	21.48
6545-6865	802.11be EHT80 SDM	15.26	33.57
6665-6825	802.11be EHT160 CDD	15.95	39.36
6665-6825	802.11be EHT160 SDM	17.76	59.70

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		0.19	1.04
6895-7095	802.11be EHT20	9.44	8.79
6885-7085	802.11be EHT40	12.32	17.06
6945-7025	802.11be EHT80	15.35	34.28
6985	802.11be EHT160	18.05	63.83
UNII-8 Band 2TX			
6895-7095	802.11a mode 20MHz only	Covered by EHT20 except 7115MHz	
7115		-0.56	0.88
6895-7095	802.11be EHT20 CDD	7.58	5.73
6895-7095	802.11be EHT20 SDM	9.31	8.53
6885-7085	802.11be EHT40 CDD	10.41	10.99
6885-7085	802.11be EHT40 SDM	12.22	16.67
6945-7025	802.11be EHT80 CDD	13.54	22.59
6945-7025	802.11be EHT80 SDM	15.20	33.11
6985	802.11be EHT160 CDD	16.29	42.56
6985	802.11be EHT160 SDM	17.87	61.24

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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	23.05	201.84
5965-6405	802.11be EHT40	23.00	199.53
5985-6385	802.11be EHT80	22.95	197.24
6025-6345	802.11be EHT160	22.51	178.24
UNII-5 Band, 2TX			
5955-6415	802.11be EHT20 CDD	23.39	218.27
5955-6415	802.11be EHT20 SDM	23.36	216.77
5965-6405	802.11be EHT40 CDD	23.35	216.27
5955-6405	802.11be EHT40 SDM	23.32	214.78
5985-6385	802.11be EHT80 CDD	23.37	217.27
5985-6385	802.11be EHT80 SDM	23.36	216.77
6025-6345	802.11be EHT160 CDD	22.85	192.75
6025-6345	802.11be EHT160 SDM	22.85	192.75

UNII-7 BAND (FCC)

UNII-7 Band 1TX			
6535-6855	802.11be EHT20	20.35	108.39
6565-6845	802.11be EHT40	20.38	109.14
6625-6785	802.11be EHT80	20.39	109.40
6665	802.11be EHT160	19.79	95.28
UNII-7 Band 2TX			
6535-6855	802.11be EHT20 CDD	20.92	123.59
6535-6855	802.11be EHT20 SDM	20.88	122.46
6565-6845	802.11be EHT40 CDD	20.88	122.46
6565-6845	802.11be EHT40 SDM	20.88	122.46
6625-6785	802.11be EHT80 CDD	20.90	123.03
6625-6785	802.11be EHT80 SDM	20.88	122.46
6665	802.11be EHT160 CDD	20.40	109.65
6665	802.11be EHT160 SDM	20.37	108.89

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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	5.54	3.58
6125-6405	802.11be EHT40	8.51	7.10
6145-6385	802.11be EHT80	11.39	13.77
6185-6345	802.11be EHT160	12.99	19.91
UNII-5 Band, 2TX			
6115-6415	802.11a mode 20MHz	Covered by EHT20	
6115-6415	802.11be EHT20 CDD	3.36	2.17
6115-6415	802.11be EHT20 SDM	5.41	3.48
6125-6405	802.11be EHT40 CDD	6.29	4.26
6125-6405	802.11be EHT40 SDM	8.35	6.84
6145-6385	802.11be EHT80 CDD	9.50	8.91
6145-6385	802.11be EHT80 SDM	11.25	13.34
6185-6345	802.11be EHT160 CDD	10.92	12.36
6185-6345	802.11be EHT160 SDM	12.92	19.59

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	8.30	6.76
6465	802.11be EHT80	11.19	13.15
6505	802.11be EHT160, Straddle Channel	12.91	19.54
UNII-6 band, 2TX			
6435 - 6515	802.11a mode 20MHz	Covered by EHT20	
6435 - 6515	802.11be EHT20 CDD	3.12	2.05
6435 - 6515	802.11be EHT20 SDM	5.27	3.37
6445 - 6525	802.11be EHT40 CDD	6.08	4.06
6445 - 6525	802.11be EHT40 SDM	8.38	6.89
6465	802.11be EHT80 CDD	8.89	7.74
6465	802.11be EHT80 SDM	11.22	13.24
6505	802.11be EHT160 CDD Straddle	10.77	11.94
6505	802.11be EHT160 SDM Straddle	12.90	19.50

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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	5.28	3.37
6565-6845	802.11be EHT40	8.18	6.58
6545-6865	802.11be EHT80	11.26	13.37
6665-6825	802.11be EHT160	12.97	19.82
UNII-7 Band 2TX			
6535-6875	802.11a mode 20MHz	Covered by EHT20	
6535-6875	802.11be EHT20 CDD	3.34	2.16
6535-6875	802.11be EHT20 SDM	5.26	3.36
6565-6845	802.11be EHT40 CDD	5.99	3.97
6565-6845	802.11be EHT40 SDM	8.20	6.61
6545-6865	802.11be EHT80 CDD	9.29	8.49
6545-6865	802.11be EHT80 SDM	11.23	13.27
6665-6825	802.11be EHT160 CDD	10.97	12.50
6665-6825	802.11be EHT160 SDM	12.90	19.50

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		0.19	1.04
6895-7095	802.11be EHT20	5.45	3.51
6885-7085	802.11be EHT40	9.38	8.67
6945-7025	802.11be EHT80	11.38	13.74
6985	802.11be EHT160	12.94	19.68
UNII-8 Band 2TX			
6895-7095	802.11a mode 20MHz	Covered by EHT20 except 7115MHz	
7115		-0.58	0.87
6895-7095	802.11be EHT20 CDD	3.70	2.34
6895-7095	802.11be EHT20 DM	5.26	3.36
6885-7085	802.11be EHT40 CDD	6.52	4.49
6885-7085	802.11be EHT40 SDM	8.24	6.67
6945-7025	802.11be EHT80 CDD	9.54	8.99
6945-7025	802.11be EHT80 SDM	11.22	13.24
6985	802.11be EHT160 CDD	11.22	13.24
6985	802.11be EHT160 SDM	12.93	19.63

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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)	3.50	-4.90	1.08	3.29
	Sub-band 2 (6115 - 6255)	4.10	-6.60	1.44	3.31
	Sub-band 3 (6275 - 6415)	2.20	-6.80	-0.30	1.83
6425 - 6525 UNII-6	N/A, 6435	1.50	-6.50	-0.87	1.40
UNII-6/7 (Straddle Channel)	N/A	1.90	-6.50	-0.52	1.69
6525 - 6875 UNII-7	6855, 6555	1.90	-7.00	-0.58	1.55
UNII-7/8 (Straddle Channel)	N/A	3.70	-7.00	1.04	2.91
6875 - 7125 UNII-8	N/A, 7115	3.70	-8.20	0.96	2.66

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 Luck23A256.

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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 the highest of the LP, SP and VLP power levels. 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.

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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						X		X								
	52 + 26	70 ~ 81	70, 71, 72																
	106	53 ~ 54	53 ~ 54										X		X		X		X
	106 + 26	82 ~ 89	82, 83		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						X		X								
	52 + 26	70 ~ 81	70, 72, 72, 73, 74, 75																
	106	53 ~ 56	53 ~ 56		X		X										X		X
	106 + 26	82 ~ 89	82, 83, 84, 85																
	242	61 ~ 61	61 ~ 62										X		X				
	484	65	65																
	SU	--	--	X		X		X		X		X		X		X		X	
80	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																
	242	61 ~ 64	61 ~ 64																
	484	65 ~ 66	65 ~ 66		X		X		X		X		X		X				
	484 + 242	90, 91, 92, 93	90, 91, 92, 93														X		X
	996	67	67																
	SU	--	--	X		X		X		X		X		X		X		X	
160	26	0 ~ S36	0 ~ S36																
	52	37 ~ S52	37 ~ S52		X		X				X		X		X				
	52 + 26	70 ~ S81	sb0: 71,72,73,74,77,78,79,80 sb1: 71,72,73,74,77,78,79,80																
	106	53 ~ S60	53 ~ S60																
	106 + 26	82 ~ 89	82, 85, 86, 89																
	242	61 ~ S64	61 ~ S64																
	484	65 ~ S66	65 ~ S66						X										
	484 + 242	sb0: 90, 91, 92, 93 sb1: 90, 91, 92, 93	sb0: 90, 91, 92, 93 sb1: 90, 91, 92, 93														X		X
	996	67 ~ S67	67 ~ S67																
	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,	sb0: 96, 97, 98, 99 sb1: 96, 97, 98, 99																
	996x2	S68	S68																
	SU	--	--	X		X		X		X		X		X		X		X	

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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		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												
	242	61 ~ 61	61 ~ 62												
	484	65	65												
	SU	--	--	X		X		X		X		X		X	
80	26	0 ~ 36	0 ~ 36		X		X		X		X		X		X
	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												
	242	61 ~ 64	61 ~ 64					X		X					
	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 ~ S36	0 ~ S36		X				X				X		X
	52	37 ~ S52	37 ~ S52				X				X				
	52 + 26	70 ~ S81	sb0: 71,72,73,74,77,78,79,80 sb1: 71,72,73,74,77,78,79,80												
	106	53 ~ S60	53 ~ S60												
	106 + 26	82 ~ 89	82, 85, 86, 89												
	242	61 ~ S64	61 ~ S64					X		X					
	484	65 ~ S66	65 ~ S66												
	484 + 242	sb0: 90, 91, 92, 93 sb1: 90, 91, 92, 93	sb0: 90, 91, 92, 93 sb1: 90, 91, 92, 93												
	996	67 ~ S67	67 ~ S67												
	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	S68	S68												
	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.

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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																
	106 + 26	82 ~ 89	82, 83		X		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, 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																
	SU	--	--	X		X		X		X		X		X		X		X	
80	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																
	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	
160	26	0 ~ S36	0 ~ S36																
	52	37 ~ S52	37 ~ S52		X		X		X		X		X		X		X		X
	52 + 26	70 ~ S81	sb0: 71,72,73,74,77,78,79,																
	106	53 ~ S60	53 ~ S60																
	106 + 26	82 ~ 89	82, 85, 86, 89																
	242	61 ~ S64	61 ~ S64																
	484	65 ~ S66	65 ~ S66																
	484 + 242	sb0: 90, 91, 92, 93 sb1: 90, 91, 92, 93	sb0: 90, 91, 92, 93 sb1: 90, 91, 92, 93																
	996	67 ~ S67	67 ~ S67																
	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	S68	S68																
	SU	--	--	X		X		X		X		X		X		X		X	

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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-CRBNED_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 stablish a peer-to-peer link.

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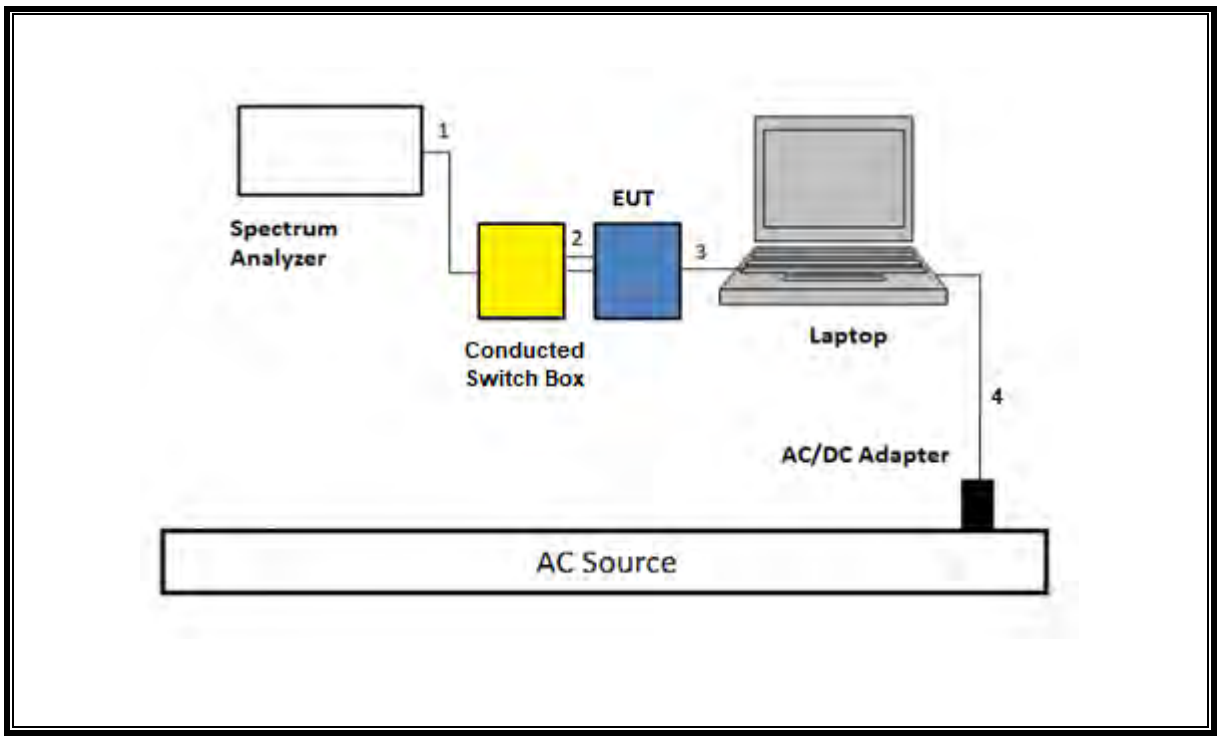
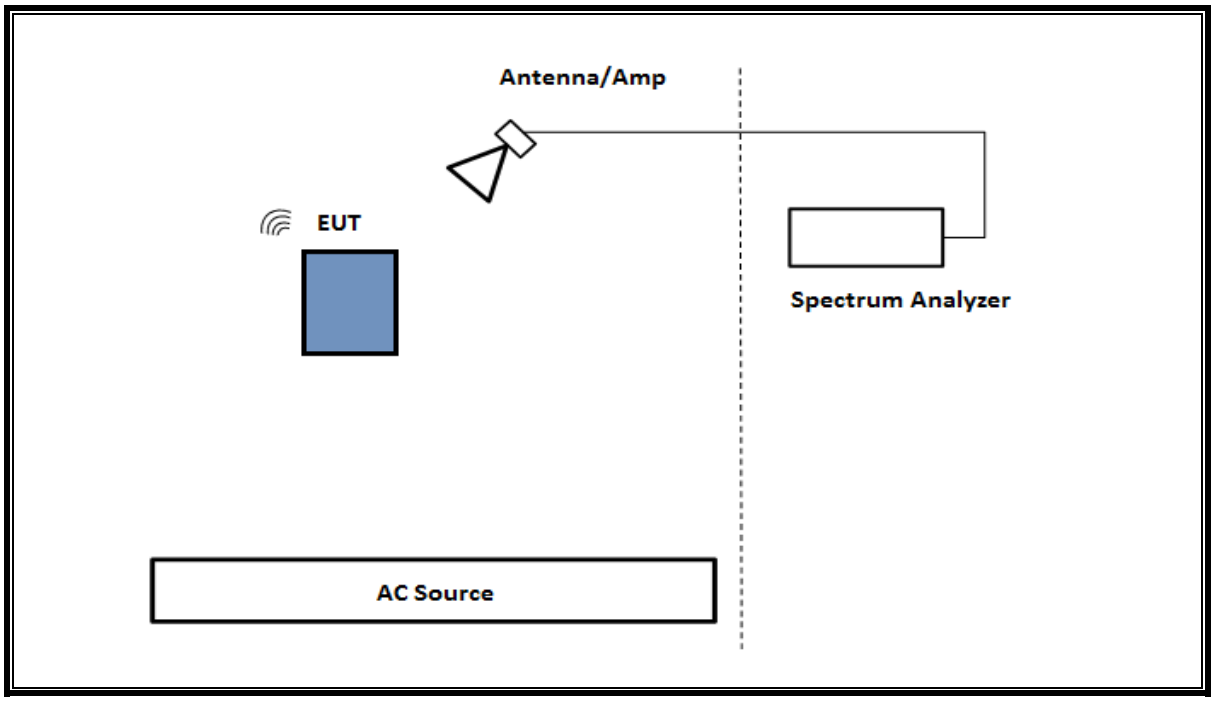
SETUP DIAGRAM FOR CONDUCTED TESTS



SETUP DIAGRAM FOR RADIATED TESTS Above 1 GHz



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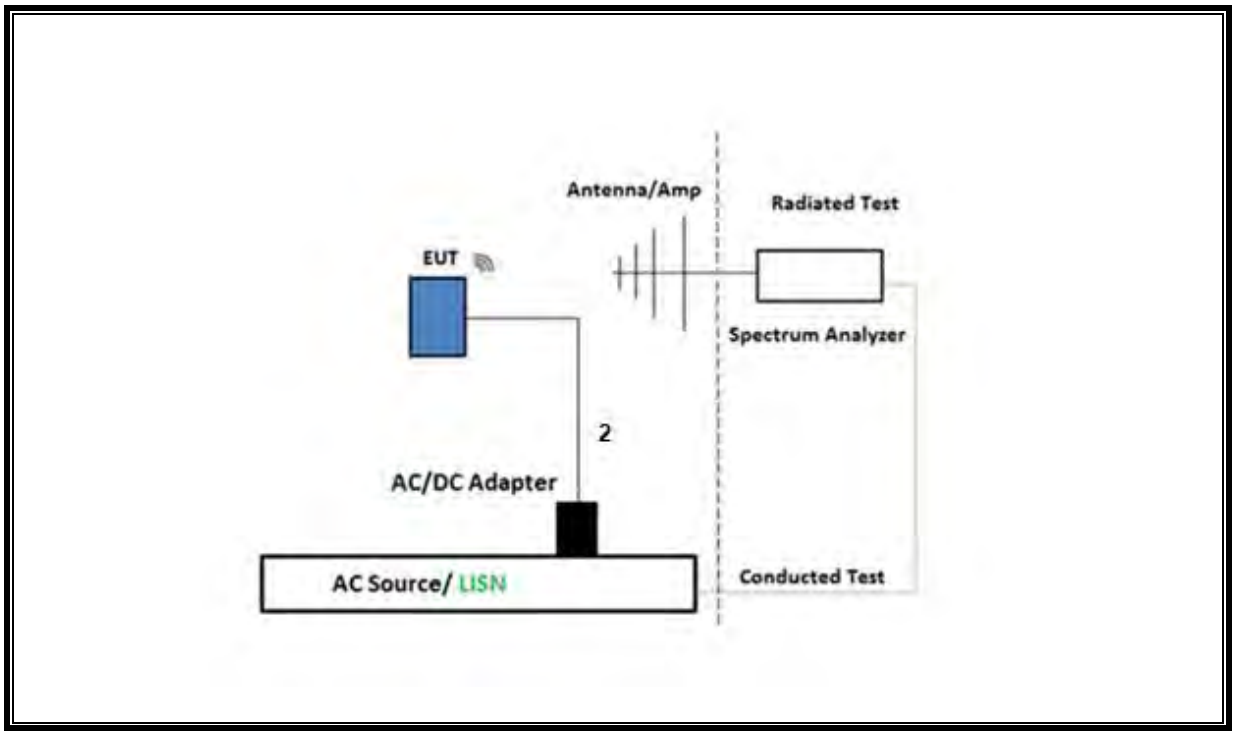
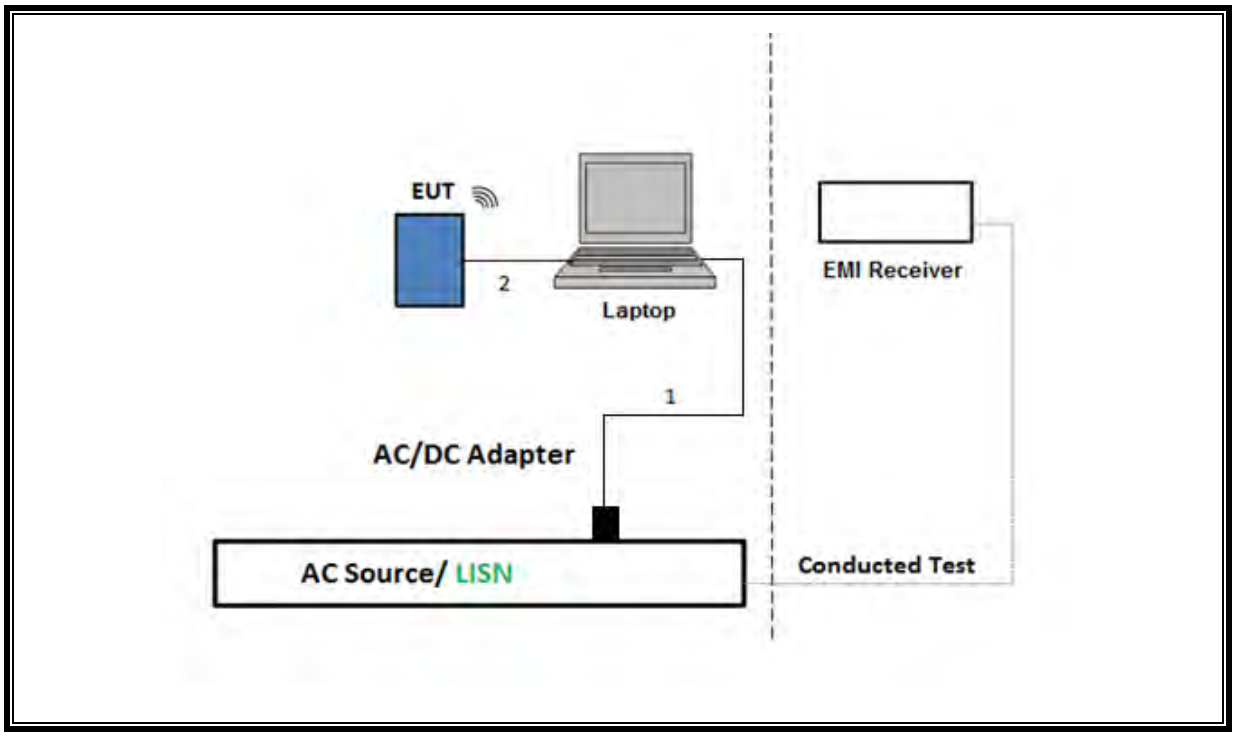
SETUP DIAGRAM FOR Below 1GHz and AC LINE CONDUCTED TEST



TEST SETUP- AC LINE CONDUCTED: LAPTOP CONFIGURATION



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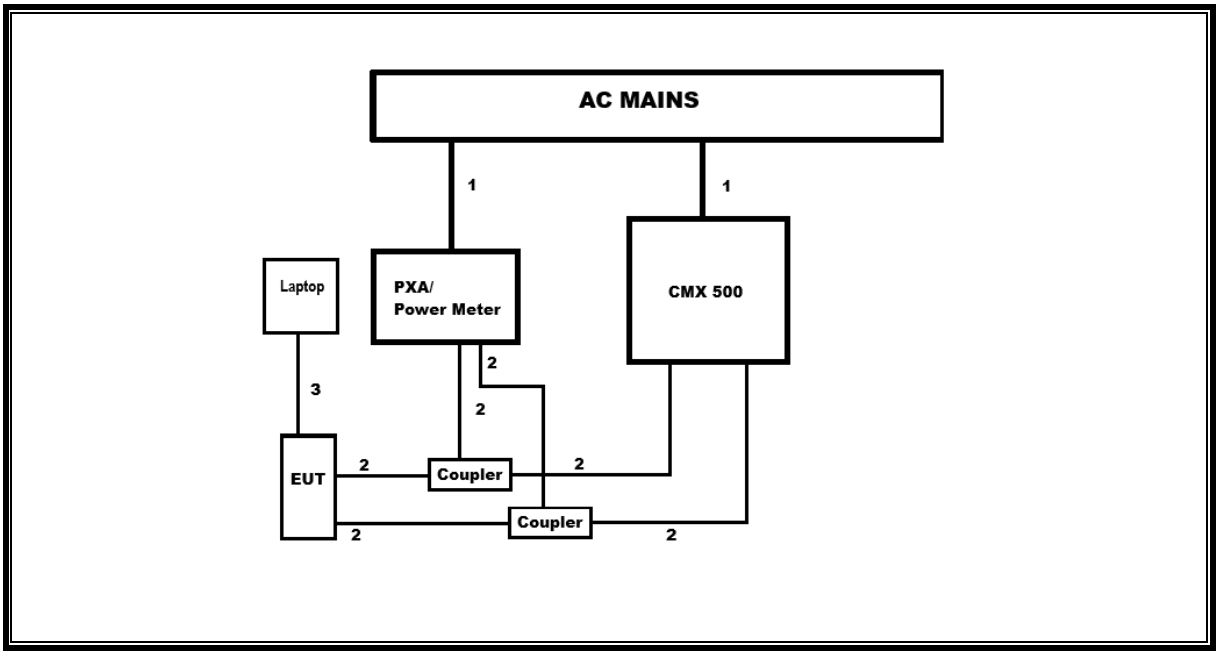
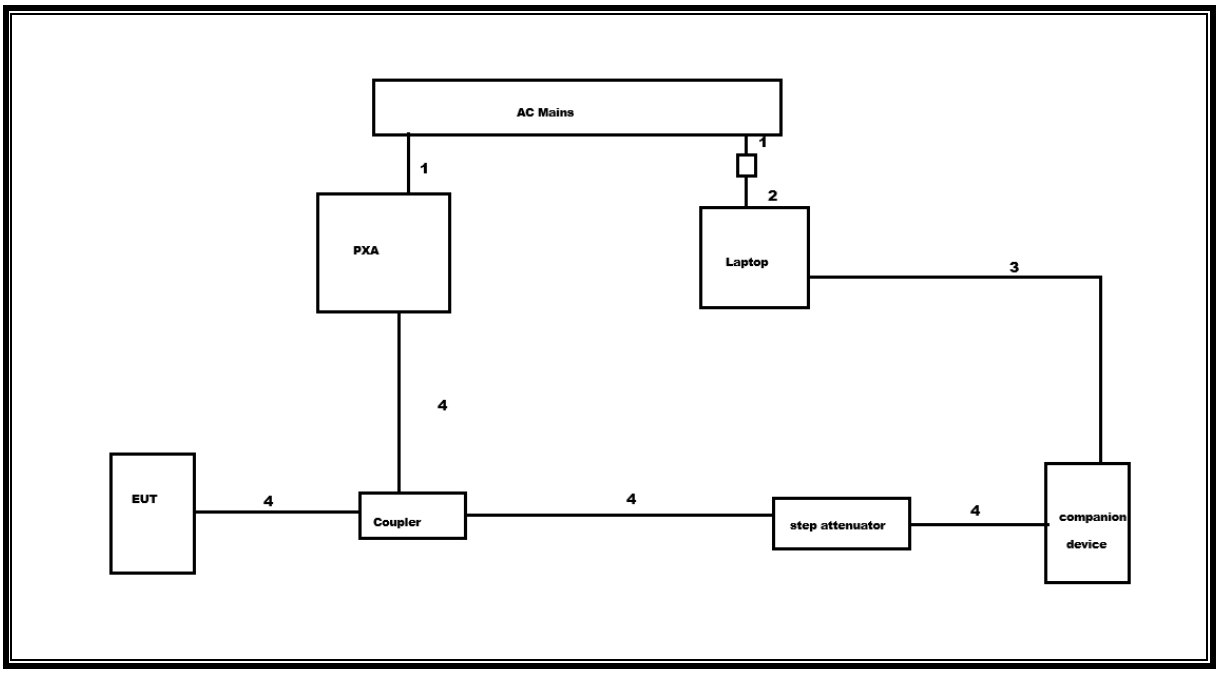
DUAL CLIENT TEST/ CLIENT DEVICE - POWER ADJUSTMENT



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

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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	84796	2026-10-31
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	2025-05-31
EMI Test Receiver	Rohde & Schwarz	ESW44	235670	2026-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	41112	2026-10-31
RF Filter Box, 1-18GHz	UL-FR1	Rats	243707	2026-04-30
EMI Test Receiver	Rohde & Schwarz	ESW44	169927	2026-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	222741	2026-09-30
RF Filter Box, 1-18GHz	UL-FR1	Frankenstein	217521	2025-08-31
EMI Test Receiver	Rohde & Schwarz	ESW44	223461	2026-02-16
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	230299	2027-02-28
RF Filter Box, 1-18GHz	UL-FR1	Rats 2.0	226780	2026-05-31
EMI Test Receiver	Rohde & Schwarz	ESW44	226079	2026-02-28
Antenna, Broadband Hybrid 30 MHz -3 GHz	Sunol Sciences Corp.	JB3	80714	2026-11-30
Link File, @3m, 9kHz-1000MHz Hybrid Path Loss	UL-FR1	Port 0 Factors	230920	2026-05-31
Antenna, Horn 18-26.5GHz	A.R.A	MWH-1826/B	172354	2027-05-31
Link File, RF Amplifier Assembly, 18-26.5GHz, 60dB Gain	Amplical	AMP18G26.5-60	*221832	2025-03-31
Antenna, Horn 26.5-40GHz	A.R.A	MWH-2640/B	172367	2026-07-31
Link File, RF Amplifier Assembly, 26 - 40GHz, 60dB Gain	Amplical	AMP26G40-60	220537	2025-07-31
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	*81887	2025-03-31
RF Filter Box, 1-18GHz	UL-FR1	Rats 2.0	225575	2025-11-30

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EMI Test Receiver	Rohde & Schwarz	ESW44	201498	2026-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	200785	2026-12-31
RF Filter Box, 1-18GHz	UL-FR1	Frankenstein	235088	2026-04-30
EMI Test Receiver	Rohde & Schwarz	ESW44	201500	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	*80403	2025-06-30
RF Filter Box, 1-18GHz	UL-FR1	Rats2	236726	2025-10-31
EMI Test Receiver	Rohde & Schwarz	ESW44	223460	2026-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	206806	2027-03-31
RF Filter Box, 1-18GHz	UL-FR1	NA	173233	2026-04-29
EMI Test Receiver	Rohde & Schwarz	ESW44	235266	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	v2025.6.0	
Conducted Software	UL	Station Tool	v2025.5.3	
Conducted Software	UL	Station Tool	v2025.4.8	
Conducted Software	UL	Station Tool	v2025.4.1	
Conducted Software	UL	Station Tool	v2025.3.0	
Conducted Software	UL	Station Tool	v2025.2.0	
Conducted Software	UL	Station Tool	v2025.1.0	

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

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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	0.8353	0.8602	0.9711	97.11	0.13	1.197
		MCS11	0.1213	0.1471	0.8246	82.46	0.84	8.244
	26T	MCS0	2.0270	2.0670	0.9806	98.06	0.00	0.010
		MCS11	2.0280	2.0660	0.9816	98.16	0.00	0.010
	52T	MCS0	2.0270	2.0670	0.9806	98.06	0.00	0.010
		MCS11	2.0250	2.0650	0.9806	98.06	0.00	0.010
	106T	MCS0	2.0280	2.0720	0.9788	97.88	0.09	0.493
		MCS11	2.0280	2.0730	0.9783	97.83	0.10	0.493
	MRU106+26T	MCS0	2.0280	2.0730	0.9783	97.83	0.10	0.493
		MCS11	2.0280	2.0650	0.9821	98.21	0.00	0.010
EHT40	SU	MCS0	0.4566	0.4819	0.9475	94.75	0.23	2.190
		MCS11	0.1007	0.1258	0.8005	80.05	0.97	9.930
	26T	MCS0	2.0270	2.0650	0.9816	98.16	0.00	0.010
		MCS11	2.0260	2.0730	0.9773	97.73	0.10	0.494
	52T	MCS0	2.0280	2.0730	0.9783	97.83	0.10	0.493
		MCS11	2.0260	2.0650	0.9811	98.11	0.00	0.010
	106T	MCS0	2.0280	2.0650	0.9821	98.21	0.00	0.010
		MCS11	2.0280	2.0650	0.9821	98.21	0.00	0.010
	242T	MCS0	2.0270	2.0650	0.9816	98.16	0.00	0.010
		MCS11	2.0280	2.0650	0.9821	98.21	0.00	0.010
	MRU106+26T	MCS0	2.0270	2.0650	0.9816	98.16	0.00	0.010
		MCS11	2.0280	2.0650	0.9821	98.21	0.00	0.010
EHT80	SU	MCS0	0.2587	0.2843	0.9100	91.00	0.41	3.865
		MCS11	0.0907	0.1160	0.7819	78.19	1.07	11.025
	26T	MCS0	2.0250	2.0670	0.9797	97.97	0.09	0.494
		MCS11	2.0250	2.0670	0.9797	97.97	0.09	0.494
	242T	MCS0	2.0300	2.0660	0.9826	98.26	0.00	0.010
		MCS11	2.0180	2.0660	0.9768	97.68	0.10	0.496
	484T	MCS0	2.0240	2.0640	0.9806	98.06	0.00	0.010
		MCS11	2.0080	2.0720	0.9691	96.91	0.14	0.498
	MRU106+26T	MCS0	2.0300	2.0720	0.9797	97.97	0.09	0.493
		MCS11	2.0600	2.1140	0.9745	97.45	0.11	0.485
	MRU484+242T	MCS0	2.0320	2.0720	0.9807	98.07	0.00	0.010
		MCS11	2.0320	2.0720	0.9807	98.07	0.00	0.010
EHT160	SU	MCS0	0.1688	0.1942	0.8692	86.92	0.61	5.924
		MCS11	0.0824	0.1075	0.7661	76.61	1.16	12.142
	26T	MCS0	2.0240	2.0640	0.9806	98.06	0.00	0.010
		MCS11	2.0320	2.0720	0.9807	98.07	0.00	0.010
	52T	MCS0	2.0320	2.0720	0.9807	98.07	0.00	0.010
		MCS11	2.0260	2.0650	0.9811	98.11	0.00	0.010
	242T	MCS0	2.0280	2.0650	0.9821	98.21	0.00	0.010
		MCS11	2.0290	2.0650	0.9826	98.26	0.00	0.010
	484T	MCS0	2.0320	2.0640	0.9845	98.45	0.00	0.010
		MCS11	2.0240	2.0640	0.9806	98.06	0.00	0.010
	MRU484+242T	MCS0	2.0250	2.0650	0.9806	98.06	0.00	0.010
		MCS11	2.0300	2.0650	0.9831	98.31	0.00	0.010

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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	0.8353	0.8602	0.9711	97.11	0.13	1.197
	26T	MCS0	2.0250	2.0650	0.9806	98.06	0.00	0.010
	52T	MCS0	2.0250	2.0750	0.9759	97.59	0.11	0.494
	106T	MCS0	2.0250	2.0700	0.9783	97.83	0.10	0.494
	MRU106+26T	MCS0	2.0300	2.0650	0.9831	98.31	0.00	0.010
EHT40 SDM	SU	MCS0	0.4562	0.4815	0.9475	94.75	0.23	2.192
	26T	MCS0	2.0300	2.0700	0.9807	98.07	0.00	0.010
	52T	MCS0	2.0200	2.0650	0.9782	97.82	0.10	0.495
	106T	MCS0	2.0250	2.0700	0.9783	97.83	0.10	0.494
	242T	MCS0	2.0250	2.0650	0.9806	98.06	0.00	0.010
	MRU106+26T	MCS0	2.0200	2.0650	0.9782	97.82	0.10	0.495
EHT80 SDM	SU	MCS0	0.2588	0.2841	0.9109	91.09	0.41	3.864
	26T	MCS0	2.0250	2.0750	0.9759	97.59	0.11	0.494
	242T	MCS0	2.0300	2.0650	0.9831	98.31	0.00	0.010
	484T	MCS0	2.0250	2.0750	0.9759	97.59	0.11	0.494
	MRU106+26T	MCS0	2.0300	2.0650	0.9831	98.31	0.00	0.010
	MRU484+242T	MCS0	2.0250	2.0650	0.9806	98.06	0.00	0.010
EHT160 SDM	SU	MCS0	0.1689	0.1939	0.8711	87.11	0.60	5.921
	26T	MCS0	2.0250	2.0700	0.9783	97.83	0.10	0.494
	52T	MCS0	2.0300	2.0650	0.9831	98.31	0.00	0.010
	242T	MCS0	2.0250	2.0650	0.9806	98.06	0.00	0.010
	MRU484+242T	MCS0	2.0300	2.0650	0.9831	98.31	0.00	0.010

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

DUTY CYCLE 802.11be SDM EHT20 SU, MCS0

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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 52T: 300kHz/910kHz 106T: 300kHz/910kHz	52T: 510kHz/1.6MHz 106T: 510kHz/1.6MHz 242T: 510kHz/1.6MHz	484T: 820kHz/2.7MHz MRU484+242T: 1MHz/3MHz	52T: 510kHz/1.6MHz (UNII-5/-7) 52T: 820kHz/2.7MHz (UINI-6) 484T: 820kHz/2.7MHz MRU484+242T: 1MHz/3MHz
	SU	300kHz/910kHz	510kHz/1.6MHz	1MHz/3MHz	2MHz/6MHz

*Different RBW/VBW due to different partial tones.

RESULTS

ID:	BY 32480	Date:	2025-02-19 to 2025-06-27

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.

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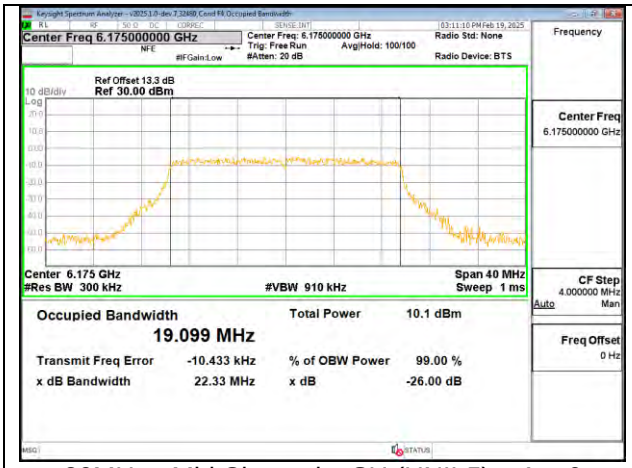
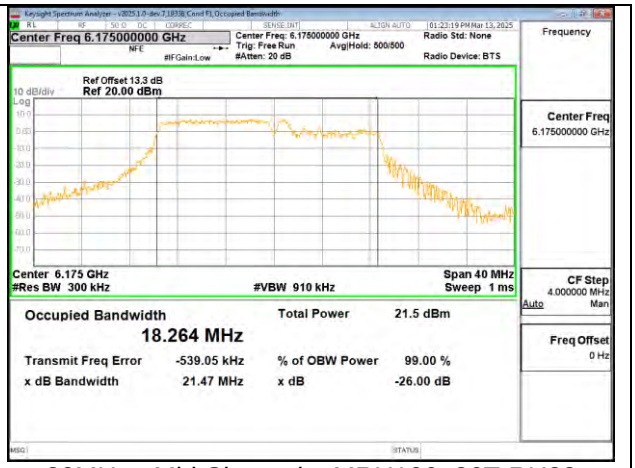
9.2.1. 802.11be SISO MODE IN THE UNII-5 BAND

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	--	21.91	22.60	18.961	19.019
			MRU106+26T	82	21.58	20.70	18.199	18.096
				83	21.36	20.59	18.105	18.067
	6175	45	SU	--	22.33	22.01	19.099	18.994
			MRU106+26T	82	21.47	20.78	18.264	18.128
				83	21.23	20.56	18.078	18.016
	6415	93	SU	--	22.51	22.24	19.045	19.007
			MRU106+26T	82	21.71	20.90	18.190	18.090
				83	20.86	20.58	18.030	17.999
40 MHz	5965	3	SU	--	43.23	42.88	37.979	37.967
			106T	53	21.39	21.48	18.003	17.944
				--	--	--	--	--
				56	20.88	21.21	17.890	17.951
	6165	43	SU	--	42.58	43.01	37.981	37.987
			106T	53	21.66	20.89	18.131	17.982
				54	21.50	20.90	18.609	18.459
				56	20.94	20.58	17.950	17.994
	6405	91	SU	--	44.19	42.92	38.032	37.901
			106T	53	22.83	21.05	17.968	17.926
				--	--	--	--	--
				56	21.85	20.45	17.964	17.773
80MHz	5985	7	SU	--	83.86	84.35	77.689	77.432
			484T	65	44.14	44.17	38.406	38.416
				66	45.42	44.99	38.374	38.512
	6145	39	SU	--	84.44	83.47	77.530	77.481
			484T	65	45.84	44.90	38.487	38.343
				66	43.97	44.32	38.357	38.248
	6385	87	SU	--	84.90	83.27	77.422	77.404
			484T	65	45.13	44.77	38.471	38.361
				66	44.89	43.76	38.355	38.296
160MHz	6025	15	SU	--	163.90	163.20	156.070	155.980
			52T	37	23.20	21.62	19.259	18.612
				--	--	--	--	--
				S52	21.88	21.42	18.710	18.478
	6185	47	SU	--	163.90	163.40	156.420	156.080
			52T	37	22.49	21.82	18.813	18.730
				52	21.57	21.27	18.780	18.651
				S52	21.22	21.63	18.610	18.759
	6345	79	SU	--	164.10	163.70	156.360	156.650
			52T	37	23.00	21.91	18.995	18.638
				--	--	--	--	--
				S52	21.810	21.770	18.80	18.58



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



20MHz - 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	--	22.45	22.50	19.041	19.012
			MRU106+26T	82	22.14	20.84	18.188	18.110
				83	20.94	20.59	18.022	17.996
	6175	45	SU	--	21.94	22.34	19.020	19.987
			MRU106+26T	82	21.49	20.68	18.204	18.082
				83	21.18	20.59	18.085	18.110
	6415	93	SU	--	22.59	21.65	18.985	19.979
			MRU106+26T	82	21.76	20.66	18.157	18.094
				83	21.37	20.55	18.457	18.060
40 MHz	5965	3	SU	--	43.32	42.69	37.988	38.066
			106T	53	21.53	21.92	17.996	17.922
				--	--	--	--	--
				56	20.78	20.66	17.806	17.893
	6165	43	SU	--	43.18	42.87	37.963	37.940
			106T	53	22.12	21.20	17.960	17.878
				54	21.55	21.43	18.699	18.345
				56	21.09	20.78	17.933	18.049
	6405	91	SU	--	44.04	42.44	38.051	38.136
			106T	53	21.21	20.85	18.024	17.873
				--	--	--	--	--
				56	21.07	21.24	18.062	17.936
80MHz	5985	7	SU	--	83.83	83.14	77.313	77.367
			484T	65	45.01	44.11	38.486	38.373
				66	44.95	45.00	38.524	38.315
	6145	39	SU	--	84.35	83.03	77.533	77.540
			484T	65	45.04	45.15	38.381	38.347
				66	45.11	44.14	38.297	38.263
	6385	87	SU	--	84.78	83.47	77.403	77.337
			484T	65	44.50	44.01	38.441	38.347
				66	45.24	44.40	38.458	38.266
160MHz	6025	15	SU	--	164.10	163.80	155.840	156.000
			52T	37	22.00	21.70	18.750	18.931
				--	--	--	--	--
				S52	21.67	21.41	18.946	18.460
	6185	47	SU	--	163.90	164.00	156.250	155.990
			52T	37	22.51	21.65	18.887	18.729
				52	22.32	21.33	18.904	18.625
				S52	21.55	21.85	18.650	18.774
	6345	79	SU	--	163.50	163.70	156.070	156.200
			52T	37	22.26	21.49	18.502	18.477
				--	--	--	--	--
				S52	21.97	21.74	18.808	18.986

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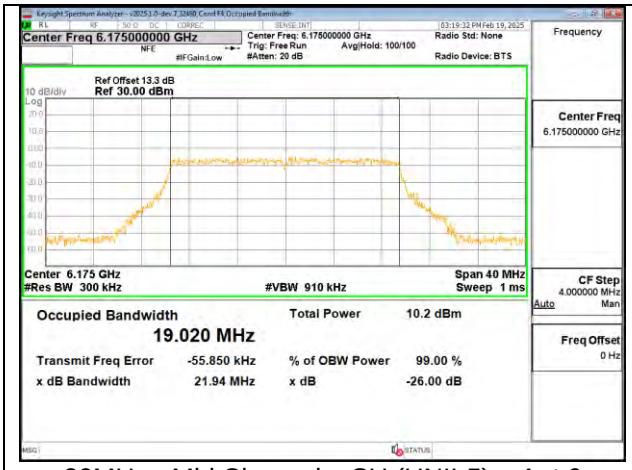
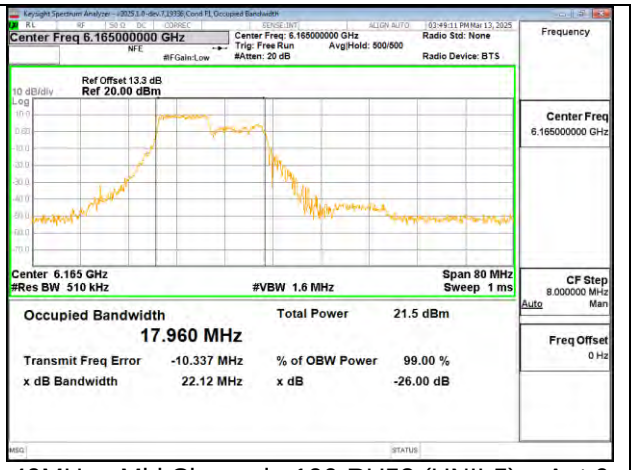
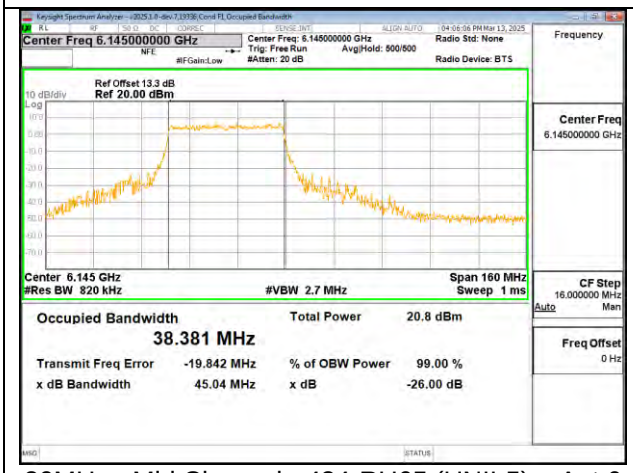


20MHz - Mid Channel – SU (UNII-5) – Ant 6



40MHz - Mid Channel - 106-RU53 (UNII-5) – Ant 6



80MHz - Mid Channel - 484-RU65 (UNII-5) – Ant 6

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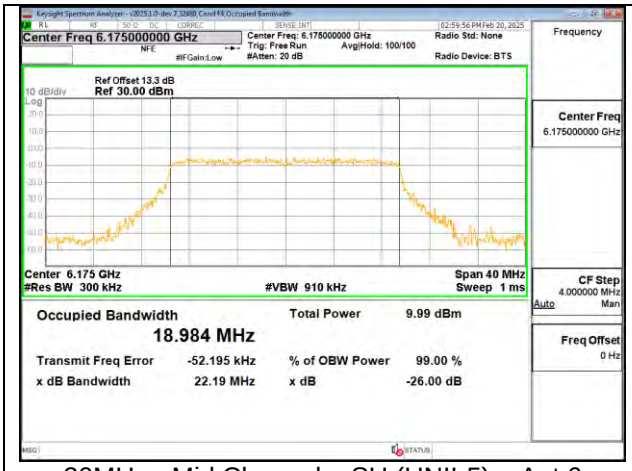
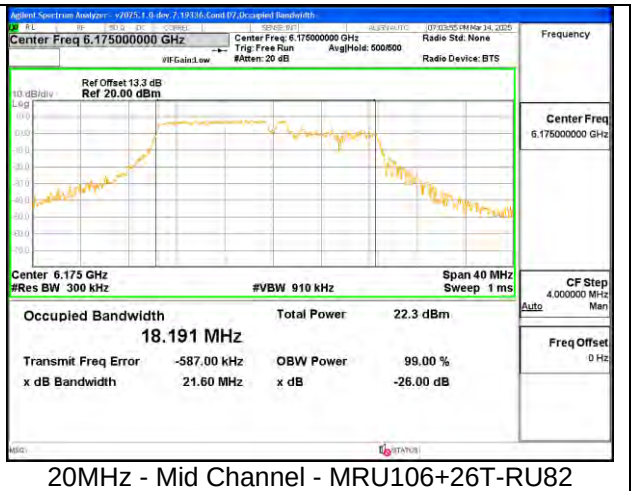
9.2.3. 802.11be MIMO SDM MODE IN THE UNII-5 BAND

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	--	22.91	21.70	19.001	19.032
			MRU106+26T	82	21.56	20.62	18.193	18.129
				83	21.33	20.66	18.130	18.029
	6175	45	SU	--	22.19	22.21	18.984	18.996
			MRU106+26T	82	21.60	20.93	18.191	18.090
				83	20.55	20.31	18.133	18.075
	6415	93	SU	--	21.92	22.38	18.983	19.023
			MRU106+26T	82	21.75	20.91	18.170	18.016
				83	21.40	20.47	18.128	18.015
40 MHz	5965	3	SU	--	44.64	43.07	37.941	37.969
			106T	53	21.94	21.34	18.044	18.019
				--	--	--	--	--
				56	21.35	20.67	18.121	17.973
	6165	43	SU	--	43.35	44.07	37.983	37.971
			106T	53	22.11	20.40	18.064	17.886
				54	21.77	21.19	18.577	18.598
				56	21.32	20.96	18.093	17.803
	6405	91	SU	--	43.46	43.07	38.010	38.107
			106T	53	21.85	20.51	18.050	17.885
				--	--	--	--	--
				56	21.42	20.40	18.083	17.986
80MHz	5985	7	SU	--	85.48	83.48	77.578	77.407
			484T	65	45.12	44.41	38.430	38.434
				66	44.97	44.19	38.343	38.293
	6145	39	SU	--	84.39	84.28	77.631	77.473
			484T	65	45.06	44.82	38.390	38.298
				66	44.67	44.39	38.316	38.275
	6385	87	SU	--	84.12	83.61	77.528	77.523
			484T	65	45.58	45.60	38.448	38.274
				66	45.69	44.44	38.340	38.314
160MHz	6025	15	SU	--	163.60	162.60	156.150	155.850
			52T	37	22.34	22.44	19.062	18.812
				--	--	--	--	--
				S52	22.06	21.82	18.763	18.682
	6185	47	SU	--	163.70	163.50	156.190	156.060
			52T	37	22.56	21.09	18.937	17.933
				52	21.59	21.54	18.842	18.879
				S52	21.79	21.57	18.769	18.924
	6345	79	SU	--	164.50	163.80	156.250	156.170
			52T	37	22.55	21.53	19.017	18.761
				--	--	--	--	--
				S52	21.72	21.37	18.913	18.752



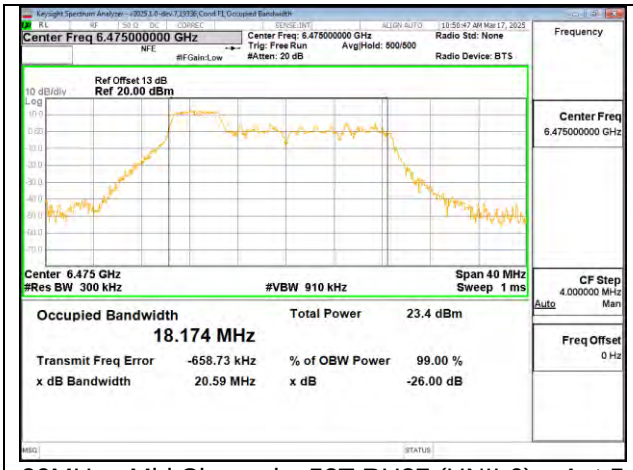
20MHz - Mid Channel – SU (UNII-5) – Ant 6



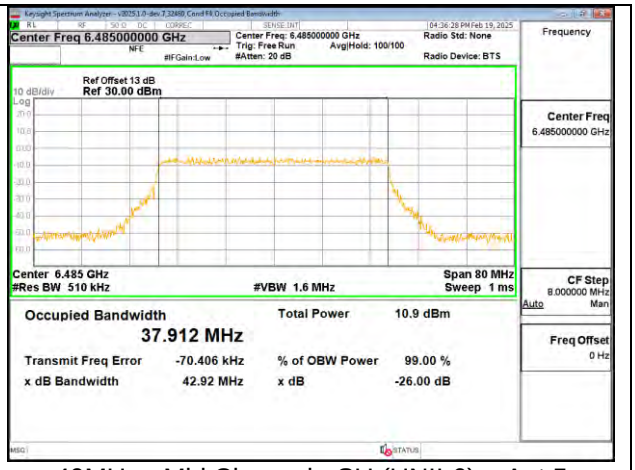
20MHz - Mid Channel - MRU106+26T-RU82 (UNII-5) – Ant 6

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

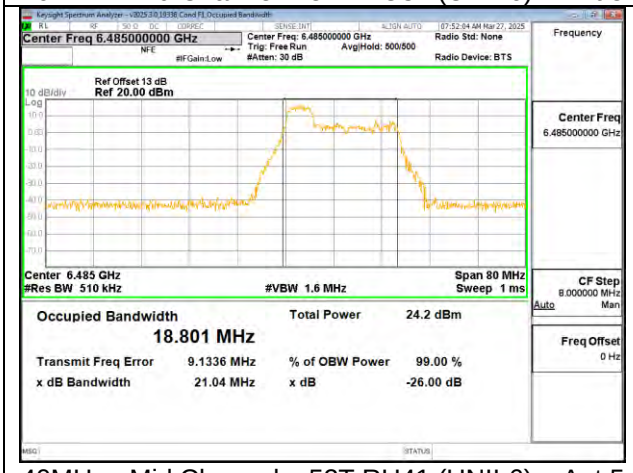
UNII-6 (SISO)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20MHz	6435	97	SU	--	22.82	21.76	18.984	19.013
			52T	37	20.87	20.48	18.370	18.204
				--	--	--	--	--
				40	20.65	20.60	18.152	18.289
	6475	105	SU	--	21.92	22.07	19.014	18.984
			52T	37	21.02	20.59	18.361	18.174
				38	18.88	18.50	16.921	16.828
				40	20.39	20.30	18.028	17.971
	6515	113	SU	--	22.17	21.95	19.002	19.000
			52T	37	21.21	20.47	18.392	18.207
				--	--	--	--	--
				40	20.67	20.37	18.289	18.175
40MHz	6445	99	SU	--	43.34	43.23	37.935	37.943
			52T	37	21.06	20.78	18.308	18.104
				--	--	--	--	--
				44	21.04	20.38	18.349	18.131
	6485	107	SU	--	43.94	42.92	37.899	37.912
			52T	37	21.59	20.76	18.384	18.106
				41	21.21	21.04	18.800	18.801
				44	20.85	20.38	18.340	18.131
	6525 (Straddle)	115	SU	--	43.48	42.67	38.040	37.953
			52T	37	21.70	21.14	18.265	18.135
				--	--	--	--	--
				44	20.32	20.92	18.226	18.176
80MHz	6465	103	SU	--	84.31	84.38	77.643	77.513
			484T	65	45.05	44.21	38.403	38.375
				66	45.71	44.38	38.364	38.280
160MHz	6505 (Straddle)	111	SU	--	164.00	164.20	156.070	156.520
			484T	65	45.28	44.63	38.546	38.387
				S66	44.56	44.78	38.441	38.504



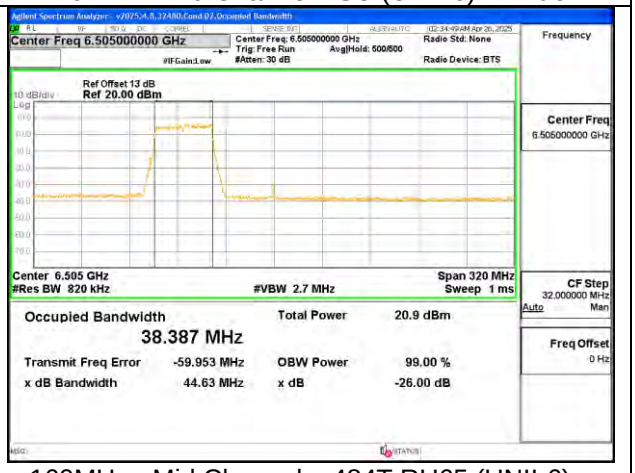
20MHz - Mid Channel – 52T RU37 (UNII-6) – Ant 5



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



40MHz - Mid Channel – 52T RU41 (UNII-6) – Ant 5



160MHz - Mid Channel – 484T RU65 (UNII-6) – Ant 5

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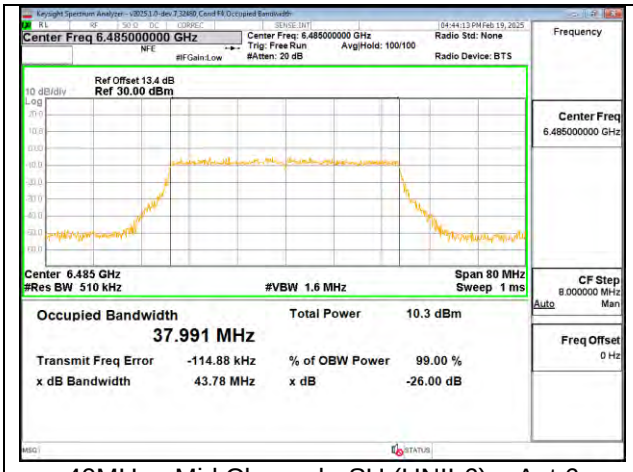
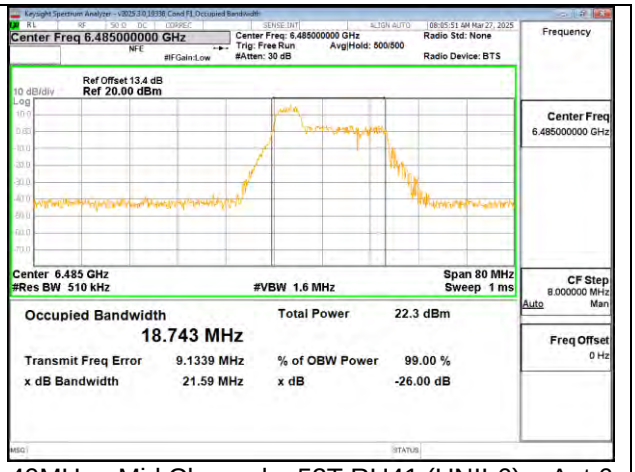
9.2.5. 802.11be MIMO CDD MODE IN THE UNII-6 BAND

UNII-6 (MIMO CDD)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20MHz	6435	97	SU	--	22.35	22.23	19.044	18.955
			52T	37	20.95	20.64	18.371	16.952
				--	--	--	--	--
				40	20.38	20.61	18.172	18.118
	6475	105	SU	--	22.34	22.29	19.006	18.978
			52T	37	21.17	20.53	18.382	18.258
				38	18.74	18.32	16.934	16.721
				40	20.86	20.28	18.222	18.161
	6515	113	SU	--	22.12	22.36	19.014	18.965
			52T	37	20.37	20.32	18.310	18.190
				--	--	--	--	--
				40	20.72	20.27	18.242	18.225
40MHz	6445	99	SU	--	43.29	43.18	38.016	37.892
			52T	37	20.39	20.95	18.266	18.058
				--	--	--	--	--
				44	20.57	20.88	17.882	18.240
	6485	107	SU	--	43.78	43.14	37.991	37.980
			52T	37	21.37	20.77	18.374	18.185
				41	21.59	21.14	18.743	18.707
				44	20.89	20.78	18.350	18.261
	6525 (Straddle)	115	SU	--	44.54	43.59	38.037	37.945
			52T	37	20.97	20.34	18.246	18.107
				--	--	--	--	--
				44	21.07	20.79	18.357	18.232
80MHz	6465	103	SU	--	84.34	83.94	77.479	77.419
			484T	65	44.58	44.35	38.418	38.352
				66	44.37	44.51	38.494	38.264
160MHz	6505 (Straddle)	111	SU	--	164.20	163.30	156.200	155.860
			52T	37	22.70	21.33	18.895	18.581
				52	21.20	21.47	18.574	18.625
				S52	22.58	21.37	18.922	18.463



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



40MHz - Mid Channel – 52T RU41 (UNII-6) – Ant 6

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

UNII-6 (MIMO SDM)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20MHz	6435	97	SU	--	22.15	22.04	18.981	18.961
			52T	37	21.06	20.46	18.304	18.142
				--	--	--	--	--
				40	20.92	20.73	18.434	18.283
	6475	105	SU	--	22.46	22.16	18.957	18.989
			52T	37	21.18	20.28	18.411	18.207
				38	19.07	18.28	17.051	16.833
				40	20.92	20.66	18.449	18.335
	6515	113	SU	--	22.55	22.20	18.986	19.001
			52T	37	20.90	20.39	18.326	18.261
				--	--	--	--	--
				40	20.98	20.52	18.522	18.337
40MHz	6445	99	SU	--	43.70	42.70	37.968	37.909
			52T	37	20.59	20.10	18.166	18.055
				--	--	--	--	--
				44	20.90	20.39	18.319	18.251
	6485	107	SU	--	43.16	43.15	37.944	37.916
			52T	37	20.66	20.77	18.247	18.117
				41	21.27	21.05	18.558	18.574
				44	20.65	20.14	18.197	18.167
	6525 (Straddle)	115	SU	--	43.17	42.92	37.998	37.909
			52T	37	20.83	20.40	18.250	18.224
				--	--	--	--	--
				44	20.60	20.72	18.242	18.195
80MHz	6465	103	SU	--	84.61	84.45	77.415	77.447
			484T	65	59.10	74.59	38.110	38.096
				66	60.42	61.86	38.193	38.510
160MHz	6505 (Straddle)	111	SU	--	163.70	163.10	156.190	156.350
			52T	37	22.48	21.15	18.900	18.452
				52	21.36	21.49	18.633	18.226
				S52	21.34	21.60	18.640	18.654

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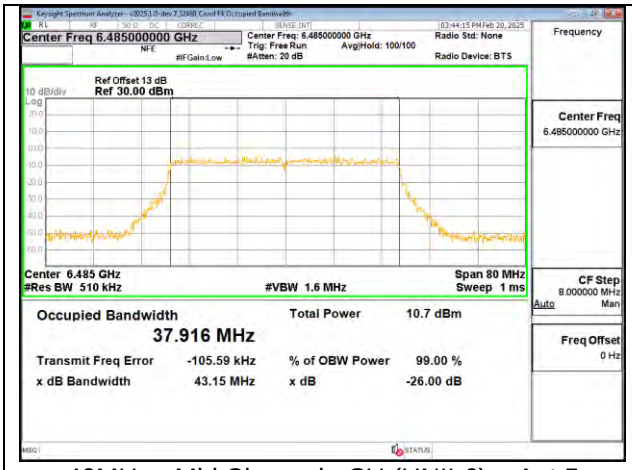
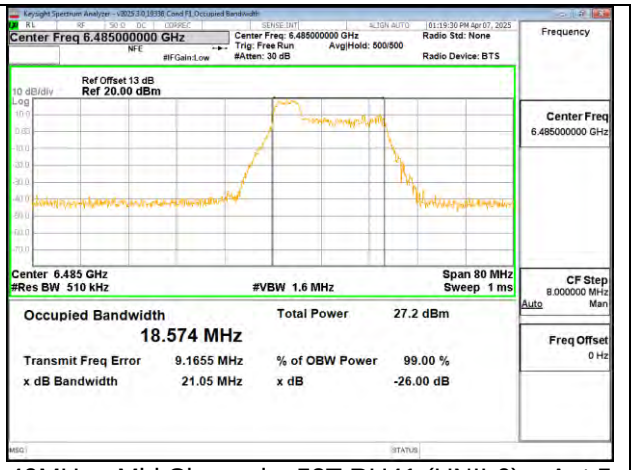
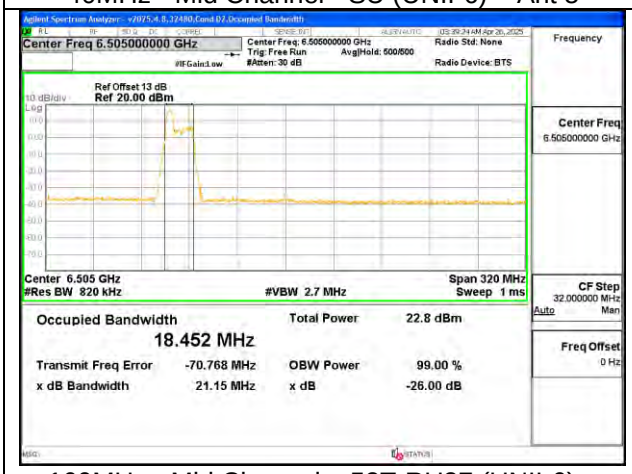


40MHz - Mid Channel - SU (UNII-6) – Ant 5



40MHz - Mid Channel – 52T RU41 (UNII-6) – Ant 5



160MHz - Mid Channel – 52T-RU37 (UNII-6) – Ant 5

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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	--	22.80	22.35	19.008	19.011
			106T	53	21.34	20.92	18.296	18.176
				54	20.72	20.35	18.046	18.08
	6715	153	SU	--	22.77	21.97	18.986	18.977
			106T	53	21.82	21.18	18.264	18.139
				54	21.16	20.50	18.094	18.022
	6875 (Straddle)	185	SU	--	22.42	21.91	18.969	19.019
			106T	53	21.58	20.54	18.245	18.146
				54	21.55	20.63	18.11	18.096
40MHz	6565	123	SU	--	44.06	42.92	38.011	37.934
			242T	61	23.39	22.99	19.154	19.09
				62	23.43	22.92	19.143	19.031
	6685	147	SU	--	44.17	42.73	38.077	37.875
			242T	61	23.50	23.18	19.139	19.077
				62	23.68	23.18	19.036	19.067
	6845	179	SU	--	45.03	43.20	38.087	37.857
			242T	61	23.69	22.96	18.996	19.105
				62	23.06	22.77	19.067	18.97
80MHz	6545 (Straddle)	119	SU	--	85.30	83.54	77.348	77.573
			484T	65	44.68	44.37	38.291	38.376
				66	46.51	44.61	38.313	38.244
	6705	151	SU	--	85.36	83.27	77.47	77.399
			484T	65	44.67	44.24	38.382	38.208
				66	44.89	44.22	38.309	38.243
	6865 (Straddle)	183	SU	--	83.94	83.35	77.497	77.618
			484T	65	44.85	45.33	38.309	38.315
				66	44.54	44.31	38.298	38.268
160MHz	6665	143	SU	--	164.00	163.40	156.43	156.22
			52T	37	22.17	21.47	18.573	18.495
				52	20.76	20.85	18.466	18.368
				S52	20.68	21.03	18.529	18.636
	6825 (Straddle)	175	SU	--	163.40	164.30	156.17	156.37
			52T	37	21.28	21.08	18.84	18.529
				52	20.36	20.51	18.413	18.286
				S52	21.31	20.63	18.622	18.658

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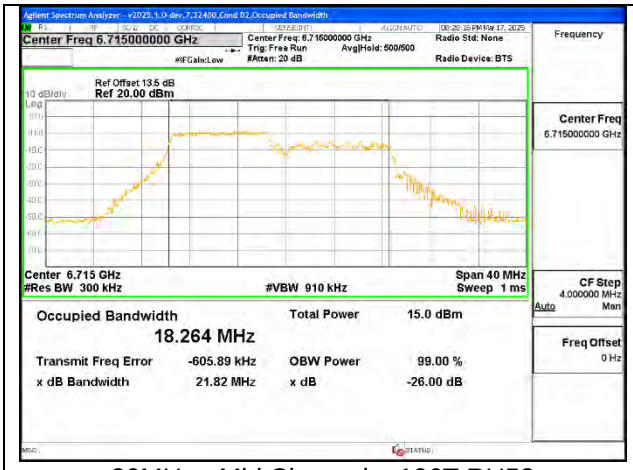
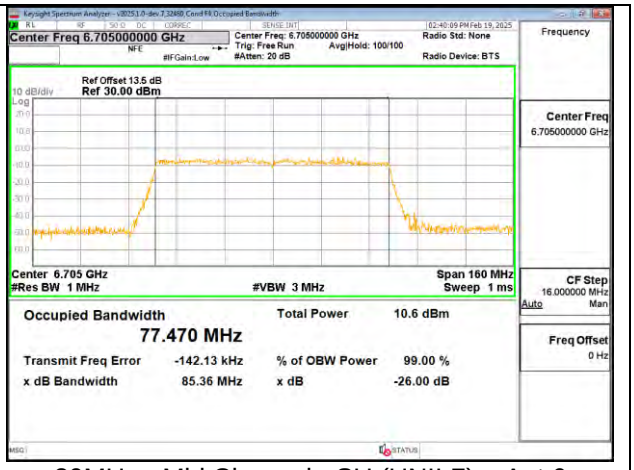


20MHz - Mid Channel – 106T RU53 (UNII-7) – Ant 6



80MHz - Mid Channel - SU (UNII-7) – Ant 6

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

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

UNII-7 (MIMO CDD)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20MHz	6535	117	SU	--	22.50	22.29	19.110	18.972
			106T	53	21.54	20.55	18.254	18.081
				54	20.67	20.53	18.186	18.218
	6715	153	SU	--	22.61	22.22	19.000	19.015
			106T	53	21.54	20.28	18.259	18.109
				54	20.63	20.27	18.175	18.048
	6875 (Straddle)	185	SU	--	22.23	22.57	19.044	19.017
			106T	53	21.50	20.76	18.248	18.111
				54	20.76	20.63	18.180	18.169
40MHz	6565	123	SU	--	43.32	44.44	38.035	38.028
			242T	61	23.10	22.78	19.091	19.055
				62	23.01	22.85	19.076	19.044
	6685	147	SU	--	43.30	42.52	37.937	37.886
			242T	61	23.12	23.40	19.066	19.009
				62	23.80	23.15	19.096	19.002
	6845	179	SU	--	43.17	43.05	37.914	37.955
			242T	61	23.23	23.05	19.103	19.069
				62	23.17	23.32	19.104	19.118
80MHz	6545 (Straddle)	119	SU	--	84.42	83.53	77.443	77.389
			484T	65	45.26	44.30	38.289	38.303
				66	45.13	44.73	38.353	38.260
	6705	151	SU	--	84.95	83.93	77.538	77.353
			484T	65	44.19	44.15	38.318	38.194
				66	44.84	44.46	38.451	38.436
	6865 (Straddle)	183	SU	--	84.43	82.63	77.403	77.342
			484T	65	45.24	44.97	38.536	38.247
				66	45.35	44.32	38.414	38.304
160MHz	6665	143	SU	--	163.30	163.90	156.030	156.230
			52T	37	21.07	20.91	18.578	18.163
				52	20.77	20.72	18.507	18.383
				S52	20.96	20.75	18.458	18.355
	6825(Straddle)	175	SU	--	163.70	164.10	156.000	156.140
			52T	37	21.50	20.85	18.488	18.588
				52	21.27	20.74	18.458	18.360
				S52	20.73	20.62	18.505	18.406

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40MHz - Mid Channel – 242T-RU61 (UNII-7) – Ant 5

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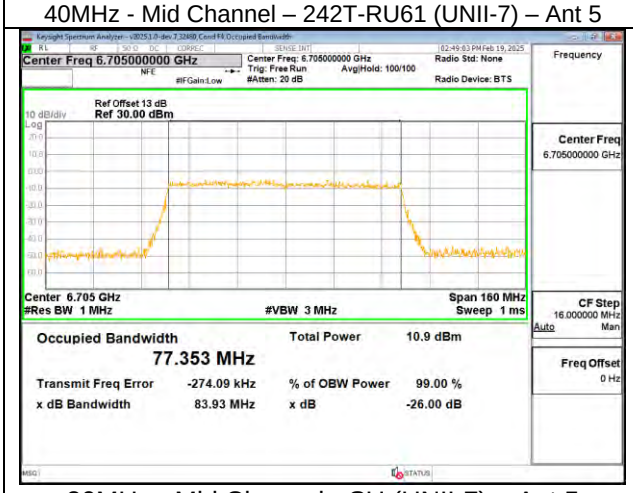
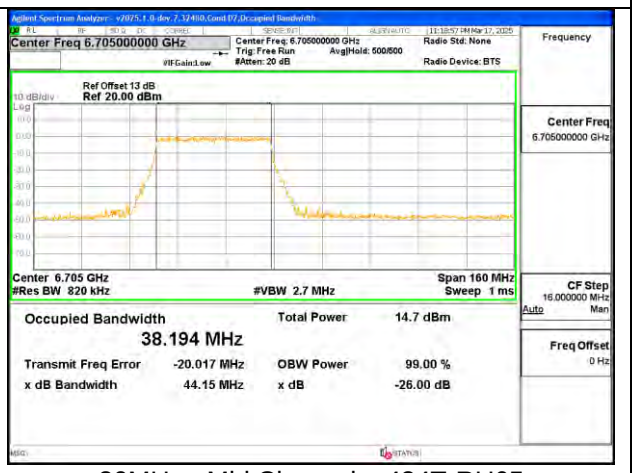


80MHz - Mid Channel - SU (UNII-7) – Ant 5

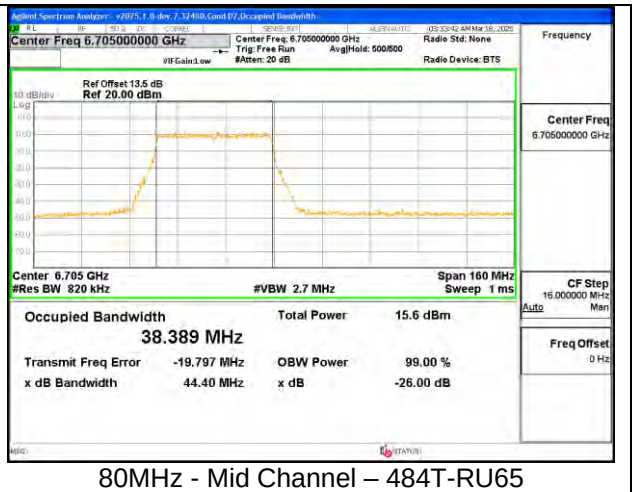


80MHz - Mid Channel – 484T-RU65 (UNII-7) – Ant 5

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	--	22.81	21.88	18.989	18.974
			106T	53	21.71	20.68	18.235	18.153
				54	20.73	20.46	18.175	18.097
	6715	153	SU	--	22.54	22.38	19.031	18.972
			106T	53	21.55	20.95	18.302	18.068
				54	20.96	20.12	18.182	18.165
	6875 (Straddle)	185	SU	--	22.88	22.36	18.997	19.018
			106T	53	21.68	20.68	18.211	18.008
				54	20.83	20.41	18.043	18.146
40MHz	6565	123	SU	--	43.25	42.47	37.935	37.888
			242T	61	23.12	23.34	19.062	19.092
				62	23.51	23.00	19.152	19.030
	6685	147	SU	--	43.43	42.69	38.003	37.864
			242T	61	23.46	23.01	19.122	19.035
				62	23.48	22.92	19.095	18.996
	6845	179	SU	--	43.22	42.51	38.068	37.927
			242T	61	23.49	23.05	19.049	19.074
				62	23.14	22.67	19.204	19.050
80MHz	6545 (Straddle)	119	SU	--	84.04	83.83	77.624	77.562
			484T	65	45.54	44.27	38.370	38.436
				66	45.19	44.15	38.395	38.516
	6705	151	SU	--	84.32	83.48	77.720	77.470
			484T	65	44.40	45.35	38.389	38.346
				66	45.57	44.54	38.339	38.308
	6865 (Straddle)	183	SU	--	84.02	83.67	77.558	77.428
			484T	65	45.43	44.66	38.450	38.291
				66	45.06	44.17	38.397	38.255
160MHz	6665	143	SU	--	163.60	163.40	156.330	156.160
			52T	37	22.49	21.51	18.799	18.618
				52	22.15	21.34	18.682	18.656
				S52	21.95	21.64	18.942	18.584
	6825(Straddle)	175	SU	--	163.70	163.50	156.190	155.990
			52T	37	20.84	20.79	18.426	18.610
				52	21.38	21.31	18.726	18.467
				S52	21.85	21.75	18.804	19.000

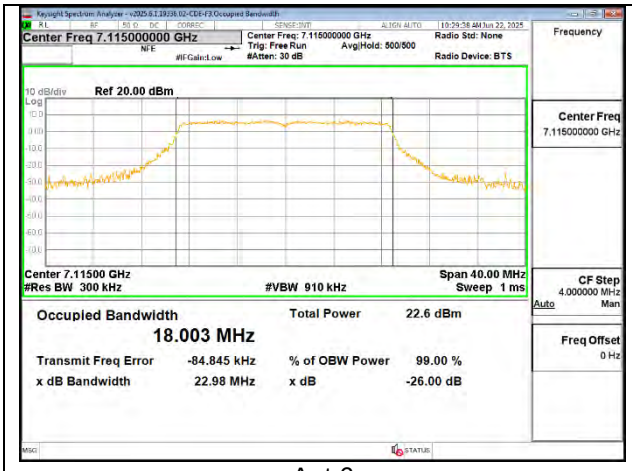
80MHz - Mid Channel - SU (UNII-7) – Ant 6



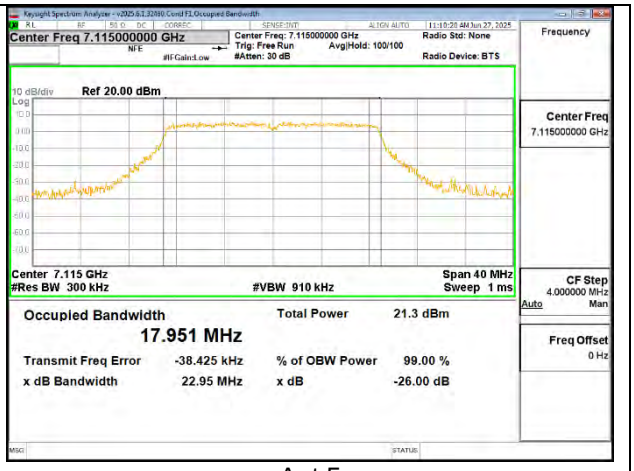
80MHz - Mid Channel – 484T-RU65 (UNII-7) – Ant 6

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)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
					Ant 6	Ant 5	Ant 6	Ant 5
20MHz	7115	233	--	--	22.98	22.95	18.003	17.951



Ant 6



Ant 5

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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)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
					Ant 6	Ant 5	Ant 6	Ant 5
20MHz	6895	189	SU	--	22.14	21.68	18.987	18.998
			106T	53	21.34	20.96	18.222	18.208
				54	20.52	20.50	18.068	18.170
	6995	209	SU	--	22.03	21.69	18.999	18.993
			106T	53	21.75	20.55	18.184	18.162
				54	20.59	20.39	17.992	18.191
	7095	229	SU	--	22.36	22.70	19.042	19.034
			106T	53	21.95	20.85	18.239	18.180
				54	20.98	20.36	18.148	18.053
40MHz	6885 (Straddle)	187	SU	--	43.83	42.72	38.077	37.905
			106T	53	21.64	20.94	18.099	17.909
				--	--	--	--	--
				56	21.30	20.71	18.044	17.954
	6965	203	SU	--	43.99	42.84	38.020	37.892
			106T	53	21.92	21.06	18.126	17.802
				54	21.58	21.21	18.669	18.640
				56	21.12	20.53	18.035	18.002
	7085	227	SU	--	43.72	42.99	37.953	37.966
			106T	53	21.88	20.72	18.008	17.959
				--	--	--	--	--
				56	21.63	20.91	18.024	18.020
80MHz	6945	199	SU	--	83.58	85.01	77.510	77.532
			MRU484+242T	90	67.33	66.21	58.811	58.692
				92	83.60	83.26	78.024	77.832
				93	67.81	66.40	58.859	58.514
	7025	215	SU	--	84.12	84.55	77.545	77.663
			MRU484+242T	90	67.89	65.78	58.814	58.690
				92	85.56	85.09	78.118	78.005
				93	67.21	66.46	58.794	58.695
160MHz	6985	207	SU	--	164.00	164.20	156.370	156.290
			MRU484+242T	90	66.82	68.11	58.995	58.995
				93	67.48	67.40	58.956	58.949
				S93	66.67	67.73	58.886	58.821

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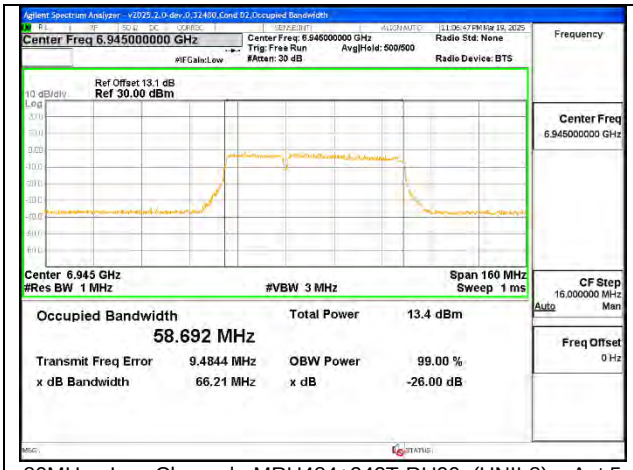

80MHz - Low Channel - MRU484+242T-RU90 (UNII-8) – Ant 5

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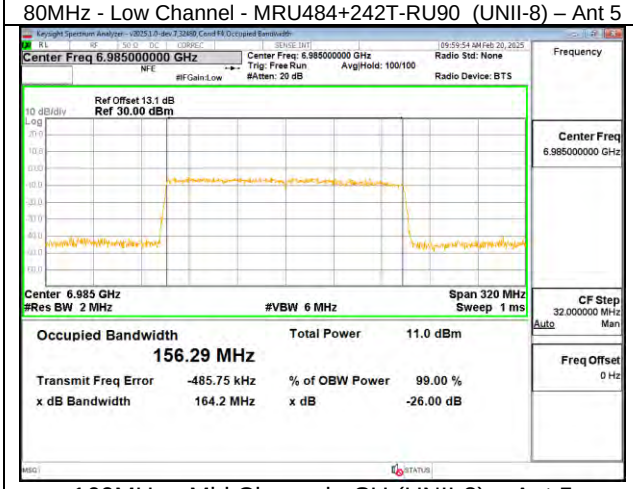
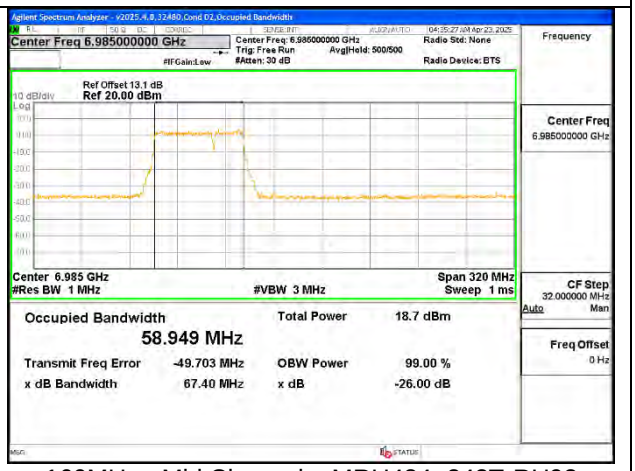


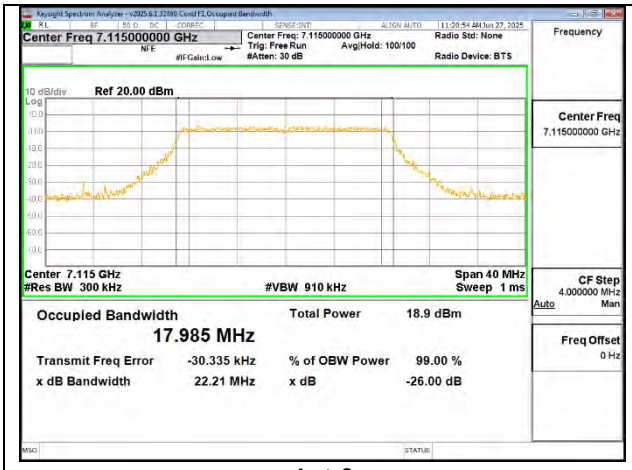
160MHz - Mid Channel - SU (UNII-8) – Ant 5



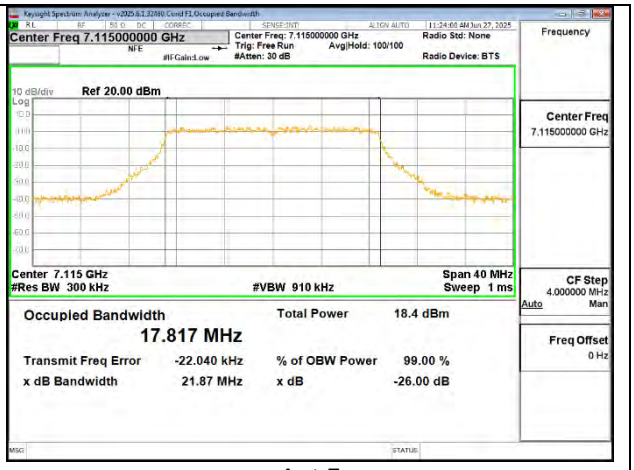
160MHz - Mid Channel – MRU484+242T-RU93 (UNII-8) – Ant 5

9.2.12. 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)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
					Ant 6	Ant 5	Ant 6	Ant 5
20MHz	7115	233	--	--	22.21	21.87	17.985	17.817



Ant 6

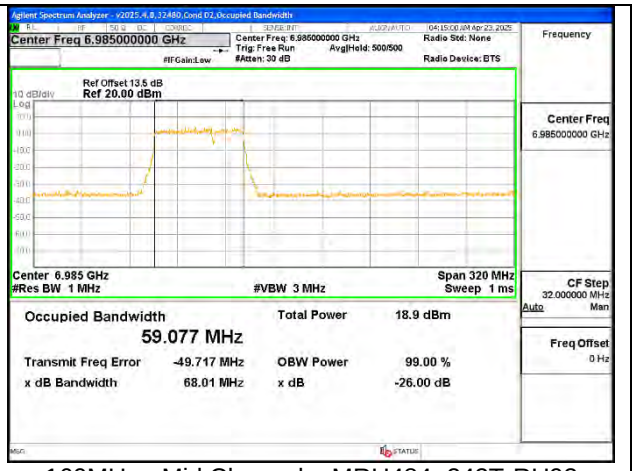


Ant 5

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)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
					Ant 6	Ant 5	Ant 6	Ant 5
20MHz	6895	189	SU	--	22.84	22.28	19.026	18.995
			106T	53	21.63	20.48	18.156	18.104
				45	20.89	20.42	18.223	18.061
	6995	209	SU	--	22.20	22.03	19.049	18.984
			106T	53	21.93	20.47	18.280	18.159
				54	20.95	20.93	18.175	18.002
	7095	229	SU	--	22.48	21.82	18.994	19.013
			106T	53	20.78	21.00	18.264	18.119
				54	20.68	20.62	18.008	18.104
40MHz	6885 (Straddle)	187	SU	--	44.08	42.98	37.979	37.918
			106T	53	22.02	20.68	18.050	18.017
				--	--	--	--	--
				56	21.34	20.81	18.109	18.018
	6965	203	SU	--	44.23	43.35	37.947	38.001
			106T	53	22.14	21.24	18.132	18.001
				54	21.32	21.06	18.650	18.632
				56	21.12	20.62	18.006	18.032
	7085	227	SU	--	43.37	43.07	37.997	37.952
			106T	53	22.16	21.51	18.071	17.970
				--	--	--	--	--
				56	21.99	20.57	18.214	17.700
80MHz	6945	199	SU	--	84.12	83.98	77.457	77.717
			MRU484+242T	90	67.48	67.08	58.804	58.805
				92	84.81	85.03	78.035	77.821
				93	67.42	65.95	58.754	58.588
	7025	215	SU	--	85.29	83.30	77.478	77.455
			MRU484+242T	90	66.77	66.29	58.782	58.739
				92	84.72	84.33	78.043	77.880
				93	68.32	66.08	58.747	58.721
160MHz	6985	207	SU	--	163.60	162.90	156.220	156.100
			MRU484+242T	90	66.68	66.35	58.981	58.879
				93	68.01	66.16	59.077	58.809
				S93	68.07	67.12	58.871	58.825

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



160MHz - Mid Channel – MRU484+242T-RU93 (UNII-8) – Ant 6

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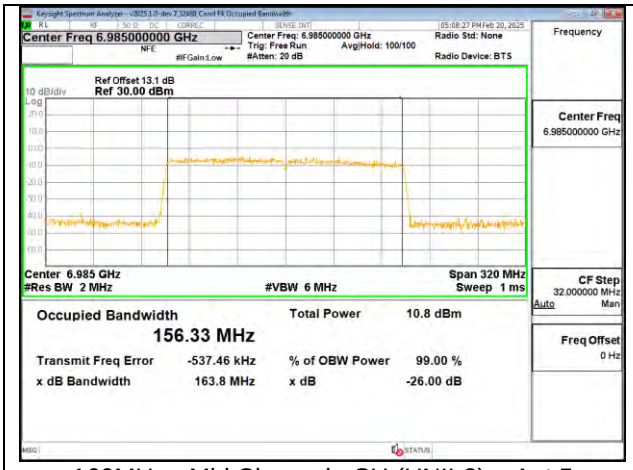
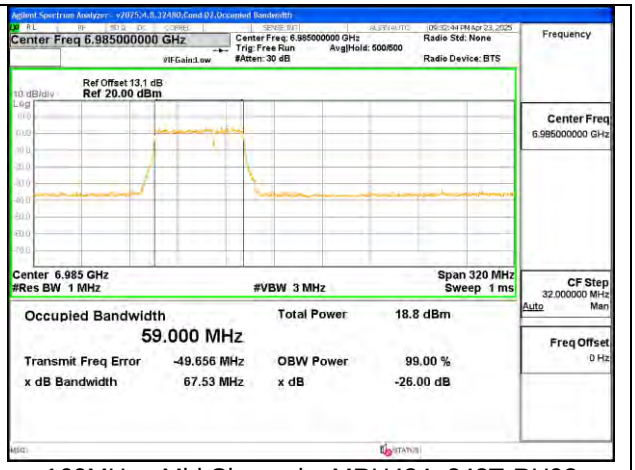
9.2.14. 802.11be MIMO SDM MODE IN THE UNII-8 BAND

UNII-8 (MIMO SDM)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
					Ant 6	Ant 5	Ant 6	Ant 5
20MHz	6895	189	SU	--	22.57	22.25	18.992	18.995
			106T	53	21.36	20.40	18.259	18.170
				54	21.12	20.59	18.231	18.176
	6995	209	SU	--	22.49	21.65	19.069	19.000
			106T	53	21.77	20.39	18.234	18.138
				54	20.87	20.49	18.176	18.162
	7095	229	SU	--	22.69	22.18	19.015	18.985
			106T	53	21.38	20.79	18.196	18.180
				54	20.91	20.75	18.125	18.017
40MHz	6885 (Straddle)	187	SU	--	43.79	42.73	38.021	37.874
			106T	53	21.92	20.98	18.141	17.873
				56	21.50	20.87	18.123	18.024
	6965	203	SU	--	42.88	43.05	37.917	37.877
			106T	53	21.73	21.52	18.072	17.926
				54	21.74	20.98	18.720	18.631
				56	20.91	21.01	18.111	18.016
	7085	227	SU	--	43.25	42.35	38.061	37.905
			106T	53	22.07	21.11	17.942	17.924
				56	21.09	20.69	18.060	17.959
80MHz	6945	199	SU	--	83.91	82.96	77.658	77.417
			MRU484+242T	90	67.42	65.97	58.800	58.569
				92	85.38	84.39	77.908	77.926
				93	68.40	65.76	58.821	58.696
	7025	215	SU	--	84.29	83.49	77.513	77.400
			MRU484+242T	90	67.51	66.27	58.749	58.725
				92	85.47	84.06	77.999	77.991
				93	67.06	66.12	58.956	58.786
160MHz	6985	207	SU	--	164.10	163.80	163.300	156.330
			MRU484+242T	90	67.26	65.67	58.979	59.076
				93	68.35	67.53	58.867	59.000
				S93	67.24	66.53	58.886	58.963



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



160MHz - Mid Channel – MRU484+242T-RU93 (UNII-8) – Ant 5

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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 52T: 300kHz/910kHz	26T: 510kHz/1.6MHz 52T: 510kHz/1.6MHz	26T: 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:	JP 19336	Date:	2025-02-19 to 2025-06-27

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.

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

UNII-5 (SISO)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20 MHz	5955	1	SU	--	22.43	22.33	19.033	19.005
			26T	0	20.49	20.22	18.657	18.493
				--	--	--	--	--
				8	20.25	20.16	18.569	18.500
	6175	45	SU	--	22.21	21.56	19.007	19.002
			26T	0	20.44	20.40	18.662	18.512
				4	18.27	18.09	16.957	16.745
				8	20.53	20.21	18.577	18.422
	6415	93	SU	--	22.82	21.91	18.982	18.990
			26T	0	20.57	20.35	18.616	18.538
				--	--	--	--	--
				8	20.41	20.15	18.562	18.483
40 MHz	5965	3	SU	--	42.93	42.89	38.070	37.925
			26T	0	21.21	20.54	18.740	18.695
				--	--	--	--	--
				17	20.85	20.67	19.037	18.534
	6165	43	SU	--	43.92	42.45	37.941	37.892
			26T	0	20.50	20.57	18.731	18.518
				9	21.42	20.98	19.378	19.120
				17	20.69	20.52	18.639	18.679
	6405	91	SU	--	43.68	42.80	38.020	37.971
			26T	0	20.67	20.75	18.837	18.676
				--	--	--	--	--
				17	20.40	20.53	18.866	18.653
80MHz	5985	7	SU	--	84.86	83.42	77.375	77.518
			26T	0	21.01	20.56	35.803	18.865
				--	--	--	--	--
				36	20.25	20.57	19.367	18.957
	6145	39	SU	--	84.95	83.49	77.566	77.478
			26T	0	21.18	20.36	18.633	18.776
				17	20.54	20.70	18.831	18.509
				36	20.63	20.54	19.557	18.825
	6385	87	SU	--	84.09	83.88	77.622	77.548
			26T	0	21.09	20.28	58.967	19.539
				--	--	--	--	--
				36	20.63	20.45	19.557	19.195
160MHz	6025	15	SU	--	163.80	163.20	156.320	156.220
			26T	0	20.83	19.83	18.765	17.947
				--	--	--	--	--
				S36	21.10	20.83	18.492	18.514
	6185	47	SU	--	163.80	163.60	156.330	156.350
			26T	0	20.38	20.65	18.679	18.647
				36	21.06	20.98	18.588	18.663
				S36	20.54	20.88	18.867	18.735
	6345	79	SU	--	164.20	163.80	156.520	156.360
			26T	0	20.71	21.32	18.839	18.784
				--	--	--	--	--
				S36	20.72	20.66	18.675	18.394

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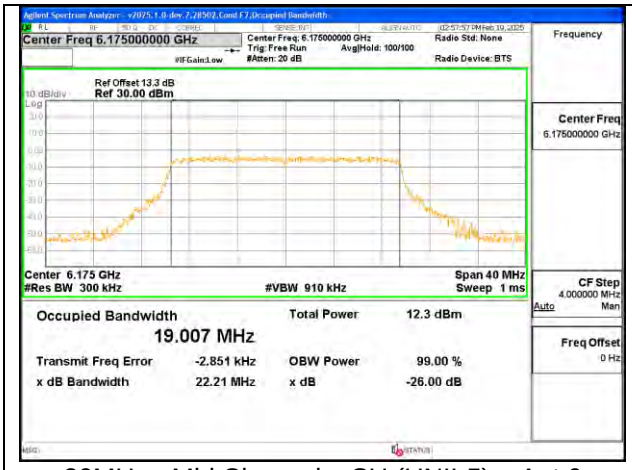
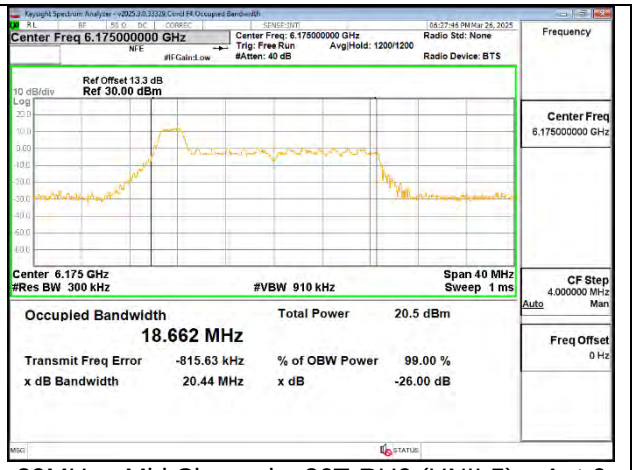
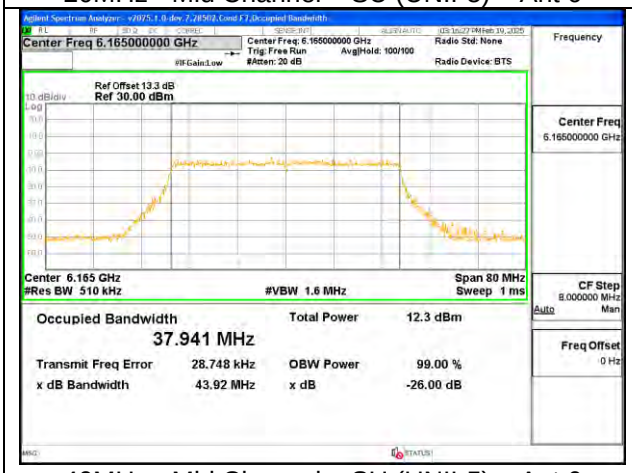


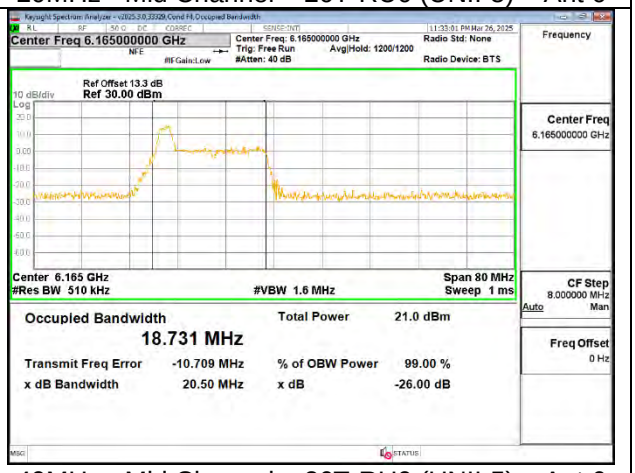
20MHz - Mid Channel – SU (UNII-5) – Ant 6



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

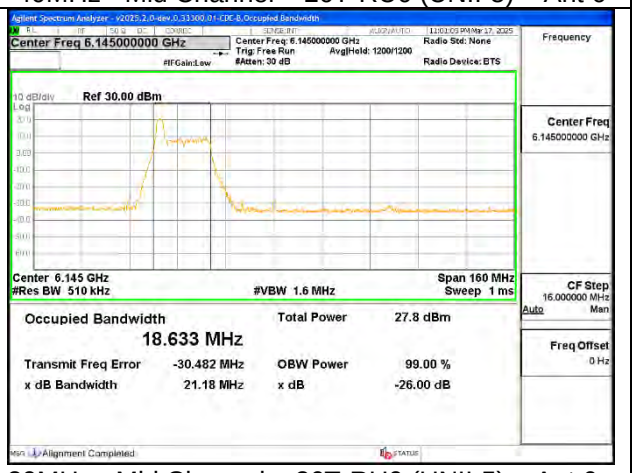


40MHz - Mid Channel – SU (UNII-5) – Ant 6



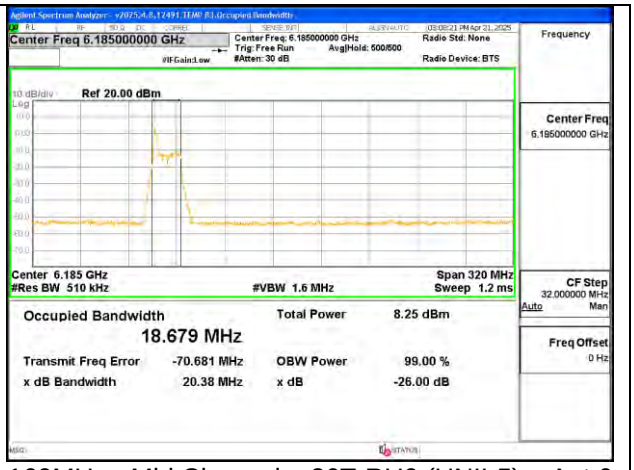
40MHz - Mid Channel – 26T-RU0 (UNII-5) – Ant 6

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



80MHz - Mid Channel – 26T-RU0 (UNII-5) – Ant 6

160MHz - Mid Channel – SU (UNII-5) – Ant 6



160MHz - Mid Channel – 26T-RU0 (UNII-5) – Ant 6

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

UNII-5 (MIMO CDD)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20 MHz	5955	1	SU	--	22.28	22.15	18.996	18.977
			52T	37	20.81	20.74	18.438	18.219
				--	--	--	--	--
				40	20.72	20.13	18.316	18.175
	6175	45	SU	--	22.62	22.13	19.015	18.979
			52T	37	20.92	20.78	18.459	18.266
				38	18.87	18.44	17.007	16.878
				40	18.44	20.13	16.878	18.220
	6415	93	SU	--	22.55	22.57	18.996	19.007
			52T	37	21.18	20.37	18.409	18.259
				--	--	--	--	--
				40	20.70	20.26	18.237	18.212
40 MHz	5965	3	SU	--	43.37	42.77	37.953	38.019
			52T	37	20.81	21.20	18.571	18.461
				--	--	--	--	--
				44	20.83	20.54	18.424	18.284
	6165	43	SU	--	42.52	43.39	37.986	37.832
			52T	37	21.59	20.59	18.541	18.291
				41	21.35	21.33	19.022	18.775
				44	21.17	20.39	18.434	18.324
	6405	91	SU	--	43.99	42.30	38.072	37.903
			52T	37	21.21	20.69	18.545	18.354
				--	--	--	--	--
				44	20.77	20.65	18.770	18.405
80MHz	5985	7	SU	--	84.89	83.95	77.562	77.582
			26T	0	20.82	20.57	20.780	18.878
				--	--	--	--	--
				36	20.40	20.45	19.839	18.952
	6145	39	SU	--	85.71	82.91	77.594	77.387
			26T	0	20.75	20.29	19.520	18.705
				17	20.41	20.48	18.441	18.506
				36	20.61	20.30	19.203	18.870
	6385	87	SU	--	85.23	83.38	77.689	77.568
			26T	0	20.81	20.53	57.623	19.269
				--	--	--	--	--
				36	21.08	20.38	53.233	19.195
160MHz	6025	15	SU	--	164.30	163.50	155.960	156.070
			52T	37	21.56	20.10	18.318	17.789
				--	--	--	--	--
				S52	20.76	20.67	18.141	18.230
	6185	47	SU	--	164.20	163.80	156.170	155.980
			52T	37	21.48	20.65	18.546	18.237
				52	21.22	20.75	18.603	17.941
				S52	20.87	21.17	18.106	18.328
	6345	79	SU	--	163.90	163.60	155.960	156.230
			52T	37	21.39	21.54	18.320	18.366
				--	--	--	--	--
				S52	20.73	20.77	18.369	18.302

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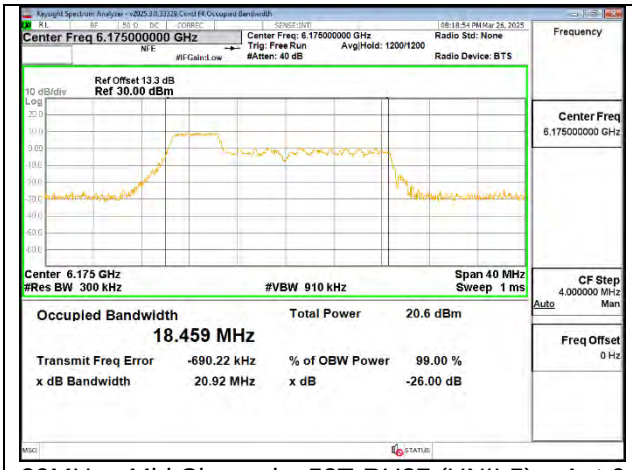
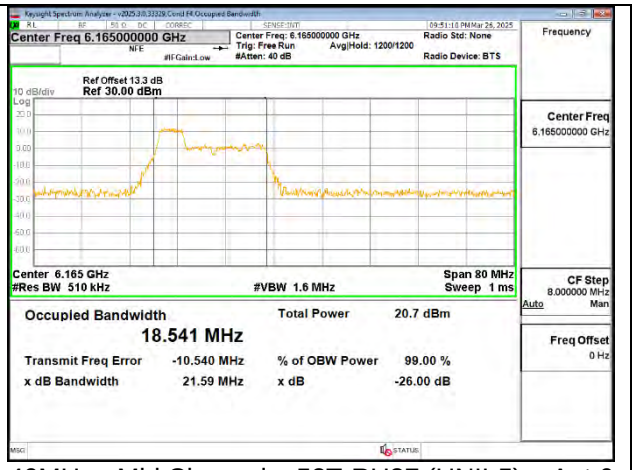


20MHz - Mid Channel – 52T-RU37 (UNII-5) – Ant 6



40MHz - Mid Channel – 52T-RU37 (UNII-5) – Ant 6

160MHz - Mid Channel – 52T-RU37 (UNII-5) – Ant 6

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

UNII-5 (MIMO SDM)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20 MHz	5955	1	SU	--	22.91	22.07	19.043	18.995
			52T	37	21.30	20.28	18.390	18.222
				--	--	--	--	--
				40	20.53	20.49	18.248	18.153
	6175	45	SU	--	22.87	22.35	19.048	18.996
			52T	37	21.29	20.57	18.348	18.236
				38	18.79	18.09	16.953	16.793
				40	20.49	20.16	18.201	18.254
	6415	93	SU	--	22.80	22.52	19.041	19.041
			52T	37	21.23	20.44	18.308	18.127
				--	--	--	--	--
				40	20.88	20.15	18.287	18.193
40 MHz	5965	3	SU	--	44.51	43.41	38.017	38.005
			52T	37	20.81	20.49	18.284	18.166
				--	--	--	--	--
				44	20.78	20.27	18.041	18.164
	6165	43	SU	--	43.94	43.15	38.039	37.971
			52T	37	21.84	20.89	18.230	18.272
				41	22.18	21.47	18.776	18.754
				44	20.58	20.43	18.383	18.248
	6405	91	SU	--	43.70	43.51	38.022	38.015
			52T	37	21.73	20.90	18.386	18.220
				--	--	--	--	--
				44	20.26	20.66	18.169	18.194
80MHz	5985	7	SU	--	84.39	83.96	77.610	77.600
			26T	0	20.39	20.57	18.397	18.455
				--	--	--	--	--
				36	20.58	20.40	18.381	18.617
	6145	39	SU	--	84.51	83.82	77.633	77.539
			26T	0	20.89	20.53	18.507	18.392
				17	20.50	20.42	18.699	18.484
				36	20.58	20.40	18.381	18.617
	6385	87	SU	--	84.96	83.90	77.652	77.630
			26T	0	21.12	20.59	18.530	18.367
				--	--	--	--	--
				36	20.29	20.70	18.686	18.816
160MHz	6025	15	SU	--	164.40	163.70	156.490	156.230
			52T	37	20.54	21.07	18.426	18.482
				--	--	--	--	--
				S52	21.06	20.70	18.585	18.414
	6185	47	SU	--	164.60	164.20	156.390	156.270
			52T	37	21.44	21.15	18.448	18.421
				52	21.17	21.16	18.384	18.208
				S52	20.67	20.67	18.548	18.432
	6345	79	SU	--	164.40	164.30	156.560	156.470
			52T	37	20.52	21.05	18.412	18.027
				--	--	--	--	--
				S52	20.67	20.67	18.548	18.243

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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	--	22.06	21.91	19.065	19.017
			26T	0	20.65	20.21	18.634	18.433
				--	--	--	--	--
				8	20.36	20.40	18.548	18.444
	6715	153	SU	--	22.54	22.07	18.994	19.062
			26T	0	20.86	20.47	18.631	18.484
				4	18.33	18.23	16.923	16.759
				8	20.62	20.41	18.503	18.550
	6855	181	SU	--	22.53	22.10	19.014	18.999
			26T	0	20.93	20.50	18.663	18.455
				--	--	--	--	--
				8	20.33	20.23	18.551	18.481
40MHz	6565	123	SU	--	43.44	43.72	37.952	37.922
			26T	0	20.73	20.58	18.602	18.692
				--	--	--	--	--
				17	20.72	20.37	18.351	18.620
	6685	147	SU	--	43.54	42.32	38.072	37.924
			26T	0	21.15	20.14	18.812	18.471
				9	21.04	21.06	19.229	19.283
				17	20.60	20.28	18.642	18.770
	6845	179	SU	--	42.93	43.49	37.986	37.932
			26T	0	20.75	20.70	18.795	18.517
				--	--	--	--	--
				17	20.75	20.28	18.635	18.770
80MHz	6625	135	SU	--	84.55	82.60	77.498	77.433
			26T	0	20.38	20.96	18.874	18.969
				--	--	--	--	--
				36	20.79	20.94	18.866	19.073
	6705	151	SU	--	83.46	83.27	77.675	77.424
			26T	0	20.72	20.72	19.212	19.030
				17	20.89	21.07	18.485	18.648
				36	20.41	20.75	18.784	18.860
	6785	167	SU	--	83.65	82.81	77.615	77.492
			26T	0	20.51	20.32	19.369	18.919
				--	--	--	--	--
				36	20.12	20.49	18.795	19.027
160MHz	6665	143	SU	--	164.10	163.90	156.190	156.110
			26T	0	20.59	20.60	15.568	18.641
				36	20.46	21.03	18.532	18.801
				S36	20.69	20.38	18.702	18.620

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	--	22.71	22.35	18.987	19.001
			26T	0	20.62	20.41	18.61	18.474
				--	--	--	--	--
				8	20.46	20.12	18.551	18.433
	6715	153	SU	--	22.70	22.22	19.046	19.003
			26T	0	20.52	20.25	18.559	18.500
				4	18.16	18.18	16.886	16.750
				8	20.72	20.35	18.605	18.523
	6855	181	SU	--	22.11	22.41	19.089	19.043
			26T	0	20.63	20.35	18.642	18.452
				--	--	--	--	--
				8	20.67	20.21	18.646	18.471
40MHz	6565	123	SU	--	43.89	43.26	38.007	37.983
			26T	0	20.67	20.56	18.625	18.631
				--	--	--	--	--
				17	20.66	20.48	18.709	18.604
	6685	147	SU	--	43.38	42.35	38.105	37.859
			26T	0	21.19	20.44	18.747	18.355
				9	21.19	20.81	19.246	19.007
				17	20.40	19.57	18.77	17.816
	6845	179	SU	--	43.22	42.49	37.970	37.907
			26T	0	20.56	20.36	18.877	18.646
				--	--	--	--	--
				17	20.38	20.67	18.965	18.447
80MHz	6625	135	SU	--	84.90	84.81	77.675	77.566
			26T	0	20.94	20.77	19.009	18.755
				--	--	--	--	--
				36	20.59	20.56	19.003	18.915
	6705	151	SU	--	83.39	83.92	77.511	77.585
			26T	0	21.06	20.36	19.204	18.703
				17	20.76	20.74	18.610	18.622
				36	20.35	20.23	18.94	18.848
	6785	167	SU	--	84.79	83.92	77.311	77.369
			26T	0	20.15	20.94	18.789	18.767
				--	--	--	--	--
				36	20.44	20.38	19.339	18.965
160MHz	6665	143	SU	--	163.40	163.60	156.320	155.870
			26T	0	20.67	19.79	19.09	16.494
				36	20.61	20.69	18.496	18.518
				S36	20.76	20.89	18.812	70.939

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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	--	22.67	22.73	19.044	19.037
			26T	0	20.40	20.60	18.614	18.457
				--	--	--	--	--
				8	20.53	20.33	18.606	18.493
	6715	153	SU	--	23.34	22.08	19.055	19.032
			26T	0	20.49	20.34	18.648	18.473
				4	18.29	18.07	16.936	16.721
				8	20.53	20.40	18.514	18.442
	6855	181	SU	--	23.07	22.15	19.078	19.043
			26T	0	20.51	20.33	18.672	18.474
				--	--	--	--	--
				8	20.75	20.40	18.544	18.500
40MHz	6565	123	SU	--	44.04	43.02	38.041	37.978
			26T	0	20.25	20.40	18.472	18.401
				--	--	--	--	--
				17	20.94	20.55	18.749	18.478
	6685	147	SU	--	44.34	44.21	38.039	37.969
			26T	0	20.48	20.19	18.474	18.520
				9	21.17	20.89	19.089	19.048
				17	21.07	20.56	18.792	18.532
	6845	179	SU	--	44.41	43.92	38.039	37.952
			26T	0	20.33	20.46	18.552	18.513
				--	--	--	--	--
				17	21.18	20.87	18.170	18.612
80MHz	6625	135	SU	--	85.64	84.32	77.642	77.619
			26T	0	20.80	20.83	18.777	18.666
				--	--	--	--	--
				36	21.26	20.66	18.890	18.758
	6705	151	SU	--	84.88	83.87	77.680	77.629
			26T	0	21.20	20.43	18.728	18.704
				17	20.68	20.38	18.442	18.313
				36	21.54	20.71	19.203	18.738
	6785	167	SU	--	84.66	83.87	77.624	77.622
			26T	0	20.94	20.28	18.760	18.592
				--	--	--	--	--
				36	21.18	20.27	19.034	18.670
160MHz	6665	143	SU	--	164.30	163.90	156.350	156.250
			26T	0	21.31	20.56	18.863	18.456
				36	20.74	20.95	18.704	18.485
				S36	20.84	20.63	18.240	71.003

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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	MRU106+26T: 300kHz/910kHz	MRU: 106+26T: 510kHz/1.6MHz	MRU106+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:	BY 32480	Date:	2025-02-20 to 2025-06-27

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.

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

UNII-5 (SISO)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20 MHz	6115	33	SU	--	22.29	22.84	19.015	19.028
			MRU106+26T	82	22.33	21.03	18.272	18.129
				83	21.63	20.79	18.213	18.134
	6175	45	SU	--	22.22	21.49	19.013	18.976
			MRU106+26T	82	22.05	20.68	18.276	18.152
				83	21.27	20.63	18.133	18.149
	6415	93	SU	--	21.89	21.83	19.005	19.015
			MRU106+26T	82	22.42	20.73	18.273	18.149
				83	21.49	20.60	18.194	18.147
40 MHz	6125	35	SU	--	43.50	42.65	37.972	37.975
			MRU106+26T	82	22.36	21.18	18.190	18.001
				--	--	--	--	--
				85	21.37	20.83	18.024	18.015
	6285	67	SU	--	43.39	44.26	38.016	37.949
			MRU106+26T	82	22.26	22.17	18.013	17.894
				84	22.06	21.86	18.634	18.616
				85	20.88	21.03	17.889	17.978
	6405	91	SU	--	43.64	42.96	37.960	37.961
			MRU106+26T	82	22.49	21.21	18.221	17.962
				--	--	--	--	--
				85	21.81	20.96	18.125	18.023
80MHz	6145	39	SU	--	84.69	83.51	77.615	77.450
			MRU106+26T	82	22.11	20.99	18.298	18.029
				--	--	--	--	--
				89	21.61	20.85	18.243	18.176
	6305	71	SU	--	84.78	82.94	77.488	77.375
			MRU106+26T	82	22.51	20.64	18.166	18.005
				86	21.96	21.25	18.242	18.090
				89	22.12	21.10	18.332	18.157
	6385	87	SU	--	85.05	83.51	77.390	77.381
			MRU106+26T	82	22.44	21.34	18.435	18.124
				--	--	--	--	--
				89	21.75	20.87	18.352	18.142
160MHz	6185	47	SU	--	163.80	163.60	156.340	156.190
			52T	37	21.84	20.85	18.362	18.552
				52	20.90	20.81	18.313	18.483
				S52	20.79	20.35	18.468	18.383
	6345	79	SU	--	163.50	164.10	156.180	156.300
			52T	37	20.98	21.47	18.606	18.400
				--	--	--	--	--
				S52	20.80	20.70	18.567	18.318

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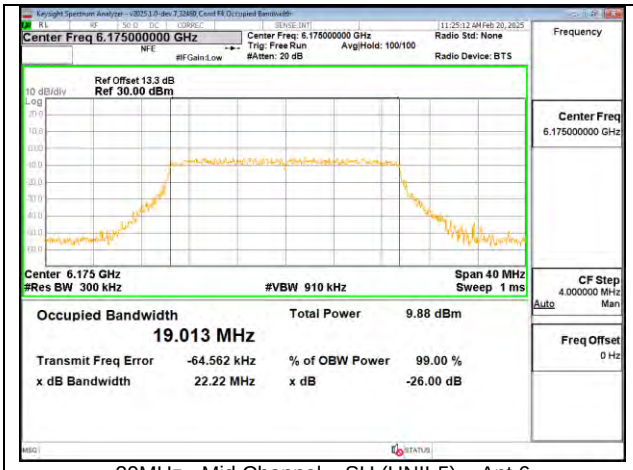
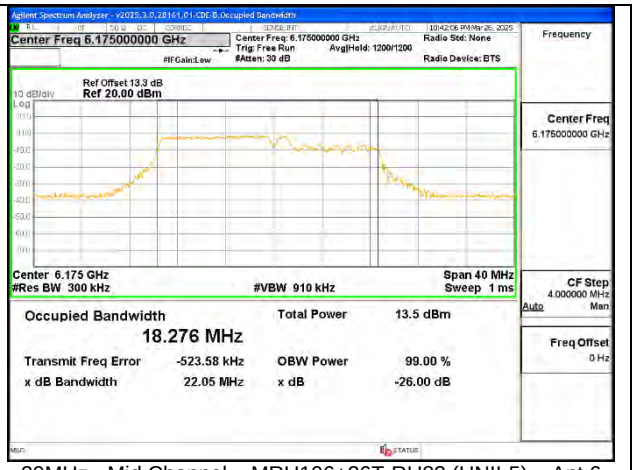
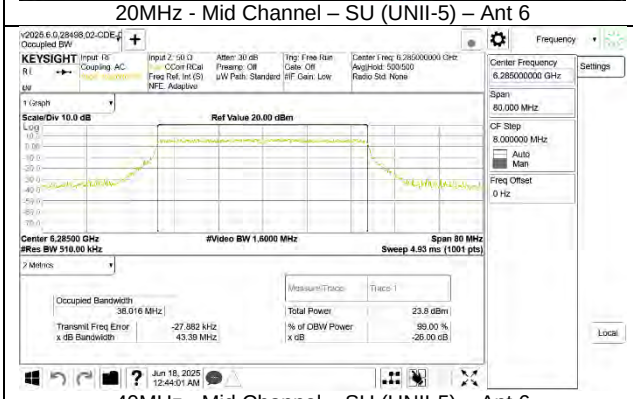


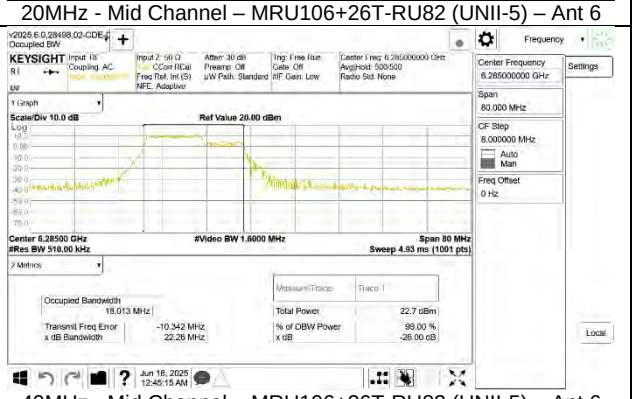
20MHz - Mid Channel – SU (UNII-5) – Ant 6



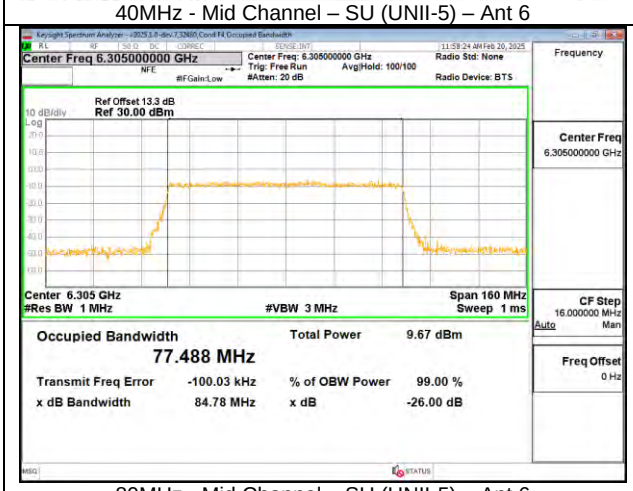
20MHz - Mid Channel – MRU106+26T-RU82 (UNII-5) – Ant 6



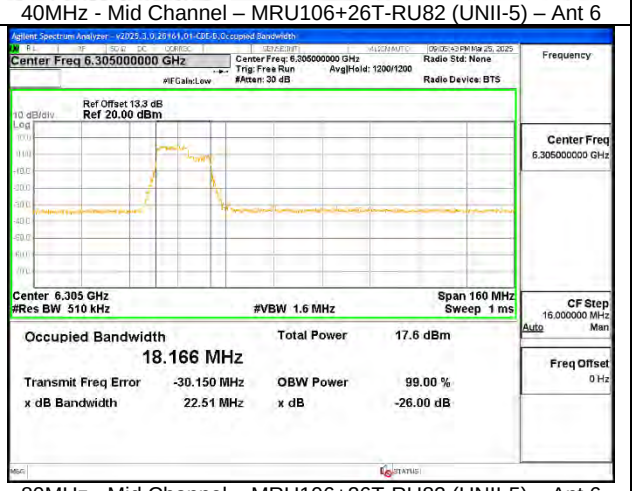
40MHz - Mid Channel – SU (UNII-5) – Ant 6



40MHz - Mid Channel – MRU106+26T-RU82 (UNII-5) – Ant 6

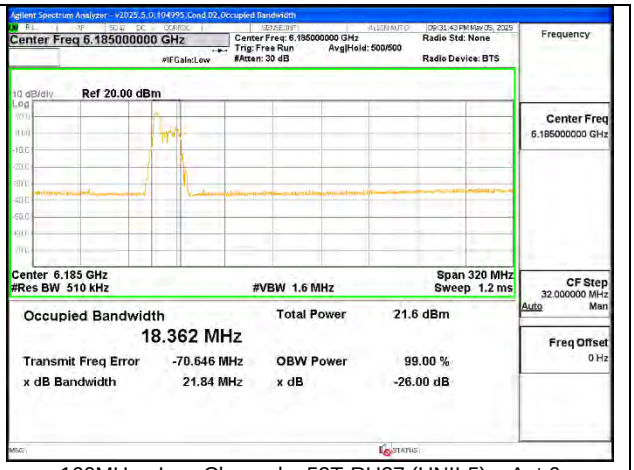


80MHz - Mid Channel – SU (UNII-5) – Ant 6



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

160MHz - Low Channel – SU (UNII-5) – Ant 6



160MHz - Low Channel – 52T-RU37 (UNII-5) – Ant 6

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

UNII-5 (MIMO CDD)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20 MHz	6115	33	SU	--	22.61	22.86	18.992	19.008
			MRU106+26T	82	22.05	20.78	18.290	18.135
				83	21.28	20.59	18.177	18.140
	6175	45	SU	--	22.80	22.09	19.048	19.007
			MRU106+26T	82	22.13	22.92	18.268	18.176
				83	21.25	20.59	18.127	18.109
	6415	93	SU	--	22.52	22.04	19.009	19.001
			MRU106+26T	82	22.54	20.83	18.263	18.114
				83	21.74	20.59	18.245	18.079
40 MHz	6125	35	SU	--	42.99	42.92	37.986	37.937
			MRU106+26T	82	22.62	21.50	18.182	17.922
				--	--	--	--	--
				85	20.87	20.70	18.109	17.959
	6285	67	SU	--	44.05	43.49	38.056	38.008
			MRU106+26T	82	21.62	21.31	17.872	17.856
				84	22.90	21.85	18.588	18.427
				85	21.21	20.65	18.012	17.589
	6405	91	SU	--	44.15	42.24	37.977	37.946
			MRU106+26T	82	22.62	21.04	18.117	17.983
				--	--	--	--	--
				85	21.67	20.63	18.090	17.912
80MHz	6145	39	SU	--	85.36	83.79	77.640	77.522
			MRU106+26T	82	21.86	21.50	18.204	17.987
				--	--	--	--	--
				89	20.94	20.60	18.202	18.067
	6305	71	SU	--	86.73	83.84	77.604	77.423
			MRU106+26T	82	21.96	21.00	18.265	17.978
				85	22.22	21.08	18.213	18.098
				89	21.51	21.00	18.177	18.094
	6385	87	SU	--	84.75	84.00	77.427	77.406
			MRU106+26T	82	22.02	20.86	18.239	18.034
				--	--	--	--	--
				89	21.34	20.82	18.393	18.034
160MHz	6185	47	SU	--	163.30	163.20	156.250	156.120
			52T	37	21.09	20.73	18.683	18.516
				52	20.44	20.97	18.798	18.556
				S52	21.42	20.67	18.960	18.849
	6345	79	SU	--	164.30	163.70	156.300	156.220
			52T	37	21.33	20.68	18.368	18.872
				--	--	--	--	--
				S52	20.43	20.68	19.013	18.520

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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	--	22.74	22.28	19.045	19.013
			MRU106+26T	82	21.99	21.29	18.339	18.127
				83	21.43	20.44	18.159	18.137
	6175	45	SU	--	23.54	22.28	19.062	19.013
			MRU106+26T	82	21.86	21.02	18.275	18.151
				83	21.34	20.67	18.180	18.118
	6415	93	SU	--	23.06	22.33	19.072	19.023
			MRU106+26T	82	22.65	21.07	18.247	18.127
				83	21.12	20.48	18.191	18.096
40 MHz	6125	35	SU	--	44.91	43.69	38.061	38.043
			MRU106+26T	82	22.60	21.78	18.093	17.975
				--	--	--	--	--
				85	21.64	21.02	17.984	18.019
	6285	67	SU	--	43.88	43.96	38.041	37.958
			MRU106+26T	82	22.07	21.58	17.792	17.928
				84	22.22	21.60	18.524	18.525
				85	21.11	20.35	17.959	17.842
	6405	91	SU	--	44.17	44.00	38.118	38.053
			MRU106+26T	82	22.15	21.50	18.165	17.969
				--	--	--	--	--
				85	21.71	20.89	18.021	17.953
80MHz	6145	39	SU	--	85.66	84.12	77.885	77.528
			MRU106+26T	82	21.69	20.92	18.173	17.894
				--	--	--	--	--
				89	20.97	20.80	18.041	17.896
	6305	71	SU	--	86.23	84.00	77.905	77.506
			MRU106+26T	82	22.28	21.03	18.133	17.983
				86	21.81	21.28	18.109	17.949
				89	21.55	20.94	18.093	18.048
	6385	87	SU	--	86.61	84.71	77.971	77.699
			MRU106+26T	82	21.50	20.69	18.184	17.985
				--	--	--	--	--
				89	21.14	20.94	17.997	17.963
160MHz	6185	47	SU	--	164.20	164.00	156.440	156.450
			52T	37	20.95	21.08	18.502	18.205
				52	20.87	21.06	18.488	18.572
				S52	21.21	20.64	18.569	18.428
	6345	79	SU	--	164.50	163.50	156.470	156.580
			52T	37	21.43	20.51	18.503	18.268
				52	21.27	20.61	18.525	18.320
				S52	20.84	20.91	18.378	18.356

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

UNII-6 (SISO)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20 MHz	6435	97	SU	--	23.33	22.83	19.196	19.047
			MRU106+26T	82	22.13	21.90	18.273	18.159
				83	21.22	20.99	18.195	18.110
	6475	105	SU	--	23.03	23.21	19.128	19.077
			MRU106+26T	82	21.67	21.97	18.245	18.180
				83	20.84	21.28	18.173	18.087
	6515	113	SU	--	23.26	23.06	19.173	19.056
			MRU106+26T	82	22.10	21.71	18.226	18.213
				83	21.15	21.05	18.143	18.188
40 MHz	6445	99	SU	--	44.33	43.74	38.022	38.024
			MRU106+26T	82	22.40	21.52	17.979	18.038
				--	--	--	--	--
				85	21.72	21.67	17.971	18.052
	6485	107	SU	--	44.47	44.08	38.037	37.985
			MRU106+26T	82	22.01	21.37	17.986	17.997
				84	22.37	22.31	18.504	18.562
				85	21.07	21.60	18.009	18.062
	6525(Straddle)	115	SU	--	43.88	43.97	38.057	38.039
			MRU106+26T	82	22.08	22.06	18.041	18.008
				--	--	--	--	--
				85	21.69	21.09	17.930	17.909
80MHz	6465	103	SU	--	82.40	82.56	77.522	77.466
			MRU106+26T	82	22.42	21.76	18.067	18.128
				85	21.95	21.22	18.307	18.205
				89	21.72	20.69	18.084	18.135
160MHz	6505(Straddle)	111	SU	--	165.30	166.00	156.860	156.710
			52T	37	21.46	21.20	18.560	18.765
				52	20.92	21.00	18.468	18.378
				S52	20.01	21.30	18.838	18.528

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	--	22.64	22.84	19.066	19.017
			MRU106+26	82	22.53	20.97	18.171	18.081
				83	20.90	20.55	17.992	18.077
	6475	105	SU	--	23.22	22.05	19.039	19.076
			MRU106+26	82	21.73	20.50	18.065	17.969
				83	21.09	20.53	18.103	18.130
	6515	113	SU	--	22.65	22.60	19.081	19.057
			MRU106+26	82	21.73	20.74	18.223	18.086
				83	21.49	20.55	18.133	18.104
40 MHz	6445	99	SU	--	44.84	44.55	38.034	37.995
			MRU106+26	82	21.78	21.28	18.079	17.929
				--	--	--	--	--
				85	21.18	20.47	18.101	17.908
	6485	107	SU	--	43.55	43.19	38.006	38.022
			MRU106+26	82	22.59	21.36	18.003	17.868
				84	22.35	21.53	18.673	18.493
				85	21.48	21.08	18.051	17.860
	6525 (Straddle)	115	SU	--	44.11	43.81	38.024	38.042
			MRU106+26	82	22.71	21.03	18.065	17.931
				--	--	--	--	--
				85	20.97	20.96	17.971	17.746
80MHz	6465	103	SU	--	82.27	82.00	77.584	77.575
			MRU106+26	82	21.78	21.19	18.000	17.902
				85	--	--	--	--
				89	21.65	21.23	18.119	17.843
160MHz	6505 (Straddle)	111	SU	--	167.70	166.30	156.870	156.660
			52T	37	21.81	21.10	18.689	18.493
				52	21.17	20.94	18.656	18.287
				S52	20.67	20.87	18.647	18.345

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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	--	22.53	22.11	19.082	19.026
			MRU106+26T	82	21.80	21.15	18.205	17.829
				83	21.08	20.29	17.996	18.038
	6475	105	SU	--	23.08	22.13	19.007	19.013
			MRU106+26T	82	21.88	20.77	18.186	18.061
				83	20.91	20.76	17.762	17.795
	6515	113	SU	--	22.84	21.70	19.015	18.994
			MRU106+26T	82	21.86	20.69	18.184	18.034
				83	21.12	20.72	18.136	18.115
40 MHz	6445	99	SU	--	44.10	43.16	38.040	37.966
			MRU106+26T	82	21.74	21.15	17.995	17.839
				--	--	--	--	--
				85	21.90	20.82	17.982	17.853
	6485	107	SU	--	43.79	42.95	38.040	37.987
			MRU106+26T	82	22.20	21.25	17.939	17.823
				84	22.24	21.24	18.458	18.460
				85	21.01	20.62	18.035	17.984
	6525 (Straddle)	115	SU	--	43.95	43.53	38.004	37.929
			MRU106+26T	82	21.41	20.94	17.934	17.933
				--	--	--	--	--
				85	21.16	20.70	17.987	17.915
80MHz	6465	103	SU	--	82.38	81.93	77.465	77.259
			MRU106+26T	82	21.46	20.23	18.040	17.703
				85	21.27	20.80	18.229	17.910
				89	20.59	20.89	17.854	17.956
160MHz	6505 (Straddle)	111	SU	--	164.60	164.30	156.530	156.590
			52T	37	21.02	20.86	18.432	18.145
				52	20.80	20.80	18.321	18.353
				S52	20.71	20.98	18.514	18.477

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

UNII-7 (SISO)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20MHz	6535	117	SU	--	22.10	21.72	18.985	18.979
			MRU106+26T	82	21.94	20.28	18.229	18.116
				83	21.58	20.52	18.134	18.119
	6715	153	SU	--	22.54	21.72	19.027	19.035
			MRU106+26T	82	22.18	20.97	18.238	18.065
				83	21.45	20.51	18.171	18.195
	6875 (Straddle)	185	SU	--	24.75	22.90	19.097	19.083
			MRU106+26T	82	21.48	21.85	18.147	18.15
				83	20.89	21.18	18.045	18.061
40MHz	6565	123	SU	--	43.82	43.27	38.03	37.901
			MRU106+26T	82	21.96	21.24	18.081	17.974
				--	--	--	--	--
				85	21.61	20.96	18	17.971
	6685	147	SU	--	42.73	43.16	38.019	37.936
			MRU106+26T	82	22.05	21.32	18.094	17.869
				84	22.67	22.09	18.652	18.433
				85	21.23	20.70	10.23	17.983
	6845	179	SU	--	43.51	42.34	38.076	37.862
			MRU106+26T	82	21.57	21.34	18.032	17.898
				--	--	--	--	--
				85	20.84	21.13	17.982	17.963
80MHz	6545 (Straddle)	119	SU	--	84.22	84.16	77.423	77.596
			MRU106+26T	82	22.47	21.38	18.189	17.999
				--	--	--	--	--
				89	21.36	20.69	18.192	17.934
	6705	151	SU	--	84.93	83.64	77.473	77.649
			MRU106+26T	82	21.94	21.12	18.087	18.022
				86	22.09	21.62	18.202	17.984
				89	21.82	20.89	18.101	18.07
	6865 (Straddle)	183	SU	--	82.04	82.06	77.476	77.537
			MRU106+26T	82	22.36	21.13	18.091	18.027
				--	--	--	--	--
				89	21.16	21.16	17.868	17.933
160MHz	6665	143	SU	--	163.30	163.40	156.2	156.16
			52T	37	21.37	21.32	19.014	18.957
				52	20.99	20.22	18.982	18.942
				S52	20.72	21.18	19.09	19.085
	6825 (Straddle)	175	SU	--	164.30	165.20	156.57	156.61
			52T	37	21.21	21.32	18.119	18.545
				52	22.14	22.11	18.878	18.656
				S52	21.09	21.98	19.004	18.178

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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	--	21.97	22.29	19.020	19.031
			MRU106+26T	82	22.27	21.18	18.255	18.101
				83	21.27	20.62	18.110	18.119
	6715	153	SU	--	22.44	22.46	19.018	19.023
			MRU106+26T	82	22.25	20.84	18.245	18.026
				83	21.75	22.41	18.146	18.180
	6875 (Straddle)	185	SU	--	22.96	22.68	19.079	19.038
			MRU106+26T	82	21.59	20.64	18.227	17.841
				83	21.15	20.57	18.108	18.096
40MHz	6565	123	SU	--	43.45	43.15	37.986	37.924
			MRU106+26T	82	20.07	21.29	18.010	17.935
				--	--	--	--	--
				85	21.75	20.79	18.106	17.959
	6685	147	SU	--	43.14	43.19	37.970	37.974
			MRU106+26T	82	22.16	21.17	18.042	17.947
				84	22.66	21.47	18.628	18.506
				85	21.01	20.77	18.016	17.966
	6845	179	SU	--	42.75	42.56	37.965	37.900
			MRU106+26T	82	22.18	21.21	18.172	17.937
				--	--	--	--	--
				85	21.45	21.05	18.021	18.033
80MHz	6545 (Straddle)	119	SU	--	83.85	84.36	77.469	77.413
			MRU106+26T	82	21.97	21.10	18.277	17.910
				--	--	--	--	--
				89	21.49	20.88	18.247	18.037
	6705	151	SU	--	84.62	83.04	77.647	77.398
			MRU106+26T	82	22.34	21.21	18.211	17.976
				86	22.41	20.64	18.073	17.999
				89	21.96	20.78	18.226	17.878
	6865 (Straddle)	183	SU	--	81.83	82.08	77.464	77.456
			MRU106+26T	82	22.26	20.87	18.165	17.961
				--	--	--	--	--
				89	21.34	20.62	18.067	17.936
160MHz	6665	143	SU	--	163.30	163.50	156.270	155.890
			52T	37	21.11	20.94	18.994	18.809
				52	21.58	20.72	19.070	18.590
				S52	21.33	20.42	19.416	18.679
	6825	175	SU	--	164.50	164.40	156.62	156.67
			52T	37	21.65	20.97	18.955	18.889
				52	21.48	20.64	19.023	18.656
				S52	21.63	20.88	19.444	18.781

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	--	22.69	22.28	19.111	19.041
			MRU106+26T	82	21.81	20.89	18.187	18.082
				83	21.16	20.84	17.842	17.999
	6715	153	SU	--	22.93	22.73	19.016	19.030
			MRU106+26T	82	21.97	20.81	18.062	18.086
				83	21.39	20.54	18.151	18.040
	6875 (Straddle)	185	SU	--	21.49	22.07	18.957	19.040
			MRU106+26T	82	21.86	20.89	18.140	18.125
				83	21.26	20.59	18.190	18.114
40MHz	6565	123	SU	--	43.88	43.69	38.064	37.977
			MRU106+26T	82	22.38	20.99	17.968	17.809
				--	--	--	--	--
				85	21.03	20.29	18.034	17.842
	6685	147	SU	--	43.84	43.60	38.062	38.008
			MRU106+26T	82	22.36	21.66	17.798	17.887
				84	21.90	21.81	18.414	18.437
				85	21.34	20.36	17.502	17.873
	6845	179	SU	--	43.91	43.85	38.024	37.970
			MRU106+26T	82	21.58	20.97	18.080	17.904
				--	--	--	--	--
				85	21.28	21.06	18.039	17.908
80MHz	6545 (Straddle)	119	SU	--	84.56	84.15	77.608	77.476
			MRU106+26T	82	22.95	21.86	18.361	18.166
				--	--	--	--	--
				89	21.67	18.23	18.395	21.940
	6705	151	SU	--	85.04	84.47	77.645	77.500
			MRU106+26T	82	21.96	21.44	18.235	18.162
				86	21.62	21.80	18.258	18.014
				89	20.85	21.14	18.324	18.082
	6865 (Straddle)	183	SU	--	82.26	82.47	77.480	77.527
			MRU106+26T	82	22.38	21.35	18.125	17.841
				--	--	--	--	--
				89	21.71	20.69	18.260	18.085
160MHz	6665	143	SU	--	164.00	164.10	156.420	156.120
			52T	37	21.22	21.11	18.304	18.450
				52	20.62	21.22	18.343	18.643
				S52	21.59	21.34	18.643	18.388
	6825 (Straddle)	175	SU	--	165.40	165.30	156.550	157.000
			52T	37	21.44	21.04	18.575	18.353
				52	21.03	21.35	18.195	18.369
				S52	20.96	20.90	18.407	18.595

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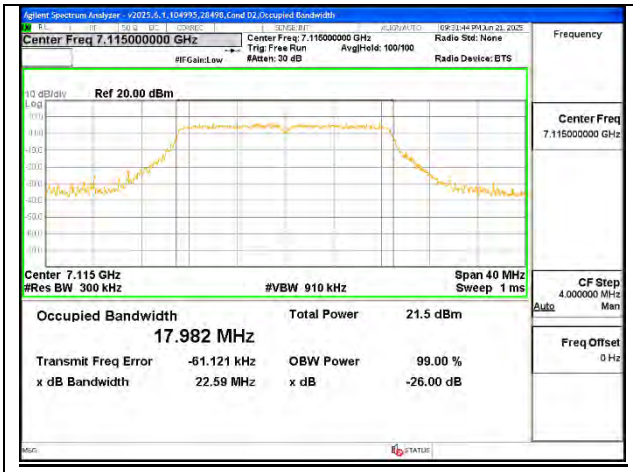
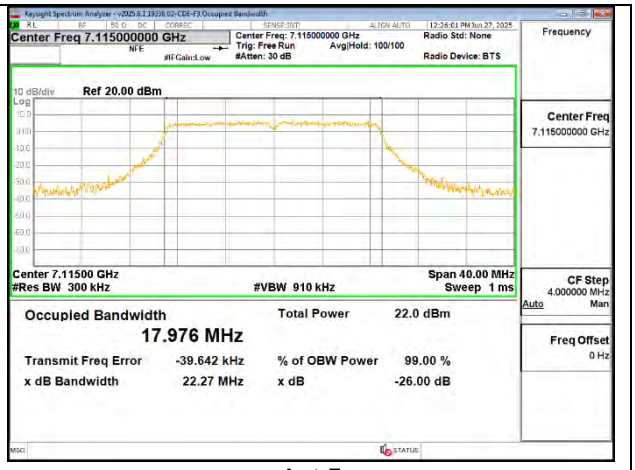
9.4.10. 802.11a SISO MODE IN THE UNII-8 BAND

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	--	--	22.59	22.27	17.982	17.976



Ant 6



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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	--	22.64	22.69	19.027	19.087
			MRU106+26T	82	21.91	21.86	18.17	18.189
				83	21.06	20.64	18.05	18.13
	6995	209	SU	--	22.83	23.15	19.075	19.049
			MRU106+26T	82	21.91	21.74	18.227	18.152
				83	20.93	21.07	18.115	17.912
	7095	229	SU	--	22.54	22.68	19.088	19.047
			MRU106+26T	82	21.34	21.69	18.183	18.175
				83	21.03	19.34	17.193	17.356
40MHz	6885 (Straddle)	187	SU	--	43.97	43.74	38.008	38.049
			MRU106+26T	82	22.41	21.70	18.007	17.961
				--	--	--	--	--
				85	21.32	20.78	18.006	17.872
	6965	203	SU	--	43.74	44.24	37.964	38.03
			MRU106+26T	82	22.03	22.01	18.009	18.012
				84	20.03	20.47	18.142	17.768
				85	20.95	21.55	17.829	17.944
	7085	227	SU	--	43.92	44.39	38.003	38.13
			MRU106+26T	82	21.39	22.48	17.992	18.033
				--	--	--	--	--
				85	20.99	21.19	17.931	18.021
80MHz	6945	199	SU	--	82.59	82.19	77.503	77.445
			MRU106+26T	82	21.93	21.66	18.129	17.903
				85	21.36	20.73	17.897	17.787
				89	21.12	21.54	17.926	17.878
	7025	215	SU	--	82.23	81.62	77.571	77.465
			MRU106+26T	82	21.76	21.71	18.12	18.059
				85	21.48	21.50	17.998	18.014
				89	20.80	21.48	17.838	18.119
160MHz	6985	207	SU	--	165.60	164.70	157.18	156.85
			52T	37	21.50	21.29	18.499	18.913
				52	21.54	21.00	18.453	18.435
				S52	21.31	20.63	18.552	18.325

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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	--	--	22.62	21.76	17.911	17.86

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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	--	22.59	22.40	19.085	19.038
			MRU106+26T	82	21.48	20.68	18.127	18.071
				83	21.39	20.53	18.160	18.146
	6995	209	SU	--	22.76	22.46	19.011	19.045
			MRU106+26T	82	21.47	20.99	18.149	18.077
				83	20.76	20.50	18.155	18.166
	7095	229	SU	--	22.81	22.55	19.014	19.044
			MRU106+26T	82	20.39	20.51	18.045	17.195
				83	21.07	20.36	18.213	17.178
40MHz	6885 (Straddle)	187	SU	--	43.20	43.19	38.060	37.987
			MRU106+26T	82	22.27	21.17	18.027	17.842
				--	--	--	--	--
				85	22.03	21.58	18.145	18.048
	6965	203	SU	--	43.61	43.44	38.016	37.957
			MRU106+26T	82	22.09	20.97	18.037	17.873
				84	21.55	21.68	18.044	17.898
				85	21.89	21.74	18.124	17.968
	7085	227	SU	--	37.99	42.98	43.210	38.020
			MRU106+26T	82	21.68	21.00	17.846	17.798
				--	--	--	--	--
				85	22.01	21.97	17.995	18.012
80MHz	6945	199	SU	--	82.36	81.96	77.524	77.459
			MRU106+26T	82	22.47	21.96	17.957	18.002
				85	20.93	21.04	18.013	17.953
				89	20.92	20.93	17.906	17.989
	7025	215	SU	--	81.88	82.61	77.435	77.574
			MRU106+26T	82	20.96	21.57	18.003	17.926
				85	21.25	20.88	17.839	17.654
				89	21.14	20.78	18.046	17.806
160MHz	6985	207	SU	--	166.80	167.00	156.730	157.060
			52T	37	21.92	20.63	18.598	18.179
				52	21.29	21.01	18.626	18.426
				S52	21.22	21.01	18.596	18.393

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

UNII-8 (MIMO SDM)	Frequency (MHz)	Channel Number	Tone	RU Index	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5
20MHz	6895	189	SU	--	23.27	22.39	19.067	19.021
			MRU106+26T	82	21.77	20.51	18.168	18.081
				83	21.32	20.23	18.184	18.006
	6995	209	SU	--	22.68	22.53	19.008	19.012
			MRU106+26T	82	21.71	20.88	18.201	18.059
				83	20.82	20.83	18.155	18.055
	7095	229	SU	--	22.44	22.35	19.054	19.011
			MRU106+26T	82	21.27	20.32	18.195	17.139
				83	20.42	20.25	17.866	18.003
40MHz	6885(Straddle)	187	SU	--	44.22	43.56	38.002	38.061
			MRU106+26T	82	21.17	21.03	17.925	17.987
				--	--	--	--	--
				85	21.11	20.63	17.988	17.741
	6965	203	SU	--	43.10	43.70	38.043	38.002
			MRU106+26T	82	21.94	21.22	17.973	17.921
				84	22.11	21.64	18.522	18.357
				85	21.12	20.81	18.016	17.971
	7085	227	SU	--	43.82	43.59	38.027	37.977
			MRU106+26T	82	22.27	21.00	18.029	17.881
				--	--	--	--	--
				85	21.30	20.42	17.990	17.906
80MHz	6945	199	SU	--	81.82	82.37	77.438	77.446
			MRU106+26T	82	21.25	21.54	18.139	18.056
				85	20.86	20.96	17.961	17.820
				89	21.11	20.84	17.986	18.023
	7025	215	SU	--	82.42	81.89	77.563	77.537
			MRU106+26T	82	21.35	21.20	17.994	17.973
				85	21.42	20.79	17.810	17.836
				89	21.32	20.72	18.078	18.057
160MHz	6985	207	SU	--	164.20	164.30	156.840	156.880
			52T	37	21.09	21.15	18.361	18.419
				52	20.84	20.71	18.451	18.338
				S52	21.13	20.67	18.411	18.326

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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.

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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 caculation. 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)	3.50	-4.90	1.08	3.29
	Sub-band 2 (6115 - 6255)	4.10	-6.60	1.44	3.31
	Sub-band 3 (6275 - 6415)	2.20	-6.80	-0.30	1.83
6425 - 6525 UNII-6	N/A, 6435	1.50	-6.50	-0.87	1.40
UNII-6/7 (Straddle Channel)	N/A	1.90	-6.50	-0.52	1.69
6525 - 6875 UNII-7	6855, 6555	1.90	-7.00	-0.58	1.55
UNII-7/8 (Straddle Channel)	N/A	3.70	-7.00	1.04	2.91
6875 - 7125 UNII-8	N/A, 7115	3.70	-8.20	0.96	2.66

DIRECTIONAL GAIN CALCULATION:

ANSI C63.10 section 14.4.3

Uncorrelated directional gain=10*LOG((10^(Ant6/10)+10^(Ant5/10))/2)
Correlated directional Gain=10*LOG(((10^(Ant6/20)+10^(Ant5/20))^2)/2)

Sample Calculation at UNII-5 Band:

Ant6=3.5, Ant5=-4.90

Uncorrelated Antenna gain=10log[(10^(3.5/10)+10^(-4.90/10))/2]=1.08dBi

Correlated Antenna gain=10log[(10^(3.5/20)+10^(-4.90/20))^2)/2]=3.29dBi

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EIRP Calculation:

1Tx
EIRP corr'd power =Ant6 + Antenna Gain

Sample Calculation at UNII-5 Band LP:
Ant6(low channel SU) Power=4.99 dBm

EIRP corr'd power = 4.99 + 3.5 = 8.49 dBm

2Tx
EIRP corr'd power = 10*LOG(10^(Ant6/10)+10^(Ant5/10)) + uncorrelated directional gain

Sample Calculation at UNII-5 Band LP CDD:
Ant6(low channel SU) Power=1.93 dBm, Ant5 Power=1.92

EIRP corr'd power =10*LOG(10^(1.93/10)+10^(1.92/10)) + (1.08) = 6.02 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= -5.632 dBm/1MHz

EIRP corr'd PSD = 0.13 + (-5.632) + (3.5) = -2.002 dBm/1MHz

2Tx (CDD)
EIRP corr'd PSD = (10*LOG(10^((DCCF +Ant6)/10)+10^((DCCF+Ant5)/10)))+correlated directional gain

Sample Calculation at UNII-5 Band LP CDD:
Ant6(low channel SU) PSD=-10.158 dBm/1MHz, Ant5 PSD=-10.603 dBm/1MHz

EIRP corr'd PSD =(10*LOG(10^((0.13+(-10.158))/10)+10^((0.13+(-10.603))/10)))+(3.29) = -3.945 dBm/1MHz

2Tx (SDM)
EIRP corr'd PSD = =(10*LOG(10^((DCCF+C39)/10)+10^((DCCF +D39)/10)))+uncorrelated directional gain

Sample Calculation at UNII-5 Band LP:
Ant6(low channel SU) PSD=-6.533 dBm/1MHz, Ant5 PSD=-7.348 dBm/1MHz

EIRP corr'd PSD =(10*LOG(10^((0.13+(-6.533))/10)+10^((0.13+(-7.348))/10)))+(1.08) = -2.701 dBm/1MHz

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

LP UNII-5 (SISO)	Duty Factor (dB)		Ant 6 Gain (dBi)	Ant 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 24dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = -1 dBm/MHz EIRP)	
	SU	Partial RU							Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
20MHz	0.13	0.1	3.50	-4.90	5955	1	SU	--	4.99	13.38	8.49	8.48	-5.632	3.609	-2.002	-1.161
							MRU	82	1.89	10.27	5.39	5.37	-6.635	2.274	-3.035	-2.526
							106+26T	83	1.88	10.21	5.38	5.31	-6.453	2.483	-2.853	-2.317
			4.10	-6.60	6175	45	SU	--	5.14	15.89	9.24	9.29	-6.162	5.377	-1.932	-1.093
							MRU	82	2.63	13.35	6.73	6.75	-6.677	5.461	-2.477	-1.039
							106+26T	83	2.69	13.37	6.79	6.77	-6.259	5.305	-2.059	-1.195
			2.20	-6.80	6415	93	SU	--	7.25	16.33	9.45	**9.53**	-3.454	5.491	-1.124	-1.179
							MRU	82	4.67	13.69	6.87	6.89	-3.886	5.396	-1.586	-1.304
							106+26T	83	4.69	13.64	6.89	6.84	-3.928	5.362	-1.628	-1.338
40MHz	0.23	0	3.50	-4.90	5965	3	SU	--	7.64	16.28	11.14	11.38	-6.361	3.169	-2.631	-1.501
							106T	53	0.94	9.38	4.44	4.48	-7.194	2.516	-3.694	-2.384
								54	0.94	9.49	4.44	4.59	-6.894	2.562	-3.394	-2.338
								56	0.99	9.43	4.49	4.53	-6.996	2.327	-3.496	-2.573
			4.10	-6.60	6165	43	SU	--	8.09	18.88	12.19	12.28	-6.587	5.132	-2.257	-1.238
							106T	53	1.66	12.41	5.76	5.81	-7.265	4.573	-3.165	-2.027
								54	1.68	12.47	5.78	5.87	-6.951	4.200	-2.851	-2.400
								56	1.69	12.49	5.79	5.89	-7.108	4.345	-3.008	-2.255
			2.20	-6.80	6405	91	SU	--	10.19	19.38	12.39	**12.58**	-3.891	5.160	-1.461	-1.410
							106T	53	3.77	12.98	5.97	6.18	-4.355	4.960	-2.155	-1.840
								54	3.84	12.87	6.04	6.07	-4.102	5.285	-1.902	-1.515
								56	3.88	12.86	6.08	6.06	-4.206	5.236	-2.006	-1.564
80MHz	0.41	0	3.50	-4.90	5985	7	SU	--	10.89	19.21	14.39	14.31	-5.817	2.881	-1.907	-1.609
							484T	65	7.50	16.19	11.00	11.29	-6.011	1.955	-2.511	-2.945
								66	7.68	16.25	11.18	11.35	-5.977	2.007	-2.477	-2.893
			4.10	-6.60	6145	39	SU	--	11.26	19.41	**15.36**	12.81	-6.208	2.724	-1.698	-3.466
							484T	65	8.09	18.85	12.19	12.25	-6.678	3.951	-2.578	-2.649
								66	8.05	18.88	12.15	12.28	-7.037	3.976	-2.937	-2.624
			2.20	-6.80	6385	87	SU	--	12.92	19.49	15.12	12.69	-5.092	2.619	-2.482	-3.771
							484T	65	10.15	19.05	12.35	12.25	-5.075	3.940	-2.875	-2.860
								66	10.14	19.08	12.34	12.28	-4.827	4.073	-2.627	-2.727
160MHz	0.61	0	3.50	-4.90	6025	15	SU	--	13.77	18.81	17.27	13.91	-6.019	-0.046	-1.909	-4.336
							52T	37	-0.89	7.77	2.61	2.87	-7.364	2.211	-3.864	-2.689
								52	-0.85	7.66	2.65	2.76	-7.925	2.455	-4.425	-2.445
								S52	-0.95	7.69	2.55	2.79	-8.448	-5.995	-4.948	-10.895
			4.10	-6.60	6185	47	SU	--	14.04	18.91	**18.14**	12.31	-6.619	-0.869	-1.909	-6.859
							52T	37	-1.34	9.35	2.76	2.75	-8.741	3.728	-4.641	-2.872
								52	-1.38	9.38	2.72	2.78	-9.062	3.355	-4.962	-3.245
								S52	-1.37	9.25	2.73	2.65	-8.867	3.092	-4.767	-3.508
			2.20	-6.80	6345	79	SU	--	15.89	18.87	18.09	12.07	-4.649	-1.137	-1.839	-7.327
							52T	37	0.42	9.55	2.62	2.75	-6.947	3.895	-4.747	-2.905
								52	0.36	9.42	2.56	2.62	-6.310	3.530	-4.110	-3.270
								S52	0.40	9.39	2.60	2.59	-5.995	3.738	-3.795	-3.062

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)

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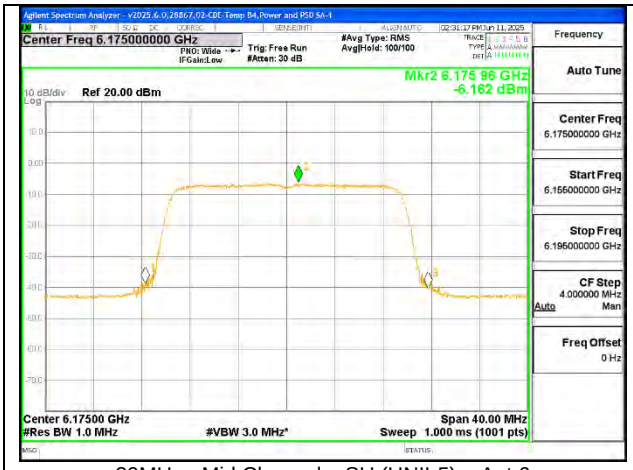

20MHz - Mid Channel – SU (UNII-5) – Ant 6

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

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	0.13	0.1	1.08	3.29	5955	1	SU	--	1.93	1.92	6.02	-10.158	-10.603	-3.945
							MRU	82	-0.94	-0.97	3.14	-10.546	-10.307	-4.025
							106+26T	83	-0.98	-1.07	3.07	-10.454	-10.802	-4.224
			1.44	3.31	6175	45	SU	--	2.89	2.81	**7.30**	-8.747	-8.949	-2.397
							MRU	82	0.45	0.44	4.90	-8.650	-8.797	-2.303
							106+26T	83	0.41	0.38	4.85	-8.727	-8.445	-2.163
			-0.3	1.83	6415	93	SU	--	4.48	4.55	7.23	-7.385	-6.942	-2.188
							MRU	82	1.95	1.98	4.68	-7.178	-7.654	-2.469
							106+26T	83	1.88	1.93	4.62	-7.719	-7.501	-2.668
40MHz	0.23	0	1.08	3.29	5965	3	SU	--	4.85	4.88	8.96	-10.204	-9.952	-3.546
							106T	53	-1.73	-1.78	2.34	-10.168	-10.518	-4.039
								54	-1.71	-1.77	2.35	-10.172	-10.276	-3.923
								56	-1.72	-1.78	2.34	-10.373	-10.103	-3.936
			1.44	3.31	6165	43	SU	--	5.78	5.85	10.27	-9.061	-8.941	-2.450
							106T	53	-0.58	-0.55	3.89	-9.019	-8.859	-2.618
								54	-0.54	-0.61	3.88	-8.889	-9.211	-2.727
								56	-0.68	-0.66	3.78	-8.951	-9.117	-2.713
			-0.3	1.83	6405	91	SU	--	7.58	7.58	**10.29**	-7.139	-6.897	-1.946
							106T	53	1.06	1.11	3.80	-7.180	-7.324	-2.411
								54	1.15	1.14	3.86	-7.067	-6.828	-2.106
								56	1.09	1.16	3.84	-7.364	-7.302	-2.493
80MHz	0.41	0	1.08	3.29	5985	7	SU	--	8.04	8.09	12.16	-9.741	-9.734	-3.027
							484T	65	4.81	4.88	8.94	-10.165	-9.686	-3.619
								66	4.82	4.81	8.91	-9.545	-9.581	-3.263
			1.44	3.31	6145	39	SU	--	9.02	9.05	**13.49**	-8.920	-8.669	-2.062
							484T	65	5.80	5.87	10.29	-9.180	-8.920	-2.728
								66	5.88	5.82	10.30	-8.752	-8.942	-2.526
			-0.3	1.83	6385	87	SU	--	10.22	10.24	12.94	-7.111	-7.335	-1.971
							484T	65	7.33	7.32	10.04	-7.123	-7.162	-2.302
								66	7.34	7.29	10.03	-6.957	-7.245	-2.258
160MHz	0.61	0	1.08	3.29	6025	15	SU	--	10.95	10.88	15.01	-9.631	-9.638	-2.724
							52T	37	-3.67	-3.62	0.45	-9.710	-9.609	-3.359
								52	-3.78	-3.67	0.37	-9.653	-9.664	-3.358
								S52	-3.71	-3.61	0.43	-9.344	-9.251	-2.997
			1.44	3.31	6185	47	SU	--	11.84	11.89	**16.32**	-8.847	-8.892	-1.939
							52T	37	-3.56	-3.71	0.82	-9.325	-9.285	-2.985
								52	-3.54	-3.64	0.86	-9.304	-9.039	-2.849
								S52	-3.61	-3.65	0.82	-9.617	-9.131	-3.047
			-0.3	1.83	6345	79	SU	--	13.26	13.22	15.95	-7.347	-7.594	-2.018
							52T	37	-2.15	-2.14	0.57	-7.971	-7.774	-3.031
								52	-2.20	-2.21	0.51	-7.633	-7.918	-2.933
								S52	-2.22	-2.16	0.52	-7.711	-7.585	-2.807

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)

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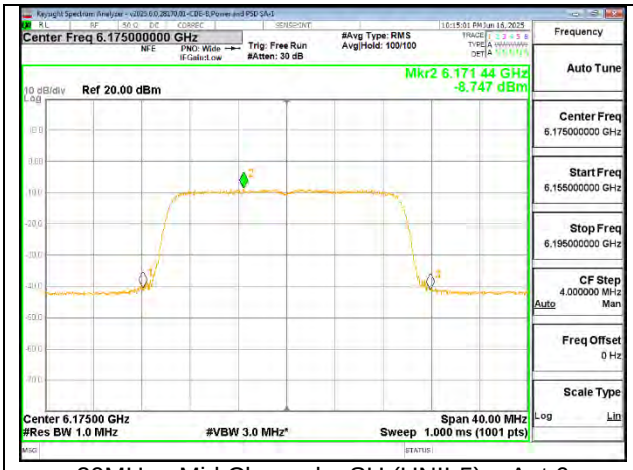
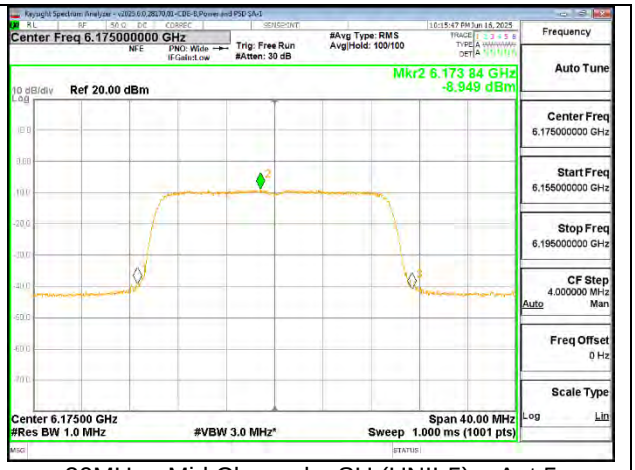


20MHz - Mid Channel – SU (UNII-5) – Ant 6



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

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

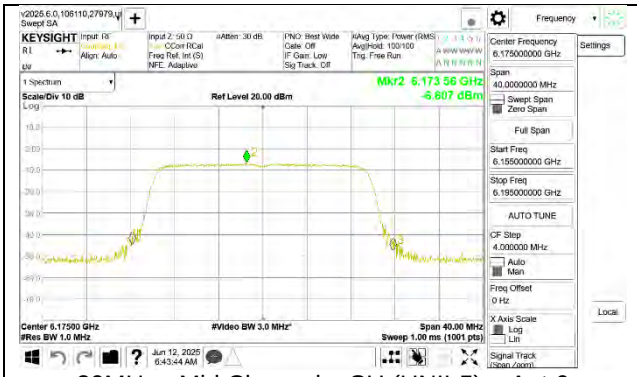
20MHz - Mid Channel – MRU106+26T, RU82 (UNII-5) – Ant 5

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

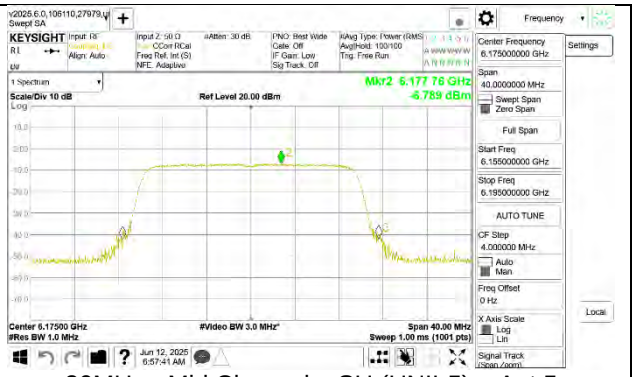
LP SDM UNII-5 (MIMO)	Duty Factor (dB)		Un-Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 24dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -1 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0.13	0	1.08	3.29	5955	1	SU	--	4.32	4.30	8.40	-6.533	-7.348	-2.701
							MRU	82	1.26	1.28	5.36	-7.426	-8.184	-3.698
							106+26T	83	1.27	1.29	5.37	-7.223	-7.944	-3.478
			1.44	3.31	6175	45	SU	--	4.75	4.78	9.22	-6.607	-6.789	-2.117
							MRU	82	2.33	2.32	6.78	-6.521	-6.507	-2.064
							106+26T	83	2.39	2.39	6.84	-6.537	-6.709	-2.172
			-0.3	1.83	6415	93	SU	--	6.66	6.57	**9.33**	-4.249	-4.592	-1.577
							MRU	82	4.18	4.15	6.88	-5.197	-4.765	-2.265
							106+26T	83	4.15	4.17	6.87	-4.635	-4.727	-1.970
40MHz	0.23	0.1	1.08	3.29	5965	3	SU	--	7.09	7.05	11.16	-6.666	-7.231	-2.619
							106T	53	0.44	0.46	4.54	-6.958	-7.790	-3.164
								54	0.49	0.47	4.57	-6.863	-7.424	-2.944
								56	0.48	0.46	4.56	-7.305	-7.878	-3.392
			1.44	3.31	6165	43	SU	--	7.73	7.77	12.20	-5.990	-6.406	-1.513
							106T	53	1.27	1.24	5.71	-6.802	-6.979	-2.339
								54	1.25	1.28	5.72	-6.466	-6.658	-2.011
								56	1.19	1.29	5.69	-6.381	-7.327	-2.278
			-0.3	1.83	6405	91	SU	--	9.67	9.66	**12.38**	-6.142	-6.311	-3.285
							106T	53	3.25	3.37	6.02	-3.942	-4.569	-1.434
								54	3.26	3.35	6.02	-3.534	-4.109	-1.002
								56	3.28	3.33	6.02	-3.473	-4.374	-1.090
80MHz	0.41	0.11	1.08	3.29	5985	7	SU	--	10.28	10.26	14.36	-6.528	-6.890	-2.205
							484T	65	7.07	7.07	11.16	-6.645	-7.715	-2.947
								66	7.08	7.01	11.14	-6.909	-7.298	-2.899
			1.44	3.31	6145	39	SU	--	10.88	10.78	**15.28**	-6.109	-6.302	-1.344
							484T	65	7.68	7.74	12.16	-6.944	-6.863	-2.343
								66	7.68	7.73	12.16	-6.349	-6.442	-1.835
			-0.3	1.83	6385	87	SU	--	12.32	12.35	15.05	-4.816	-4.134	-1.341
							484T	65	9.51	9.56	12.25	-4.778	-4.150	-1.632
								66	9.54	9.59	12.28	-4.434	-4.015	-1.399
160MHz	0.6	0	1.08	3.29	6025	15	SU	--	13.09	13.15	17.21	-6.343	-6.899	-1.922
							52T	37	-1.49	-1.45	2.62	-6.258	-7.117	-2.576
								52	-1.50	-1.44	2.62	-6.373	-6.776	-2.480
								S52	-1.54	-1.47	2.59	-6.512	-6.607	-2.469
			1.44	3.31	6185	47	SU	--	13.61	13.66	18.09	-6.110	-6.222	-1.115
							52T	37	-1.64	-1.66	2.80	-6.713	-7.269	-2.532
								52	-1.62	-1.78	2.75	-6.592	-6.997	-2.339
								S52	-1.61	-1.71	2.79	-6.634	-6.923	-2.326
			-0.3	1.83	6345	79	SU	--	15.41	15.42	**18.13**	-6.364	-6.533	-3.137
							52T	37	-0.02	-0.03	2.69	-5.227	-5.058	-2.431
								52	-0.05	-0.06	2.66	-5.630	-5.025	-2.607
								S52	-0.09	-0.08	2.63	-5.436	-4.819	-2.406

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

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

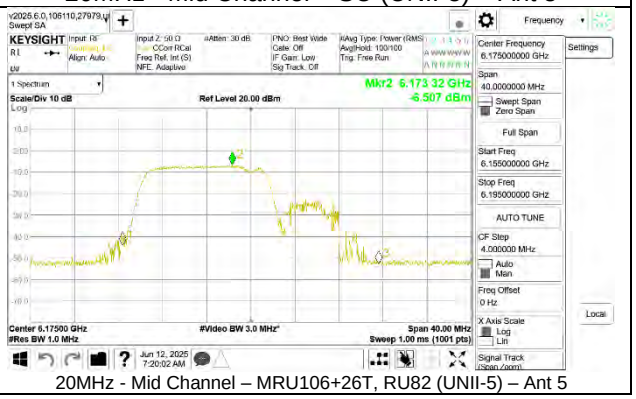


20MHz - Mid Channel – SU (UNII-5) – Ant 6



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

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



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

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

LP UNII-6 (SISO)	Duty Factor (dB)		Ant 6 Gain (dBi)	Ant 5 Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 24dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = -1 dBm/MHz EIRP)	
	SU	Partial RU							Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
20MHz	0.13	0	1.50	-6.50	6435	97	SU	--	7.88	15.69	**9.38**	9.19	-3.055	4.415	-1.425	-1.955
							52T	37	1.36	9.39	2.86	2.89	-3.293	3.851	-1.793	-2.649
								38	1.22	9.33	2.72	2.83	-3.008	3.916	-1.508	-2.584
								40	1.19	9.35	2.69	2.85	-3.285	3.931	-1.785	-2.569
					6475	105	SU	--	7.81	15.81	9.31	9.31	-3.096	4.533	-1.466	-1.837
							52T	37	1.17	9.25	2.67	2.75	-3.548	3.941	-2.048	-2.559
								38	1.16	9.29	2.66	2.79	-3.582	4.005	-2.082	-2.495
								40	1.32	9.19	2.82	2.69	-3.464	4.073	-1.964	-2.427
					6515	113	SU	--	7.81	15.77	9.31	9.27	-3.016	4.470	-1.386	-1.900
							52T	37	1.24	9.34	2.74	2.84	-3.296	4.150	-1.796	-2.350
								38	1.34	9.31	2.84	2.81	-3.123	4.085	-1.623	-2.415
								40	1.31	9.00	2.81	2.50	-3.191	4.067	-1.691	-2.433
40MHz	0.23	0.1	1.50	-6.50	6445	99	SU	--	10.65	18.61	12.15	12.11	-3.116	4.934	-1.386	-1.336
							52T	37	1.16	9.37	2.66	2.87	-3.405	4.669	-1.805	-1.731
								41	1.15	9.34	2.65	2.84	-3.767	4.539	-2.167	-1.861
								44	1.24	9.28	2.74	2.78	-3.749	4.323	-2.149	-2.077
					6485	107	SU	--	10.52	18.66	12.02	12.16	-3.039	4.967	-1.309	-1.303
							52T	37	1.15	9.38	2.65	2.88	-2.708	4.538	-1.108	-1.862
								41	1.23	9.29	2.73	2.79	-2.830	4.595	-1.230	-1.805
								44	1.12	9.31	2.62	2.81	-2.887	4.442	-1.287	-1.958
			1.90	-6.50	6525 (Straddle)	115	SU	--	10.38	18.77	**12.28**	12.27	-3.558	4.453	-1.428	-1.817
							52T	37	0.87	9.33	2.77	2.83	-4.169	4.610	-2.169	-1.790
								41	0.87	9.35	2.77	2.85	-3.979	4.096	-1.979	-2.304
								44	0.73	9.37	2.63	2.87	-3.997	4.368	-1.997	-2.032
80MHz	0.41	0	1.50	-6.50	6465	103	SU	--	13.65	18.97	**15.15**	12.47	-3.135	1.915	-1.225	-4.175
							484T	65	10.64	18.52	12.14	12.02	-2.705	4.413	-1.205	-2.087
								66	10.69	18.68	12.19	12.18	-2.835	4.574	-1.335	-1.926
160MHz	0.61	0	1.90	-6.50	6505 (Straddle)	111	SU	--	16.15	18.44	**18.05**	11.94	-3.691	-1.760	-1.181	-7.650
							484T	65	10.25	18.48	12.15	11.98	-3.292	4.632	-1.392	-1.868
								S66	10.24	18.66	12.14	12.16	-3.132	4.598	-1.232	-1.902

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

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

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

40MHz - Mid Channel – 52T, RU44 (UNII-6) – Ant 5

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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	0.13	0	-0.87	1.4	6435	97	SU	--	4.89	4.95	7.06	-5.875	-5.858	-1.326
							52T	37	-1.59	-1.51	0.59	-6.273	-6.141	-1.796
								38	-1.55	-1.51	0.61	-6.114	-6.241	-1.767
								40	-1.52	-1.52	0.62	-6.106	-6.286	-1.785
					6475	105	SU	--	4.90	4.88	7.03	-6.239	-5.984	-1.569
							52T	37	-1.59	-1.52	0.59	-6.539	-6.278	-1.996
								38	-1.57	-1.51	0.60	-6.448	-6.188	-1.906
								40	-1.51	-1.52	0.63	-6.254	-6.297	-1.865
					6515	113	SU	--	4.91	4.94	**7.07**	-6.236	-6.188	-1.672
							52T	37	-1.58	-1.53	0.59	-6.546	-6.314	-2.018
								38	-1.56	-1.54	0.59	-6.401	-6.427	-2.004
								40	-1.56	-1.52	0.60	-6.400	-6.290	-1.934
40MHz	0.23	0.1	-0.87	1.4	6445	99	SU	--	7.77	7.68	9.87	-5.840	-5.925	-1.242
							52T	37	-1.61	-1.95	0.36	-7.238	-6.674	-2.437
								41	-1.61	-2.03	0.33	-7.065	-7.237	-2.640
								44	-1.66	-2.01	0.31	-7.143	-6.952	-2.536
					6485	107	SU	--	7.74	7.61	9.82	-5.714	-5.997	-1.213
							52T	37	-1.63	-1.99	0.33	-6.815	-7.027	-2.409
								41	-1.62	-2.01	0.33	-7.475	-6.882	-2.658
								44	-1.69	-1.97	0.31	-7.290	-6.904	-2.582
			-0.52	1.69	6525 (Straddle)	115	SU	--	7.65	7.63	**10.13**	-6.205	-6.548	-1.443
							52T	37	-1.92	-1.95	0.56	-7.620	-7.397	-2.707
								41	-1.91	-1.98	0.55	-7.006	-7.094	-2.249
								44	-1.99	-1.91	0.54	-7.715	-7.662	-2.888
80MHz	0.41	0	-0.87	1.4	6465	103	SU	--	10.77	10.71	**12.88**	-7.216	-7.403	-2.488
							484T	65	7.69	7.77	9.87	-7.158	-6.955	-2.645
								66	7.65	7.74	9.84	-7.171	-6.561	-2.445
160MHz	0.61	0	-0.52	1.69	6505 (Straddle)	111	SU	--	13.33	13.31	**15.81**	-7.151	-7.720	-2.116
							52T	37	-2.01	-2.15	0.41	-8.157	-7.569	-3.153
								52	-2.11	-2.03	0.42	-7.786	-7.845	-3.115
								S52	-2.09	-2.09	0.40	-7.927	-7.695	-3.109

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)

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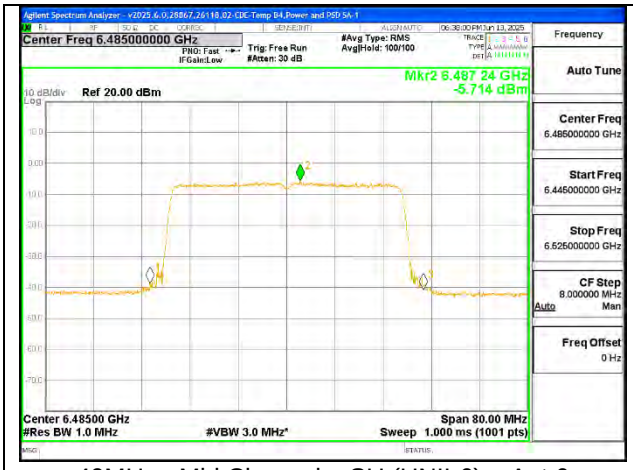
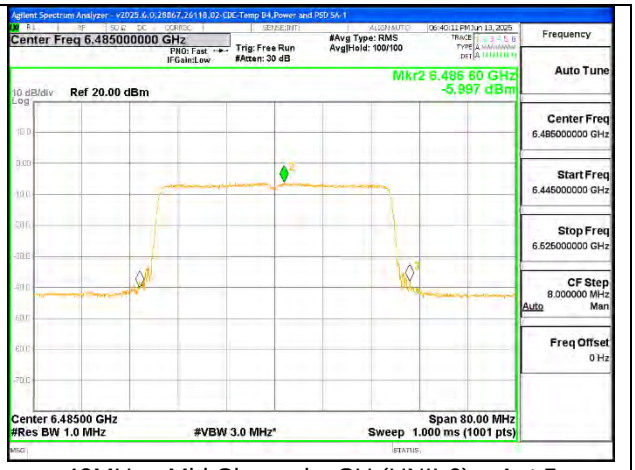
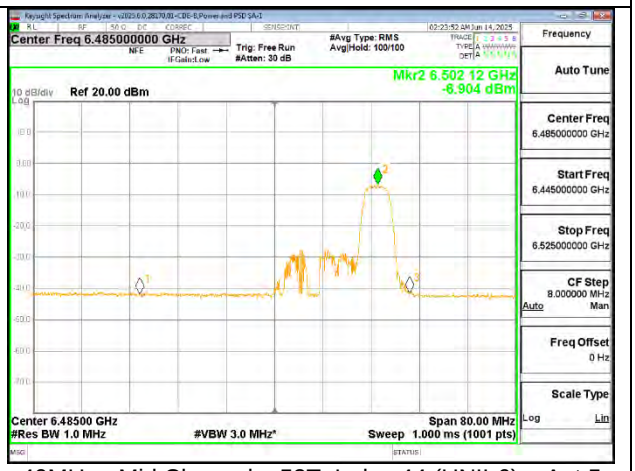


40MHz - Mid Channel – SU (UNII-6) – Ant 6



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

40MHz - Mid Channel – 52T, Index 44 (UNII-6) – Ant 6



40MHz - Mid Channel – 52T, Index 44 (UNII-6) – Ant 5

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	0.13	0.11	-0.87	1.4	6435	97	SU	--	7.18	7.11	**9.29**	-3.943	-4.018	-1.710
							52T	37	0.68	0.61	2.79	-4.752	-5.011	-2.629
								38	0.62	0.59	2.75	-5.230	-5.379	-3.054
								40	0.61	0.55	2.72	-4.821	-5.124	-2.720
					6475	105	SU	--	7.13	7.15	9.28	-3.938	-4.287	-1.839
							52T	37	0.62	0.65	2.78	-4.811	-5.053	-2.680
								38	0.67	0.69	2.82	-5.257	-5.309	-3.033
								40	0.61	0.58	2.74	-4.631	-4.991	-2.557
					6515	113	SU	--	7.11	7.13	9.26	-3.894	-4.215	-1.781
							52T	37	0.66	0.69	2.82	-4.956	-5.239	-2.845
								38	0.61	0.68	2.79	-5.383	-5.078	-2.978
								40	0.62	0.58	2.74	-5.109	-5.211	-2.909
40MHz	0.23	0.1	-0.87	1.4	6445	99	SU	--	9.95	9.87	12.05	-5.605	-5.379	-3.120
							52T	37	0.65	0.55	2.74	-4.126	-4.264	-1.954
								41	0.62	0.59	2.75	-4.279	-4.214	-2.006
								44	0.59	0.65	2.76	-4.678	-4.213	-2.199
					6485	107	SU	--	9.88	9.96	12.06	-5.183	-5.192	-2.817
							52T	37	0.61	0.68	2.79	-4.437	-4.259	-2.107
								41	0.65	0.57	2.75	-4.241	-4.370	-2.065
								44	0.64	0.62	2.77	-4.168	-4.311	-1.999
			-0.52	1.69	6525 (Straddle)	115	SU	--	9.84	9.84	**12.33**	-5.500	-5.229	-2.642
							52T	37	0.35	0.34	2.84	-4.746	-4.882	-2.223
								41	0.31	0.29	2.79	-4.832	-4.644	-2.147
								44	0.29	0.31	2.79	-4.538	-4.623	-1.990
80MHz	0.41	0.11	-0.87	1.4	6465	103	SU	--	13.04	13.08	**15.20**	-4.944	-4.867	-2.355
							484T	65	9.95	9.96	12.10	-4.270	-4.323	-2.046
								66	9.95	9.98	12.11	-4.475	-4.338	-2.156
160MHz	0.6	0	-0.52	1.69	6505 (Straddle)	111	SU	--	15.68	15.61	**18.14**	-4.510	-4.728	-1.527
							52T	37	0.15	0.18	2.66	-4.898	-4.726	-2.321
								52	0.09	0.11	2.59	-5.621	-5.477	-3.058
								S52	0.14	0.17	2.65	-5.268	-5.395	-2.841

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)

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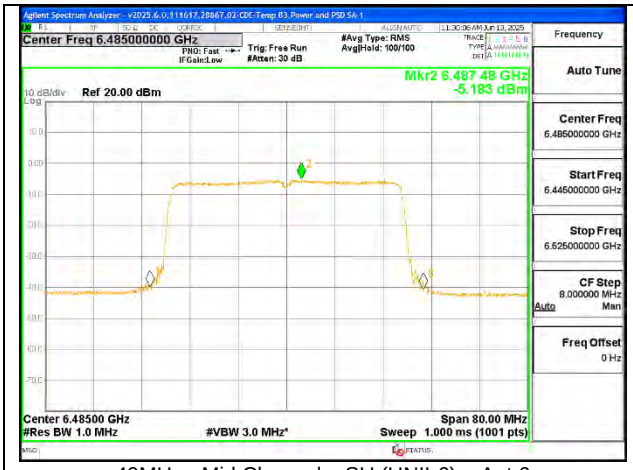
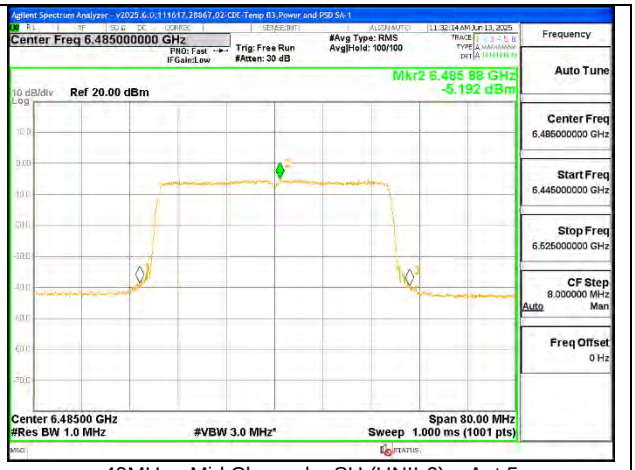
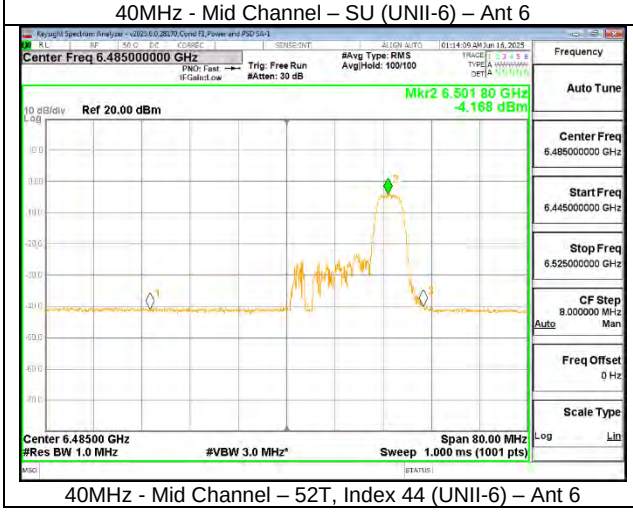


40MHz - Mid Channel – SU (UNII-6) – Ant 6



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



40MHz - Mid Channel – 52T, Index 44 (UNII-6) – Ant 6

40MHz - Mid Channel – 52T, Index 44 (UNII-6) – Ant 5

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	0.13	0.09	1.90	-7.00	6535	117	SU	--	7.22	16.25	9.12	9.25	-3.340	5.252	-1.310	-1.618
							106T	53	3.89	12.82	5.79	5.82	-3.526	4.893	-1.536	-2.017
								54	3.83	12.80	5.73	5.80	-3.739	5.092	-1.749	-1.818
					6715	153	SU	--	7.23	16.24	9.13	9.24	-3.710	5.210	-1.680	-1.660
							106T	53	3.95	12.84	5.85	5.84	-3.890	5.111	-1.900	-1.799
								54	3.86	12.82	5.76	5.82	-4.084	4.212	-2.094	-2.698
			3.70	-7.00	6875 (Straddle)	185	SU	--	5.58	16.31	9.28	**9.31**	-5.280	5.673	-1.450	-1.197
							106T	53	2.24	12.89	5.94	5.89	-6.174	4.998	-2.384	-1.912
								54	2.27	12.96	5.97	5.96	-5.855	4.919	-2.065	-1.991
40MHz	0.23	0	1.90	-7.00	6565	123	SU	--	10.29	18.88	**12.19**	11.88	-3.441	5.036	-1.311	-1.734
							242T	61	7.25	16.24	9.15	9.24	-5.092	3.782	-3.192	-3.218
								62	7.21	16.28	9.11	9.28	-4.918	3.942	-3.018	-3.058
					6685	147	SU	--	10.23	18.84	12.13	11.84	-3.765	4.659	-1.635	-2.111
							242T	61	7.19	16.29	9.09	9.29	-5.067	3.973	-3.167	-3.027
								62	7.21	16.19	9.11	9.19	-5.172	3.833	-3.272	-3.167
					6845	179	SU	--	10.20	18.95	12.10	11.95	-3.728	4.476	-1.598	-2.294
							242T	61	7.28	16.18	9.18	9.18	-5.202	3.666	-3.302	-3.334
								62	7.18	16.21	9.08	9.21	-4.966	3.669	-3.066	-3.331
80MHz	0.41	0	1.90	-6.50	6545 (Straddle)	119	SU	--	13.39	18.88	**15.29**	12.38	-3.829	2.092	-1.519	-3.998
							484T	65	10.25	18.84	12.15	12.34	-3.748	4.802	-1.848	-1.698
								66	10.18	18.81	12.08	12.31	-3.761	4.758	-1.861	-1.742
			1.90	-7.00	6705	151	SU	--	13.25	18.89	15.15	11.89	-3.584	1.794	-1.274	-4.796
							484T	65	10.24	18.95	12.14	11.95	-3.702	4.496	-1.802	-2.504
								66	10.21	18.90	12.11	11.90	-3.577	4.744	-1.677	-2.256
			3.70	-7.00	6865 (Straddle)	183	SU	--	11.58	18.94	15.28	11.94	-5.988	1.837	-1.878	-4.753
							484T	65	8.51	18.87	12.21	11.87	-5.638	4.260	-1.938	-2.740
								66	8.58	18.96	12.28	11.96	-5.741	4.550	-2.041	-2.450
160MHz	0.61	0	1.90	-7.00	6665	143	SU	--	15.87	18.45	17.77	11.45	-3.677	-1.526	-1.167	-7.916
							52T	37	0.66	9.74	2.56	2.74	-4.436	5.017	-2.536	-1.983
								52	0.77	9.71	2.67	2.71	-4.942	4.449	-3.042	-2.551
								S52	0.78	9.68	2.68	2.68	-5.028	4.321	-3.128	-2.679
			3.70	-7.00	6825 (Straddle)	175	SU	--	14.25	18.08	**17.95**	11.08	-5.837	-1.818	-1.527	-8.208
							52T	37	-0.97	9.64	2.74	2.64	-6.150	4.531	-2.450	-2.469
								52	-0.96	9.68	2.74	2.68	-6.198	4.043	-2.498	-2.957
								S52	-1.02	9.59	2.68	2.59	-6.517	4.670	-2.817	-2.330

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)

80MHz - Mid Channel – SU (UNII-7) –Ant 6

80MHz - Mid Channel – 484T, RU65 (UNII-7) – Ant 6

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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	0.13	0.09	-0.58	1.55	6535	117	SU	--	4.58	4.55	7.00	-6.086	-5.860	-1.281
							106T	53	1.21	1.14	3.61	-6.101	-6.123	-1.462
								54	1.33	1.35	3.77	-6.124	-6.314	-1.568
					6715	153	SU	--	4.46	4.58	6.95	-6.571	-6.756	-1.972
							106T	53	1.32	1.00	3.59	-6.524	-6.304	-1.762
								54	1.35	1.39	3.80	-6.563	-6.474	-1.868
			1.04	2.91	6875 (Straddle)	185	SU	--	3.36	3.21	**7.34**	-7.656	-8.024	-1.786
							106T	53	-0.12	-0.24	3.87	-8.185	-9.553	-2.805
								54	-0.05	-0.12	3.97	-8.170	-9.152	-2.623
40MHz	0.23	0	-0.58	1.55	6565	123	SU	--	7.55	7.41	9.91	-6.152	-6.086	-1.329
							242T	61	4.51	4.55	6.96	-6.701	-6.937	-2.257
								62	4.36	4.39	6.80	-6.414	-6.517	-1.905
					6685	147	SU	--	7.49	7.31	9.83	-6.606	-6.962	-1.990
							242T	61	4.35	4.35	6.78	-6.931	-7.559	-2.673
								62	4.51	4.26	6.82	-6.677	-7.104	-2.325
					6845	179	SU	--	7.58	7.59	**10.02**	-6.388	-6.568	-1.687
							242T	61	4.49	4.59	6.97	-7.410	-7.716	-3.000
								62	4.46	4.30	6.81	-7.063	-7.491	-2.711
80MHz	0.41	0	-0.52	1.69	6545 (Straddle)	119	SU	--	10.59	10.51	13.04	-6.426	-6.282	-1.243
							484T	65	7.54	7.51	10.02	-6.061	-6.645	-1.643
								66	7.53	7.56	10.04	-6.063	-6.351	-1.504
			-0.58	1.55	6705	151	SU	--	10.68	10.69	13.11	-6.245	-6.384	-1.344
							484T	65	7.55	7.43	9.92	-6.999	-7.436	-2.652
								66	7.59	7.47	9.96	-6.349	-7.211	-2.198
			1.04	2.91	6865 (Straddle)	183	SU	--	9.25	9.28	**13.32**	-7.418	-7.835	-1.291
							484T	65	6.25	6.21	10.28	-8.018	-8.307	-2.240
								66	6.27	6.01	10.19	-8.312	-8.114	-2.292
160MHz	0.61	0	-0.58	1.55	6665	143	SU	--	13.24	13.28	15.69	-6.563	-6.969	-1.591
							52T	37	-1.91	-1.93	0.51	-7.450	-7.347	-2.838
								52	-1.83	-1.83	0.60	-7.758	-7.789	-3.213
								S52	-1.90	-2.18	0.39	-8.283	-8.331	-3.747
			1.04	2.91	6825 (Straddle)	175	SU	--	11.87	11.94	**15.95**	-7.735	-7.824	-1.249
							52T	37	-3.16	-3.25	0.85	-8.438	-9.522	-3.026
								52	-3.21	-3.16	0.86	-8.632	-9.633	-3.183
								S52	-3.14	-3.19	0.89	-8.932	-10.087	-3.551

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)

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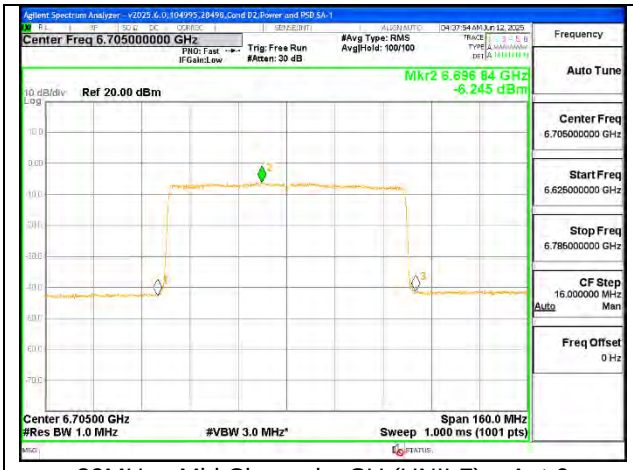
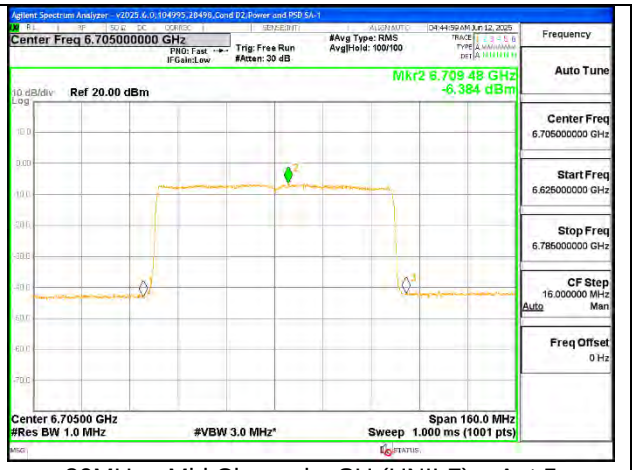


80MHz - Mid Channel – SU (UNII-7) – Ant 6



80MHz - Mid Channel – SU (UNII-7) – Ant 5

80MHz - Mid Channel – 484T, RU65 (UNII-7) – Ant 6

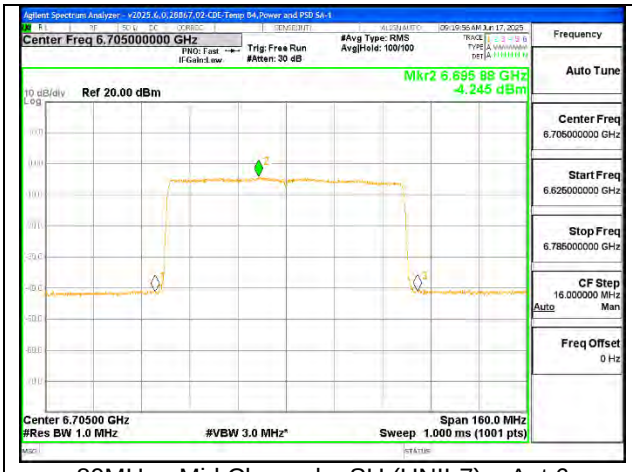
80MHz - Mid Channel – 484T, RU65 (UNII-7) – Ant 5

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

LP SDM UNII-7 (MIMO)	Duty Factor (dB)		Un-Correlated Antenna Gain (dBi)	Correlated Antenna Gain (dBi)	Frequency (MHz)	Channel Number	Tone	RU Index	Conducted Power (Gated)		EIRP MIMO Power (Limit = 24dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP MIMO PSD (Limit = -1 dBm/MHz EIRP)
	SU	Partial Rus							Ant 6	Ant 5		Ant 6	Ant 5	
20MHz	0.13	0.1	-0.58	1.55	6535	117	SU	--	6.78	6.71	9.18	-3.535	-4.008	-1.205
							106T	53	3.47	3.29	5.81	-4.216	-4.390	-1.772
								54	3.37	3.32	5.78	-4.489	-4.278	-1.852
					6715	153	SU	--	6.71	6.75	9.16	-4.025	-4.586	-1.736
							106T	53	3.45	3.48	5.90	-4.157	-4.490	-1.790
								54	3.26	3.41	5.77	-4.425	-4.647	-2.004
			1.04	2.91	6875 (Straddle)	185	SU	--	5.11	5.29	**9.25**	-5.828	-5.479	-1.470
							106T	53	1.84	1.71	5.83	-6.108	-6.818	-2.298
								54	1.89	1.82	5.90	-6.243	-6.405	-2.173
40MHz	0.23	0	-0.58	1.55	6565	123	SU	--	9.74	9.77	12.19	-4.015	-4.042	-1.368
							242T	61	6.60	6.74	9.10	-4.517	-4.501	-2.079
								62	6.76	6.71	9.16	-4.357	-4.424	-1.960
					6685	147	SU	--	9.71	9.68	12.13	-4.185	-4.323	-1.593
							242T	61	6.74	6.71	9.16	-4.278	-5.075	-2.228
								62	6.69	6.78	9.17	-4.317	-4.956	-2.194
					6845	179	SU	--	9.78	9.75	**12.20**	-4.240	-4.661	-1.785
							242T	61	6.79	6.57	9.11	-4.356	-5.389	-2.412
								62	6.57	6.75	9.09	-4.611	-4.794	-2.271
80MHz	0.41	0.11	-0.52	1.69	6545 (Straddle)	119	SU	--	12.74	12.79	**15.26**	-4.069	-4.348	-1.306
							484T	65	9.75	9.68	12.20	-4.017	-4.381	-1.595
								66	9.71	9.69	12.19	-3.942	-4.154	-1.446
			-0.58	1.55	6705	151	SU	--	12.74	12.76	15.18	-4.245	-4.667	-1.611
							484T	65	9.74	9.68	12.14	-4.234	-4.933	-2.029
								66	9.78	9.76	12.20	-4.264	-4.708	-1.940
			1.04	2.91	6865 (Straddle)	183	SU	--	11.15	11.19	15.22	-6.578	-6.300	-1.976
							484T	65	8.14	8.19	12.22	-6.094	-6.557	-2.159
								66	8.12	8.09	12.16	-5.644	-5.961	-1.639
160MHz	0.6	0	-0.58	1.55	6665	143	SU	--	15.31	15.35	**17.76**	-4.449	-4.838	-1.609
							52T	37	0.28	0.24	2.69	-4.738	-4.750	-2.314
								52	0.21	0.25	2.66	-4.993	-5.414	-2.768
								S52	0.19	0.14	2.59	-5.100	-5.473	-2.852
			1.04	2.91	6825 (Straddle)	175	SU	--	13.24	13.87	17.62	-6.020	-6.293	-1.504
							52T	37	-1.22	-1.36	2.76	-6.763	-7.655	-3.136
								52	-1.28	-1.36	2.73	-4.146	-7.559	-2.515
								S52	-1.27	-1.31	2.76	-6.541	-7.476	-2.933

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

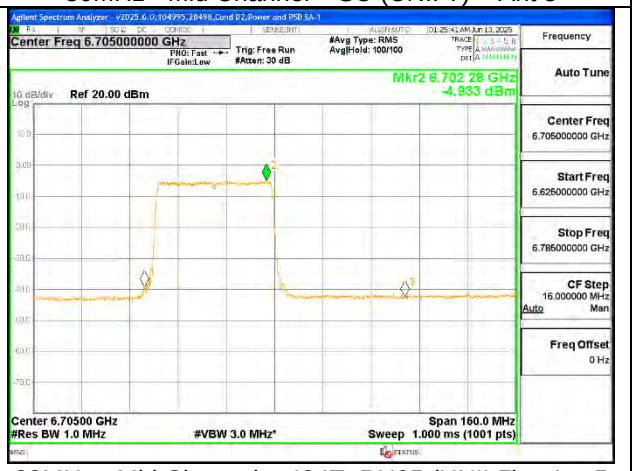
EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 6 + Ant 5) + Duty Factor (dB) + Un-Correlated Antenna Gain (dBi)



80MHz - Mid Channel – SU (UNII-7) – Ant 6

80MHz - Mid Channel – SU (UNII-7) – Ant 5

80MHz - Mid Channel – 484T, RU65 (UNII-7) – Ant 6



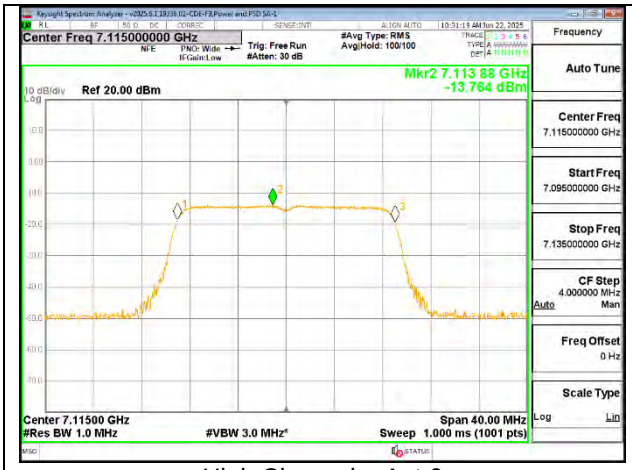
80MHz - Mid Channel – 484T, RU65 (UNII-7) – Ant 5

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

LP UNII-8 (SISO)	Duty Factor (dB)	Ant 1 Gain (dBi)	Ant 2 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	3.70	-8.20	7115	233	--	--	-3.51	-3.52	0.19	-11.72	-13.764	-14.039	-10.064	-22.239

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)



High Channel – Ant 6

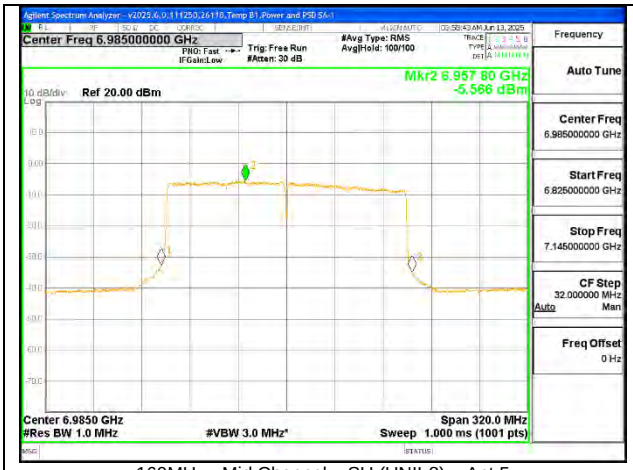
High Channel – Ant 5

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	0.13	0.09	3.70	-8.20	6895	189	SU	--	5.46	17.39	9.16	9.19	-5.883	1.990	-2.053	-6.080
							106T	53	2.19	14.05	5.89	5.85	-9.684	1.857	-5.894	-6.253
								54	2.13	14.03	5.83	5.83	-9.515	2.270	-5.725	-5.840
					6995	209	SU	--	5.41	17.44	9.11	9.24	-6.108	2.382	-2.278	-5.688
							106T	53	2.18	14.02	5.88	5.82	-9.490	1.947	-5.700	-6.163
								54	2.13	14.05	5.83	5.85	-9.658	1.747	-5.868	-6.363
					7095	229	SU	--	5.65	17.64	9.35	**9.44**	-5.531	1.535	-1.701	-6.535
							106T	53	2.35	14.24	6.05	6.04	-10.571	1.734	-6.781	-6.376
								54	2.38	14.29	6.08	6.09	-10.755	1.620	-6.965	-6.490
40MHz	0.23	0	3.70	-7.00	6885 (Straddle)	187	SU	--	8.55	18.88	12.25	11.88	-9.745	0.108	-5.815	-6.662
							106T	53	2.25	12.97	5.95	5.97	-10.129	-0.499	-6.429	-7.499
								54	2.26	12.84	5.96	5.84	-9.737	0.120	-6.037	-6.880
								56	2.19	12.91	5.89	5.91	-10.017	0.176	-6.317	-6.824
			3.70	-8.20	6965	203	SU	--	8.34	18.94	12.04	10.74	-9.405	0.721	-5.475	-7.249
							106T	53	2.18	14.02	5.88	5.82	-9.446	1.257	-5.746	-6.943
								54	2.14	14.06	5.84	5.86	-9.586	1.810	-5.886	-6.390
								56	2.16	14.00	5.86	5.80	-9.712	1.702	-6.012	-6.498
					7085	227	SU	--	8.62	18.92	**12.32**	10.72	-10.692	0.100	-6.762	-7.870
							106T	53	2.35	14.01	6.05	5.81	-10.871	1.279	-7.171	-6.921
								54	2.31	14.08	6.01	5.88	-11.056	1.417	-7.356	-6.783
								56	2.38	14.06	6.08	5.86	-11.440	1.127	-7.740	-7.073
80MHz	0.41	0	3.70	-8.20	6945	199	SU	--	11.58	18.89	15.28	10.69	-9.210	-2.086	-5.100	-9.876
							MRU 484+242T	90	10.05	18.95	13.75	10.75	-9.182	-1.100	-5.482	-9.300
								92	10.01	18.88	13.71	10.68	-9.291	-1.256	-5.591	-9.456
								93	10.06	18.85	13.76	10.65	-9.622	-1.187	-5.922	-9.387
			3.70	-8.20	7025	215	SU	--	11.65	18.97	**15.35**	10.77	-10.134	-2.320	-6.024	-10.110
							MRU 484+242T	90	10.15	18.85	13.85	10.65	-10.519	-1.472	-6.819	-9.672
								92	10.19	18.89	13.89	10.69	-10.647	-1.119	-6.947	-9.319
								93	10.09	18.95	13.79	10.75	-10.344	-1.440	-6.644	-9.640
160MHz	0.61	0	3.70	-8.20	6985	207	SU	--	14.35	18.18	**18.05**	9.98	-8.636	-5.566	-4.326	-13.156
							MRU 484+242T	90	10.02	18.15	13.72	9.95	-9.277	-1.761	-5.577	-9.961
								93	10.08	18.19	13.78	9.99	-9.095	-1.820	-5.395	-10.020
								S93	10.04	18.09	13.74	9.89	-9.100	-1.724	-5.400	-9.924

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

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



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

160MHz - Mid Channel – MRU484+242T, RUS93 (UNII-8) – Ant 5

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	0.96	2.66	7115	233	--	--	-4.52	-4.54	**-0.56**	-14.672	-14.965	-9.146

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)

High Channel – Ant 6

High Channel – Ant 5

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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	0.13	0.09	0.96	2.66	6895	189	SU	--	3.45	3.40	7.39	-7.189	-7.382	-1.484
							106T	53	0.18	0.14	4.13	-7.371	-8.039	-1.932
								54	0.15	0.14	4.12	-7.671	-7.863	-2.006
					6995	209	SU	--	3.41	3.28	7.31	-7.269	-7.561	-1.612
							106T	53	0.15	0.14	4.12	-7.336	-7.788	-1.796
								54	0.11	0.18	4.12	-7.526	-7.481	-1.743
					7095	229	SU	--	3.75	3.47	**7.58**	-6.955	-7.039	-1.196
							106T	53	0.37	0.35	4.33	-7.061	-7.508	-1.518
								54	0.30	0.31	4.28	-7.381	-7.366	-1.613
40MHz	0.23	0	1.04	2.91	6885 (Straddle)	187	SU	--	6.25	6.24	10.30	-7.529	-7.810	-1.517
							106T	53	-0.13	-0.05	3.96	-7.831	-8.609	-2.282
								54	-0.18	-0.11	3.91	-7.899	-8.567	-2.300
								56	-0.03	-0.12	3.98	-7.643	-8.388	-2.079
			0.96	2.66	6965	203	SU	--	6.35	6.38	10.34	-7.155	-7.430	-1.390
							106T	53	0.24	0.28	4.23	-7.897	-8.133	-2.343
								54	0.25	0.28	4.24	-7.725	-7.668	-2.026
								56	0.24	0.16	4.17	-7.366	-8.295	-2.135
					7085	227	SU	--	6.47	6.41	**10.41**	-7.038	-7.237	-1.236
							106T	53	0.17	0.15	4.13	-7.810	-7.741	-2.105
								54	0.16	0.19	4.15	-7.419	-8.027	-2.042
								56	0.19	0.11	4.12	-7.818	-7.920	-2.198
80MHz	0.41	0	0.96	2.66	6945	199	SU	--	9.54	9.59	**13.54**	-7.675	-7.499	-1.506
							MRU484+ 242T	90	8.04	8.01	12.00	-7.499	-7.504	-1.831
								92	8.01	8.09	12.02	-7.721	-7.572	-1.976
								93	8.03	7.99	11.98	-7.658	-7.900	-2.107
			0.96	2.66	7025	215	SU	--	9.44	9.41	13.40	-7.216	-7.242	-1.149
							MRU484+ 242T	90	8.00	8.02	11.98	-7.954	-7.447	-2.023
								92	8.09	7.95	11.99	-7.451	-6.961	-1.529
								93	8.07	7.98	11.99	-7.942	-7.924	-2.263
160MHz	0.61	0	0.96	2.66	6985	207	SU	--	12.34	12.29	**16.29**	-7.381	-7.454	-1.137
							MRU484+ 242T	90	7.87	7.99	11.90	-7.719	-7.739	-2.059
								93	8.05	8.02	12.01	-7.429	-7.753	-1.918
								S93	8.06	8.01	12.00	-7.082	-7.778	-1.746

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)

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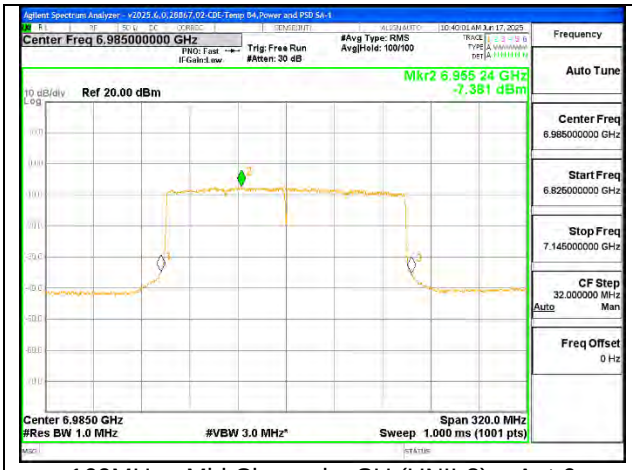
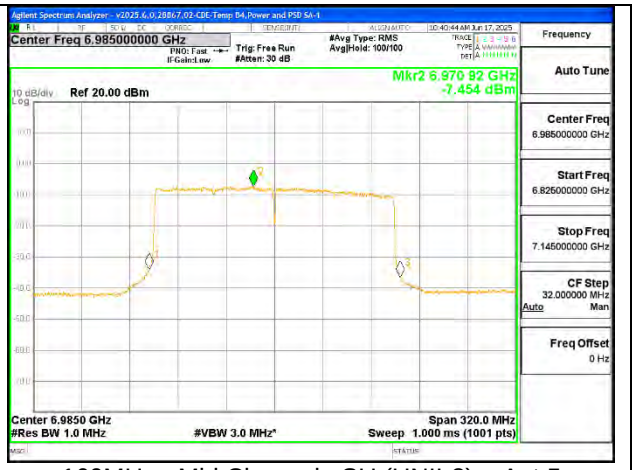


160MHz - Mid Channel – SU (UNII-8) – Ant 6



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

160MHz - Mid Channel – MRU484+242T, RUS93 (UNII-8) – Ant 6

160MHz - Mid Channel – MRU484+242T, RUS93 (UNII-8) – Ant 5

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	0.13	0.1	0.96	2.66	6895	189	SU	--	5.15	5.16	9.13	-5.489	-5.662	-1.474
							106T	53	1.85	1.81	5.80	-6.387	-5.938	-2.086
								54	1.78	1.79	5.76	-6.292	-6.036	-2.092
					6995	209	SU	--	5.18	5.14	9.13	-5.375	-5.361	-1.268
							106T	53	1.77	1.85	5.78	-5.450	-5.836	-1.568
								54	1.74	1.80	5.74	-5.623	-6.203	-1.833
					7095	229	SU	--	5.35	5.33	**9.31**	-4.895	-5.394	-1.037
							106T	53	2.05	2.07	6.03	-5.251	-5.545	-1.325
								54	2.04	2.01	6.00	-5.085	-5.098	-1.021
40MHz	0.23	0.1	1.04	2.91	6885 (Straddle)	187	SU	--	8.14	8.19	**12.22**	-5.602	-5.832	-1.435
							106T	53	1.88	1.79	5.89	-6.871	-6.691	-2.630
								54	1.81	1.86	5.89	-5.677	-6.566	-1.948
								56	1.78	1.84	5.86	-6.532	-6.376	-2.303
			0.96	2.66	6965	203	SU	--	8.05	8.04	12.02	-5.762	-5.905	-1.633
							106T	53	1.93	1.95	5.91	-6.080	-6.097	-2.018
								54	1.91	1.94	5.90	-5.849	-5.922	-1.815
								56	1.99	1.88	5.91	-5.673	-5.964	-1.746
					7085	227	SU	--	8.23	8.10	12.14	-5.485	-5.653	-1.368
							106T	53	1.85	1.86	5.83	-6.002	-6.414	-2.133
								54	1.82	1.77	5.77	-5.810	-5.934	-1.801
								56	1.87	1.79	5.80	-5.957	-6.008	-1.912
80MHz	0.41	0	0.96	2.66	6945	199	SU	--	11.24	11.22	**15.20**	-6.145	-5.988	-1.685
							MRU484+ 242T	90	9.60	9.72	13.63	-6.045	-5.918	-2.011
								92	9.73	9.71	13.69	-6.041	-5.966	-2.033
								93	9.77	9.60	13.66	-6.088	-6.362	-2.253
			0.96	2.66	7025	215	SU	--	11.17	11.11	15.11	-5.669	-5.484	-1.195
							MRU484+ 242T	90	9.75	9.72	13.71	-6.028	-5.492	-1.781
								92	9.65	9.75	13.67	-6.201	-6.166	-2.213
								93	9.75	9.56	13.63	-6.218	-6.311	-2.294
160MHz	0.6	0	0.96	2.66	6985	207	SU	--	14.05	13.75	**17.87**	-5.721	-5.864	-1.222
							MRU484+ 242T	90	9.78	9.74	13.73	-5.574	-5.958	-1.791
								93	9.68	9.59	13.61	-6.023	-6.036	-2.059
								S93	9.77	9.61	13.66	-5.320	-5.749	-1.559

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)

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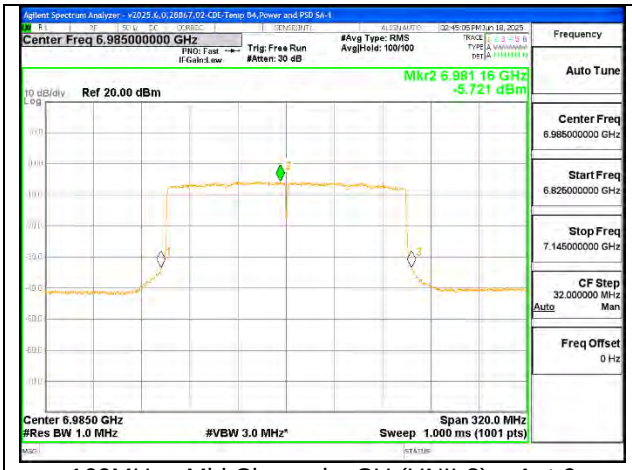
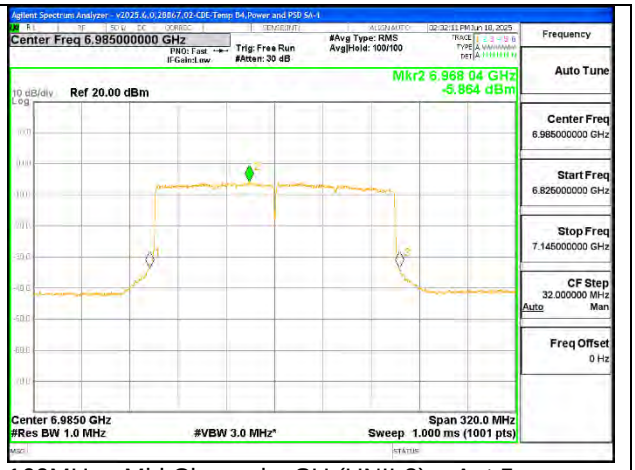
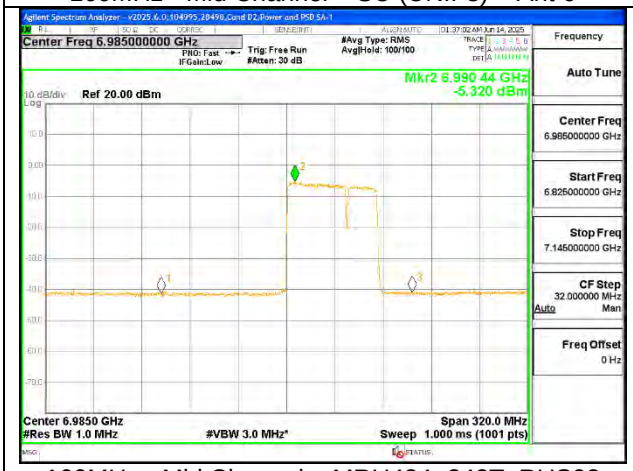


160MHz - Mid Channel – SU (UNII-8) – Ant 6



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



160MHz - Mid Channel – MRU484+242T, RUS93 (UNII-8) – Ant 6

160MHz - Mid Channel – MRU484+242T, RUS93 (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.

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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	0.13	0	3.50	-4.90	5955	1	SU	--	18.81	19.48	22.31	14.58	9.671	10.923	13.301	6.153
							26T	0	14.62	19.44	18.12	14.54	12.568	18.768	16.068	13.868
								4	14.46	19.40	17.96	14.50	11.454	18.689	14.954	13.789
								8	14.52	19.36	18.02	14.46	12.827	18.592	16.327	13.692
			4.10	-6.60	6175	45	SU	--	18.95	19.37	**23.05**	12.77	9.465	10.699	13.695	4.229
							26T	0	13.79	19.42	17.89	12.82	11.822	18.405	15.922	11.805
								4	13.65	19.49	17.75	12.89	11.715	18.576	15.815	11.976
								8	13.69	19.44	17.79	12.84	11.553	18.761	15.653	12.161
			2.20	-6.80	6415	93	SU	--	18.82	19.44	21.02	12.64	9.833	10.820	12.163	4.150
							26T	0	16.12	19.41	18.32	12.61	14.329	18.441	16.529	11.641
								4	16.15	19.47	18.35	12.67	12.920	18.565	15.120	11.765
								8	16.11	19.45	18.31	12.65	14.137	18.560	16.337	11.760
40MHz	0.23	0	3.50	-4.90	5965	3	SU	--	18.97	19.26	22.47	14.36	6.724	7.264	10.454	2.594
							26T	0	14.61	19.34	18.11	14.44	12.567	18.314	16.067	13.414
								9	14.69	19.39	18.19	14.49	12.725	18.563	16.225	13.663
								17	14.60	19.43	18.10	14.53	12.462	18.419	15.962	13.519
			4.10	-6.60	6165	43	SU	--	18.90	19.27	**23.00**	12.67	6.815	7.139	11.145	0.769
							26T	0	13.87	19.48	17.97	12.88	11.806	18.513	15.906	11.913
								9	13.81	19.42	17.91	12.82	12.221	18.160	16.321	11.560
								17	13.79	19.46	17.89	12.86	11.929	17.980	16.029	11.380
			2.20	-6.80	6405	91	SU	--	18.79	19.26	20.99	12.46	6.501	7.464	8.931	0.894
							26T	0	16.03	19.47	18.23	12.67	14.705	18.168	16.905	11.368
								9	16.05	19.41	18.25	12.61	14.724	18.254	16.924	11.454
								17	16.07	19.45	18.27	12.65	14.675	18.566	16.875	11.766
80MHz	0.41	0.09	3.50	-4.90	5985	7	SU	--	18.95	19.41	22.45	14.51	3.488	4.605	7.398	0.115
							26T	0	14.52	19.49	18.02	14.59	8.000	12.375	11.590	7.565
								17	14.48	19.49	17.98	14.59	8.172	12.275	11.762	7.465
								36	14.51	19.44	18.01	14.54	7.669	12.093	11.259	7.283
			4.10	-6.60	6145	39	SU	--	18.85	19.45	**22.95**	12.85	3.670	4.945	8.180	-1.245
							26T	0	13.85	19.43	17.95	12.83	5.765	11.041	9.955	4.531
								17	13.78	19.49	17.88	12.89	7.033	12.039	11.223	5.529
								36	13.66	19.39	17.76	12.79	6.443	11.249	10.633	4.739
			2.20	-6.80	6385	87	SU	--	18.93	19.48	21.13	12.68	3.840	5.043	6.450	-1.347
							26T	0	15.89	19.30	18.09	12.50	8.863	11.210	11.153	4.500
								17	15.96	19.38	18.16	12.58	9.426	12.889	11.716	6.179
								36	15.97	19.46	18.17	12.66	9.512	12.688	11.802	5.978
160MHz	0.61	0	3.50	-4.90	6025	15	SU	--	18.47	18.90	21.97	14.00	-1.218	-0.801	2.892	-5.091
							26T	0	14.35	18.94	17.85	14.04	13.174	17.178	16.674	12.278
								36	14.32	18.88	17.82	13.98	13.033	17.133	16.533	12.233
								S36	14.29	18.89	17.79	13.99	12.649	16.458	16.149	11.558
			4.10	-6.60	6185	47	SU	--	18.41	18.98	**22.51**	12.38	-1.141	-0.059	3.569	-6.049
							26T	0	13.88	18.84	17.98	12.24	11.759	16.243	15.859	9.643
								36	13.81	18.97	17.91	12.37	12.623	16.676	16.723	10.076
								S36	13.75	18.94	17.85	12.34	12.059	16.429	16.159	9.829
			2.20	-6.80	6345	79	SU	--	18.48	18.96	20.68	12.16	-1.178	-0.208	1.632	-6.398
							26T	0	15.88	18.77	18.08	11.97	13.315	16.769	15.515	9.969
								36	15.79	18.89	17.99	12.09	13.627	16.935	15.827	10.135
								S36	15.86	18.95	18.06	12.15	14.301	17.343	16.501	10.543

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	0.13	0	1.08	3.29	5955	1	SU	--	18.90	18.97	23.03	7.610	7.596	14.033
							52T	37	14.66	14.69	18.77	10.105	9.350	16.044
								38	14.68	14.66	18.76	9.873	9.251	15.873
								40	14.69	14.63	18.75	9.748	9.033	15.705
			1.44	3.31	6175	45	SU	--	18.92	18.95	**23.39**	8.134	8.035	14.535
							52T	37	14.47	14.44	18.91	10.097	9.454	16.108
								38	14.49	14.39	18.89	10.275	9.076	16.037
								40	14.40	14.45	18.88	10.104	9.376	16.076
			-0.3	1.83	6415	93	SU	--	18.98	18.97	21.69	7.926	8.020	12.944
							52T	37	16.10	16.18	18.85	11.635	11.249	16.287
								38	16.13	16.15	18.85	11.867	11.264	16.416
								40	12.13	16.19	17.33	11.867	11.243	16.406
40MHz	0.23	0.1	1.08	3.29	5965	3	SU	--	18.94	18.95	23.04	4.582	4.193	10.922
							52T	37	14.59	14.59	18.68	9.812	10.158	16.389
								41	14.59	14.53	18.65	9.640	9.802	16.122
								44	14.58	14.59	18.68	9.675	9.856	16.167
			1.44	3.31	6165	43	SU	--	18.87	18.92	**23.35**	4.558	4.474	11.067
							52T	37	14.49	14.40	18.90	10.801	10.112	16.890
								41	14.49	14.40	18.90	10.385	10.152	16.690
								44	14.40	14.45	18.88	10.618	10.230	16.849
			-0.3	1.83	6405	91	SU	--	18.89	18.91	21.61	4.365	4.373	9.439
							52T	37	16.16	16.17	18.88	12.097	11.577	16.785
								41	16.11	16.13	18.83	11.856	11.495	16.620
								44	16.15	16.18	18.88	11.486	11.601	16.484
80MHz	0.41	0.09	1.08	3.29	5985	7	SU	--	18.96	18.97	23.06	1.530	1.512	8.231
							26T	0	11.69	11.73	15.80	9.186	9.935	15.967
								17	11.75	11.77	15.85	9.029	9.422	15.620
								36	11.71	11.76	15.83	9.334	9.598	15.858
			1.44	3.31	6145	39	SU	--	18.93	18.91	**23.37**	1.354	1.503	8.159
							26T	0	11.65	11.69	16.12	8.987	9.954	15.908
								17	11.61	11.66	16.09	8.925	10.590	16.247
								36	11.59	11.60	16.05	8.888	10.319	16.072
			-0.3	1.83	6385	87	SU	--	18.94	18.99	21.68	1.336	1.466	6.652
							26T	0	13.24	13.22	15.94	11.401	12.221	16.761
								17	13.28	13.27	15.99	11.186	11.739	16.402
								36	13.22	13.20	15.92	11.044	12.062	16.513
160MHz	0.61	0	1.08	3.29	6025	15	SU	--	18.45	18.43	22.53	-1.117	-2.837	5.018
							52T	37	14.35	14.23	18.38	9.252	8.268	15.088
								52	14.31	14.29	18.39	8.803	7.912	14.681
								S52	14.33	14.22	18.37	8.304	7.874	14.395
			1.44	3.31	6185	47	SU	--	18.41	18.39	**22.85**	-1.487	-2.565	4.938
							52T	37	14.44	14.28	18.81	8.326	8.226	14.597
								52	14.49	14.39	18.89	7.902	7.735	14.140
								S52	14.36	14.33	18.80	7.788	8.377	14.413
			-0.3	1.83	6345	79	SU	--	18.47	18.45	21.17	-0.968	-2.273	3.879
							52T	37	15.72	15.88	18.51	10.225	9.663	14.793
								52	15.66	15.76	18.42	10.435	10.317	15.217
								S52	15.78	15.84	18.52	10.630	10.696	15.503

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)

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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	0.13	0.11	1.08	3.29	5955	1	SU	--	18.95	18.97	23.05	7.934	7.792	12.084
							52T	37	16.87	16.75	20.90	11.571	11.776	15.875
								38	16.85	16.88	20.96	11.450	10.368	15.143
								40	16.81	16.84	20.92	11.211	11.673	15.648
			1.44	3.31	6175	45	SU	--	18.94	18.87	**23.36**	8.061	7.571	12.403
							52T	37	16.25	16.29	20.72	11.567	11.617	16.152
								38	16.24	16.19	20.67	11.300	10.914	15.672
								40	16.18	16.25	20.67	10.853	10.903	15.438
			-0.3	1.83	6415	93	SU	--	18.88	18.81	21.56	8.361	8.400	11.221
							52T	37	18.24	18.19	20.93	13.878	13.845	16.682
								38	18.21	18.22	20.93	13.539	13.422	16.301
								40	18.26	18.29	20.99	13.418	13.053	16.060
40MHz	0.23	0.1	1.08	3.29	5965	3	SU	--	18.87	18.94	23.00	4.001	4.385	8.518
							52T	37	16.75	16.74	20.84	10.747	10.865	14.997
								41	16.66	16.71	20.78	10.744	10.872	14.999
								44	16.74	16.77	20.85	10.458	10.915	14.883
			1.44	3.31	6165	43	SU	--	18.79	18.95	**23.32**	-0.038	0.397	4.865
							52T	37	16.24	16.19	20.67	10.174	9.373	14.342
								41	16.25	16.23	20.69	11.309	9.880	15.203
								44	16.19	16.27	20.68	10.642	9.218	14.538
			-0.3	1.83	6405	91	SU	--	18.95	18.88	21.63	2.823	3.186	5.949
							52T	37	18.22	18.21	20.93	11.397	10.571	13.814
								41	18.19	18.18	20.90	12.547	11.134	14.708
								44	18.25	18.24	20.96	12.088	11.278	14.512
80MHz	0.41	0.11	1.08	3.29	5985	7	SU	--	18.91	18.96	23.03	0.847	0.959	5.404
							26T	0	13.98	13.91	18.04	11.392	10.327	15.092
								17	13.92	13.96	18.03	11.065	10.778	15.124
								36	13.90	13.92	18.00	10.289	10.166	14.428
			1.44	3.31	6145	39	SU	--	18.94	18.87	**23.36**	0.422	0.451	5.297
							26T	0	13.48	13.49	17.94	9.786	9.064	14.000
								17	13.46	13.47	17.92	9.671	9.977	14.387
								36	13.48	13.47	17.93	10.335	9.782	14.628
			-0.3	1.83	6385	87	SU	--	18.95	18.99	21.68	1.276	1.288	4.402
							26T	0	15.37	15.39	18.09	12.501	12.721	15.433
								17	15.39	15.39	18.10	12.467	13.052	15.590
								36	15.39	15.31	18.06	13.273	12.341	15.652
160MHz	0.6	0	1.08	3.29	6025	15	SU	--	18.47	18.42	22.54	-2.113	-1.880	2.695
							52T	37	16.59	16.55	20.66	11.012	11.158	15.176
								52	16.55	16.51	20.62	11.214	11.451	15.424
								S52	16.49	16.47	20.57	10.866	10.678	14.863
			1.44	3.31	6185	47	SU	--	18.41	18.39	**22.85**	-2.039	-2.161	2.951
							52T	37	16.25	16.24	20.70	10.442	10.892	15.123
								52	16.24	16.29	20.72	11.243	10.870	15.511
								S52	16.29	16.27	20.73	10.792	11.181	15.441
			-0.3	1.83	6345	79	SU	--	18.45	18.47	21.17	-2.182	-2.072	1.184
							52T	37	17.87	17.85	20.57	12.784	12.594	15.400
								52	17.92	17.99	20.67	13.353	12.834	15.812
								S52	17.89	17.89	20.60	12.791	12.647	15.430

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	0.13	0	1.90	-7.00	6535	117	SU	--	18.35	18.95	20.25	11.95	9.772	9.972	11.802	3.102
							26T	0	16.08	18.98	17.98	11.98	15.078	18.453	16.978	11.453
								4	16.09	18.80	17.99	11.80	14.994	18.247	16.894	11.247
								8	16.09	18.94	17.99	11.94	14.897	18.372	16.797	11.372
					6715	153	SU	--	18.37	18.99	20.27	11.99	9.519	9.712	11.549	2.842
							26T	0	16.02	18.87	17.92	11.87	15.022	18.239	16.922	11.239
								4	16.08	18.76	17.98	11.76	15.083	18.359	16.983	11.359
								8	16.05	18.91	17.95	11.91	15.044	18.566	16.944	11.566
					6855	181	SU	--	18.45	18.96	**20.35**	11.96	9.508	9.801	11.538	2.931
							26T	0	16.08	18.90	17.98	11.90	14.852	18.348	16.752	11.348
								4	16.00	18.86	17.90	11.86	15.072	18.321	16.972	11.321
								8	16.01	18.87	17.91	11.87	14.928	18.545	16.828	11.545
40MHz	0.23	0	1.90	-7.00	6565	123	SU	--	18.48	18.95	**20.38**	11.95	6.025	6.396	8.155	-0.374
							26T	0	16.19	18.88	18.09	11.88	15.092	17.964	16.992	10.964
								9	16.17	18.82	18.07	11.82	14.892	18.114	16.792	11.114
								17	16.11	18.88	18.01	11.88	14.837	18.001	16.737	11.001
					6685	147	SU	--	18.48	18.95	**20.38**	11.95	5.587	6.130	7.717	-0.640
							26T	0	16.14	18.89	18.04	11.89	15.081	17.851	16.981	10.851
								9	16.10	18.95	18.00	11.95	15.087	17.653	16.987	10.653
								17	16.14	18.86	18.04	11.86	14.971	18.079	16.871	11.079
					6845	179	SU	--	18.41	18.92	20.31	11.92	5.658	6.024	7.788	-0.746
							26T	0	16.17	18.94	18.07	11.94	14.885	17.730	16.785	10.730
								9	16.14	18.99	18.04	11.99	14.919	17.729	16.819	10.729
								17	16.09	18.78	17.99	11.78	15.054	17.625	16.954	10.625
80MHz (FCC)	0.41	0.09	1.90	-7.00	6625	135	SU	--	18.49	18.99	**20.39**	11.99	3.171	3.600	5.481	-2.990
							26T	0	16.02	18.90	17.92	11.90	14.957	18.073	16.947	11.163
								17	15.98	18.87	17.88	11.87	14.792	18.249	16.782	11.339
								36	16.09	18.97	17.99	11.97	14.769	18.479	16.759	11.569
80MHz	0.41	0.09	1.90	-7.00	6705	151	SU	--	18.38	18.95	20.28	11.95	2.974	3.101	5.284	-3.489
							26T	0	15.97	18.88	17.87	11.88	14.897	18.374	16.887	11.464
								17	15.99	18.88	17.89	11.88	14.866	18.307	16.856	11.397
								36	16.05	18.97	17.95	11.97	14.893	18.327	16.883	11.417
					6785	167	SU	--	18.47	18.95	**20.37**	11.95	3.033	3.105	5.343	-3.485
							26T	0	16.08	18.85	17.98	11.85	14.676	18.105	16.666	11.195
								17	15.99	18.88	17.89	11.88	14.897	17.997	16.887	11.087
								36	16.00	18.89	17.90	11.89	14.960	18.042	16.950	11.132
160MHz	0.61	0	1.90	-7.00	6665	143	SU	--	17.89	18.44	**19.79**	11.44	-0.140	0.413	2.370	-5.977
							26T	0	16.18	18.44	18.08	11.44	15.039	17.509	16.939	10.509
								36	16.09	18.38	17.99	11.38	14.999	17.225	16.899	10.225
								S36	16.17	18.41	18.07	11.41	14.971	17.214	16.871	10.214

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)

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47173 Benicia Street, Fremont, CA 94538, USA TEL:(510) 319-4000 FAX:(510) 661-0888

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	0.13	0	-0.58	1.55	6535	117	SU	--	18.41	18.49	20.88	7.157	6.876	11.709
							26T	0	13.44	13.40	15.85	11.129	10.958	15.605
								4	13.39	13.48	15.87	10.968	10.973	15.531
								8	13.47	13.33	15.83	10.909	11.265	15.651
					6715	153	SU	--	18.49	18.48	**20.92**	7.017	6.904	11.651
							26T	0	13.40	13.49	15.88	11.235	11.289	15.822
								4	13.38	13.48	15.86	10.932	10.917	15.485
								8	13.40	13.44	15.85	11.263	11.102	15.744
					6855	181	SU	--	18.48	18.44	20.89	7.175	7.114	11.835
							26T	0	13.44	13.49	15.90	11.209	11.067	15.699
								4	13.47	13.44	15.89	11.007	11.112	15.620
								8	13.49	13.47	15.91	11.380	11.323	15.912
40MHz	0.23	0	-0.58	1.55	6565	123	SU	--	18.43	18.39	20.84	4.013	3.938	8.766
							26T	0	13.49	13.41	15.88	11.228	11.007	15.679
								9	13.44	13.45	15.88	10.987	11.246	15.679
								17	13.47	13.40	15.87	11.026	11.460	15.809
					6685	147	SU	--	18.42	18.40	20.84	4.119	3.817	8.761
							26T	0	13.38	13.40	15.82	11.436	11.243	15.901
								9	13.48	13.44	15.89	11.201	11.146	15.734
								17	13.37	13.35	15.79	11.068	11.263	15.727
					6845	179	SU	--	18.44	18.46	**20.88**	4.191	4.018	8.896
							26T	0	13.40	13.43	15.85	10.989	11.151	15.631
								9	13.44	13.45	15.88	11.484	11.199	15.904
								17	13.42	13.48	15.88	11.382	11.128	15.817
80MHz (FCC)	0.41	0.09	-0.58	1.55	6625	135	SU	--	18.39	18.41	20.83	1.350	0.833	6.069
							26T	0	13.37	13.44	15.84	10.157	10.257	14.858
								17	13.41	13.48	15.88	10.497	10.555	15.176
								36	13.27	13.42	15.78	9.984	10.247	14.768
80MHz	0.41	0.09	-0.58	1.55	6705	151	SU	--	18.48	18.46	**20.90**	0.755	0.497	5.598
							26T	0	13.40	13.44	15.85	10.501	10.033	14.924
								17	13.34	13.47	15.84	10.274	10.071	14.824
								36	13.23	13.45	15.77	9.979	10.250	14.767
					6785	167	SU	--	18.47	18.47	20.90	0.587	0.723	5.626
							26T	0	13.22	13.42	15.75	9.995	10.150	14.723
								17	13.32	13.48	15.83	10.067	10.227	14.798
								36	13.34	13.41	15.81	10.612	10.229	15.075
160MHz	0.61	0	-0.58	1.55	6665	143	SU	--	17.98	17.95	**20.40**	-2.313	-2.212	2.908
							26T	0	13.39	13.40	15.83	10.519	10.964	15.307
								36	13.44	13.49	15.90	10.613	10.660	15.197
								S36	13.40	13.47	15.87	10.954	10.777	15.427

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	0.13	0	-0.58	1.55	6535	117	SU	--	18.41	18.49	**20.88**	7.214	6.815	9.579
							26T	0	15.54	15.58	17.99	13.585	13.054	15.758
								4	15.42	15.54	17.91	13.382	11.763	15.078
								8	15.55	15.59	18.00	13.453	12.780	15.560
					6715	153	SU	--	18.44	18.41	20.86	6.726	6.571	9.209
							26T	0	15.51	15.48	17.93	13.006	12.669	15.271
								4	15.49	15.55	17.95	13.239	11.587	14.921
								8	15.44	15.51	17.91	13.275	12.600	15.381
					6855	181	SU	--	18.39	18.47	20.86	6.860	6.677	9.330
							26T	0	15.58	15.49	17.97	13.012	12.479	15.184
								4	15.56	15.57	18.00	13.110	11.451	14.790
								8	15.50	15.59	17.98	13.384	12.492	15.391
40MHz	0.23	0	-0.58	1.55	6565	123	SU	--	18.42	18.48	**20.88**	3.852	4.008	6.591
							26T	0	15.50	15.53	17.95	13.263	13.473	15.800
								9	15.51	15.52	17.94	12.943	12.732	15.269
								17	15.52	15.52	17.95	12.618	12.783	15.132
					6685	147	SU	--	18.48	18.40	20.87	3.660	3.453	6.218
							26T	0	15.53	15.54	17.96	12.467	12.686	15.008
								9	15.51	15.53	17.95	12.172	12.210	14.621
								17	15.51	15.53	17.95	12.253	12.554	14.836
					6845	179	SU	--	18.41	18.43	20.85	3.571	3.455	6.174
							26T	0	15.52	15.54	17.96	11.950	12.365	14.593
								9	15.51	15.52	17.95	12.452	12.028	14.675
								17	15.51	15.52	17.95	12.315	12.436	14.806
80MHz (FCC)	0.41	0.11	-0.58	1.55	6625	135	SU	--	18.40	18.48	20.87	0.555	0.301	3.270
							26T	0	15.54	15.58	17.99	13.073	12.528	15.349
								17	15.59	15.50	17.98	12.910	12.542	15.270
								36	15.57	15.48	17.96	12.649	12.799	15.265
80MHz	0.41	0.11	-0.58	1.55	6705	151	SU	--	18.47	18.43	**20.88**	0.491	0.122	3.151
							26T	0	15.47	15.54	17.94	12.575	12.894	15.278
								17	15.44	15.48	17.89	12.734	13.046	15.433
								36	15.51	15.57	17.97	12.553	12.726	15.181
					6785	167	SU	--	18.44	18.46	20.88	0.472	0.234	3.195
							26T	0	15.51	15.50	17.94	12.452	12.827	15.184
								17	15.46	15.59	17.96	12.936	12.607	15.315
								36	15.57	15.53	17.98	12.692	12.707	15.240
160MHz	0.6	0.1	-0.58	1.55	6665	143	SU	--	17.95	17.92	**20.37**	-0.213	-0.743	2.560
							26T	0	15.50	15.40	17.88	13.556	12.963	15.800
								36	15.49	15.40	17.88	13.515	13.201	15.891
								S36	15.58	15.42	17.93	13.246	12.966	15.639

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)

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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.

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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	0.13	0.1	4.10	-6.60	6115	33	SU	--	1.15	11.81	5.25	5.21	-10.102	-0.024	-5.872	-6.494
							MRU106+26T	82	-1.38	9.33	2.72	2.73	-9.364	0.075	-5.164	-6.425
								83	-1.36	9.22	2.74	2.62	-9.314	0.060	-5.114	-6.440
			4.10	-6.60	6175	45	SU	--	1.10	11.87	5.20	5.27	-9.428	0.906	-5.198	-5.564
							MRU106+26T	82	-1.38	9.25	2.72	2.65	-9.213	1.225	-5.013	-5.275
								83	-1.45	9.17	2.65	2.57	-9.468	0.887	-5.268	-5.613
			2.20	-6.80	6415	93	SU	--	3.26	12.34	5.46	**5.54**	-7.337	1.563	-5.007	-5.107
							MRU106+26T	82	0.64	9.65	2.84	2.85	-7.941	1.377	-5.641	-5.323
								83	0.52	9.55	2.72	2.75	-8.053	1.522	-5.753	-5.178
40MHz	0.23	0	4.10	-6.60	6125	35	SU	--	4.05	14.88	8.15	8.28	-10.334	0.421	-6.004	-5.949
							MRU106+26T	82	-1.35	9.39	2.75	2.79	-10.804	-0.418	-6.704	-7.018
								84	-1.48	9.34	2.62	2.74	-10.690	-1.403	-6.590	-8.003
								85	-1.38	9.36	2.72	2.76	-10.675	-1.415	-6.575	-8.015
			2.20	-6.80	6285	67	SU	--	6.05	15.00	8.25	8.20	-10.247	1.136	-7.817	-5.434
							MRU106+26T	82	0.49	9.63	2.69	2.83	-10.543	0.525	-8.343	-6.275
								84	0.57	9.60	2.77	2.80	-10.059	0.602	-7.859	-6.198
								85	0.55	9.64	2.75	2.84	-9.295	0.728	-7.095	-6.072
			2.20	-6.80	6405	91	SU	--	6.19	15.31	8.39	**8.51**	-9.774	0.661	-7.344	-5.909
							MRU106+26T	82	0.69	9.54	2.89	2.74	-8.705	0.029	-6.505	-6.771
								84	0.65	9.58	2.85	2.78	-8.500	-0.099	-6.300	-6.899
								85	0.60	9.49	2.80	2.69	-8.677	-0.307	-6.477	-7.107
80MHz	0.41	0.09	4.10	-6.60	6145	39	SU	--	7.25	17.99	11.35	**11.39**	-10.273	-0.624	-5.763	-6.814
							MRU106+26T	82	-1.40	9.36	2.70	2.76	-11.274	-0.373	-7.084	-6.883
								85	-1.38	9.38	2.72	2.78	-9.490	-1.432	-5.300	-7.942
								89	-1.41	9.30	2.69	2.70	-11.589	-1.552	-7.399	-8.062
			2.20	-6.80	6305	71	SU	--	9.04	18.06	11.24	11.26	-10.105	1.097	-7.495	-5.293
							MRU106+26T	82	0.55	9.61	2.75	2.81	-10.853	0.014	-8.563	-6.696
								85	0.65	9.59	2.85	2.79	-9.206	0.340	-6.916	-6.370
								89	0.61	9.68	2.81	2.88	-9.767	-1.201	-7.477	-7.911
			2.20	-6.80	6385	87	SU	--	8.82	18.15	11.02	11.35	-8.410	1.157	-5.800	-5.233
							MRU106+26T	82	0.67	9.48	2.87	2.68	-10.978	0.294	-8.688	-6.416
								85	0.65	9.58	2.85	2.78	-8.761	-0.200	-6.471	-6.910
								89	0.50	9.55	2.70	2.75	-9.027	-0.554	-6.737	-7.264
160MHz	0.61	0	4.10	-6.60	6185	47	SU	--	8.89	18.88	**12.99**	12.28	-11.403	-2.023	-6.693	-8.013
							52T	37	-5.45	5.32	-1.35	-1.28	-11.528	0.113	-7.428	-6.487
								52	-5.39	5.39	-1.29	-1.21	-11.255	0.675	-7.155	-5.925
								S52	-5.31	5.37	-1.21	-1.23	-11.362	1.217	-7.262	-5.383
			2.20	-6.80	6345	79	SU	--	10.77	18.90	12.97	12.10	-10.171	-1.807	-7.361	-7.997
							52T	37	-3.56	5.55	-1.36	-1.25	-9.769	0.712	-7.569	-6.088
								52	-3.51	5.50	-1.31	-1.30	-9.006	0.860	-6.806	-5.940
								S52	-3.61	5.55	-1.41	-1.25	-9.122	1.402	-6.922	-5.398

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)

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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	0.13	0.1	1.44	3.31	6115	33	SU	--	-1.02	-1.17	**3.36**	-12.801	-13.210	-6.550
							MRU106+26T	82	-3.55	-3.51	0.92	-12.497	-11.207	-5.384
								83	-3.64	-3.58	0.84	-18.400	-19.511	-12.500
			1.44	3.31	6175	45	SU	--	-1.21	-1.24	3.23	-12.669	-13.056	-6.408
							MRU106+26T	82	-3.55	-3.60	0.88	-19.412	-19.097	-12.831
								83	-3.57	-3.68	0.83	-17.956	-19.115	-12.077
			-0.30	1.83	6415	93	SU	--	0.38	0.45	3.13	-12.269	-12.785	-7.549
							MRU106+26T	82	-2.08	-2.02	0.66	-17.452	-20.748	-13.854
								83	-2.11	-2.05	0.63	-17.632	-20.821	-14.000
40MHz	0.23	0	1.44	3.31	6125	35	SU	--	1.88	1.79	**6.29**	-12.140	-12.485	-5.759
							MRU106+26T	82	-3.56	-3.51	0.92	-12.225	-13.140	-6.338
								84	-3.51	-3.62	0.89	-12.140	-12.703	-6.092
								85	-3.59	-3.53	0.89	-12.466	-13.141	-6.470
			-0.30	1.83	6285	67	SU	--	3.33	3.39	6.07	-11.498	-11.684	-6.520
							MRU106+26T	82	-2.13	-2.03	0.63	-11.732	-11.773	-6.912
								84	-2.09	-2.04	0.65	-11.388	-11.477	-6.592
								85	-2.11	-2.10	0.61	-11.597	-11.704	-6.810
			-0.30	1.83	6405	91	SU	--	3.58	3.50	6.25	-10.625	-10.998	-5.737
							MRU106+26T	82	-2.08	-2.05	0.65	-11.005	-11.246	-6.284
								84	-2.11	-2.15	0.58	-11.069	-11.554	-6.464
								85	-2.03	-2.07	0.66	-10.603	-11.264	-6.081
80MHz	0.41	0.09	1.44	3.31	6145	39	SU	--	5.09	5.00	**9.50**	-12.438	-12.451	-5.714
							MRU106+26T	82	-3.60	-3.55	0.88	-13.663	-13.793	-7.317
								85	-3.69	-3.51	0.85	-13.334	-13.172	-6.842
								89	-3.51	-3.53	0.93	-13.429	-12.887	-6.739
			-0.30	1.83	6305	71	SU	--	6.42	6.41	9.13	-12.780	-12.516	-7.396
							MRU106+26T	82	-1.92	-1.98	0.76	-11.360	-12.089	-6.779
								85	-1.92	-1.93	0.79	-11.778	-11.825	-6.871
								89	-1.92	-1.98	0.76	-11.554	-11.659	-6.676
			-0.30	1.83	6385	87	SU	--	6.22	6.20	8.92	-11.157	-10.845	-5.748
							MRU106+26T	82	-2.10	-2.16	0.58	-12.056	-12.009	-7.102
								85	-2.15	-2.13	0.57	-11.653	-11.786	-6.789
								89	-2.02	-2.02	0.69	-11.473	-11.683	-6.646
160MHz	0.61	0	1.44	3.31	6185	47	SU	--	6.42	6.52	**10.92**	-14.064	-15.301	-7.708
							52T	37	-7.55	-7.54	-3.09	-13.425	-13.811	-7.293
								52	-7.69	-7.65	-3.22	-13.329	-13.352	-7.020
								S52	-7.51	-7.54	-3.07	-13.312	-13.549	-7.109
			-0.30	1.83	6345	79	SU	--	8.05	8.00	10.74	-12.706	-13.216	-7.503
							52T	37	-6.11	-6.12	-3.40	-12.500	-12.056	-7.432
								52	-6.11	-6.19	-3.44	-12.162	-12.059	-7.270
								S52	-6.14	-6.23	-3.47	-11.960	-11.458	-6.861

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	0.13	0	1.44	3.31	6115	33	SU	--	0.77	0.70	5.19	-13.103	-13.486	-8.710
							MRU106+26T	82	-1.68	-1.61	2.81	-11.516	-11.376	-6.995
								83	-1.67	-1.70	2.77	-11.248	-11.419	-6.882
			1.44	3.31	6175	45	SU	--	0.74	0.68	5.16	-13.232	-13.591	-8.827
							MRU106+26T	82	-1.66	-1.71	2.77	-11.258	-10.837	-6.592
								83	-1.61	-1.70	2.80	-10.924	-10.967	-6.495
			-0.30	1.83	6415	93	SU	--	2.69	2.70	**5.41**	-11.074	-11.582	-8.480
							MRU106+26T	82	0.15	0.09	2.83	-9.228	-8.854	-6.327
								83	0.11	0.19	2.86	-8.903	-9.233	-6.355
40MHz	0.23	0.1	1.44	3.31	6125	35	SU	--	3.66	3.65	8.11	-9.816	-9.804	-5.130
							MRU106+26T	82	-1.65	-1.68	2.79	-11.473	-11.817	-7.091
								84	-1.61	-1.75	2.77	-11.694	-11.521	-7.056
								85	-1.71	-1.66	2.77	-11.399	-11.710	-7.001
			-0.30	1.83	6285	67	SU	--	5.54	5.50	8.23	-8.386	-8.638	-5.570
							MRU106+26T	82	0.05	0.08	2.78	-9.370	-9.892	-6.813
								84	-0.01	0.04	2.73	-9.482	-9.504	-6.683
								85	0.01	-0.04	2.70	-9.301	-9.249	-6.465
			-0.30	1.83	6405	91	SU	--	5.69	5.58	**8.35**	-9.258	-9.049	-6.212
							MRU106+26T	82	0.03	0.08	2.77	-8.681	-9.247	-6.144
								84	0.01	0.02	2.73	-8.998	-8.986	-6.182
								85	-0.02	-0.05	2.68	-9.061	-9.172	-6.306
80MHz	0.41	0	1.44	3.31	6145	39	SU	--	6.84	6.75	**11.25**	-14.759	-13.975	-9.489
							MRU106+26T	82	-1.65	-1.69	2.78	-11.913	-12.124	-7.567
								85	-1.69	-1.70	2.76	-11.892	-11.472	-7.227
								89	-1.61	-1.68	2.81	-11.568	-11.416	-7.041
			-0.30	1.83	6305	71	SU	--	8.55	8.49	11.23	-12.218	-11.027	-8.462
							MRU106+26T	82	0.04	0.08	2.77	-9.889	-9.461	-6.959
								85	0.14	0.15	2.86	-9.662	-9.964	-7.100
								89	0.15	0.18	2.88	-9.421	-9.514	-6.757
			-0.30	1.83	6385	87	SU	--	8.38	8.36	11.08	-12.192	-11.586	-8.758
							MRU106+26T	82	0.05	0.08	2.78	-9.181	-8.907	-6.332
								85	0.03	0.01	2.73	-8.998	-9.072	-6.325
								89	-0.03	0.04	2.72	-9.016	-9.179	-6.386
160MHz	0.6	0	1.44	3.31	6185	47	SU	--	8.49	8.44	**12.92**	-15.794	-14.573	-10.090
							52T	37	-5.64	-5.65	-1.19	-12.472	-11.829	-7.688
								52	-5.66	-5.68	-1.22	-11.787	-11.688	-7.287
								S52	-5.71	-5.61	-1.21	-11.525	-11.310	-6.966
			-0.30	1.83	6345	79	SU	--	10.10	10.18	12.85	-13.236	-12.350	-9.460
							52T	37	-4.11	-4.08	-1.38	-9.815	-9.446	-6.916
								52	-4.12	-4.06	-1.38	-9.706	-9.313	-6.795
								S52	-4.09	-4.03	-1.35	-9.471	-9.282	-6.665

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)

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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	0.13	0.1	1.50	-6.50	6435	97	SU	--	3.85	11.88	5.35	**5.38**	-11.972	1.101	-10.342	-5.269
							MRU106+26T	82	1.35	9.25	2.85	2.75	-8.060	0.997	-6.460	-5.403
								83	1.33	9.21	2.83	2.71	-8.298	0.923	-6.698	-5.477
			1.50	-6.50	6475	105	SU	--	3.81	11.84	5.31	5.34	-12.042	0.705	-10.412	-5.665
							MRU106+26T	82	1.29	9.20	2.79	2.70	-8.161	0.017	-6.561	-6.383
								83	1.38	9.22	2.88	2.72	-8.672	-0.106	-7.072	-6.506
			1.50	-6.50	6515	113	SU	--	3.79	11.79	5.29	5.29	-9.029	0.442	-7.399	-5.928
							MRU106+26T	82	1.37	9.17	2.87	2.67	-8.962	0.108	-7.362	-6.292
								83	1.32	9.28	2.82	2.78	-9.188	0.176	-7.588	-6.224
40MHz	0.23	0	1.50	-6.50	6445	99	SU	--	6.59	14.65	8.09	8.15	-7.849	0.719	-6.119	-5.551
							MRU106+26T	82	1.35	9.28	2.85	2.78	-8.338	0.526	-6.838	-5.974
								84	1.25	9.20	2.75	2.70	-7.665	0.522	-6.165	-5.978
								85	1.39	9.21	2.89	2.71	-7.660	0.294	-6.160	-6.206
			1.50	-6.50	6485	107	SU	--	6.55	14.59	8.05	8.09	-8.062	0.550	-6.332	-5.720
							MRU106+26T	82	1.31	9.24	2.81	2.74	-8.092	0.242	-6.592	-6.258
								84	1.23	9.19	2.73	2.69	-8.556	0.384	-7.056	-6.116
								85	1.39	9.24	2.89	2.74	-9.083	0.235	-7.583	-6.265
			1.90	-6.50	6525 (Straddle)	115	SU	--	6.34	14.80	8.24	**8.30**	-9.078	0.476	-6.948	-5.794
							MRU106+26T	82	0.98	9.17	2.88	2.67	-9.452	0.297	-7.552	-6.203
								84	0.91	9.10	2.81	2.60	-9.552	-2.320	-7.652	-8.820
								85	0.98	9.15	2.88	2.65	-9.433	-0.079	-7.533	-6.579
80MHz	0.41	0.09	1.50	-6.50	6465	103	SU	--	9.68	17.69	11.18	**11.19**	-6.983	0.536	-5.073	-5.554
							MRU106+26T	82	1.19	9.25	2.69	2.75	-7.950	0.523	-6.360	-5.887
								85	1.37	9.22	2.87	2.72	-7.942	0.421	-6.352	-5.989
								89	1.29	9.27	2.79	2.77	-8.158	0.513	-6.568	-5.897
160MHz	0.61	0	1.90	-6.50	6505 (Straddle)	111	SU	--	11.01	18.44	**12.91**	11.94	-8.626	-1.279	-6.116	-7.169
							52T	37	-3.21	5.29	-1.31	-1.21	-9.208	0.542	-7.308	-5.958
								52	-3.28	5.33	-1.38	-1.17	-9.301	0.390	-7.401	-6.110
								S52	-3.37	5.17	-1.47	-1.33	-9.493	0.508	-7.593	-5.992

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)

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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	0.13	0.1	-0.87	1.40	6435	97	SU	--	0.97	0.98	**3.12**	-11.006	-9.864	-5.857
							MRU106+26T	82	-1.77	-1.63	0.44	-11.474	-9.793	-6.042
								83	-1.81	-1.68	0.40	-11.468	-10.397	-6.389
			-0.87	1.40	6475	105	SU	--	0.94	0.97	3.10	-11.265	-9.989	-6.040
							MRU106+26T	82	-1.78	-1.68	0.41	-11.734	-10.879	-6.775
								83	-1.65	-1.78	0.43	-11.815	-10.688	-6.705
			-0.87	1.40	6515	113	SU	--	0.76	0.86	2.95	-12.254	-10.379	-6.676
							MRU106+26T	82	-1.72	-1.60	0.48	-12.738	-10.701	-7.091
								83	-1.78	-1.78	0.36	-12.715	-10.863	-7.181
40MHz	0.23	0	-0.87	1.40	6445	99	SU	--	3.78	3.70	5.88	-10.658	-9.235	-5.248
							MRU106+26T	82	-1.83	-1.62	0.42	-11.079	-10.887	-6.572
								84	-1.75	-1.61	0.46	-11.134	-10.694	-6.498
								85	-1.76	-1.69	0.42	-11.177	-10.823	-6.586
			-0.87	1.40	6485	107	SU	--	3.74	3.66	5.84	-10.637	-9.202	-5.220
							MRU106+26T	82	-1.85	-1.62	0.41	-11.311	-10.834	-6.656
								84	-1.65	-1.66	0.49	-11.325	-10.772	-6.629
								85	-1.80	-1.71	0.39	-11.171	-10.891	-6.618
			-0.52	1.69	6525 (Straddle)	115	SU	--	3.60	3.58	**6.08**	-10.586	-9.537	-5.100
							MRU106+26T	82	-2.08	-2.16	0.37	-11.844	-11.377	-6.904
								84	-2.11	-2.05	0.41	-11.884	-11.086	-6.766
								85	-2.05	-2.09	0.42	-11.642	-11.140	-6.683
80MHz	0.41	0.09	-0.87	1.40	6465	103	SU	--	6.72	6.77	**8.89**	-10.438	-9.413	-5.075
							MRU106+26T	82	-1.67	-1.68	0.47	-11.090	-10.248	-6.148
								85	-1.62	-1.66	0.50	-10.934	-10.265	-6.086
								89	-1.72	-1.70	0.43	-11.252	-10.200	-6.194
160MHz	0.61	0	-0.52	1.69	6505 (Straddle)	111	SU	--	8.28	8.28	**10.77**	-11.528	-10.332	-5.579
							52T	37	-6.23	-6.02	-3.63	-12.276	-11.430	-7.132
								52	-6.08	-6.11	-3.60	-12.225	-11.381	-7.082
								S52	-6.11	-6.18	-3.65	-12.660	-11.783	-7.499

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)

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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	0.13	0	-0.87	1.40	6435	97	SU	--	3.10	3.15	5.27	-7.802	-7.964	-5.612
							MRU106+26T	82	0.68	0.61	2.79	-7.483	-7.652	-5.426
								83	0.65	0.57	2.75	-7.200	-7.487	-5.201
			-0.87	1.40	6475	105	SU	--	3.05	3.11	5.22	-8.195	-8.287	-5.970
							MRU106+26T	82	0.67	0.69	2.82	-7.512	-7.827	-5.526
								83	0.68	0.63	2.80	-8.004	-7.978	-5.851
			-0.87	1.40	6515	113	SU	--	3.08	3.18	**5.27**	-8.440	-8.148	-6.021
							MRU106+26T	82	0.68	0.66	2.81	-8.055	-8.028	-5.901
								83	0.61	0.59	2.74	-8.206	-8.129	-6.027
40MHz	0.23	0.1	-0.87	1.40	6445	99	SU	--	5.94	5.98	8.10	-7.657	-8.089	-5.497
							MRU106+26T	82	0.60	0.61	2.75	-7.811	-7.797	-5.564
								84	0.64	0.65	2.79	-7.800	-7.337	-5.322
								85	0.63	0.69	2.80	-7.686	-7.705	-5.455
			-0.87	1.40	6485	107	SU	--	5.89	5.91	8.04	-8.130	-8.003	-5.696
							MRU106+26T	82	0.57	0.63	2.74	-7.742	-7.704	-5.483
								84	0.66	0.62	2.78	-8.405	-7.884	-5.896
								85	0.59	0.69	2.78	-8.425	-8.193	-6.067
			-0.52	1.69	6525 (Straddle)	115	SU	--	5.88	5.89	**8.38**	-8.559	-8.360	-5.738
							MRU106+26T	82	0.11	0.10	2.60	-8.857	-8.537	-6.104
								84	0.18	0.17	2.67	-9.030	-8.601	-6.220
								85	0.12	0.14	2.62	-9.249	-8.676	-6.363
80MHz	0.41	0	-0.87	1.40	6465	103	SU	--	9.07	9.09	**11.22**	-7.582	-7.860	-5.168
							MRU106+26T	82	0.67	0.64	2.80	-7.613	-7.690	-5.511
								85	0.62	0.67	2.79	-7.751	-7.990	-5.729
								89	0.62	0.60	2.75	-8.603	-8.083	-6.195
160MHz	0.6	0	-0.52	1.69	6505 (Straddle)	111	SU	--	10.44	10.38	**12.90**	-9.727	-9.519	-6.531
							52T	37	-3.89	-3.87	-1.39	-9.067	-8.870	-6.477
								52	-3.85	-3.90	-1.38	-9.689	-9.305	-7.002
								S52	-4.00	-4.29	-1.65	-12.903	-12.611	-10.264

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)

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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	0.13	0.1	1.90	-7.00	6535	117	SU	--	3.19	12.24	5.09	5.24	-8.680	0.605	-6.650	-6.265
							MRU106+26T	82	0.74	9.67	2.64	2.67	-11.005	-3.121	-9.005	-10.021
								83	0.70	9.64	2.60	2.64	-10.855	-2.685	-8.855	-9.585
					6715	153	SU	--	3.25	12.22	5.15	5.22	-8.015	0.830	-5.985	-6.040
							MRU106+26T	82	0.77	9.60	2.67	2.60	-11.970	-3.039	-9.970	-9.939
								83	0.78	9.63	2.68	2.63	-11.906	-2.825	-9.906	-9.725
			3.70	-7.00	6875 (Straddle)	185	SU	--	1.58	12.26	**5.28**	5.26	-10.182	-0.286	-6.352	-7.156
							MRU106+26T	82	-1.03	9.87	2.68	2.87	-13.630	-1.028	-9.830	-7.928
								83	-0.89	9.81	2.81	2.81	-13.431	-0.658	-9.631	-7.558
40MHz	0.23	0	1.90	-7.00	6565	123	SU	--	6.22	15.14	8.12	8.14	-10.718	-2.245	-8.588	-9.015
							MRU106+26T	82	0.79	9.53	2.69	2.53	-11.034	-2.801	-9.134	-9.801
								84	0.71	9.61	2.61	2.61	-10.738	-2.434	-8.838	-9.434
								85	0.70	9.59	2.60	2.59	-11.071	-2.510	-9.171	-9.510
					6685	147	SU	--	6.19	15.04	8.09	8.04	-11.200	-2.142	-9.070	-8.912
							MRU106+26T	82	0.77	9.65	2.67	2.65	-11.596	-2.889	-9.696	-9.889
								84	0.76	9.66	2.66	2.66	-11.465	-3.227	-9.565	-10.227
								85	0.79	9.58	2.69	2.58	-11.704	-3.256	-9.804	-10.256
					6845	179	SU	--	6.28	15.12	**8.18**	8.12	-11.744	-2.255	-9.614	-9.025
							MRU106+26T	82	0.60	9.59	2.50	2.59	-12.465	-2.400	-10.565	-9.400
								84	0.64	9.60	2.54	2.60	-12.238	-2.720	-10.338	-9.720
								85	0.57	9.52	2.47	2.52	-12.482	-2.657	-10.582	-9.657
80MHz	0.41	0.09	1.90	-6.50	6545 (Straddle)	119	SU	--	9.35	17.68	11.25	11.18	-7.540	0.831	-5.230	-5.259
							MRU106+26	82	0.86	9.17	2.76	2.67	-8.055	0.236	-6.065	-6.174
								85	0.88	9.10	2.78	2.60	-7.531	0.315	-5.541	-6.095
								89	0.81	9.18	2.71	2.68	-7.585	0.398	-5.595	-6.012
	0.41	0.09	1.90	-7.00	6705	151	SU	--	9.29	18.09	11.19	11.09	-7.766	1.248	-5.456	-5.342
							MRU106+26T	82	0.81	9.61	2.71	2.61	-7.808	0.553	-5.818	-6.357
								85	0.78	9.66	2.68	2.66	-7.822	0.436	-5.832	-6.474
								89	0.89	9.78	2.79	2.78	-8.529	0.483	-6.539	-6.427
	0.41	0.09	3.70	-7.00	6865 (Straddle)	183	SU	--	7.56	18.18	**11.26**	11.18	-9.885	0.902	-5.775	-5.688
							MRU106+26	82	-1.19	9.73	2.51	2.73	-10.702	-1.339	-6.912	-8.249
								85	-1.05	9.68	2.65	2.68	-10.705	-1.293	-6.915	-8.203
								89	-1.10	9.70	2.60	2.70	-10.646	-1.398	-6.856	-8.308
160MHz	0.61	0	1.90	-7.00	6665	143	SU	--	11.02	18.44	12.92	11.44	-8.678	-1.233	-6.168	-7.623
							52T	37	-3.22	5.70	-1.32	-1.30	-8.638	0.332	-6.738	-6.668
								52	-3.31	5.76	-1.41	-1.24	-8.753	0.661	-6.853	-6.339
								S52	-3.38	5.69	-1.48	-1.31	-11.179	0.502	-9.279	-6.498
	0.61	0	3.70	-7.00	6825 (Straddle)	175	SU	--	9.27	18.09	**12.97**	11.09	-10.524	-1.782	-6.214	-8.172
							52T	37	-4.99	5.64	-1.29	-1.36	-10.934	0.243	-7.234	-6.757
								52	-4.98	5.58	-1.28	-1.42	-11.151	0.078	-7.451	-6.922
								S52	-4.92	5.57	-1.22	-1.43	-11.101	-1.643	-7.401	-8.643

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)

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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	0.13	0.1	-0.58	1.55	6535	117	SU	--	0.51	0.54	2.96	-10.576	-9.873	-5.520
							MRU106+26T	82	-1.99	-1.91	0.48	-12.150	-12.864	-7.832
								83	-1.93	-1.94	0.50	-12.027	-12.953	-7.805
					6715	153	SU	--	0.54	0.50	2.95	-12.462	-12.441	-7.761
							MRU106+26T	82	-1.94	-1.97	0.48	-12.428	-13.087	-8.085
								83	-1.92	-1.93	0.51	-12.310	-13.516	-8.211
	0.13	0.1	1.04	2.91	6875 (Straddle)	185	SU	--	-0.65	-0.78	**3.34**	-15.678	-16.711	-10.114
							MRU106+26T	82	-3.12	-3.12	0.93	-13.493	-14.416	-7.910
								83	-3.13	-3.12	0.93	-13.294	-14.414	-7.798
40MHz	0.23	0	-0.58	1.55	6565	123	SU	--	3.58	3.55	**5.99**	-13.844	-13.169	-8.703
							MRU106+26T	82	1.95	-1.91	2.87	-12.609	-12.893	-8.188
								84	-1.93	-1.95	0.49	-12.487	-12.732	-8.047
								85	-2.01	-1.99	0.43	-12.390	-13.175	-8.204
					6685	147	SU	--	3.48	3.44	5.89	-13.736	-13.757	-8.956
							MRU106+26T	82	-1.92	-2.03	0.46	-12.461	-12.679	-8.008
								84	-1.91	-2.00	0.48	-12.669	-12.495	-8.021
								85	-1.93	-1.92	0.51	-12.567	-13.052	-8.242
					6845	179	SU	--	3.51	3.49	5.93	-13.997	-14.006	-9.211
							MRU106+26T	82	-1.95	-1.97	0.47	-12.279	-13.227	-8.167
								84	-1.92	-1.93	0.51	-12.561	-12.670	-8.055
								85	-1.94	-1.94	0.49	-12.512	-13.603	-8.463
80MHz	0.41	0.09	-0.52	1.69	6545 (Straddle)	119	SU	--	6.55	6.49	9.01	-11.171	-10.638	-5.786
							MRU106+26T	82	-2.09	-2.05	0.42	-12.888	-13.279	-8.289
								85	-2.01	-2.02	0.48	-12.625	-13.413	-8.211
								89	-2.03	-2.03	0.46	-12.771	-13.552	-8.354
	0.41	0.09	-0.58	1.55	6705	151	SU	--	6.64	6.63	9.07	-9.777	-10.786	-5.282
							MRU106+26T	82	-1.85	-1.91	0.55	-12.076	-12.807	-7.776
								85	-1.81	-1.81	0.62	-12.379	-13.036	-8.045
								89	-1.87	-1.97	0.51	-12.433	-13.127	-8.116
	0.41	0.09	1.04	2.91	6865 (Straddle)	183	SU	--	5.28	5.19	**9.29**	-11.396	-12.468	-5.569
							MRU106+26T	82	-3.28	-3.21	0.81	-13.942	-14.574	-8.236
								85	-3.21	-3.31	0.79	-13.909	-14.669	-8.262
								89	-3.23	-3.27	0.80	-14.272	-14.359	-8.305
160MHz	0.61	0	-0.58	1.55	6665	143	SU	--	8.33	8.35	10.77	-12.668	-12.241	-7.279
							52T	37	-5.89	-5.90	-3.46	-12.459	-13.426	-8.355
								52	-5.84	-5.86	-3.42	-13.486	-12.939	-8.644
								S52	-5.88	-5.91	-3.46	-13.906	-14.657	-9.705
	0.61	0	1.04	2.91	6825 (Straddle)	175	SU	--	6.98	6.87	**10.97**	-14.634	-14.679	-8.126
							52T	37	-7.22	-7.15	-3.13	-14.321	-15.897	-9.118
								52	-7.21	-7.12	-3.11	-15.081	-16.23	-9.697
								S52	-7.15	-7.19	-3.12	-14.968	-16.523	-9.756

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	0.13	0	-0.58	1.55	6535	117	SU	--	2.78	2.65	5.15	-9.547	-11.492	-7.851
							MRU106+26T	82	0.28	0.25	2.70	-10.253	-12.218	-8.695
								83	0.22	0.27	2.68	-9.893	-12.163	-8.451
					6715	153	SU	--	2.66	2.59	5.06	-9.566	-11.592	-7.902
							MRU106+26T	82	0.25	0.20	2.66	-10.549	-12.287	-8.901
								83	0.24	0.19	2.65	-10.260	-11.737	-8.506
	0.13	0	1.04	2.91	6875 (Straddle)	185	SU	--	1.24	1.18	**5.26**	-9.963	-15.425	-7.706
							MRU106+26T	82	-1.22	-1.24	2.82	-10.076	-12.243	-6.975
								83	-1.29	-1.28	2.77	-9.860	-11.826	-6.682
40MHz	0.23	0.1	-0.58	1.55	6565	123	SU	--	5.75	5.77	8.19	-9.673	-9.746	-7.049
							MRU106+26T	82	0.24	0.28	2.69	-9.926	-10.954	-7.879
								84	0.25	0.25	2.68	-9.873	-10.084	-7.447
								85	0.21	0.29	2.68	-10.029	-10.663	-7.804
					6685	147	SU	--	5.76	5.78	**8.20**	-9.619	-9.617	-6.958
							MRU106+26T	82	0.24	0.19	2.65	-10.365	-10.196	-7.749
								84	0.24	0.27	2.69	-9.679	-9.983	-7.298
								85	0.26	0.27	2.70	-9.934	-10.068	-7.470
					6845	179	SU	--	5.76	5.70	8.16	-9.620	-10.159	-7.221
							MRU106+26T	82	0.28	0.29	2.72	-10.330	-10.535	-7.901
								84	0.22	0.26	2.67	-9.982	-10.584	-7.742
								85	0.21	0.28	2.68	-10.450	-10.717	-8.051
80MHz	0.41	0	-0.52	1.69	6545 (Straddle)	119	SU	--	8.77	8.71	**11.23**	-10.521	-9.743	-7.214
							MRU106+26	82	0.15	0.17	2.65	-10.063	-10.510	-7.790
								84	0.19	0.09	2.63	-9.934	-10.490	-7.713
								85	0.17	0.11	2.63	-9.736	-10.711	-7.706
	0.41	0	-0.58	1.55	6705	151	SU	--	8.71	8.75	11.16	-12.290	-13.254	-9.905
							MRU106+26T	82	0.27	0.29	2.71	-9.670	-10.161	-7.478
								85	0.24	0.29	2.70	-9.990	-10.781	-7.937
								89	0.21	0.25	2.66	-9.936	-10.942	-7.980
	0.41	0	1.04	2.91	6865 (Straddle)	183	SU	--	7.18	7.14	11.21	-9.562	-9.832	-5.235
							MRU106+26	82	-1.41	-1.44	2.63	-11.892	-12.345	-8.062
								85	-1.48	-1.54	2.54	-11.479	-12.495	-7.907
								89	-1.46	-1.41	2.62	-11.867	-12.394	-8.072
160MHz	0.6	0	-0.58	1.55	6665	143	SU	--	10.44	10.49	12.90	-9.784	-8.954	-6.319
							52T	37	-3.78	-3.77	-1.34	-10.224	-14.884	-9.527
								52	-3.71	-3.79	-1.32	-10.206	-15.278	-9.610
								S52	-3.75	-3.72	-1.30	-10.497	-15.144	-9.796
	0.6	0	1.04	2.91	6825 (Straddle)	175	SU	--	8.81	8.88	**12.90**	-10.537	-10.647	-5.941
							52T	37	-5.23	-5.27	-1.20	-10.545	-15.118	-8.205
								52	-5.31	-5.25	-1.23	-10.396	-15.383	-8.160
								S52	-5.37	-5.28	-1.27	-10.597	-14.895	-8.184

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)

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9.7.10. 802.11a SISO MODE IN THE UNII-8 BAND – 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)	
	[redacted]							Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
20MHz	0	3.70	-8.20	7115	233	--	--	-3.51	-3.56	0.19	-11.76	-13.435	-13.974	-9.735	-22.174

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)

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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	0.13	0.1	3.70	-8.20	6895	189	SU	--	1.45	13.45	5.15	5.25	-10.142	1.074	-6.312	-6.996
							MRU106+26T	82	-0.88	10.75	2.82	2.55	-12.310	0.411	-8.510	-7.689
								83	-0.84	10.89	2.86	2.69	-13.071	0.545	-9.271	-7.555
					6995	209	SU	--	1.40	13.39	5.10	5.19	-10.009	1.046	-6.179	-7.024
							MRU106+26T	82	-0.89	10.82	2.81	2.62	-13.192	0.328	-9.392	-7.772
								83	-0.81	10.91	2.89	2.71	-13.300	0.328	-9.500	-7.772
					7095	229	SU	--	1.61	13.65	5.31	**5.45**	-10.443	2.122	-6.613	-5.948
							MRU106+26T	82	-0.81	10.85	2.89	2.65	-10.268	2.767	-6.468	-5.333
								83	-0.87	10.75	2.83	2.55	-9.481	2.252	-5.681	-5.848
40MHz	0.23	0	3.70	-7.00	6885 (Straddle)	187	SU	--	4.56	15.18	8.26	8.18	-9.929	-0.373	-5.999	-7.143
							MRU106+26T	82	-0.91	9.81	2.79	2.81	-11.895	-0.530	-8.195	-7.530
								84	-0.98	9.85	2.72	2.85	-13.106	-0.361	-9.406	-7.361
								85	-0.85	9.82	2.85	2.82	-12.463	-0.644	-8.763	-7.644
			3.70	-8.20	6965	203	SU	--	4.38	16.38	8.08	**9.38**	-10.501	0.725	-6.571	-7.245
							MRU106+26T	82	-0.95	10.81	2.75	3.81	-13.677	0.187	-9.977	-6.813
								84	-0.95	10.91	2.75	3.91	-13.578	0.458	-9.878	-7.742
								85	-0.99	10.97	2.71	3.97	-14.051	0.236	-10.351	-7.964
					7085	227	SU	--	4.65	16.35	8.35	9.35	-9.530	0.921	-5.600	-7.049
							MRU106+26T	82	-0.93	11.05	2.77	4.05	-13.522	0.723	-9.822	-7.477
								84	-0.83	11.04	2.87	4.04	-13.021	0.647	-9.321	-7.553
								85	-0.82	11.09	2.88	4.09	-12.546	0.607	-8.846	-7.593
80MHz	0.41	0.09	3.70	-8.20	6945	199	SU	--	7.56	18.95	11.26	10.75	-9.267	1.636	-5.157	-6.154
							MRU106+26T	82	-1.00	10.94	2.70	2.74	-9.993	2.425	-6.203	-5.685
								85	-1.04	10.91	2.66	2.71	-10.178	2.889	-6.388	-5.221
								89	-0.93	10.76	2.77	2.56	-9.777	2.324	-5.987	-5.786
					7025	215	SU	--	7.68	18.82	**11.38**	10.62	-9.621	-2.599	-5.511	-10.389
							MRU106+26T	82	-0.89	10.87	2.81	2.67	-10.100	2.242	-6.310	-5.868
								85	-0.82	10.77	2.88	2.57	-9.505	2.824	-5.715	-5.286
								89	-1.05	10.97	2.65	2.77	-10.023	2.893	-6.233	-5.217
160MHz	0.61	0	3.70	-8.20	6985	207	SU	--	9.24	18.13	**12.94**	9.93	-9.708	-0.206	-5.398	-7.796
							52T	37	-5.16	6.84	-1.46	-1.36	-10.629	3.185	-6.929	-5.015
								52	-5.11	6.76	-1.41	-1.44	-10.153	2.400	-6.453	-5.800
								S52	-5.16	6.88	-1.46	-1.32	-9.742	3.131	-6.042	-5.069

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)

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9.7.12. 802.11a MIMO MODE IN THE UNII-8 BAND – 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	0.96	2.66	7115	233	--	--	-4.58	-4.51	**-0.58**	-14.620	-14.210	-8.740

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)

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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	0.13	0.1	0.96	2.66	6895	189	SU	--	-0.63	-0.52	3.40	-13.111	-11.452	-6.402
							MRU106+26T	82	-2.88	-2.87	1.10	-11.117	-11.042	-5.309
								83	-2.82	-2.85	1.14	-10.745	-11.259	-5.224
					6995	209	SU	--	-0.51	-0.58	3.43	-12.756	-9.594	-5.093
							MRU106+26T	82	-2.82	-2.81	1.16	-10.824	-11.359	-5.313
								83	-2.89	-2.91	1.07	-10.850	-10.917	-5.113
					7095	229	SU	--	-0.33	-0.21	**3.70**	-11.507	-10.931	-5.409
							MRU106+26T	82	-2.87	-2.83	1.12	-10.864	-10.954	-5.138
								83	-2.95	-2.87	1.06	-10.763	-11.061	-5.139
40MHz	0.23	0	1.04	2.91	6885 (Straddle)	187	SU	--	2.28	2.25	6.32	-16.245	-15.884	-9.910
							MRU106+26T	82	-3.15	-3.11	0.92	-12.264	-12.735	-6.573
								84	-3.18	-3.25	0.84	-11.648	-11.831	-5.818
								85	-3.15	-3.11	0.92	-11.531	-11.920	-5.801
			0.96	2.66	6965	203	SU	--	2.34	2.39	6.34	-15.238	-15.433	-9.434
							MRU106+26T	82	-2.95	-2.98	1.09	-11.082	-11.630	-5.677
								84	-2.97	-3.01	0.98	-11.289	-11.720	-5.829
								85	-3.05	-3.00	0.95	-11.681	-12.034	-6.184
					7085	227	SU	--	2.56	2.54	**6.52**	-14.879	-15.182	-9.128
							MRU106+26T	82	-2.85	-2.88	1.11	-11.518	-11.582	-5.880
								84	-2.86	-2.91	1.09	-11.074	-11.108	-5.421
								85	-2.84	-2.84	1.13	-11.500	-11.599	-5.879
80MHz	0.41	0.09	0.96	2.66	6945	199	SU	--	5.58	5.55	**9.54**	-16.515	-16.161	-10.254
							MRU106+26T	82	-2.84	-2.81	1.15	-16.853	-17.135	-11.231
								85	-2.88	-2.82	1.12	-16.496	-17.796	-11.337
								89	-2.91	-2.94	1.05	-16.768	-17.252	-11.243
					7025	215	SU	--	5.41	5.45	9.40	-16.275	-16.264	-10.189
							MRU106+26T	82	-2.84	-2.81	1.15	-17.329	-16.662	-11.222
								85	-2.89	-2.88	1.09	-17.162	-16.419	-11.014
								89	-2.86	-2.86	1.11	-16.467	-16.699	-10.821
160MHz	0.61	0	0.96	2.66	6985	207	SU	--	7.25	7.24	**11.22**	-11.245	-11.625	-5.151
							52T	37	-7.02	-7.16	-3.12	-11.812	-12.075	-6.271
								52	-7.20	-7.80	-3.52	-11.724	-12.492	-6.421
								S52	-7.10	-7.41	-3.28	-11.747	-12.482	-6.429

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)

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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	0.13	0	0.96	2.66	6895	189	SU	--	1.18	1.17	5.15	-9.720	-9.378	-5.445
							MRU106+26T	82	-1.25	-1.22	2.74	-9.976	-9.816	-5.925
								83	-1.28	-1.24	2.71	-10.011	-10.370	-6.216
					6995	209	SU	--	1.14	1.19	5.14	-9.921	-9.839	-5.780
							MRU106+26T	82	-1.28	-1.31	2.68	-10.408	-10.653	-6.558
								83	-1.30	-1.32	2.66	-10.497	-10.830	-6.690
					7095	229	SU	--	1.35	1.22	**5.26**	-10.345	-9.636	-5.876
							MRU106+26T	82	-1.11	-1.12	2.86	-9.132	-8.960	-5.075
								83	-1.14	-1.11	2.85	-9.369	-8.995	-5.208
40MHz	0.23	0.1	1.04	2.91	6885 (Straddle)	187	SU	--	4.15	4.19	8.22	-9.692	-9.208	-5.163
							MRU106+26T	82	-1.28	-1.22	2.80	-9.961	-10.918	-6.263
								84	-1.25	-1.22	2.82	-9.474	-10.171	-5.658
								85	-1.22	-1.24	2.82	-9.795	-10.452	-5.961
			0.96	2.66	6965	203	SU	--	4.06	4.09	8.05	-10.031	-9.679	-5.651
							MRU106+26T	82	-1.27	-1.23	2.72	-9.634	-10.516	-5.982
								84	-1.24	-1.29	2.71	-9.573	-10.642	-6.004
								85	-1.22	-1.25	2.74	-9.696	-10.661	-6.081
					7085	227	SU	--	4.29	4.25	**8.24**	-10.019	-9.380	-5.487
							MRU106+26T	82	-1.18	-1.12	2.82	-10.196	-10.767	-6.402
								84	-1.12	-1.11	2.86	-9.962	-10.233	-6.025
								85	-1.12	-1.14	2.84	-10.308	-10.483	-6.324
80MHz	0.41	0	0.96	2.66	6945	199	SU	--	7.24	7.25	**11.22**	-9.648	-9.362	-5.122
							MRU106+26T	82	-1.12	-1.12	2.85	-9.741	-10.492	-6.130
								85	-1.15	-1.11	2.84	-9.919	-10.849	-6.389
								89	-1.17	-1.12	2.83	-10.317	-11.336	-6.826
					7025	215	SU	--	7.19	7.16	11.15	-10.336	-9.602	-5.573
							MRU106+26T	82	-1.26	-1.25	2.72	-10.002	-11.096	-6.544
								85	-1.29	-1.28	2.69	-9.956	-10.882	-6.424
								89	-1.25	-1.21	2.74	-10.394	-10.261	-6.357
160MHz	0.6	0	0.96	2.66	6985	207	SU	--	8.99	8.93	**12.93**	-10.674	-10.359	-5.943
							52T	37	-5.33	-5.38	-1.38	-9.919	-11.374	-6.616
								52	-5.31	-5.34	-1.35	-10.298	-11.865	-7.041
								S52	-5.31	-5.37	-1.37	-10.419	-11.550	-6.977

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)

UL VERIFICATION SERVICES INC.
47173 Benicia Street, Fremont, CA 94538, USA TEL:(510) 319-4000 FAX:(510) 661-0888