

PART 15E & RSS-248 RF TEST REPORT

FCC ID:	A3LSMS741B	Samsung Electronics Co., Ltd. 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Rep. of Korea Certification
Model (s):	SM-S741B/DS, SM-S741B	
Device Type:	Portable Handset	
Report Issue Date:	Aug 5, 2026	

The measurement evaluations presented in this report are based on the maximum performance of the tested device(s), which has been shown to be capable of compliance with the applicable technical requirements specified herein and has been tested in accordance with the measurement procedures outlined in 47CFR §2.947, ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024.

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This document has been revised and replaces all previously issued versions of this document with the same Test Report S/N.



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1. DUT Specifics

1.1. Device under Test

The manufacturer has confirmed that the device is within operational tolerances expected for production units and has the same physical, mechanical, and thermal characteristics expected for production units. The serial number of the device used for each test is indicated alongside the results.

1.2. Maximum Power per Mode

Table 1-1 Standard Power (6CD) Maximum EIRP Summary

Band	Operating Mode	Band Width [MHz]	Frequency Range [MHz]			Max E.I.R.P	
						[dBm]	[W]
UNII 5	802.11a	20	5935	-	6415	15.44	0.035
	802.11ax	20	5935	-	6415	15.69	0.037
		40	5965	-	6405	15.71	0.037
		80	5985	-	6385	15.71	0.037
		160	6025	-	6345	15.52	0.036
UNII 7	802.11a	20	6535	-	6855	15.43	0.035
	802.11ax	20	6535	-	6855	15.52	0.036
		40	6565	-	6845	15.59	0.036
		80	6625	-	6785	15.66	0.037
		160	6665	-	6665	15.45	0.035

Table 1-2 Low Power Indoor (6CD) Maximum EIRP Summary

Band	Operating Mode	Band Width [MHz]	Frequency Range [MHz]			Max E.I.R.P	
						[dBm]	[W]
UNII 5	802.11a	20	5935	-	6415	10.38	0.011
	802.11ax	20	5935	-	6415	11.32	0.014
		40	5965	-	6405	11.60	0.014
		80	5985	-	6385	11.70	0.015
		160	6025	-	6345	11.54	0.014
UNII 6	802.11a	20	6435	-	6515	10.03	0.010
	802.11ax	20	6435	-	6515	11.05	0.013
		40	6445	-	6525	11.41	0.014
		80	6465	-	6545	11.54	0.014
		160	6505	-	6505	11.36	0.014
UNII 7	802.11a	20	6535	-	6855	9.83	0.010
	802.11ax	20	6535	-	6855	11.13	0.013
		40	6565	-	6845	11.42	0.014
		80	6625	-	6785	11.56	0.014
		160	6665	-	6665	11.17	0.013
UNII 8	802.11a	20	6875	-	7115	9.48	0.009
	802.11ax	20	6875	-	7115	10.66	0.012
		40	6885	-	7085	11.15	0.013
		80	6865	-	7025	11.28	0.013
		160	6825	-	6985	10.92	0.012

Table 1-3 Very Low Power (6VL) Maximum EIRP Summary

Band	Operating Mode	Band Width [MHz]	Frequency Range [MHz]			Max E.I.R.P	
						[dBm]	[W]
UNII 5	802.11a	20	5935	-	6415	4.66	0.003
	802.11ax	20	5935	-	6415	4.42	0.003
		40	5965	-	6405	4.54	0.003
		80	5985	-	6385	4.75	0.003
		160	6025	-	6345	4.60	0.003
UNII 6	802.11a	20	6435	-	6515	3.95	0.002
	802.11ax	20	6435	-	6515	4.25	0.003
		40	6445	-	6525	4.19	0.003
		80	6465	-	6545	4.51	0.003
		160	6505	-	6505	4.43	0.003
UNII 7	802.11a	20	6535	-	6855	4.58	0.003
	802.11ax	20	6535	-	6855	4.38	0.003
		40	6565	-	6845	4.39	0.003
		80	6625	-	6785	4.65	0.003
		160	6665	-	6665	4.37	0.003
UNII 8	802.11a	20	6875	-	7115	4.36	0.003
	802.11ax	20	6875	-	7115	4.41	0.003
		40	6885	-	7085	4.29	0.003
		80	6865	-	7025	4.41	0.003
		160	6825	-	6985	4.37	0.003

1.3. Maximum Occupied Bandwidth per Mode

Table 1-4 Standard Power (6CD) Maximum Occupied Bandwidth Summary

Band	Operating Mode	Band Width [MHz]	Frequency Range [MHz]			Max OBW
						[MHz]
UNII 5	802.11a	20	5935	-	6415	17.60
	802.11ax	20	5935	-	6415	19.46
		40	5965	-	6405	38.35
		80	5985	-	6385	78.49
		160	6025	-	6345	157.97
UNII 7	802.11a	20	6535	-	6855	17.57
	802.11ax	20	6535	-	6855	19.30
		40	6565	-	6845	38.32
		80	6625	-	6785	78.42
		160	6665	-	6665	158.19

Table 1-5 Low Power Indoor (6CD) Maximum Occupied Bandwidth Summary

Band	Operating Mode	Band Width [MHz]	Frequency Range [MHz]			Max OBW
						[MHz]
UNII 5	802.11a	20	5935	-	6415	17.64
	802.11ax	20	5935	-	6415	19.34
		40	5965	-	6405	38.38
		80	5985	-	6385	78.40
		160	6025	-	6345	158.15
UNII 6	802.11a	20	6435	-	6515	17.59
	802.11ax	20	6435	-	6515	19.37
		40	6445	-	6525	38.34
		80	6465	-	6545	78.47
		160	6505	-	6505	158.02
UNII 7	802.11a	20	6535	-	6855	17.62
	802.11ax	20	6535	-	6855	19.38
		40	6565	-	6845	38.39
		80	6625	-	6785	78.49
		160	6665	-	6665	158.11
UNII 8	802.11a	20	6875	-	7115	17.54
	802.11ax	20	6875	-	7115	19.31
		40	6885	-	7085	38.36
		80	6865	-	7025	78.38
		160	6825	-	6985	158.01

Table 1-6 Very Low Power (6VL) Maximum Occupied Bandwidth Summary

Band	Operating Mode	Band Width [MHz]	Frequency Range [MHz]			Max OBW
						[MHz]
UNII 5	802.11a	20	5935	-	6415	17.66
	802.11ax	20	5935	-	6415	19.39
		40	5965	-	6405	38.30
		80	5985	-	6385	78.45
		160	6025	-	6345	157.96
UNII 6	802.11a	20	6435	-	6515	17.60
	802.11ax	20	6435	-	6515	19.91
		40	6445	-	6525	38.39
		80	6465	-	6545	78.62
		160	6505	-	6505	157.88
UNII 7	802.11a	20	6535	-	6855	17.59
	802.11ax	20	6535	-	6855	19.34
		40	6565	-	6845	38.34
		80	6625	-	6785	78.53
		160	6665	-	6665	158.02
UNII 8	802.11a	20	6875	-	7115	17.63
	802.11ax	20	6875	-	7115	19.35
		40	6885	-	7085	38.33
		80	6865	-	7025	78.44
		160	6825	-	6985	158.02

1.4. Supported Bands Operation

Table 1-7 Operations Class and Bandwidths List

Band	Operation Class			Supported Bandwidth [MHz]			
	SP	LPI	VLP	20	40	80	160
UNII 5	✓	✓	✓	✓	✓	✓	✓
UNII 6		✓	✓	✓	✓	✓	✓
UNII 7	✓	✓	✓	✓	✓	✓	✓
UNII 8		✓	✓	✓	✓	✓	✓

1.5. Description of Antennas

The antenna gain values are provided by the manufacturer in the antenna specification document. The document is included in the certification filing as a public exhibit. The highest antenna gain for each operating frequency band is applied during the compliance evaluation.

Table 1-8 Antenna Operating Configurations

Band	Mode	SISO		MIMO	
		Ant 1	Ant 2	Ant 1	Ant 2
6 GHz	802.11a	✓	✓	✓	✓
	802.11ax	✓	✓	✓	✓

(✓ indicates Supported)

Table 1-9 Maximum Antenna Peak Gain by Operating Band

Antenna		UNII 5	UNII 6	UNII 7	UNII 8
Antenna 1	[dBi]	-7.09	-7.45	-7.25	-7.42
Antenna 2	[dBi]	-7.39	-7.42	-7.42	-7.75
Directional Gain	[dBi]	-4.23	-4.42	-4.32	-4.57

Table 1-10 Minimum Antenna Peak Gain by Operating Band

Antenna		UNII 5	UNII 6	UNII 7	UNII 8
Antenna 1	[dBi]	-7.55	-7.51	-7.75	-7.85
Antenna 2	[dBi]	-7.57	-7.48	-7.68	-7.88

Note 1 : The worst-case contention-based protocol test was performed using the minimum antenna peak gain.

Note 2 : The DUT incorporates an internal, permanently attached antenna which cannot be replaced by the end-user. Therefore, DUT complies with the requirements of §15.203

Note 3 : Per KDB 662911 D01 v02r01, the directional gain for MIMO operations with unequal antenna gains and equal transmit powers was calculated as follows

$$\text{Correlated Directional Gain} = 10 \log \left[\left(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20} \right)^2 / N_{\text{ANT}} \right] \text{ dBi}$$

2. Executive Summary

2.1. Device Description

The DUT is a portable wireless handset designed to operate across multiple communication standards and frequency bands. This report covers the complete compliance testing of 6GHz WLAN (6CD & 6VL) in accordance with the applicable standards and regulatory requirements.

2.2. Summary of Test Results

The DUT has been tested according to the following specifications. The test period was from June 17, 2026 through July 3, 2026.

Test Condition	Test Item	FCC	ISED	Limit		Test Result	Reference
Conducted	The Maximum e.i.r.p	§15.407(a)(7)	RSS-248(4.5.5)	(SP)	< 30 dBm	PASS	Section 5.4
		§15.407(a)(8)	RSS-248(4.5.3)	(LPI)	< 24 dBm	PASS	Section 5.4
		§15.407(a)(9)	RSS-248(4.5.6)	(VLP)	< 14 dBm	PASS	Section 5.4
	The Maximum Conducted Output Power	§15.407(a)(12)	RSS-248(4.5)	N/A		PASS	Section 5.4
	The Maximum Power Spectral Density e.i.r.p	§15.407(a)(7)	RSS-248(4.5.5)	(SP)	< 17 dBm/MHz	PASS	Section 5.5
		§15.407(a)(8)	RSS-248(4.5.3)	(LPI)	< -1 dBm/MHz	PASS	Section 5.5
		§15.407(a)(9)	RSS-248(4.5.6)	(VLP)	< -5 dBm/MHz	PASS	Section 5.5
	Occupied & Emission bandwidth	§15.407(a)(11)	RSS-248(4.5)	< 320 MHz		PASS	Section 5.6
	In-Band Emissions	§15.407(b)(6)	RSS-248(4.6.2)	The DUT shall comply with the limits specified in §15.407(b)(6)		PASS	Section 5.7
	Contention-based protocol	§15.407(d)(6)	RSS-248(4.7)	AWGN detection probability ≥ 90%		PASS	Section 5.8
	Dual Client Power Adjustment Verification	§15.407(a)(8)	RSS-248(4.5.5)	Client EIRP at least 6 dB below the associated Standard Power AP EIRP		PASS	Section 5.9
	Transmit Power Control	§15.407(d)(10)	RSS-248(4.5.6)	Operate at least 6 dB below the device's maximum e.i.r.p. PSD value '-5dBm/MHz'		PASS	Section 5.10
AC Conducted Emissions	§15.407(b)(9)	RSS-Gen(8.8)	The DUT shall comply with the limits specified in §15.207		PASS	Section 7.0	
Radiated	Unwanted Emissions Outside of the Band	§15.407(b)(7) §15.205 §15.209	RSS-248(4.6.2) RSS-Gen(8.9)	< e.i.r.p of -27 dBm/MHz Outside of the 5.925 ~ 7.125 GHz Band The DUT shall comply with the limits specified in §15.205,§15.209		PASS	Section 6.2

2.3. Test Guidance Applied

Testing was performed in accordance with the following rules, standards, and guidance:

- ANSI C63.10 - 2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024
- ANSI C63.4 - 2014 + C63.4a - 2017
- RSS-Gen Issue 5
- RSS-248 Issue 3
- FCC 47 CFR Part 2
- FCC 47 CFR Part 15
- KDB 789033 D02 v02r01
- KDB 987594 D01 v03r01
- KDB 987594 D02 v03
- KDB 662911 D01 v02r01

2.4. NGTL Test Site Location

All measurement operations were conducted at the NGTL testing facility.

- Location: 52-7, Choha-ro, Mohyeon-eup, Cheoin-gu, Yongin-si, Gyeonggi-do, Republic of Korea.
- Site Compliance: The measurement environments strictly adhere to the site validation requirements specified in ANSI C63.4-2014+C63.a-2017 and FCC KDB 414788 D01.
- Accreditations: Fully accredited to ISO/IEC 17025 and designated by the National Radio Research Agency (RRA) as a Conformity Assessment Body (CAB) under the MRAs, maintaining official testing recognition from the FCC and ISED.

FCC Designation Number	FCC Test Firm Registration Number
KR0179	985720
ISED CAB identifier	ISED Company Number
KR0179	35746

3. Description of Tests

In accordance with KDB 987594 D01 U-NII 6GHz General Requirements v03r01, the DUT is classified as the following equipment class:

- 6CD : 15E 6 GHz Dual client. U-NII bands 5 - 8 are under the control of a low-power indoor access point and U-NII bands 5 & 7 are under the control of a standard power access point.
- 6VL : 15E 6 GHz VLP device operating in U-NII bands 5-8.

Testing of the DUT was conducted in accordance with the methodologies outlined in ANSI C63.10-2020 and KDB 987594 D02 U-NII 6 GHz EMC Measurement v03. For details regarding the test configuration, refer to the following sections:

- Antenna Port Conducted Test : Sections 5.1
- Radiated Emissions Test : Sections 6.1
- AC Line Conducted Test : Sections 7.1
- All tests were conducted under the environmental conditions specified below

Ambient Temperature : 22 - 26°C

Relative Humidity : 41 – 49 % RH

- Data Referencing is applied only for the following tests:

Test Condition	Test Item	Data Referencing [Applied / Full]	Referred Data and Spot-Checks
Conducted	Maximum e.i.r.p	Applied	Section 12
	Maximum Power Spectral Density e.i.r.p	Applied	Section 12
	26dB Bandwidth	Applied	Section 12
	Contention-based protocol	Applied	Section 12
Radiated	Radiated Spurious Emissions	Applied	Section 12
	Radiated Band Edge	Applied	Section 12

4. Reference Test Results

4.1. Duty Cycle

4.1.1. Test Method

The measurement was performed using the zero-span mode of the spectrum analyzer in accordance with ANSI C63.10-2020.

4.1.2. Test Results

Table 4-1 OFDM MIMO Operation Duty Cycle

Mode	On Time [ms]	Period [ms]	Duty Cycle [%]	DCCF [dB]
802.11 a	2.828	2.927	96.62	0.15
802.11 HE20	5.452	5.472	99.63	N/A
802.11 HE40	5.452	5.471	99.65	N/A
802.11 HE80	5.451	5.471	99.63	N/A
802.11 HE160	5.452	5.471	99.65	N/A

Table 4-2 OFDMA MIMO Operation Duty Cycle

Mode [Tone]	On Time [ms]	Period [ms]	Duty Cycle [%]	DCCF [dB]
HE20 26T	2.596	2.615	99.27	N/A
HE20 52T	2.591	2.611	99.23	N/A
HE20 106T	2.435	2.454	99.23	N/A
HE20 242T	2.356	2.375	99.20	N/A
HE40 484T	1.224	1.242	98.55	N/A
HE80 996T	0.632	0.650	97.32	0.12
HE160 996T*2	5.452	5.470	99.67	N/A

Note: Duty cycle evaluation was performed in zero-span mode using a spectrum analyzer. The center frequency was set to the operating frequency of the transmission, with $RBW \geq 20$ MHz, $VBW \geq 50$ MHz, and the detector set to Peak. The selected measurement parameters satisfied the requirement that both RBW and VBW exceed $50/T$, and the sweep configuration provided more than 100 points across the transmission duration.

5. Conducted Test Results

5.1. Test Configuration

All operating modes, channels, and data rates across the U-NII bands were investigated; the results documented herein represent the worst-case emissions. Since the SISO in MIMO output power is identical to the SISO power, all tests were conducted in MIMO. Preliminary test results confirm that this configuration effectively covers all SISO test conditions.

In terms of bandwidth, testing was performed on OFDM and OFDMA Full Tone, which represent the widest bandwidth per frequency band. For Partial Tone, testing was conducted on the 802.11ax HE20 RU 26T, 52T, 106T configurations, as these represent the narrowest bandwidths and highest power density.

All spectrum analyzer plots incorporate pre-loaded correction factors to compensate for external path losses (cables, couplers, splitters and attenuators) across the measured frequency range.

Conducted emissions were captured using automated test software 'NGTL ATE' Ver. 0.00.

5.2. Conducted Measurement Setup

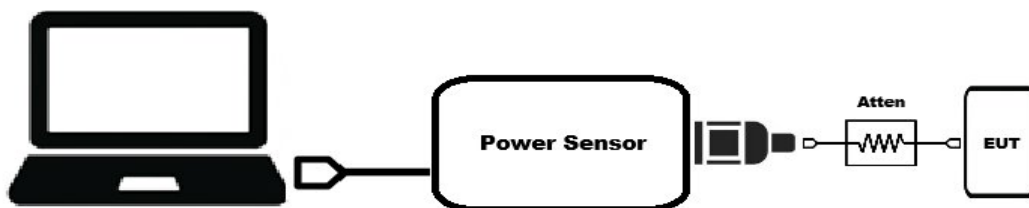


Figure 5-1 Conducted Power Measurement Setup

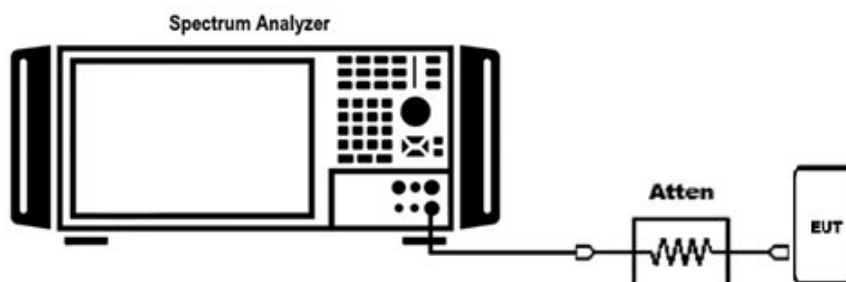


Figure 5-2 Conducted Measurement Setup

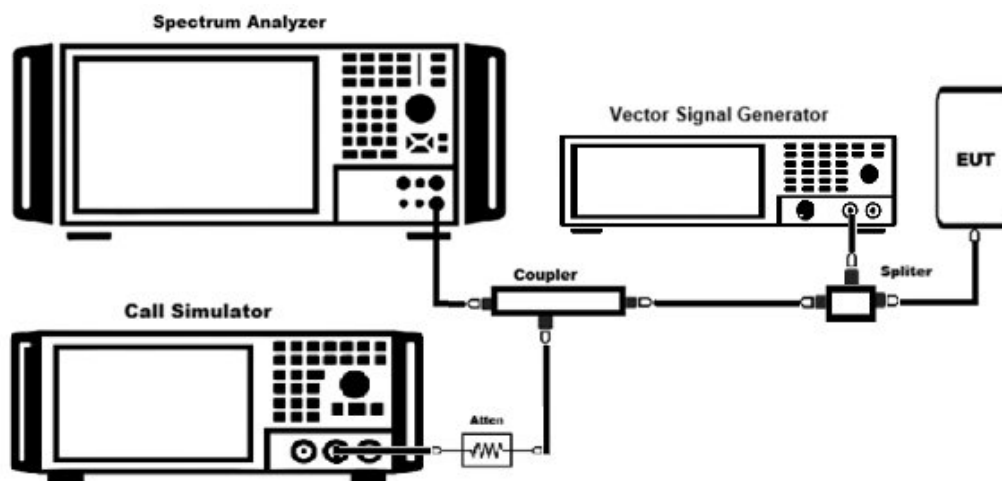


Figure 5-3 Contention-based protocol Measurement setup

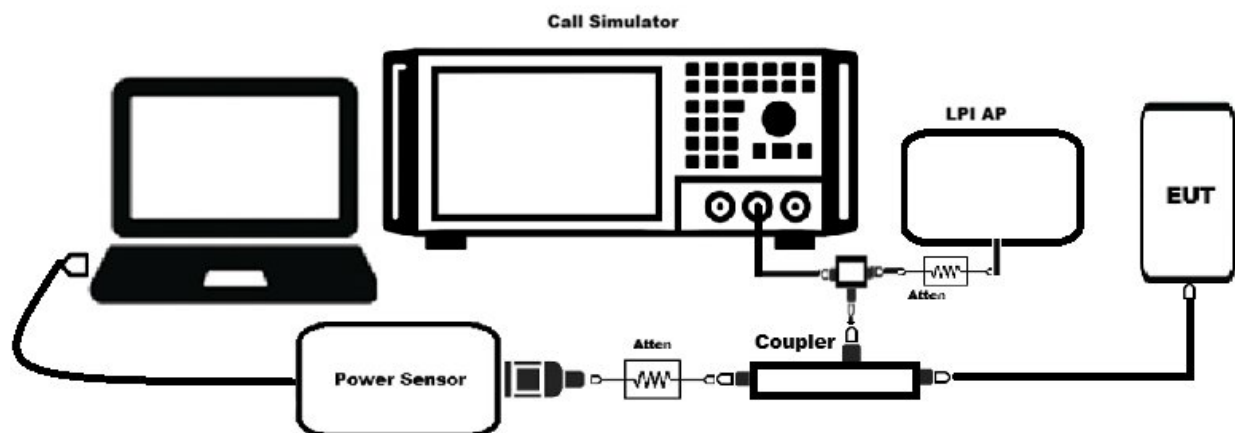


Figure 5-4 Dual client Power Adjustment Verification setup

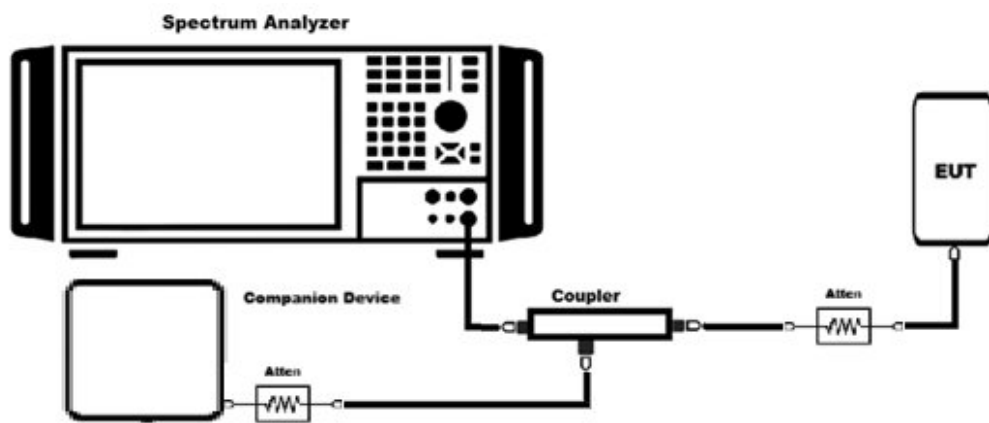


Figure 5-5 Transmit Power Control setup

5.3. Conducted Measurement Sample

Serial Number(s) : ZDH0498M, ZDH0475M, ZEJ0881M

5.4. The Maximum Output Power and e.i.r.p

5.4.1. Regulatory Limit

Part. 15.407(a)

(7) For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925-6.425 GHz and 6.525-6.875 GHz bands, 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.

(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.

(9) For very low power devices operating in the 5.925-7.125 GHz band, 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.

RSS-248 Section 4.5

4.5.3 Power limits for low-power client devices

Both of the following limits shall apply to low-power client devices:

- a) the maximum e.i.r.p. spectral density shall not exceed -1 dBm/MHz
- b) the maximum e.i.r.p. over the 5925-7125 MHz frequency band shall not exceed 24 dBm

4.5.5 Power limits for standard client devices

All of the following limits shall apply to standard client devices:

- a) the maximum e.i.r.p. spectral density shall not exceed 17 dBm/MHz
- b) the maximum e.i.r.p. over the 5925-6875 MHz frequency band shall not exceed 30 dBm

4.5.6 Power limits for very low-power devices

Both of the following limits shall apply to very low-power devices:

- a) the maximum e.i.r.p. spectral density shall not exceed -5 dBm/MHz
- b) the maximum e.i.r.p. shall not exceed 14 dBm

5.4.2. Test Method

ANSI C63.10-2020, clause 12.4.3.2 Method PM-G

5.4.3. Test Procedure

- Connect the DUT to a wideband gated RF power meter.
- Apply an offset to the power meter to compensate for the insertion losses of the cables and attenuators connected between the DUT and the power sensor.
- Configure the DUT to transmit at its maximum power control level.
- Adjust the gate parameters on the power meter to ensure that the power is measured strictly during the active transmission of the DUT.

5.4.4. Sample Calculation

$$\text{MIMO } P_T = P_T(\text{Ant1}) + P_T(\text{Ant2})$$

$$= 7.27 \text{ dBm} + 6.51 \text{ dBm} = 5.33 \text{ mW} + 4.48 \text{ mW} = 9.81 \text{ mW}$$

$$= 10 \log(9.87 \text{ mW}) = 9.92 \text{ dBm}$$

$$\text{Correlated Directional Gain} = 10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{\text{ANT}}] \text{ dBi}$$

$$= 10 \log[(10^{-7.09/20} + 10^{-7.39/20})^2 / 2] \text{ dBi} = -4.23 \text{ dBi}$$

$$\text{ERP or EIRP} = P_{\text{Cond}} + G_{\text{EUT}} = 9.92 \text{ dBm} + (-4.23 \text{ dBi}) = 5.69 \text{ dBm}$$

P_{Cond} is the measured power at feedpoint of the EUT antenna, in dBm

G_{EUT} is the gain of the EUT radiating element(antenna), in dBi. (in dBd ERP)

Test Note

- ✓ The output power was measured during the transmitter ON time at the maximum power control level using a gated RF power meter. No duty cycle correction factor was applied.

5.4.5. Test Results

Table 5-1 OFDM MIMO Maximum Output Power e.i.r.p - SP

Mode	Band	freq. [MHz]	CH. [MHz]	Average Power [dBm]			Ant Gain [dBi]	e.i.r.p [dBm]	Limit [dBm]	Margin [dB]
				Ant1	Ant2	MIMO				
802.11a	UNII-5	5935	2	7.27	6.51	9.92	-4.23	5.69	30.00	-24.31
		5955	1	16.88	16.18	19.55	-4.23	15.32	30.00	-14.68
		6175	45	16.97	16.33	19.67	-4.23	15.44	30.00	-14.56
		6415	93	16.83	16.22	19.55	-4.23	15.32	30.00	-14.68
	UNII-7	6535	117	16.77	16.19	19.50	-4.32	15.18	30.00	-14.82
		6695	149	16.76	16.71	19.75	-4.32	15.43	30.00	-14.57
		6855	181	17.06	16.38	19.74	-4.32	15.42	30.00	-14.58
802.11ax (HE20)	UNII-5	5935	2	3.76	3.28	6.54	-4.23	2.31	30.00	-27.69
		5955	1	17.11	16.71	19.92	-4.23	15.69	30.00	-14.31
		6175	45	17.08	16.58	19.85	-4.23	15.62	30.00	-14.38
		6415	93	17.12	16.56	19.86	-4.23	15.63	30.00	-14.37
	UNII-7	6535	117	17.18	16.44	19.84	-4.32	15.52	30.00	-14.48
		6695	149	16.62	16.51	19.58	-4.32	15.26	30.00	-14.74
		6855	181	17.06	16.18	19.65	-4.32	15.33	30.00	-14.67
802.11ax (HE40)	UNII-5	5965	3	16.92	16.46	19.71	-4.23	15.48	30.00	-14.52
		6165	43	16.82	16.59	19.72	-4.23	15.49	30.00	-14.51
		6405	91	17.16	16.39	19.80	-4.23	15.57	30.00	-14.43
	UNII-7	6565	123	16.88	16.40	19.66	-4.32	15.34	30.00	-14.66
		6725	155	16.56	16.44	19.51	-4.32	15.19	30.00	-14.81
		6845	179	17.19	16.58	19.91	-4.32	15.59	30.00	-14.41
802.11ax (HE80)	UNII-5	5985	7	17.23	16.44	19.86	-4.23	15.63	30.00	-14.37
		6145	39	17.26	16.52	19.92	-4.23	15.69	30.00	-14.31
		6385	87	17.38	16.43	19.94	-4.23	15.71	30.00	-14.29
	UNII-7	6625	135	16.89	16.44	19.68	-4.32	15.36	30.00	-14.64
		6705	151	16.62	16.41	19.53	-4.32	15.21	30.00	-14.79
		6785	167	16.56	16.29	19.44	-4.32	15.12	30.00	-14.88
802.11ax (HE160)	UNII-5	6025	15	17.03	16.43	19.75	-4.23	15.52	30.00	-14.48
		6185	47	16.81	16.39	19.62	-4.23	15.39	30.00	-14.61
		6345	79	17.04	16.10	19.61	-4.23	15.38	30.00	-14.62
	UNII-7	6665	143	16.93	16.58	19.77	-4.32	15.45	30.00	-14.55

Table 5-2 OFDM MIMO Maximum Output Power e.i.r.p - LPI

Mode	Band	freq. [MHz]	CH. [MHz]	Average Power [dBm]			Ant Gain [dBi]	e.i.r.p [dBm]	Limit [dBm]	Margin [dB]
				Ant1	Ant2	MIMO				
802.11a	UNII-5	5935	2	7.30	6.56	9.96	-4.23	5.73	24.00	-18.27
		5955	1	11.57	11.22	14.41	-4.23	10.18	24.00	-13.82
		6175	45	11.79	11.41	14.61	-4.23	10.38	24.00	-13.62
		6415	93	11.62	11.13	14.39	-4.23	10.16	24.00	-13.84
	UNII-6	6435	97	11.48	11.39	14.45	-4.42	10.03	24.00	-13.97
		6475	105	11.11	10.97	14.05	-4.42	9.63	24.00	-14.37
		6515	113	11.22	10.78	14.02	-4.42	9.60	24.00	-14.40
		6535	117	11.26	10.84	14.07	-4.32	9.75	24.00	-14.25
	UNII-7	6695	149	10.93	11.34	14.15	-4.32	9.83	24.00	-14.17
		6855	181	10.99	11.18	14.10	-4.32	9.78	24.00	-14.22
		6875	185	11.36	10.61	14.01	-4.57	9.44	24.00	-14.56
		6995	209	11.39	10.65	14.05	-4.57	9.48	24.00	-14.52
802.11ax (HE20)	UNII-5	7115	233	9.67	9.79	12.74	-4.57	8.17	24.00	-15.83
		5935	2	3.75	3.25	6.52	-4.23	2.29	24.00	-21.71
		5955	1	12.07	12.15	15.12	-4.23	10.89	24.00	-13.11
		6175	45	12.32	12.19	15.27	-4.23	11.04	24.00	-12.96
	UNII-6	6415	93	12.37	12.01	15.20	-4.23	10.97	24.00	-13.03
		6435	97	12.48	11.98	15.25	-4.42	10.83	24.00	-13.17
		6475	105	12.34	12.27	15.32	-4.42	10.90	24.00	-13.10
		6515	113	12.51	12.12	15.33	-4.42	10.91	24.00	-13.09
	UNII-7	6535	117	12.48	12.03	15.27	-4.32	10.95	24.00	-13.05
		6695	149	11.96	12.11	15.05	-4.32	10.73	24.00	-13.27
		6855	181	12.27	12.09	15.19	-4.32	10.87	24.00	-13.13
		6875	185	12.39	11.60	15.02	-4.57	10.45	24.00	-13.55
	UNII-8	6995	209	12.32	11.73	15.05	-4.57	10.48	24.00	-13.52
		7115	233	10.85	10.97	13.92	-4.57	9.35	24.00	-14.65
802.11ax (HE40)	UNII-5	5965	3	12.77	12.37	15.58	-4.23	11.35	24.00	-12.65
		6165	43	12.75	12.54	15.66	-4.23	11.43	24.00	-12.57
		6405	91	12.91	12.39	15.67	-4.23	11.44	24.00	-12.56
		6445	99	12.89	12.43	15.68	-4.42	11.26	24.00	-12.74
	UNII-6	6485	107	12.73	12.63	15.69	-4.42	11.27	24.00	-12.73
		6525	115	12.87	12.50	15.70	-4.42	11.28	24.00	-12.72
		6565	123	12.63	12.47	15.56	-4.32	11.24	24.00	-12.76
		6725	155	12.45	12.58	15.53	-4.32	11.21	24.00	-12.79
	UNII-7	6845	179	12.55	12.29	15.43	-4.32	11.11	24.00	-12.89
		6885	187	12.77	11.94	15.39	-4.57	10.82	24.00	-13.18
		7005	211	12.68	12.04	15.38	-4.57	10.81	24.00	-13.19
		7085	227	12.87	12.13	15.53	-4.57	10.96	24.00	-13.04
802.11ax (HE80)	UNII-5	5985	7	13.01	12.42	15.74	-4.23	11.51	24.00	-12.49
		6145	39	12.93	12.68	15.82	-4.23	11.59	24.00	-12.41
		6385	87	13.03	12.52	15.79	-4.23	11.56	24.00	-12.44
		6465	103	13.01	12.63	15.83	-4.42	11.41	24.00	-12.59
	UNII-6	6545	119	12.96	12.76	15.87	-4.42	11.45	24.00	-12.55
		6625	135	12.84	12.79	15.83	-4.32	11.51	24.00	-12.49
		6705	151	12.60	12.67	15.65	-4.32	11.33	24.00	-12.67
		6785	167	12.77	12.48	15.64	-4.32	11.32	24.00	-12.68
	UNII-7	6865	183	13.06	12.28	15.70	-4.57	11.13	24.00	-12.87
		6945	199	12.84	12.45	15.66	-4.57	11.09	24.00	-12.91
		7025	215	12.95	12.44	15.71	-4.57	11.14	24.00	-12.86
802.11ax (HE160)	UNII-5	6025	15	12.89	12.62	15.77	-4.23	11.54	24.00	-12.46
		6185	47	12.74	12.56	15.66	-4.23	11.43	24.00	-12.57
		6345	79	12.93	12.33	15.65	-4.23	11.42	24.00	-12.58
	UNII-6	6505	111	12.94	12.59	15.78	-4.42	11.36	24.00	-12.64
	UNII-7	6665	143	12.38	12.56	15.48	-4.32	11.16	24.00	-12.84
	UNII-8	6825	175	12.64	12.21	15.44	-4.57	10.87	24.00	-13.13
		6985	207	12.64	12.32	15.49	-4.57	10.92	24.00	-13.08

Table 5-3 OFDM MIMO Maximum Output Power e.i.r.p - VLP

Mode	Band	freq. [MHz]	CH. [MHz]	Average Power [dBm]			Ant Gain [dBi]	e.i.r.p [dBm]	Limit [dBm]	Margin [dB]
				Ant1	Ant2	MIMO				
802.11a	UNII-5	5935	2	6.07	5.50	8.80	-4.23	4.57	14.00	-9.43
		5955	1	5.84	5.79	8.83	-4.23	4.60	14.00	-9.40
		6175	45	5.45	5.49	8.48	-4.23	4.25	14.00	-9.75
		6415	93	6.28	5.43	8.89	-4.23	4.66	14.00	-9.34
	UNII-6	6435	97	5.50	5.21	8.37	-4.42	3.95	14.00	-10.05
		6475	105	5.28	5.41	8.36	-4.42	3.94	14.00	-10.06
		6515	113	5.38	5.26	8.33	-4.42	3.91	14.00	-10.09
		6535	117	5.35	5.28	8.33	-4.32	4.01	14.00	-9.99
	UNII-7	6695	149	5.76	5.84	8.81	-4.32	4.49	14.00	-9.51
		6855	181	5.84	5.94	8.90	-4.32	4.58	14.00	-9.42
	UNII-8	6875	185	6.29	5.52	8.93	-4.57	4.36	14.00	-9.64
		6995	209	6.10	5.53	8.83	-4.57	4.26	14.00	-9.74
		7115	233	5.89	5.62	8.77	-4.57	4.20	14.00	-9.80
802.11ax (HE20)	UNII-5	5935	2	3.77	3.26	6.53	-4.23	2.30	14.00	-11.70
		5955	1	5.51	5.58	8.56	-4.23	4.33	14.00	-9.67
		6175	45	5.48	5.71	8.61	-4.23	4.38	14.00	-9.62
		6415	93	5.61	5.47	8.55	-4.23	4.32	14.00	-9.68
	UNII-6	6435	97	5.75	5.45	8.61	-4.42	4.19	14.00	-9.81
		6475	105	5.53	5.69	8.62	-4.42	4.20	14.00	-9.80
		6515	113	5.74	5.54	8.65	-4.42	4.23	14.00	-9.77
	UNII-7	6535	117	5.65	5.42	8.55	-4.32	4.23	14.00	-9.77
		6695	149	5.33	5.54	8.45	-4.32	4.13	14.00	-9.87
		6855	181	5.49	5.58	8.55	-4.32	4.23	14.00	-9.77
	UNII-8	6875	185	5.88	5.42	8.67	-4.57	4.10	14.00	-9.90
		6995	209	6.14	5.37	8.78	-4.57	4.21	14.00	-9.79
		7115	233	5.67	5.28	8.49	-4.57	3.92	14.00	-10.08
802.11ax (HE40)	UNII-5	5965	3	5.87	5.64	8.77	-4.23	4.54	14.00	-9.46
		6165	43	5.34	5.67	8.52	-4.23	4.29	14.00	-9.71
		6405	91	5.74	5.38	8.57	-4.23	4.34	14.00	-9.66
	UNII-6	6445	99	5.69	5.45	8.58	-4.42	4.16	14.00	-9.84
		6485	107	5.53	5.61	8.58	-4.42	4.16	14.00	-9.84
		6525	115	5.54	5.53	8.55	-4.42	4.13	14.00	-9.87
	UNII-7	6565	123	5.49	5.63	8.57	-4.32	4.25	14.00	-9.75
		6725	155	5.37	5.72	8.56	-4.32	4.24	14.00	-9.76
		6845	179	5.84	5.53	8.70	-4.32	4.38	14.00	-9.62
	UNII-8	6885	187	5.68	5.47	8.59	-4.57	4.02	14.00	-9.98
		7005	211	6.08	5.60	8.86	-4.57	4.29	14.00	-9.71
		7085	227	6.15	5.36	8.78	-4.57	4.21	14.00	-9.79
802.11ax (HE80)	UNII-5	5985	7	6.34	5.57	8.98	-4.23	4.75	14.00	-9.25
		6145	39	5.82	5.86	8.85	-4.23	4.62	14.00	-9.38
		6385	87	6.06	5.74	8.91	-4.23	4.68	14.00	-9.32
	UNII-6	6465	103	5.93	5.90	8.93	-4.42	4.51	14.00	-9.49
		6545	119	5.89	5.82	8.87	-4.42	4.45	14.00	-9.55
	UNII-7	6625	135	5.77	5.81	8.80	-4.32	4.48	14.00	-9.52
		6705	151	5.64	5.95	8.81	-4.32	4.49	14.00	-9.51
		6785	167	5.49	5.67	8.59	-4.32	4.27	14.00	-9.73
	UNII-8	6865	183	5.59	5.32	8.47	-4.57	3.90	14.00	-10.10
		6945	199	6.05	5.77	8.92	-4.57	4.35	14.00	-9.65
		7025	215	5.91	5.53	8.73	-4.57	4.16	14.00	-9.84
802.11ax (HE160)	UNII-5	6025	15	5.68	5.49	8.60	-4.23	4.37	14.00	-9.63
		6185	47	5.66	5.88	8.78	-4.23	4.55	14.00	-9.45
		6345	79	6.01	5.62	8.83	-4.23	4.60	14.00	-9.40
	UNII-6	6505	111	5.80	5.87	8.85	-4.42	4.43	14.00	-9.57
	UNII-7	6665	143	5.49	5.86	8.69	-4.32	4.37	14.00	-9.63
	UNII-8	6825	175	6.13	5.72	8.94	-4.57	4.37	14.00	-9.63
		6985	207	5.56	5.59	8.59	-4.57	4.02	14.00	-9.98

Table 5-4 OFDMA MIMO Partial 26Tone Maximum Output Power e.i.r.p - SP

Mode	Band	freq. [MHz]	CH. [MHz]	Tone	Index	Average Power [dBm]			Ant Gain [dBi]	e.i.r.p [dBm]	Limit [dBm]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	26T	0	-5.89	-4.90	-2.36	-4.23	-6.59	30.00	-36.59
					4	-5.91	-5.21	-2.54	-4.23	-6.77	30.00	-36.77
					8	-5.32	-4.93	-2.11	-4.23	-6.34	30.00	-36.34
		5955	1	26T	0	8.14	7.81	10.99	-4.23	6.76	30.00	-23.24
					4	7.94	7.61	10.79	-4.23	6.56	30.00	-23.44
					8	8.04	7.88	10.97	-4.23	6.74	30.00	-23.26
		6175	45	26T	0	7.61	7.72	10.68	-4.23	6.45	30.00	-23.55
					4	7.75	7.34	10.56	-4.23	6.33	30.00	-23.67
					8	8.05	7.55	10.82	-4.23	6.59	30.00	-23.41
		6415	93	26T	0	8.09	7.27	10.71	-4.23	6.48	30.00	-23.52
					4	7.73	6.85	10.32	-4.23	6.09	30.00	-23.91
					8	7.94	7.03	10.52	-4.23	6.29	30.00	-23.71
	UNII-7	6535	117	26T	0	8.33	7.56	10.97	-4.32	6.65	30.00	-23.35
					4	7.75	7.26	10.52	-4.32	6.20	30.00	-23.80
					8	8.07	7.53	10.82	-4.32	6.50	30.00	-23.50
		6695	149	26T	0	7.74	7.84	10.80	-4.32	6.48	30.00	-23.52
					4	7.45	7.33	10.40	-4.32	6.08	30.00	-23.92
					8	7.57	7.62	10.61	-4.32	6.29	30.00	-23.71
		6855	181	26T	0	7.94	7.58	10.77	-4.32	6.45	30.00	-23.55
					4	7.62	7.12	10.39	-4.32	6.07	30.00	-23.93
					8	7.87	7.18	10.55	-4.32	6.23	30.00	-23.77

Table 5-5 OFDMA MIMO Partial 52Tone Maximum Output Power e.i.r.p - SP

Mode	Band	freq. [MHz]	CH. [MHz]	Tone	Index	Average Power [dBm]			Ant Gain [dBi]	e.i.r.p [dBm]	Limit [dBm]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	52T	37	-3.60	-3.02	-0.29	-4.23	-4.52	30.00	-34.52
					38	-3.89	-3.04	-0.43	-4.23	-4.66	30.00	-34.66
					40	-3.64	-2.71	-0.14	-4.23	-4.37	30.00	-34.37
		5955	1	52T	37	10.85	10.51	13.69	-4.23	9.46	30.00	-20.54
					38	10.74	10.48	13.62	-4.23	9.39	30.00	-20.61
					40	11.05	10.89	13.98	-4.23	9.75	30.00	-20.25
		6175	45	52T	37	10.87	10.48	13.69	-4.23	9.46	30.00	-20.54
					38	10.64	10.31	13.49	-4.23	9.26	30.00	-20.74
					40	10.94	10.37	13.67	-4.23	9.44	30.00	-20.56
		6415	93	52T	37	11.11	10.51	13.83	-4.23	9.60	30.00	-20.40
					38	10.91	10.15	13.56	-4.23	9.33	30.00	-20.67
					40	10.94	10.11	13.56	-4.23	9.33	30.00	-20.67
	UNII-7	6535	117	52T	37	11.36	10.35	13.89	-4.32	9.57	30.00	-20.43
					38	11.03	10.17	13.63	-4.32	9.31	30.00	-20.69
					40	10.38	10.32	13.36	-4.32	9.04	30.00	-20.96
		6695	149	52T	37	10.53	10.71	13.63	-4.32	9.31	30.00	-20.69
					38	10.37	10.55	13.47	-4.32	9.15	30.00	-20.85
					40	10.33	10.64	13.50	-4.32	9.18	30.00	-20.82
		6855	181	52T	37	10.92	10.51	13.73	-4.32	9.41	30.00	-20.59
					38	10.63	10.27	13.46	-4.32	9.14	30.00	-20.86
					40	10.84	10.42	13.65	-4.32	9.33	30.00	-20.67

Table 5-6 OFDMA MIMO 106 Partial Tone Maximum Output Power e.i.r.p - SP

Mode	Band	freq. [MHz]	CH. [MHz]	Tone	Index	Average Power [dBm]			Ant Gain [dBi]	e.i.r.p [dBm]	Limit [dBm]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	106T	53	0.22	1.06	3.67	-4.23	-0.56	30.00	-30.56
					54	0.38	1.17	3.80	-4.23	-0.43	30.00	-30.43
		5955	1	106T	53	13.89	13.51	16.71	-4.23	12.48	30.00	-17.52
					54	14.04	13.67	16.87	-4.23	12.64	30.00	-17.36
		6175	45	106T	53	13.72	13.48	16.61	-4.23	12.38	30.00	-17.62
					54	14.01	13.45	16.75	-4.23	12.52	30.00	-17.48
	UNII-7	6415	93	106T	53	13.91	13.41	16.68	-4.23	12.45	30.00	-17.55
					54	13.88	13.25	16.59	-4.23	12.36	30.00	-17.64
		6535	117	106T	53	13.94	13.46	16.72	-4.32	12.40	30.00	-17.60
					54	13.77	13.49	16.64	-4.32	12.32	30.00	-17.68
		6695	149	106T	53	13.56	13.43	16.51	-4.32	12.19	30.00	-17.81
					54	13.43	13.45	16.45	-4.32	12.13	30.00	-17.87
		6855	181	106T	53	13.81	13.49	16.66	-4.32	12.34	30.00	-17.66
					54	14.07	13.23	16.68	-4.32	12.36	30.00	-17.64

Table 5-7 OFDMA MIMO Full Tone Maximum Output Power e.i.r.p - SP

Mode	Band	freq. [MHz]	CH. [MHz]	Tone	Index	Average Power [dBm]			Ant Gain [dBi]	e.i.r.p [dBm]	Limit [dBm]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	242T	61	2.97	2.52	5.76	-4.23	1.53	30.00	-28.47
		5955	1		61	16.76	16.35	19.57	-4.23	15.34	30.00	-14.66
		6175	45		61	16.72	16.26	19.51	-4.23	15.28	30.00	-14.72
		6415	93		61	16.92	16.24	19.60	-4.23	15.37	30.00	-14.63
	UNII-7	6535	117	242T	61	16.89	16.27	19.60	-4.32	15.28	30.00	-14.72
		6695	149		61	16.51	16.32	19.43	-4.32	15.11	30.00	-14.89
		6855	181		61	16.69	16.05	19.39	-4.32	15.07	30.00	-14.93
802.11ax (HE40)	UNII-5	5965	3	484T	65	17.14	16.71	19.94	-4.23	15.71	30.00	-14.29
		6165	43		65	16.67	16.18	19.44	-4.23	15.21	30.00	-14.79
		6405	91		65	16.81	16.19	19.52	-4.23	15.29	30.00	-14.71
	UNII-7	6565	123	484T	65	17.11	16.65	19.90	-4.32	15.58	30.00	-14.42
		6725	155		65	16.84	16.73	19.80	-4.32	15.48	30.00	-14.52
		6845	179		65	17.03	16.45	19.76	-4.32	15.44	30.00	-14.56
802.11ax (HE80)	UNII-5	5985	7	996T	67	17.26	16.47	19.89	-4.23	15.66	30.00	-14.34
		6145	39		67	17.13	16.49	19.83	-4.23	15.60	30.00	-14.40
		6385	87		67	16.90	16.02	19.49	-4.23	15.26	30.00	-14.74
	UNII-7	6625	135	996T	67	17.18	16.74	19.98	-4.32	15.66	30.00	-14.34
		6705	151		67	16.78	16.53	19.67	-4.32	15.35	30.00	-14.65
		6785	167		67	16.68	16.48	19.59	-4.32	15.27	30.00	-14.73
802.11ax (HE160)	UNII-5	6025	15	996T*2	68	16.98	16.42	19.72	-4.23	15.49	30.00	-14.51
		6185	47		68	16.81	16.28	19.56	-4.23	15.33	30.00	-14.67
		6345	79		68	16.96	16.05	19.54	-4.23	15.31	30.00	-14.69
	UNII-7	6665	143	996T*2	68	16.89	16.55	19.73	-4.32	15.41	30.00	-14.59

Table 5-8 OFDMA MIMO Partial 26Tone Maximum Output Power e.i.r.p - LPI

Mode	Band	freq. [MHz]	CH. [MHz]	Tone	Index	Average Power [dBm]			Ant Gain [dBi]	e.i.r.p [dBm]	Limit [dBm]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	26T	0	-5.56	-5.02	-2.27	-4.23	-6.50	24.00	-30.50
					4	-5.87	-5.17	-2.50	-4.23	-6.73	24.00	-30.73
					8	-5.61	-4.71	-2.13	-4.23	-6.36	24.00	-30.36
		5955	1	26T	0	1.43	1.74	4.60	-4.23	0.37	24.00	-23.63
					4	1.97	1.89	4.94	-4.23	0.71	24.00	-23.29
					8	1.64	1.84	4.75	-4.23	0.52	24.00	-23.48
		6175	45	26T	0	1.50	1.48	4.50	-4.23	0.27	24.00	-23.73
					4	2.13	1.73	4.94	-4.23	0.71	24.00	-23.29
					8	1.75	1.44	4.61	-4.23	0.38	24.00	-23.62
		6415	93	26T	0	1.96	1.43	4.71	-4.23	0.48	24.00	-23.52
					4	1.94	1.54	4.75	-4.23	0.52	24.00	-23.48
					8	1.72	1.15	4.45	-4.23	0.22	24.00	-23.78
	UNII-6	6435	97	26T	0	2.15	1.46	4.83	-4.42	0.41	24.00	-23.59
					4	1.75	1.16	4.48	-4.42	0.06	24.00	-23.94
					8	2.06	1.34	4.73	-4.42	0.31	24.00	-23.69
		6475	105	26T	0	2.06	1.52	4.81	-4.42	0.39	24.00	-23.61
					4	1.64	1.28	4.47	-4.42	0.05	24.00	-23.95
					8	1.76	1.57	4.68	-4.42	0.26	24.00	-23.74
		6515	113	26T	0	2.12	1.53	4.85	-4.42	0.43	24.00	-23.57
					4	1.74	1.17	4.47	-4.42	0.05	24.00	-23.95
					8	1.98	1.31	4.67	-4.42	0.25	24.00	-23.75
		6535	117	26T	0	2.03	1.46	4.76	-4.32	0.44	24.00	-23.56
					4	1.72	1.13	4.45	-4.32	0.13	24.00	-23.87
					8	1.64	1.43	4.55	-4.32	0.23	24.00	-23.77
	UNII-7	6695	149	26T	0	1.25	1.85	4.57	-4.32	0.25	24.00	-23.75
					4	1.39	1.73	4.57	-4.32	0.25	24.00	-23.75
					8	1.42	1.76	4.60	-4.32	0.28	24.00	-23.72
		6855	181	26T	0	1.37	1.51	4.45	-4.32	0.13	24.00	-23.87
					4	1.48	1.67	4.59	-4.32	0.27	24.00	-23.73
					8	1.44	1.29	4.38	-4.32	0.06	24.00	-23.94
		6875	185	26T	0	1.94	1.56	4.76	-4.57	0.19	24.00	-23.81
					4	1.92	1.39	4.67	-4.57	0.10	24.00	-23.90
					8	1.93	1.24	4.61	-4.57	0.04	24.00	-23.96
	UNII-8	6995	209	26T	0	2.18	1.63	4.92	-4.57	0.35	24.00	-23.65
					4	1.75	1.26	4.52	-4.57	-0.05	24.00	-24.05
					8	1.71	1.69	4.71	-4.57	0.14	24.00	-23.86
		7115	233	26T	0	-0.31	1.29	3.57	-4.57	-1.00	24.00	-25.00
					4	-0.69	1.44	3.51	-4.57	-1.06	24.00	-25.06
					8	-0.58	2.06	3.95	-4.57	-0.62	24.00	-24.62

Table 5-9 OFDMA MIMO Partial 52Tone Maximum Output Power e.i.r.p – LPI

Mode	Band	freq. [MHz]	CH. [MHz]	Tone	Index	Average Power [dBm]			Ant Gain [dBi]	e.i.r.p [dBm]	Limit [dBm]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	52T	37	-3.56	-3.03	-0.28	-4.23	-4.51	24.00	-28.51
					38	-3.89	-3.05	-0.44	-4.23	-4.67	24.00	-28.67
					40	-3.65	-2.74	-0.16	-4.23	-4.39	24.00	-28.39
		5955	1	52T	37	4.64	4.61	7.64	-4.23	3.41	24.00	-20.59
					38	4.48	4.51	7.51	-4.23	3.28	24.00	-20.72
					40	4.57	4.67	7.63	-4.23	3.40	24.00	-20.60
		6175	45	52T	37	4.71	4.63	7.68	-4.23	3.45	24.00	-20.55
					38	4.54	4.53	7.55	-4.23	3.32	24.00	-20.68
					40	4.78	4.58	7.69	-4.23	3.46	24.00	-20.54
		6415	93	52T	37	4.91	4.88	7.91	-4.23	3.68	24.00	-20.32
					38	4.74	4.66	7.71	-4.23	3.48	24.00	-20.52
					40	4.72	4.65	7.70	-4.23	3.47	24.00	-20.53
	UNII-6	6435	97	52T	37	5.08	4.78	7.94	-4.42	3.52	24.00	-20.48
					38	4.98	4.62	7.81	-4.42	3.39	24.00	-20.61
					40	4.93	4.89	7.92	-4.42	3.50	24.00	-20.50
		6475	105	52T	37	4.87	5.02	7.96	-4.42	3.54	24.00	-20.46
					38	4.69	4.95	7.83	-4.42	3.41	24.00	-20.59
					40	4.65	5.12	7.90	-4.42	3.48	24.00	-20.52
		6515	113	52T	37	5.06	4.71	7.90	-4.42	3.48	24.00	-20.52
					38	4.93	4.59	7.77	-4.42	3.35	24.00	-20.65
					40	4.83	4.75	7.80	-4.42	3.38	24.00	-20.62
		6535	117	52T	37	5.05	4.75	7.91	-4.32	3.59	24.00	-20.41
					38	4.96	4.53	7.76	-4.32	3.44	24.00	-20.56
					40	4.93	4.65	7.80	-4.32	3.48	24.00	-20.52
	UNII-7	6695	149	52T	37	4.58	5.16	7.89	-4.32	3.57	24.00	-20.43
					38	4.51	4.92	7.73	-4.32	3.41	24.00	-20.59
					40	4.49	4.88	7.70	-4.32	3.38	24.00	-20.62
		6855	181	52T	37	4.53	4.61	7.58	-4.32	3.26	24.00	-20.74
					38	4.49	4.58	7.55	-4.32	3.23	24.00	-20.77
					40	4.74	4.81	7.79	-4.32	3.47	24.00	-20.53
		6875	185	52T	37	5.15	4.71	7.95	-4.57	3.38	24.00	-20.62
					38	5.03	4.48	7.77	-4.57	3.20	24.00	-20.80
					40	5.07	4.52	7.81	-4.57	3.24	24.00	-20.76
	UNII-8	6995	209	52T	37	4.93	4.62	7.79	-4.57	3.22	24.00	-20.78
					38	5.12	4.75	7.95	-4.57	3.38	24.00	-20.62
					40	4.91	4.76	7.85	-4.57	3.28	24.00	-20.72
		7115	233	52T	37	3.81	3.48	6.66	-4.57	2.09	24.00	-21.91
					38	3.54	3.48	6.52	-4.57	1.95	24.00	-22.05
					40	3.66	3.93	6.81	-4.57	2.24	24.00	-21.76

Table 5-10 OFDMA MIMO Partial 106Tone Maximum Output Power e.i.r.p - LPI

Mode	Band	freq. [MHz]	CH. [MHz]	Tone	Index	Average Power [dBm]			Ant Gain [dBi]	e.i.r.p [dBm]	Limit [dBm]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	106T	53	0.15	1.01	3.61	-4.23	-0.62	24.00	-24.62
					54	0.46	1.24	3.88	-4.23	-0.35	24.00	-24.35
		5955	1	106T	53	8.01	7.74	10.89	-4.23	6.66	24.00	-17.34
					54	7.89	7.67	10.79	-4.23	6.56	24.00	-17.44
		6175	45	106T	53	7.53	7.48	10.52	-4.23	6.29	24.00	-17.71
					54	7.78	7.39	10.60	-4.23	6.37	24.00	-17.63
		6415	93	106T	53	8.24	7.58	10.93	-4.23	6.70	24.00	-17.30
					54	8.23	7.45	10.87	-4.23	6.64	24.00	-17.36
	UNII-6	6435	97	106T	53	8.01	7.14	10.61	-4.42	6.19	24.00	-17.81
					54	7.95	7.11	10.56	-4.42	6.14	24.00	-17.86
		6475	105	106T	53	7.78	7.33	10.57	-4.42	6.15	24.00	-17.85
					54	7.90	7.35	10.64	-4.42	6.22	24.00	-17.78
		6515	113	106T	53	7.89	7.36	10.64	-4.42	6.22	24.00	-17.78
					54	7.76	7.31	10.55	-4.42	6.13	24.00	-17.87
	UNII-7	6535	117	106T	53	7.83	7.36	10.61	-4.32	6.29	24.00	-17.71
					54	7.63	7.32	10.49	-4.32	6.17	24.00	-17.83
		6695	149	106T	53	7.96	7.78	10.88	-4.32	6.56	24.00	-17.44
					54	7.82	7.75	10.80	-4.32	6.48	24.00	-17.52
		6855	181	106T	53	7.91	7.89	10.91	-4.32	6.59	24.00	-17.41
					54	7.77	7.48	10.64	-4.32	6.32	24.00	-17.68
	UNII-8	6875	185	106T	53	8.34	7.54	10.97	-4.57	6.40	24.00	-17.60
					54	8.37	7.43	10.94	-4.57	6.37	24.00	-17.63
		6995	209	106T	53	8.45	7.33	10.94	-4.57	6.37	24.00	-17.63
					54	8.19	7.42	10.83	-4.57	6.26	24.00	-17.74
		7115	233	106T	53	4.84	4.53	7.70	-4.57	3.13	24.00	-20.87
					54	4.68	4.91	7.81	-4.57	3.24	24.00	-20.76

Table 5-11 OFDMA MIMO Full Tone Maximum Output Power e.i.r.p - LPI

Mode	Band	freq. [MHz]	CH. [MHz]	Tone	Index	Average Power [dBm]			Ant Gain [dBi]	e.i.r.p [dBm]	Limit [dBm]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	242T	61	2.98	2.51	5.76	-4.23	1.53	24.00	-22.47
		5955	1		61	12.71	12.37	15.55	-4.23	11.32	24.00	-12.68
		6175	45		61	12.61	12.29	15.46	-4.23	11.23	24.00	-12.77
		6415	93		61	12.58	12.09	15.35	-4.23	11.12	24.00	-12.88
	UNII-6	6435	97	242T	61	12.76	12.11	15.46	-4.42	11.04	24.00	-12.96
		6475	105		61	12.65	12.25	15.46	-4.42	11.04	24.00	-12.96
		6515	113		61	12.74	12.16	15.47	-4.42	11.05	24.00	-12.95
	UNII-7	6535	117	242T	61	12.69	12.18	15.45	-4.32	11.13	24.00	-12.87
		6695	149		61	12.19	12.26	15.24	-4.32	10.92	24.00	-13.08
		6855	181		61	12.27	12.19	15.24	-4.32	10.92	24.00	-13.08
	UNII-8	6875	185	242T	61	12.61	11.79	15.23	-4.57	10.66	24.00	-13.34
		6995	209		61	12.49	11.77	15.16	-4.57	10.59	24.00	-13.41
		7115	233		61	9.72	9.81	12.78	-4.57	8.21	24.00	-15.79
802.11ax (HE40)	UNII-5	5965	3	484T	65	12.76	12.38	15.58	-4.23	11.35	24.00	-12.65
		6165	43		65	12.86	12.78	15.83	-4.23	11.60	24.00	-12.40
		6405	91		65	13.02	12.46	15.76	-4.23	11.53	24.00	-12.47
	UNII-6	6445	99	484T	65	12.98	12.62	15.81	-4.42	11.39	24.00	-12.61
		6485	107		65	12.87	12.72	15.81	-4.42	11.39	24.00	-12.61
		6525	115		65	13.03	12.59	15.83	-4.42	11.41	24.00	-12.59
	UNII-7	6565	123	484T	65	12.84	12.62	15.74	-4.32	11.42	24.00	-12.58
		6725	155		65	12.57	12.78	15.69	-4.32	11.37	24.00	-12.63
		6845	179		65	12.65	12.48	15.58	-4.32	11.26	24.00	-12.74
	UNII-8	6885	187	484T	65	12.86	12.15	15.53	-4.57	10.96	24.00	-13.04
		7005	211		65	12.83	12.32	15.59	-4.57	11.02	24.00	-12.98
		7085	227		65	13.02	12.38	15.72	-4.57	11.15	24.00	-12.85
802.11ax (HE80)	UNII-5	5985	7	996T	67	13.20	12.57	15.91	-4.23	11.68	24.00	-12.32
		6145	39		67	12.98	12.69	15.85	-4.23	11.62	24.00	-12.38
		6385	87		67	13.20	12.61	15.93	-4.23	11.70	24.00	-12.30
	UNII-6	6465	103	996T	67	12.87	12.46	15.68	-4.42	11.26	24.00	-12.74
		6545	119		67	13.11	12.79	15.96	-4.42	11.54	24.00	-12.46
		6625	135		67	12.89	12.44	15.68	-4.32	11.36	24.00	-12.64
	UNII-7	6705	151	996T	67	12.61	12.83	15.73	-4.32	11.41	24.00	-12.59
		6785	167		67	13.01	12.73	15.88	-4.32	11.56	24.00	-12.44
		6865	183		67	13.06	12.51	15.80	-4.57	11.23	24.00	-12.77
	UNII-8	6945	199	996T	67	12.92	12.52	15.73	-4.57	11.16	24.00	-12.84
		7025	215		67	13.08	12.58	15.85	-4.57	11.28	24.00	-12.72
		7105	231		67	13.08	12.58	15.85	-4.57	11.28	24.00	-12.72
802.11ax (HE160)	UNII-5	6025	15	996T*2	68	12.88	12.63	15.77	-4.23	11.54	24.00	-12.46
		6185	47		68	12.77	12.48	15.64	-4.23	11.41	24.00	-12.59
		6345	79		68	12.93	12.32	15.65	-4.23	11.42	24.00	-12.58
	UNII-6	6505	111	996T*2	68	12.96	12.57	15.78	-4.42	11.36	24.00	-12.64
	UNII-7	6665	143	996T*2	68	12.42	12.54	15.49	-4.32	11.17	24.00	-12.83
	UNII-8	6825	175	996T*2	68	12.58	12.29	15.45	-4.57	10.88	24.00	-13.12
		6985	207		68	12.57	12.37	15.48	-4.57	10.91	24.00	-13.09

Table 5-12 OFDMA MIMO Partial 26Tone Maximum Output Power e.i.r.p - VLP

Mode	Band	freq. [MHz]	CH. [MHz]	Tone	Index	Average Power [dBm]			Ant Gain [dBi]	e.i.r.p [dBm]	Limit [dBm]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	26T	0	-5.87	-4.88	-2.34	-4.23	-6.57	14.00	-20.57
					4	-5.89	-5.21	-2.53	-4.23	-6.76	14.00	-20.76
					8	-5.34	-4.89	-2.10	-4.23	-6.33	14.00	-20.33
		5955	1	26T	0	-4.59	-3.51	-1.01	-4.23	-5.24	14.00	-19.24
					4	-4.81	-3.79	-1.26	-4.23	-5.49	14.00	-19.49
					8	-4.78	-3.94	-1.33	-4.23	-5.56	14.00	-19.56
		6175	45	26T	0	-4.67	-3.53	-1.05	-4.23	-5.28	14.00	-19.28
					4	-5.08	-3.89	-1.43	-4.23	-5.66	14.00	-19.66
					8	-5.04	-3.63	-1.27	-4.23	-5.50	14.00	-19.50
		6415	93	26T	0	-5.01	-3.97	-1.45	-4.23	-5.68	14.00	-19.68
					4	-5.18	-4.25	-1.68	-4.23	-5.91	14.00	-19.91
					8	-4.88	-4.13	-1.48	-4.23	-5.71	14.00	-19.71
	UNII-6	6435	97	26T	0	-4.52	-3.69	-1.07	-4.42	-5.49	14.00	-19.49
					4	-5.18	-3.84	-1.45	-4.42	-5.87	14.00	-19.87
					8	-5.01	-3.89	-1.40	-4.42	-5.82	14.00	-19.82
		6475	105	26T	0	-5.12	-3.43	-1.18	-4.42	-5.60	14.00	-19.60
					4	-5.45	-3.74	-1.50	-4.42	-5.92	14.00	-19.92
					8	-5.11	-3.62	-1.29	-4.42	-5.71	14.00	-19.71
		6515	113	26T	0	-5.23	-3.38	-1.20	-4.42	-5.62	14.00	-19.62
					4	-5.54	-3.82	-1.59	-4.42	-6.01	14.00	-20.01
					8	-5.32	-3.61	-1.37	-4.42	-5.79	14.00	-19.79
	UNII-7	6535	117	26T	0	-4.85	-3.35	-1.03	-4.32	-5.35	14.00	-19.35
					4	-5.23	-3.67	-1.37	-4.32	-5.69	14.00	-19.69
					8	-5.04	-3.47	-1.17	-4.32	-5.49	14.00	-19.49
		6695	149	26T	0	-5.24	-3.56	-1.31	-4.32	-5.63	14.00	-19.63
					4	-5.47	-3.33	-1.26	-4.32	-5.58	14.00	-19.58
					8	-4.80	-3.81	-1.27	-4.32	-5.59	14.00	-19.59
		6855	181	26T	0	-5.12	-3.54	-1.25	-4.32	-5.57	14.00	-19.57
					4	-5.37	-3.48	-1.31	-4.32	-5.63	14.00	-19.63
					8	-4.97	-3.71	-1.28	-4.32	-5.60	14.00	-19.60
	UNII-8	6875	185	26T	0	-5.01	-3.75	-1.32	-4.57	-5.89	14.00	-19.89
					4	-5.20	-4.11	-1.61	-4.57	-6.18	14.00	-20.18
					8	-4.91	-3.91	-1.37	-4.57	-5.94	14.00	-19.94
		6995	209	26T	0	-4.67	-3.75	-1.18	-4.57	-5.75	14.00	-19.75
					4	-4.92	-3.96	-1.40	-4.57	-5.97	14.00	-19.97
					8	-5.06	-3.48	-1.19	-4.57	-5.76	14.00	-19.76
		7115	233	26T	0	-4.85	-3.37	-1.04	-4.57	-5.61	14.00	-19.61
					4	-5.25	-3.23	-1.11	-4.57	-5.68	14.00	-19.68
					8	-5.20	-3.19	-1.07	-4.57	-5.64	14.00	-19.64

Table 5-13 OFDMA MIMO Partial 52Tone Maximum Output Power e.i.r.p - VLP

Mode	Band	freq. [MHz]	CH. [MHz]	Tone	Index	Average Power [dBm]			Ant Gain [dBi]	e.i.r.p [dBm]	Limit [dBm]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	52T	37	-3.57	-3.04	-0.29	-4.23	-4.52	14.00	-18.52
					38	-3.91	-3.05	-0.45	-4.23	-4.68	14.00	-18.68
					40	-3.67	-2.68	-0.14	-4.23	-4.37	14.00	-18.37
		5955	1	52T	37	-1.88	-0.88	1.66	-4.23	-2.57	14.00	-16.57
					38	-1.97	-0.87	1.63	-4.23	-2.60	14.00	-16.60
					40	-1.94	-0.73	1.72	-4.23	-2.51	14.00	-16.51
		6175	45	52T	37	-1.98	-0.67	1.73	-4.23	-2.50	14.00	-16.50
					38	-2.01	-0.76	1.67	-4.23	-2.56	14.00	-16.56
					40	-1.88	-0.86	1.67	-4.23	-2.56	14.00	-16.56
		6415	93	52T	37	-1.91	-0.69	1.75	-4.23	-2.48	14.00	-16.48
					38	-2.09	-0.98	1.51	-4.23	-2.72	14.00	-16.72
					40	-2.06	-0.96	1.54	-4.23	-2.69	14.00	-16.69
	UNII-6	6435	97	52T	37	-1.94	-0.74	1.71	-4.42	-2.71	14.00	-16.71
					38	-1.82	-0.87	1.69	-4.42	-2.73	14.00	-16.73
					40	-2.03	-0.72	1.68	-4.42	-2.74	14.00	-16.74
		6475	105	52T	37	-2.30	-0.46	1.73	-4.42	-2.69	14.00	-16.69
					38	-2.21	-0.68	1.63	-4.42	-2.79	14.00	-16.79
					40	-2.09	-0.63	1.71	-4.42	-2.71	14.00	-16.71
		6515	113	52T	37	-2.17	-0.60	1.70	-4.42	-2.72	14.00	-16.72
					38	-2.33	-0.63	1.61	-4.42	-2.81	14.00	-16.81
					40	-2.24	-0.58	1.68	-4.42	-2.74	14.00	-16.74
	UNII-7	6535	117	52T	37	-2.14	-0.17	1.97	-4.32	-2.35	14.00	-16.35
					38	-2.10	-0.38	1.85	-4.32	-2.47	14.00	-16.47
					40	-2.21	-0.26	1.88	-4.32	-2.44	14.00	-16.44
		6695	149	52T	37	-2.62	-0.15	1.80	-4.32	-2.52	14.00	-16.52
					38	-2.68	-0.59	1.50	-4.32	-2.82	14.00	-16.82
					40	-2.66	-0.52	1.55	-4.32	-2.77	14.00	-16.77
		6855	181	52T	37	-2.48	-0.71	1.50	-4.32	-2.82	14.00	-16.82
					38	-2.37	-0.67	1.57	-4.32	-2.75	14.00	-16.75
					40	-2.46	-0.56	1.60	-4.32	-2.72	14.00	-16.72
	UNII-8	6875	185	52T	37	-2.13	-0.55	1.74	-4.57	-2.83	14.00	-16.83
					38	-2.14	-0.87	1.55	-4.57	-3.02	14.00	-17.02
					40	-2.15	-0.95	1.50	-4.57	-3.07	14.00	-17.07
		6995	209	52T	37	-2.05	-0.84	1.61	-4.57	-2.96	14.00	-16.96
					38	-2.10	-0.98	1.51	-4.57	-3.06	14.00	-17.06
					40	-2.35	-0.75	1.53	-4.57	-3.04	14.00	-17.04
		7115	233	52T	37	-2.81	-1.15	1.11	-4.57	-3.46	14.00	-17.46
					38	-2.56	-0.28	1.74	-4.57	-2.83	14.00	-16.83
					40	-2.94	-0.74	1.31	-4.57	-3.26	14.00	-17.26

Table 5-14 OFDMA MIMO Partial 106Tone Maximum Output Power e.i.r.p- VLP

Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	Average Power [dBm]			Ant Gain [dBi]	e.i.r.p [dBm]	Limit [dBm]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	106T	53	0.18	1.06	3.65	-4.23	-0.58	14.00	-14.58
					54	0.41	1.21	3.84	-4.23	-0.39	14.00	-14.39
		5955	1	106T	53	1.48	1.33	4.42	-4.23	0.19	14.00	-13.81
					54	1.67	1.49	4.59	-4.23	0.36	14.00	-13.64
		6175	45	106T	53	1.59	1.41	4.51	-4.23	0.28	14.00	-13.72
					54	1.65	1.32	4.50	-4.23	0.27	14.00	-13.73
		6415	93	106T	53	2.08	1.72	4.91	-4.23	0.68	14.00	-13.32
					54	2.11	1.59	4.87	-4.23	0.64	14.00	-13.36
	UNII-6	6435	97	106T	53	1.96	1.23	4.62	-4.42	0.20	14.00	-13.80
					54	1.88	1.22	4.57	-4.42	0.15	14.00	-13.85
		6475	105	106T	53	1.68	1.35	4.53	-4.42	0.11	14.00	-13.89
					54	1.79	1.38	4.60	-4.42	0.18	14.00	-13.82
		6515	113	106T	53	1.82	1.27	4.56	-4.42	0.14	14.00	-13.86
					54	1.79	1.26	4.54	-4.42	0.12	14.00	-13.88
	UNII-7	6535	117	106T	53	1.77	1.32	4.56	-4.32	0.24	14.00	-13.76
					54	1.73	1.24	4.50	-4.32	0.18	14.00	-13.82
		6695	149	106T	53	1.58	2.16	4.89	-4.32	0.57	14.00	-13.43
					54	1.48	2.14	4.83	-4.32	0.51	14.00	-13.49
		6855	181	106T	53	1.81	1.67	4.75	-4.32	0.43	14.00	-13.57
					54	1.88	1.59	4.75	-4.32	0.43	14.00	-13.57
	UNII-8	6875	185	106T	53	2.35	1.54	4.97	-4.57	0.40	14.00	-13.60
					54	2.34	1.54	4.97	-4.57	0.40	14.00	-13.60
		6995	209	106T	53	2.11	1.36	4.76	-4.57	0.19	14.00	-13.81
					54	1.62	1.49	4.57	-4.57	0.00	14.00	-14.00
		7115	233	106T	53	1.65	1.21	4.45	-4.57	-0.12	14.00	-14.12
					54	1.46	1.45	4.47	-4.57	-0.10	14.00	-14.10

Table 5-15 OFDMA MIMO Full Tone Maximum Output Power e.i.r.p - VLP

Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	Average Power [dBm]			Ant Gain [dBi]	e.i.r.p [dBm]	Limit [dBm]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	242T	61	2.96	2.49	5.74	-4.23	1.51	14.00	-12.49
		5955	1		61	5.37	5.75	8.57	-4.23	4.34	14.00	-9.66
		6175	45		61	5.47	5.81	8.65	-4.23	4.42	14.00	-9.58
		6415	93		61	5.63	5.44	8.55	-4.23	4.32	14.00	-9.68
	UNII-6	6435	97	242T	61	5.76	5.53	8.66	-4.42	4.24	14.00	-9.76
		6475	105		61	5.58	5.73	8.67	-4.42	4.25	14.00	-9.75
		6515	113		61	5.57	5.59	8.59	-4.42	4.17	14.00	-9.83
	UNII-7	6535	117	242T	61	5.60	5.56	8.59	-4.32	4.27	14.00	-9.73
		6695	149		61	5.32	5.66	8.50	-4.32	4.18	14.00	-9.82
		6855	181		61	5.77	5.61	8.70	-4.32	4.38	14.00	-9.62
	UNII-8	6875	185	242T	61	5.85	5.39	8.64	-4.57	4.07	14.00	-9.93
		6995	209		61	6.07	5.46	8.79	-4.57	4.22	14.00	-9.78
		7115	233		61	6.13	5.81	8.98	-4.57	4.41	14.00	-9.59
802.11ax (HE40)	UNII-5	5965	3	484T	65	5.57	4.96	8.29	-4.23	4.06	14.00	-9.94
		6165	43		65	5.37	5.67	8.53	-4.23	4.30	14.00	-9.70
		6405	91		65	5.76	5.47	8.63	-4.23	4.40	14.00	-9.60
	UNII-6	6445	99	484T	65	5.69	5.48	8.60	-4.42	4.18	14.00	-9.82
		6485	107		65	5.58	5.62	8.61	-4.42	4.19	14.00	-9.81
		6525	115		65	5.55	5.54	8.56	-4.42	4.14	14.00	-9.86
	UNII-7	6565	123	484T	65	5.48	5.65	8.58	-4.32	4.26	14.00	-9.74
		6725	155		65	5.33	5.69	8.52	-4.32	4.20	14.00	-9.80
		6845	179		65	5.85	5.55	8.71	-4.32	4.39	14.00	-9.61
	UNII-8	6885	187	484T	65	5.72	5.43	8.59	-4.57	4.02	14.00	-9.98
		7005	211		65	6.06	5.56	8.83	-4.57	4.26	14.00	-9.74
		7085	227		65	6.14	5.33	8.76	-4.57	4.19	14.00	-9.81
802.11ax (HE80)	UNII-5	5985	7	996T	67	6.32	5.59	8.98	-4.23	4.75	14.00	-9.25
		6145	39		67	5.83	5.87	8.86	-4.23	4.63	14.00	-9.37
		6385	87		67	6.04	5.76	8.91	-4.23	4.68	14.00	-9.32
	UNII-6	6465	103	996T	67	5.93	5.87	8.91	-4.42	4.49	14.00	-9.51
		6545	119		67	5.90	5.83	8.88	-4.42	4.46	14.00	-9.54
		6625	135		67	5.71	5.81	8.77	-4.32	4.45	14.00	-9.55
	UNII-7	6705	151	996T	67	5.61	5.97	8.80	-4.32	4.48	14.00	-9.52
		6785	167		67	5.88	6.04	8.97	-4.32	4.65	14.00	-9.35
		6865	183		67	6.08	5.86	8.98	-4.57	4.41	14.00	-9.59
	UNII-8	6945	199	996T	67	6.05	5.76	8.92	-4.57	4.35	14.00	-9.65
		7025	215		67	5.92	5.52	8.73	-4.57	4.16	14.00	-9.84
		7105	231		67	5.88	5.41	8.54	-4.23	4.31	14.00	-9.69
802.11ax (HE160)	UNII-5	6025	15	996T*2	68	5.64	5.41	8.54	-4.23	4.31	14.00	-9.69
		6185	47		68	5.64	5.79	8.73	-4.23	4.50	14.00	-9.50
		6345	79		68	5.83	5.61	8.73	-4.23	4.50	14.00	-9.50
	UNII-6	6505	111	996T*2	68	5.72	5.84	8.79	-4.42	4.37	14.00	-9.63
	UNII-7	6665	143	996T*2	68	5.38	5.82	8.62	-4.32	4.30	14.00	-9.70
	UNII-8	6825	175	996T*2	68	6.03	5.67	8.86	-4.57	4.29	14.00	-9.71
		6985	207		68	5.49	5.48	8.50	-4.57	3.93	14.00	-10.07

5.5. The Maximum Power Spectral Density e.i.r.p

5.5.1. Regulatory Limits

Part. 15.407(a)

(7) For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925-6.425 GHz and 6.525-6.875 GHz bands, 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.

(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.

(9) For very low power devices operating in the 5.925-7.125 GHz band, 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.

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4.5.3 Power limits for low-power client devices

Both of the following limits shall apply to low-power client devices:

- a) the maximum e.i.r.p. spectral density shall not exceed -1 dBm/MHz
- b) the maximum e.i.r.p. over the 5925-7125 MHz frequency band shall not exceed 24 dBm

4.5.5 Power limits for standard client devices

All of the following limits shall apply to standard client devices:

- a) the maximum e.i.r.p. spectral density shall not exceed 17 dBm/MHz
- b) the maximum e.i.r.p. over the 5925-6875 MHz frequency band shall not exceed 30 dBm

4.5.6 Power limits for very low-power devices

Both of the following limits shall apply to very low-power devices:

- a) the maximum e.i.r.p. spectral density shall not exceed -5 dBm/MHz
- b) the maximum e.i.r.p. shall not exceed 14 dBm

5.5.2. Test Method

ANSI C63.10-2020, clause 12.4.2.2 Method SA-1

5.5.3. Test Procedure

Method SA-1 uses trace averaging with the EUT transmitting at full power throughout each sweep.

- a) Set span to encompass the entire 99% OBW of the signal.
- b) RBW = 1 MHz
- c) VBW $\geq$ 3 MHz
- d) Number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$
- e) Detector = RMS
- f) Sweep Time = Auto (Coupled) or sufficient to investigate
- g) If transmit duty cycle $< 98\%$, use a video trigger with the trigger level set to enable triggering only on full power pulses. Transmitters shall operate at maximum power control level for the entire duration of every sweep. If the DUT transmits continuously (i.e., with no off intervals) or at duty cycle $\geq 98\%$, and if each transmission is entirely at the maximum power control level, then the trigger shall be set to "free run."
- h) Trace average at least 100 traces in power averaging (rms) mode.

5.5.4. Sample Calculation

$$\text{MIMO } P_T = P_T (\text{Ant1}) + P_T (\text{Ant2})$$

$$= (-4.07) \text{ dBm} + (-4.82) \text{ dBm} = 0.39 \text{ mW} + 0.33 \text{ mW} = 0.72 \text{ mW}$$

$$= 10 \log (0.72 \text{ mW}) = (-1.42) \text{ dBm}$$

$$\text{Correlated Directional Gain} = 10 \log [(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{\text{ANT}}] \text{ dBi}$$

$$= 10 \log [(10^{-7.09/20} + 10^{-7.39/20})^2 / 2] \text{ dBi} = -4.23 \text{ dBi}$$

$$\text{ERP or EIRP} = P_{\text{Cond}} + G_{\text{EUT}} = (-1.42) \text{ dBm} + (-4.23) \text{ dBi} = (-5.65) \text{ dBm}$$

P_{Cond} is the measured power at feedpoint of the EUT antenna, in dBm

G_{EUT} is the gain of the EUT radiating element (antenna), in dBi. (in dBd ERP)

Test Note

- ✓ All insertion losses between the DUT and the spectrum analyzer, including cables and attenuators as well as the duty cycle correction factor, were compensated by the analyzer's correction table.
- ✓ Plots representing the worst-case scenarios for each table are included.

5.5.5. Test Results

Table 5-16 OFDM MIMO Maximum PSD e.i.r.p - SP

Mode	Band	freq. [MHz]	CH. [No.]	PSD [dBm/MHz]			Ant Gain [dBi]	PSD e.i.r.p [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
				Ant1	Ant2	MIMO				
802.11a	UNII-5	5935	2	-4.07	-4.82	-1.42	-4.23	-5.65	17.00	-22.65
		5955	1	5.38	4.72	8.08	-4.23	3.85	17.00	-13.15
		6175	45	5.40	5.14	8.28	-4.23	4.05	17.00	-12.95
		6415	93	5.11	4.59	7.87	-4.23	3.64	17.00	-13.36
	UNII-7	6535	117	4.81	4.49	7.66	-4.32	3.34	17.00	-13.66
		6695	149	5.25	5.67	8.47	-4.32	4.15	17.00	-12.85
		6855	181	5.33	5.11	8.23	-4.32	3.91	17.00	-13.09
802.11ax (HE20)	UNII-5	5935	2	-8.00	-8.67	-5.32	-4.23	-9.55	17.00	-26.55
		5955	1	4.62	4.09	7.37	-4.23	3.14	17.00	-13.86
		6175	45	4.36	3.84	7.12	-4.23	2.89	17.00	-14.11
		6415	93	4.43	3.80	7.14	-4.23	2.91	17.00	-14.09
	UNII-7	6535	117	4.63	3.55	7.13	-4.32	2.81	17.00	-14.19
		6695	149	4.00	3.65	6.84	-4.32	2.52	17.00	-14.48
		6855	181	4.98	3.84	7.46	-4.32	3.14	17.00	-13.86
802.11ax (HE40)	UNII-5	5965	3	1.34	1.39	4.37	-4.23	0.14	17.00	-16.86
		6165	43	1.33	0.85	4.11	-4.23	-0.12	17.00	-17.12
		6405	91	1.64	0.82	4.26	-4.23	0.03	17.00	-16.97
	UNII-7	6565	123	1.32	0.91	4.13	-4.32	-0.19	17.00	-17.19
		6725	155	1.43	0.93	4.20	-4.32	-0.12	17.00	-17.12
		6845	179	2.31	1.72	5.03	-4.32	0.71	17.00	-16.29
802.11ax (HE80)	UNII-5	5985	7	-1.03	-1.75	1.63	-4.23	-2.60	17.00	-19.60
		6145	39	-0.74	-1.88	1.74	-4.23	-2.49	17.00	-19.49
		6385	87	0.13	-1.56	2.38	-4.23	-1.85	17.00	-18.85
	UNII-7	6625	135	-0.31	-0.79	2.47	-4.32	-1.85	17.00	-18.85
		6705	151	-1.13	-0.79	2.05	-4.32	-2.27	17.00	-19.27
		6785	167	-0.29	-1.14	2.32	-4.32	-2.00	17.00	-19.00
802.11ax (HE160)	UNII-5	6025	15	-4.11	-4.51	-1.29	-4.23	-5.52	17.00	-22.52
		6185	47	-3.88	-4.52	-1.17	-4.23	-5.40	17.00	-22.40
		6345	79	-3.36	-3.61	-0.47	-4.23	-4.70	17.00	-21.70
	UNII-7	6665	143	-3.93	-3.76	-0.84	-4.32	-5.16	17.00	-22.16

Table 5-17 OFDM MIMO Maximum PSD e.i.r.p - LPI

Mode	Band	freq. [MHz]	CH. [MHz]	PSD [dBm/MHz]			Ant Gain [dBi]	PSD e.i.r.p [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
				Ant1	Ant2	MIMO				
802.11a	UNII-5	5935	2	-4.36	-4.81	-1.57	-4.23	-5.80	-1.00	-4.80
		5955	1	-0.39	-0.63	2.50	-4.23	-1.73	-1.00	-0.73
		6175	45	-0.27	-0.60	2.58	-4.23	-1.65	-1.00	-0.65
		6415	93	-0.55	-1.28	2.11	-4.23	-2.12	-1.00	-1.12
	UNII-6	6435	97	0.02	-0.68	2.69	-4.42	-1.73	-1.00	-0.73
		6475	105	-0.65	-1.22	2.09	-4.42	-2.33	-1.00	-1.33
		6515	113	-0.41	-0.97	2.33	-4.42	-2.09	-1.00	-1.09
		6535	117	-0.43	-0.89	2.36	-4.32	-1.96	-1.00	-0.96
	UNII-7	6695	149	-0.21	-0.12	2.84	-4.32	-1.48	-1.00	-0.48
		6855	181	-0.62	-1.02	2.20	-4.32	-2.12	-1.00	-1.12
		6875	185	-0.49	-1.17	2.19	-4.57	-2.38	-1.00	-1.38
		6995	209	-0.24	-0.51	2.64	-4.57	-1.93	-1.00	-0.93
802.11ax (HE20)	UNII-5	7115	233	-1.75	-1.64	1.31	-4.57	-3.26	-1.00	-2.26
		5935	2	-7.82	-8.52	-5.15	-4.23	-9.38	-1.00	-8.38
		5955	1	0.10	-0.80	2.68	-4.23	-1.55	-1.00	-0.55
		6175	45	-0.18	-0.56	2.64	-4.23	-1.59	-1.00	-0.59
	UNII-6	6415	93	-0.24	-0.82	2.49	-4.23	-1.74	-1.00	-0.74
		6435	97	0.19	-0.36	2.93	-4.42	-1.49	-1.00	-0.49
		6475	105	-0.09	-0.13	2.90	-4.42	-1.52	-1.00	-0.52
		6515	113	-0.19	-0.46	2.69	-4.42	-1.73	-1.00	-0.73
	UNII-7	6535	117	-0.11	-0.64	2.64	-4.32	-1.68	-1.00	-0.68
		6695	149	-0.39	-0.14	2.75	-4.32	-1.57	-1.00	-0.57
		6855	181	-0.12	-0.56	2.67	-4.32	-1.65	-1.00	-0.65
		6875	185	0.25	-0.48	2.91	-4.57	-1.66	-1.00	-0.66
	UNII-8	6995	209	-0.30	-0.79	2.47	-4.57	-2.10	-1.00	-1.10
		7115	233	-0.90	-0.94	2.09	-4.57	-2.48	-1.00	-1.48
802.11ax (HE40)	UNII-5	5965	3	-2.12	-2.46	0.72	-4.23	-3.51	-1.00	-2.51
		6165	43	-1.72	-1.82	1.24	-4.23	-2.99	-1.00	-1.99
		6405	91	-2.29	-2.89	0.43	-4.23	-3.80	-1.00	-2.80
	UNII-6	6445	99	-2.17	-2.67	0.59	-4.42	-3.83	-1.00	-2.83
		6485	107	-2.22	-2.58	0.61	-4.42	-3.81	-1.00	-2.81
		6525	115	-1.86	-2.48	0.85	-4.42	-3.57	-1.00	-2.57
	UNII-7	6565	123	-2.19	-2.52	0.65	-4.32	-3.67	-1.00	-2.67
		6725	155	-2.43	-2.09	0.75	-4.32	-3.57	-1.00	-2.57
		6845	179	-2.58	-2.54	0.45	-4.32	-3.87	-1.00	-2.87
	UNII-8	6885	187	-2.24	-2.91	0.45	-4.57	-4.12	-1.00	-3.12
		7005	211	-2.48	-2.83	0.36	-4.57	-4.21	-1.00	-3.21
		7085	227	-2.02	-2.64	0.69	-4.57	-3.88	-1.00	-2.88
802.11ax (HE80)	UNII-5	5985	7	-4.15	-4.84	-1.47	-4.23	-5.70	-1.00	-4.70
		6145	39	-3.88	-4.08	-0.97	-4.23	-5.20	-1.00	-4.20
		6385	87	-4.54	-5.07	-1.79	-4.23	-6.02	-1.00	-5.02
	UNII-6	6465	103	-4.47	-4.88	-1.66	-4.42	-6.08	-1.00	-5.08
		6545	119	-4.44	-4.41	-1.41	-4.42	-5.83	-1.00	-4.83
		6625	135	-3.93	-3.96	-0.93	-4.32	-5.25	-1.00	-4.25
	UNII-7	6705	151	-4.88	-4.53	-1.69	-4.32	-6.01	-1.00	-5.01
		6785	167	-3.64	-4.12	-0.87	-4.32	-5.19	-1.00	-4.19
		6865	183	-4.76	-5.03	-1.88	-4.57	-6.45	-1.00	-5.45
	UNII-8	6945	199	-4.49	-5.38	-1.90	-4.57	-6.47	-1.00	-5.47
		7025	215	-4.58	-5.11	-1.83	-4.57	-6.40	-1.00	-5.40
802.11ax (HE160)	UNII-5	6025	15	-7.49	-7.62	-4.54	-4.23	-8.77	-1.00	-7.77
		6185	47	-7.51	-7.38	-4.43	-4.23	-8.66	-1.00	-7.66
		6345	79	-7.58	-7.71	-4.63	-4.23	-8.86	-1.00	-7.86
	UNII-6	6505	111	-7.28	-8.13	-4.67	-4.42	-9.09	-1.00	-8.09
	UNII-7	6665	143	-7.80	-7.49	-4.63	-4.32	-8.95	-1.00	-7.95
	UNII-8	6825	175	-7.97	-7.68	-4.81	-4.57	-9.38	-1.00	-8.38

Table 5-18 OFDM MIMO Maximum PSD e.i.r.p - VLP

Mode	Band	freq. [MHz]	CH. [No.]	PSD [dBm/MHz]			Ant Gain [dBi]	PSD e.i.r.p [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
				Ant1	Ant2	MIMO				
802.11a	UNII-5	5935	2	-5.70	-6.00	-2.84	-4.23	-7.07	-5.00	-2.07
		5955	1	-6.24	-6.97	-3.58	-4.23	-7.81	-5.00	-2.81
		6175	45	-6.07	-5.92	-2.98	-4.23	-7.21	-5.00	-2.21
		6415	93	-6.62	-6.33	-3.46	-4.23	-7.69	-5.00	-2.69
	UNII-6	6435	97	-6.52	-6.41	-3.45	-4.42	-7.87	-5.00	-2.87
		6475	105	-6.65	-6.64	-3.63	-4.42	-8.05	-5.00	-3.05
		6515	113	-6.34	-6.56	-3.44	-4.42	-7.86	-5.00	-2.86
		6535	117	-6.24	-6.37	-3.30	-4.32	-7.62	-5.00	-2.62
	UNII-7	6695	149	-5.80	-5.57	-2.67	-4.32	-6.99	-5.00	-1.99
		6855	181	-5.75	-6.43	-3.07	-4.32	-7.39	-5.00	-2.39
		6875	185	-5.31	-6.20	-2.72	-4.57	-7.29	-5.00	-2.29
	UNII-8	6995	209	-5.78	-6.32	-3.03	-4.57	-7.60	-5.00	-2.60
		7115	233	-5.45	-5.74	-2.58	-4.57	-7.15	-5.00	-2.15
802.11ax (HE20)	UNII-5	5935	2	-7.98	-8.59	-5.26	-4.23	-9.49	-5.00	-4.49
		5955	1	-6.74	-7.76	-4.21	-4.23	-8.44	-5.00	-3.44
		6175	45	-7.21	-7.03	-4.11	-4.23	-8.34	-5.00	-3.34
		6415	93	-7.19	-7.11	-4.14	-4.23	-8.37	-5.00	-3.37
	UNII-6	6435	97	-6.67	-7.32	-3.97	-4.42	-8.39	-5.00	-3.39
		6475	105	-7.05	-7.09	-4.06	-4.42	-8.48	-5.00	-3.48
		6515	113	-6.99	-7.21	-4.09	-4.42	-8.51	-5.00	-3.51
		6535	117	-7.02	-7.45	-4.22	-4.32	-8.54	-5.00	-3.54
	UNII-7	6695	149	-7.39	-7.30	-4.34	-4.32	-8.66	-5.00	-3.66
		6855	181	-6.76	-7.16	-3.95	-4.32	-8.27	-5.00	-3.27
		6875	185	-6.13	-6.60	-3.35	-4.57	-7.92	-5.00	-2.92
	UNII-8	6995	209	-6.18	-6.98	-3.55	-4.57	-8.12	-5.00	-3.12
		7115	233	-6.74	-7.04	-3.88	-4.57	-8.45	-5.00	-3.45
802.11ax (HE40)	UNII-5	5965	3	-9.18	-9.73	-6.43	-4.23	-10.66	-5.00	-5.66
		6165	43	-10.41	-9.96	-7.17	-4.23	-11.40	-5.00	-6.40
		6405	91	-9.81	-10.13	-6.96	-4.23	-11.19	-5.00	-6.19
	UNII-6	6445	99	-9.40	-10.24	-6.79	-4.42	-11.21	-5.00	-6.21
		6485	107	-10.02	-9.96	-6.98	-4.42	-11.40	-5.00	-6.40
		6525	115	-9.84	-10.12	-6.97	-4.42	-11.39	-5.00	-6.39
	UNII-7	6565	123	-9.93	-9.77	-6.84	-4.32	-11.16	-5.00	-6.16
		6725	155	-9.71	-9.54	-6.61	-4.32	-10.93	-5.00	-5.93
		6845	179	-9.19	-9.57	-6.37	-4.32	-10.69	-5.00	-5.69
	UNII-8	6885	187	-8.97	-9.67	-6.29	-4.57	-10.86	-5.00	-5.86
		7005	211	-9.50	-9.73	-6.60	-4.57	-11.17	-5.00	-6.17
		7085	227	-8.53	-9.97	-6.18	-4.57	-10.75	-5.00	-5.75
802.11ax (HE80)	UNII-5	5985	7	-11.94	-12.54	-9.22	-4.23	-13.45	-5.00	-8.45
		6145	39	-12.43	-12.43	-9.42	-4.23	-13.65	-5.00	-8.65
		6385	87	-12.03	-12.12	-9.06	-4.23	-13.29	-5.00	-8.29
	UNII-6	6465	103	-11.91	-12.42	-9.15	-4.42	-13.57	-5.00	-8.57
		6545	119	-12.51	-11.71	-9.08	-4.42	-13.50	-5.00	-8.50
		6625	135	-12.38	-12.08	-9.22	-4.32	-13.54	-5.00	-8.54
	UNII-7	6705	151	-12.60	-12.00	-9.28	-4.32	-13.60	-5.00	-8.60
		6785	167	-12.18	-12.18	-9.17	-4.32	-13.49	-5.00	-8.49
		6865	183	-12.30	-12.38	-9.33	-4.57	-13.90	-5.00	-8.90
	UNII-8	6945	199	-11.63	-12.79	-9.16	-4.57	-13.73	-5.00	-8.73
		7025	215	-11.96	-12.07	-9.01	-4.57	-13.58	-5.00	-8.58
802.11ax (HE160)	UNII-5	6025	15	-14.98	-15.46	-12.20	-4.23	-16.43	-5.00	-11.43
		6185	47	-15.40	-15.22	-12.30	-4.23	-16.53	-5.00	-11.53
		6345	79	-14.87	-15.59	-12.21	-4.23	-16.44	-5.00	-11.44
	UNII-6	6505	111	-15.42	-15.57	-12.48	-4.42	-16.90	-5.00	-11.90
	UNII-7	6665	143	-16.01	-15.49	-12.73	-4.32	-17.05	-5.00	-12.05
	UNII-8	6825	175	-14.94	-15.18	-12.05	-4.57	-16.62	-5.00	-11.62
		6985	207	-14.73	-15.47	-12.07	-4.57	-16.64	-5.00	-11.64

Table 5-19 OFDMA MIMO Partial 26Tone Maximum PSD e.i.r.p - SP

Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	PSD [dBm/MHz]			Ant Gain [dBi]	PSD e.i.r.p [dBm/MHz]	Limit [dBm]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	26T	0	-8.22	-6.74	-4.41	-4.23	-8.64	17.00	-25.64
					4	-9.42	-8.32	-5.83	-4.23	-10.06	17.00	-27.06
					8	-8.28	-7.03	-4.60	-4.23	-8.83	17.00	-25.83
		5955	1	26T	0	3.92	3.06	6.52	-4.23	2.29	17.00	-14.71
					4	2.37	2.28	5.34	-4.23	1.11	17.00	-15.89
					8	3.63	3.34	6.50	-4.23	2.27	17.00	-14.73
		6175	45	26T	0	4.28	4.04	7.17	-4.23	2.94	17.00	-14.06
					4	3.12	2.77	5.96	-4.23	1.73	17.00	-15.27
					8	4.40	4.32	7.37	-4.23	3.14	17.00	-13.86
		6415	93	26T	0	4.57	3.43	7.05	-4.23	2.82	17.00	-14.18
					4	3.19	2.27	5.76	-4.23	1.53	17.00	-15.47
					8	4.20	3.41	6.84	-4.23	2.61	17.00	-14.39
	UNII-7	6535	117	26T	0	4.53	4.22	7.39	-4.32	3.07	17.00	-13.93
					4	3.06	2.55	5.82	-4.32	1.50	17.00	-15.50
					8	4.27	3.84	7.07	-4.32	2.75	17.00	-14.25
		6695	149	26T	0	4.44	3.97	7.22	-4.32	2.90	17.00	-14.10
					4	2.89	2.86	5.88	-4.32	1.56	17.00	-15.44
					8	3.91	4.22	7.08	-4.32	2.76	17.00	-14.24
		6855	181	26T	0	4.88	4.54	7.72	-4.32	3.40	17.00	-13.60
					4	3.44	3.29	6.38	-4.32	2.06	17.00	-14.94
					8	5.11	4.47	7.81	-4.32	3.49	17.00	-13.51

Table 5-20 OFDMA MIMO Partial 52Tone Maximum PSD e.i.r.p - SP

Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	PSD [dBm/MHz]			Ant Gain [dBi]	PSD e.i.r.p [dBm/MHz]	Limit [dBm]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	52T	37	-9.00	-7.65	-5.26	-4.23	-9.49	17.00	-26.49
					38	-8.86	-7.86	-5.32	-4.23	-9.55	17.00	-26.55
					40	-9.16	-7.92	-5.49	-4.23	-9.72	17.00	-26.72
		5955	1	52T	37	4.77	4.67	7.73	-4.23	3.50	17.00	-13.50
					38	4.74	4.34	7.55	-4.23	3.32	17.00	-13.68
					40	4.79	4.63	7.72	-4.23	3.49	17.00	-13.51
		6175	45	52T	37	4.96	4.55	7.77	-4.23	3.54	17.00	-13.46
					38	4.57	4.34	7.46	-4.23	3.23	17.00	-13.77
					40	4.75	4.54	7.65	-4.23	3.42	17.00	-13.58
		6415	93	52T	37	5.05	4.60	7.84	-4.23	3.61	17.00	-13.39
					38	4.87	4.45	7.68	-4.23	3.45	17.00	-13.55
					40	5.01	4.18	7.62	-4.23	3.39	17.00	-13.61
	UNII-7	6535	117	52T	37	5.29	4.35	7.86	-4.32	3.54	17.00	-13.46
					38	5.03	4.13	7.62	-4.32	3.30	17.00	-13.70
					40	5.05	4.27	7.68	-4.32	3.36	17.00	-13.64
		6695	149	52T	37	4.30	4.61	7.47	-4.32	3.15	17.00	-13.85
					38	4.55	4.47	7.52	-4.32	3.20	17.00	-13.80
					40	4.64	4.55	7.61	-4.32	3.29	17.00	-13.71
		6855	181	52T	37	5.42	5.09	8.27	-4.32	3.95	17.00	-13.05
					38	5.36	4.87	8.13	-4.32	3.81	17.00	-13.19
					40	5.39	4.90	8.16	-4.32	3.84	17.00	-13.16

Table 5-21 OFDMA MIMO Partial 106Tone Maximum PSD e.i.r.p - SP

Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	PSD [dBm/MHz]			Ant Gain [dBi]	PSD e.i.r.p [dBm/MHz]	Limit [dBm]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	106T	53	-8.71	-7.63	-5.13	-4.23	-9.36	17.00	-26.36
					54	-8.89	-8.07	-5.45	-4.23	-9.68	17.00	-26.68
		5955	1	106T	53	5.77	4.82	8.33	-4.23	4.10	17.00	-12.90
					54	5.22	5.01	8.12	-4.23	3.89	17.00	-13.11
		6175	45	106T	53	5.12	4.49	7.83	-4.23	3.60	17.00	-13.40
					54	5.26	4.73	8.01	-4.23	3.78	17.00	-13.22
		6415	93	106T	53	4.87	4.33	7.62	-4.23	3.39	17.00	-13.61
					54	4.94	4.41	7.69	-4.23	3.46	17.00	-13.54
	UNII-7	6535	117	106T	53	4.99	4.51	7.77	-4.32	3.45	17.00	-13.55
					54	4.99	4.29	7.67	-4.32	3.35	17.00	-13.65
		6695	149	106T	53	4.81	4.36	7.60	-4.32	3.28	17.00	-13.72
					54	4.62	4.59	7.61	-4.32	3.29	17.00	-13.71
		6855	181	106T	53	5.32	4.95	8.15	-4.32	3.83	17.00	-13.17
					54	5.30	4.88	8.11	-4.32	3.79	17.00	-13.21

Table 5-22 OFDMA MIMO Partial 26Tone Maximum PSD e.i.r.p - LPI

Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	PSD [dBm/MHz]			Ant Gain [dBi]	PSD e.i.r.p [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	26T	0	-8.37	-7.16	-4.71	-4.23	-8.94	-1.00	-7.94
					4	-9.48	-8.41	-5.90	-4.23	-10.13	-1.00	-9.13
					8	-8.19	-7.32	-4.72	-4.23	-8.95	-1.00	-7.95
		5955	1	26T	0	-2.75	-1.74	0.79	-4.23	-3.44	-1.00	-2.44
					4	-4.31	-2.84	-0.50	-4.23	-4.73	-1.00	-3.73
					8	-2.64	-1.47	1.00	-4.23	-3.23	-1.00	-2.23
		6175	45	26T	0	-1.73	-2.04	1.13	-4.23	-3.10	-1.00	-2.10
					4	-2.81	-3.20	0.01	-4.23	-4.22	-1.00	-3.22
					8	-1.71	-2.05	1.14	-4.23	-3.09	-1.00	-2.09
		6415	93	26T	0	-1.49	-2.04	1.25	-4.23	-2.98	-1.00	-1.98
					4	-3.20	-3.23	-0.21	-4.23	-4.44	-1.00	-3.44
					8	-1.47	-2.26	1.16	-4.23	-3.07	-1.00	-2.07
	UNII-6	6435	97	26T	0	-1.13	-1.85	1.54	-4.42	-2.88	-1.00	-1.88
					4	-2.43	-3.24	0.20	-4.42	-4.22	-1.00	-3.22
					8	-1.45	-1.97	1.31	-4.42	-3.11	-1.00	-2.11
		6475	105	26T	0	-1.61	-1.88	1.27	-4.42	-3.15	-1.00	-2.15
					4	-2.64	-3.29	0.06	-4.42	-4.36	-1.00	-3.36
					8	-1.32	-1.86	1.43	-4.42	-2.99	-1.00	-1.99
		6515	113	26T	0	-1.42	-2.09	1.27	-4.42	-3.15	-1.00	-2.15
					4	-2.90	-3.22	-0.04	-4.42	-4.46	-1.00	-3.46
					8	-1.52	-2.09	1.21	-4.42	-3.21	-1.00	-2.21
	UNII-7	6535	117	26T	0	-1.19	-1.76	1.54	-4.32	-2.78	-1.00	-1.78
					4	-2.25	-3.33	0.25	-4.32	-4.07	-1.00	-3.07
					8	-1.45	-2.04	1.28	-4.32	-3.04	-1.00	-2.04
		6695	149	26T	0	-2.36	-1.65	1.02	-4.32	-3.30	-1.00	-2.30
					4	-3.29	-3.04	-0.15	-4.32	-4.47	-1.00	-3.47
					8	-2.30	-1.95	0.89	-4.32	-3.43	-1.00	-2.43
		6855	181	26T	0	-0.56	-0.97	2.25	-4.32	-2.07	-1.00	-1.07
					4	-1.64	-2.09	1.15	-4.32	-3.17	-1.00	-2.17
					8	-0.57	-1.09	2.19	-4.32	-2.13	-1.00	-1.13
	UNII-8	6875	185	26T	0	-0.82	-1.15	2.03	-4.57	-2.54	-1.00	-1.54
					4	-2.24	-2.57	0.61	-4.57	-3.96	-1.00	-2.96
					8	-0.84	-1.72	1.75	-4.57	-2.82	-1.00	-1.82
		6995	209	26T	0	-0.73	-1.19	2.06	-4.57	-2.51	-1.00	-1.51
					4	-2.35	-3.02	0.34	-4.57	-4.23	-1.00	-3.23
					8	-1.08	-1.50	1.72	-4.57	-2.85	-1.00	-1.85
		7115	233	26T	0	-3.53	-1.41	0.67	-4.57	-3.90	-1.00	-2.90
					4	-5.12	-2.56	-0.64	-4.57	-5.21	-1.00	-4.21
					8	-3.64	-1.23	0.74	-4.57	-3.83	-1.00	-2.83

Table 5-23 OFDMA MIMO Partial 52Tone Maximum PSD e.i.r.p - LPI

Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	PSD [dBm/MHz]			Ant Gain [dBi]	PSD e.i.r.p [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	52T	37	-9.02	-7.81	-5.36	-4.23	-9.59	-1.00	-8.59
					38	-9.01	-7.64	-5.26	-4.23	-9.49	-1.00	-8.49
					40	-9.10	-7.64	-5.30	-4.23	-9.53	-1.00	-8.53
		5955	1	52T	37	-0.22	-0.91	2.46	-4.23	-1.77	-1.00	-0.77
					38	-0.45	-1.20	2.20	-4.23	-2.03	-1.00	-1.03
					40	-0.45	-0.89	2.35	-4.23	-1.88	-1.00	-0.88
		6175	45	52T	37	-1.10	-1.52	1.71	-4.23	-2.52	-1.00	-1.52
					38	-1.49	-1.51	1.51	-4.23	-2.72	-1.00	-1.72
					40	-1.39	-1.64	1.50	-4.23	-2.73	-1.00	-1.73
		6415	93	52T	37	-1.24	-1.55	1.62	-4.23	-2.61	-1.00	-1.61
					38	-1.31	-1.53	1.59	-4.23	-2.64	-1.00	-1.64
					40	-1.41	-1.36	1.63	-4.23	-2.60	-1.00	-1.60
	UNII-6	6435	97	52T	37	-0.65	-1.34	2.03	-4.42	-2.39	-1.00	-1.39
					38	-1.14	-1.26	1.81	-4.42	-2.61	-1.00	-1.61
					40	-1.49	-1.21	1.67	-4.42	-2.75	-1.00	-1.75
		6475	105	52T	37	-1.10	-1.28	1.82	-4.42	-2.60	-1.00	-1.60
					38	-1.28	-1.28	1.73	-4.42	-2.69	-1.00	-1.69
					40	-1.34	-0.89	1.90	-4.42	-2.52	-1.00	-1.52
		6515	113	52T	37	-1.07	-1.53	1.71	-4.42	-2.71	-1.00	-1.71
					38	-1.27	-1.50	1.63	-4.42	-2.79	-1.00	-1.79
					40	-1.20	-1.40	1.71	-4.42	-2.71	-1.00	-1.71
	UNII-7	6535	117	52T	37	-0.92	-1.57	1.77	-4.32	-2.55	-1.00	-1.55
					38	-1.23	-1.60	1.60	-4.32	-2.72	-1.00	-1.72
					40	-1.48	-1.49	1.53	-4.32	-2.79	-1.00	-1.79
		6695	149	52T	37	-1.65	-1.42	1.48	-4.32	-2.84	-1.00	-1.84
					38	-1.80	-1.63	1.29	-4.32	-3.03	-1.00	-2.03
					40	-1.57	-1.32	1.57	-4.32	-2.75	-1.00	-1.75
		6855	181	52T	37	-0.99	-1.17	1.93	-4.32	-2.39	-1.00	-1.39
					38	-0.94	-1.44	1.83	-4.32	-2.49	-1.00	-1.49
					40	-0.80	-1.39	1.92	-4.32	-2.40	-1.00	-1.40
	UNII-8	6875	185	52T	37	-0.37	-0.91	2.38	-4.57	-2.19	-1.00	-1.19
					38	-0.27	-0.90	2.44	-4.57	-2.13	-1.00	-1.13
					40	-0.56	-1.24	2.13	-4.57	-2.44	-1.00	-1.44
		6995	209	52T	37	-0.25	-0.97	2.41	-4.57	-2.16	-1.00	-1.16
					38	-0.54	-0.90	2.29	-4.57	-2.28	-1.00	-1.28
					40	-0.97	-0.87	2.09	-4.57	-2.48	-1.00	-1.48
		7115	233	52T	37	-1.47	-1.73	1.41	-4.57	-3.16	-1.00	-2.16
					38	-1.93	-2.01	1.04	-4.57	-3.53	-1.00	-2.53
					40	-1.86	-1.60	1.28	-4.57	-3.29	-1.00	-2.29

Table 5-24 OFDMA MIMO Partial 106Tone Maximum PSD e.i.r.p - LPI

Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	PSD [dBm/MHz]			Ant Gain [dBi]	PSD e.i.r.p [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	106T	53	-8.88	-7.75	-5.27	-4.23	-9.50	-1.00	-8.50
					54	-9.07	-7.81	-5.38	-4.23	-9.61	-1.00	-8.61
		5955	1	106T	53	-0.36	-1.18	2.26	-4.23	-1.97	-1.00	-0.97
					54	-0.62	-1.16	2.13	-4.23	-2.10	-1.00	-1.10
		6175	45	106T	53	-1.70	-1.79	1.27	-4.23	-2.96	-1.00	-1.96
					54	-1.33	-1.62	1.54	-4.23	-2.69	-1.00	-1.69
		6415	93	106T	53	-0.93	-1.33	1.88	-4.23	-2.35	-1.00	-1.35
					54	-0.87	-1.54	1.82	-4.23	-2.41	-1.00	-1.41
	UNII-6	6435	97	106T	53	-1.30	-1.86	1.44	-4.42	-2.98	-1.00	-1.98
					54	-1.50	-1.87	1.33	-4.42	-3.09	-1.00	-2.09
		6475	105	106T	53	-1.32	-1.78	1.47	-4.42	-2.95	-1.00	-1.95
					54	-1.25	-1.60	1.59	-4.42	-2.83	-1.00	-1.83
		6515	113	106T	53	-1.23	-1.77	1.52	-4.42	-2.90	-1.00	-1.90
					54	-1.16	-1.43	1.72	-4.42	-2.70	-1.00	-1.70
	UNII-7	6535	117	106T	53	-1.22	-1.71	1.55	-4.32	-2.77	-1.00	-1.77
					54	-1.63	-1.81	1.29	-4.32	-3.03	-1.00	-2.03
		6695	149	106T	53	-1.11	-1.47	1.72	-4.32	-2.60	-1.00	-1.60
					54	-1.33	-1.40	1.65	-4.32	-2.67	-1.00	-1.67
		6855	181	106T	53	-1.05	-1.60	1.70	-4.32	-2.62	-1.00	-1.62
					54	-1.09	-1.83	1.57	-4.32	-2.75	-1.00	-1.75
	UNII-8	6875	185	106T	53	0.04	-0.78	2.66	-4.57	-1.91	-1.00	-0.91
					54	-0.14	-0.99	2.47	-4.57	-2.10	-1.00	-1.10
		6995	209	106T	53	-0.34	-1.42	2.17	-4.57	-2.40	-1.00	-1.40
					54	-0.78	-1.34	1.96	-4.57	-2.61	-1.00	-1.61
		7115	233	106T	53	-3.43	-3.84	-0.62	-4.57	-5.19	-1.00	-4.19
					54	-3.52	-3.49	-0.49	-4.57	-5.06	-1.00	-4.06

Table 5-25 OFDMA MIMO Partial 26Tone Maximum PSD e.i.r.p -VLP

Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	PSD [dBm/MHz]			Ant Gain [dBi]	PSD e.i.r.p [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	26T	0	-8.33	-6.85	-4.52	-4.23	-8.75	-5.00	-3.75
					4	-9.27	-8.27	-5.73	-4.23	-9.96	-5.00	-4.96
					8	-8.36	-7.15	-4.70	-4.23	-8.93	-5.00	-3.93
		5955	1	26T	0	-7.27	-6.88	-4.06	-4.23	-8.29	-5.00	-3.29
					4	-8.28	-8.16	-5.21	-4.23	-9.44	-5.00	-4.44
					8	-7.38	-6.67	-4.00	-4.23	-8.23	-5.00	-3.23
		6175	45	26T	0	-7.84	-6.33	-4.01	-4.23	-8.24	-5.00	-3.24
					4	-9.12	-7.66	-5.32	-4.23	-9.55	-5.00	-4.55
					8	-8.10	-6.39	-4.15	-4.23	-8.38	-5.00	-3.38
		6415	93	26T	0	-7.69	-6.86	-4.24	-4.23	-8.47	-5.00	-3.47
					4	-9.28	-8.30	-5.75	-4.23	-9.98	-5.00	-4.98
					8	-8.20	-7.10	-4.60	-4.23	-8.83	-5.00	-3.83
	UNII-6	6435	97	26T	0	-7.49	-6.51	-3.96	-4.42	-8.38	-5.00	-3.38
					4	-9.30	-8.19	-5.70	-4.42	-10.12	-5.00	-5.12
					8	-8.33	-6.88	-4.53	-4.42	-8.95	-5.00	-3.95
		6475	105	26T	0	-8.15	-6.86	-4.45	-4.42	-8.87	-5.00	-3.87
					4	-9.79	-7.94	-5.76	-4.42	-10.18	-5.00	-5.18
					8	-8.58	-6.51	-4.41	-4.42	-8.83	-5.00	-3.83
		6515	113	26T	0	-8.56	-6.26	-4.24	-4.42	-8.66	-5.00	-3.66
					4	-9.66	-7.49	-5.43	-4.42	-9.85	-5.00	-4.85
					8	-8.48	-6.55	-4.40	-4.42	-8.82	-5.00	-3.82
	UNII-7	6535	117	26T	0	-7.90	-6.31	-4.02	-4.32	-8.34	-5.00	-3.34
					4	-8.89	-7.59	-5.18	-4.32	-9.50	-5.00	-4.50
					8	-7.80	-6.31	-3.98	-4.32	-8.30	-5.00	-3.30
		6695	149	26T	0	-8.08	-5.83	-3.80	-4.32	-8.12	-5.00	-3.12
					4	-9.69	-7.13	-5.21	-4.32	-9.53	-5.00	-4.53
					8	-7.99	-5.78	-3.73	-4.32	-8.05	-5.00	-3.05
		6855	181	26T	0	-8.00	-6.30	-4.05	-4.32	-8.37	-5.00	-3.37
					4	-9.40	-7.63	-5.42	-4.32	-9.74	-5.00	-4.74
					8	-8.07	-6.19	-4.02	-4.32	-8.34	-5.00	-3.34
	UNII-8	6875	185	26T	0	-7.60	-5.81	-3.60	-4.57	-8.17	-5.00	-3.17
					4	-8.88	-7.52	-5.14	-4.57	-9.71	-5.00	-4.71
					8	-7.40	-6.21	-3.75	-4.57	-8.32	-5.00	-3.32
		6995	209	26T	0	-7.32	-6.58	-3.93	-4.57	-8.50	-5.00	-3.50
					4	-9.19	-7.61	-5.32	-4.57	-9.89	-5.00	-4.89
					8	-8.24	-6.80	-4.45	-4.57	-9.02	-5.00	-4.02
		7115	233	26T	0	-7.72	-6.07	-3.81	-4.57	-8.38	-5.00	-3.38
					4	-8.95	-6.94	-4.82	-4.57	-9.39	-5.00	-4.39
					8	-7.87	-5.29	-3.38	-4.57	-7.95	-5.00	-2.95

Table 5-26 OFDMA MIMO Partial 52Tone Maximum PSD e.i.r.p -VLP

Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	PSD [dBm/MHz]			Ant Gain [dBi]	PSD e.i.r.p [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	52T	37	-9.14	-7.76	-5.39	-4.23	-9.62	-5.00	-4.62
					38	-9.28	-7.95	-5.55	-4.23	-9.78	-5.00	-4.78
					40	-8.90	-8.01	-5.43	-4.23	-9.66	-5.00	-4.66
		5955	1	52T	37	-7.79	-7.09	-4.41	-4.23	-8.64	-5.00	-3.64
					38	-7.83	-7.37	-4.58	-4.23	-8.81	-5.00	-3.81
					40	-7.67	-6.89	-4.25	-4.23	-8.48	-5.00	-3.48
		6175	45	52T	37	-8.05	-6.64	-4.28	-4.23	-8.51	-5.00	-3.51
					38	-7.88	-6.96	-4.39	-4.23	-8.62	-5.00	-3.62
					40	-8.13	-6.94	-4.48	-4.23	-8.71	-5.00	-3.71
		6415	93	52T	37	-8.04	-6.97	-4.46	-4.23	-8.69	-5.00	-3.69
					38	-8.14	-7.02	-4.53	-4.23	-8.76	-5.00	-3.76
					40	-8.34	-7.11	-4.67	-4.23	-8.90	-5.00	-3.90
	UNII-6	6435	97	52T	37	-7.83	-6.52	-4.11	-4.42	-8.53	-5.00	-3.53
					38	-8.08	-6.71	-4.33	-4.42	-8.75	-5.00	-3.75
					40	-8.07	-6.84	-4.41	-4.42	-8.83	-5.00	-3.83
		6475	105	52T	37	-8.36	-6.64	-4.40	-4.42	-8.82	-5.00	-3.82
					38	-8.39	-6.73	-4.47	-4.42	-8.89	-5.00	-3.89
					40	-8.47	-6.34	-4.27	-4.42	-8.69	-5.00	-3.69
		6515	113	52T	37	-8.24	-6.87	-4.49	-4.42	-8.91	-5.00	-3.91
					38	-8.35	-6.81	-4.50	-4.42	-8.92	-5.00	-3.92
					40	-8.20	-6.60	-4.32	-4.42	-8.74	-5.00	-3.74
		6535	117	52T	37	-8.30	-6.08	-4.04	-4.32	-8.36	-5.00	-3.36
					38	-8.20	-6.57	-4.30	-4.32	-8.62	-5.00	-3.62
					40	-8.27	-6.52	-4.30	-4.32	-8.62	-5.00	-3.62
	UNII-7	6695	149	52T	37	-8.68	-6.65	-4.53	-4.32	-8.85	-5.00	-3.85
					38	-8.83	-6.67	-4.61	-4.32	-8.93	-5.00	-3.93
					40	-8.68	-6.55	-4.48	-4.32	-8.80	-5.00	-3.80
		6855	181	52T	37	-8.67	-6.43	-4.39	-4.32	-8.71	-5.00	-3.71
					38	-8.52	-6.67	-4.49	-4.32	-8.81	-5.00	-3.81
					40	-8.57	-7.01	-4.71	-4.32	-9.03	-5.00	-4.03
		6875	185	52T	37	-7.49	-6.02	-3.68	-4.57	-8.25	-5.00	-3.25
					38	-7.48	-6.16	-3.76	-4.57	-8.33	-5.00	-3.33
					40	-7.53	-6.31	-3.86	-4.57	-8.43	-5.00	-3.43
	UNII-8	6995	209	52T	37	-7.82	-6.46	-4.07	-4.57	-8.64	-5.00	-3.64
					38	-7.94	-6.85	-4.35	-4.57	-8.92	-5.00	-3.92
					40	-7.84	-6.49	-4.10	-4.57	-8.67	-5.00	-3.67
		7115	233	52T	37	-8.31	-6.51	-4.31	-4.57	-8.88	-5.00	-3.88
					38	-8.51	-6.71	-4.50	-4.57	-9.07	-5.00	-4.07
					40	-8.20	-5.96	-3.92	-4.57	-8.49	-5.00	-3.49

Table 5-27 OFDMA MIMO Partial 106Tone Maximum PSD e.i.r.p - VLP

Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	PSD [dBm/MHz]			Ant Gain [dBi]	PSD e.i.r.p [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	106T	53	-9.29	-7.88	-5.52	-4.23	-9.75	-5.00	-4.75
					54	-9.12	-7.72	-5.36	-4.23	-9.59	-5.00	-4.59
		5955	1	106T	53	-8.42	-7.84	-5.11	-4.23	-9.34	-5.00	-4.34
					54	-8.66	-7.75	-5.17	-4.23	-9.40	-5.00	-4.40
		6175	45	106T	53	-7.63	-7.75	-4.68	-4.23	-8.91	-5.00	-3.91
					54	-7.48	-7.85	-4.65	-4.23	-8.88	-5.00	-3.88
		6415	93	106T	53	-6.88	-7.22	-4.04	-4.23	-8.27	-5.00	-3.27
					54	-6.92	-7.46	-4.17	-4.23	-8.40	-5.00	-3.40
	UNII-6	6435	97	106T	53	-7.13	-7.74	-4.42	-4.42	-8.84	-5.00	-3.84
					54	-7.47	-7.70	-4.57	-4.42	-8.99	-5.00	-3.99
		6475	105	106T	53	-7.29	-7.73	-4.49	-4.42	-8.91	-5.00	-3.91
					54	-7.27	-7.68	-4.46	-4.42	-8.88	-5.00	-3.88
		6515	113	106T	53	-7.14	-7.72	-4.41	-4.42	-8.83	-5.00	-3.83
					54	-7.33	-7.90	-4.60	-4.42	-9.02	-5.00	-4.02
	UNII-7	6535	117	106T	53	-7.44	-7.85	-4.63	-4.32	-8.95	-5.00	-3.95
					54	-7.59	-7.85	-4.71	-4.32	-9.03	-5.00	-4.03
		6695	149	106T	53	-7.57	-6.94	-4.23	-4.32	-8.55	-5.00	-3.55
					54	-7.66	-7.01	-4.32	-4.32	-8.64	-5.00	-3.64
		6855	181	106T	53	-6.62	-6.76	-3.68	-4.32	-8.00	-5.00	-3.00
					54	-6.19	-7.04	-3.59	-4.32	-7.91	-5.00	-2.91
	UNII-8	6875	185	106T	53	-6.08	-6.57	-3.30	-4.57	-7.87	-5.00	-2.87
					54	-6.19	-6.87	-3.50	-4.57	-8.07	-5.00	-3.07
		6995	209	106T	53	-6.88	-7.30	-4.07	-4.57	-8.64	-5.00	-3.64
					54	-7.14	-7.23	-4.17	-4.57	-8.74	-5.00	-3.74
		7115	233	106T	53	-6.84	-7.32	-4.06	-4.57	-8.63	-5.00	-3.63
					54	-6.83	-6.58	-3.69	-4.57	-8.26	-5.00	-3.26

Table 5-28 OFDMA MIMO Full Tone Maximum PSD e.i.r.p - SP

Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	PSD [dBm/MHz]			Ant Gain [dBi]	PSD e.i.r.p [dBm/MHz]	Limit [dBm]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	242T	61	-8.81	-9.23	-6.00	-4.23	-10.23	17.00	-27.23
		5955	1		61	5.14	4.42	7.80	-4.23	3.57	17.00	-13.43
		6175	45		61	4.56	4.20	7.39	-4.23	3.16	17.00	-13.84
		6415	93		61	4.71	3.79	7.28	-4.23	3.05	17.00	-13.95
	UNII-7	6535	117	242T	61	4.58	3.99	7.31	-4.32	2.99	17.00	-14.01
		6695	149		61	4.45	4.13	7.30	-4.32	2.98	17.00	-14.02
		6855	181		61	5.50	4.43	8.01	-4.32	3.69	17.00	-13.31
		6855	181		61	5.50	4.43	8.01	-4.32	3.69	17.00	-13.31
802.11ax (HE40)	UNII-5	5965	3	484T	65	2.17	1.51	4.87	-4.23	0.64	17.00	-16.36
		6165	43		65	1.52	0.97	4.27	-4.23	0.04	17.00	-16.96
		6405	91		65	1.88	1.17	4.55	-4.23	0.32	17.00	-16.68
	UNII-7	6565	123	484T	65	1.41	1.23	4.33	-4.32	0.01	17.00	-16.99
		6725	155		65	2.42	1.88	5.17	-4.32	0.85	17.00	-16.15
		6845	179		65	2.50	1.91	5.22	-4.32	0.90	17.00	-16.10
		5985	7		67	-0.64	-1.02	2.19	-4.23	-2.04	17.00	-19.04
		6145	39		67	-0.08	-1.46	2.29	-4.23	-1.94	17.00	-18.94
802.11ax (HE80)	UNII-5	6385	87	996T	67	0.05	-1.23	2.47	-4.23	-1.76	17.00	-18.76
		6625	135		67	-0.18	-0.70	2.58	-4.32	-1.74	17.00	-18.74
		6705	151		67	-1.04	-0.77	2.10	-4.32	-2.22	17.00	-19.22
	UNII-7	6785	167	996T*2	67	-0.75	-0.42	2.43	-4.32	-1.89	17.00	-18.89
		6025	15		68	-3.58	-4.23	-0.88	-4.23	-5.11	17.00	-22.11
		6185	47		68	-3.45	-3.85	-0.64	-4.23	-4.87	17.00	-21.87
		6345	79		68	-3.48	-3.74	-0.60	-4.23	-4.83	17.00	-21.83
		6665	143		68	-3.48	-3.35	-0.40	-4.32	-4.72	17.00	-21.72

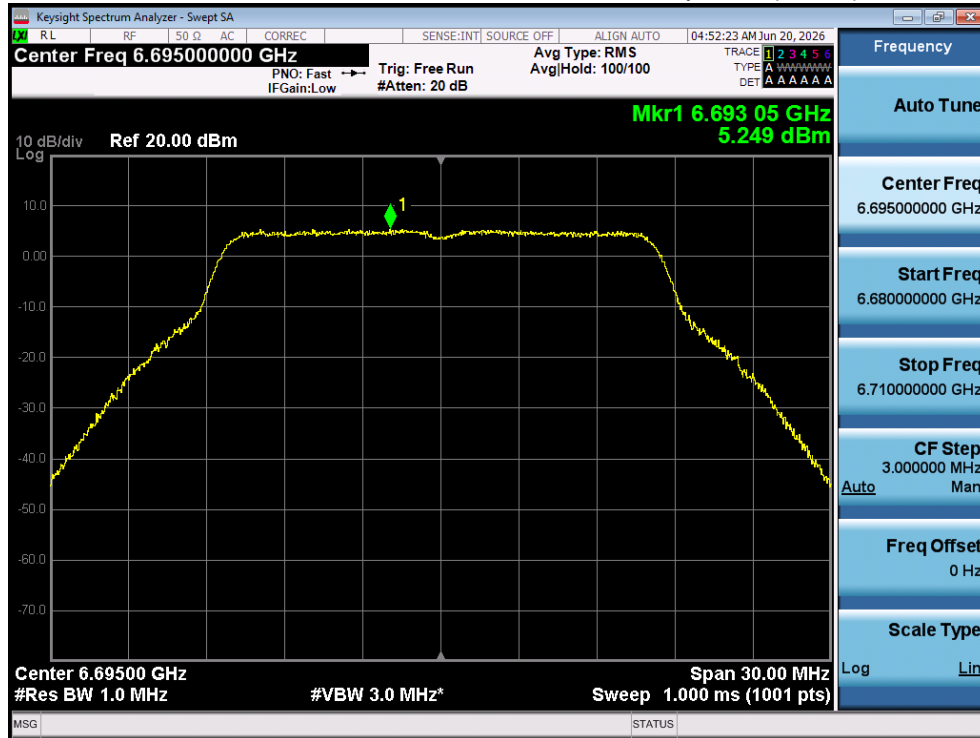
Table 5-29 OFDMA MIMO Full Tone Maximum PSD e.i.r.p - LPI

Mode	Band	freq. [MHz]	CH. [MHz]	Tone	Index	PSD [dBm/MHz]			Ant Gain [dBi]	PSD e.i.r.p [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	242T	61	-8.84	-9.36	-6.08	-4.23	-10.31	-1.00	-9.31
		5955	1		61	0.01	-0.67	2.69	-4.23	-1.54	-1.00	-0.54
		6175	45		61	-0.15	-0.59	2.64	-4.23	-1.59	-1.00	-0.59
		6415	93		61	0.15	-0.71	2.75	-4.23	-1.48	-1.00	-0.48
	UNII-6	6435	97	242T	61	-0.20	-0.69	2.57	-4.42	-1.85	-1.00	-0.85
		6475	105		61	-0.25	-0.51	2.64	-4.42	-1.78	-1.00	-0.78
		6515	113		61	0.00	-0.47	2.78	-4.42	-1.64	-1.00	-0.64
		6535	117		61	-0.07	-0.79	2.60	-4.32	-1.72	-1.00	-0.72
	UNII-7	6695	149	242T	61	-0.24	0.02	2.90	-4.32	-1.42	-1.00	-0.42
		6855	181		61	-0.42	-0.71	2.45	-4.32	-1.87	-1.00	-0.87
		6875	185		61	-0.13	-0.57	2.67	-4.57	-1.90	-1.00	-0.90
		6995	209		61	-0.07	-0.96	2.52	-4.57	-2.05	-1.00	-1.05
	UNII-8	7115	233	242T	61	-1.87	-1.66	1.25	-4.57	-3.32	-1.00	-2.32
802.11ax (HE40)	UNII-5	5965	3	484T	65	-1.40	-1.94	1.35	-4.23	-2.88	-1.00	-1.88
		6165	43		65	-1.71	-1.96	1.18	-4.23	-3.05	-1.00	-2.05
		6405	91		65	-1.77	-2.59	0.85	-4.23	-3.38	-1.00	-2.38
		6445	99		65	-1.70	-2.44	0.96	-4.42	-3.46	-1.00	-2.46
	UNII-6	6485	107	484T	65	-2.31	-2.24	0.73	-4.42	-3.69	-1.00	-2.69
		6525	115		65	-1.99	-2.14	0.95	-4.42	-3.47	-1.00	-2.47
		6565	123		65	-2.01	-2.25	0.88	-4.32	-3.44	-1.00	-2.44
		6725	155		65	-2.30	-1.74	1.00	-4.32	-3.32	-1.00	-2.32
	UNII-7	6845	179	484T	65	-2.05	-2.42	0.78	-4.32	-3.54	-1.00	-2.54
		6885	187		65	-2.06	-2.52	0.73	-4.57	-3.84	-1.00	-2.84
		7005	211		65	-2.18	-2.63	0.61	-4.57	-3.96	-1.00	-2.96
		7085	227		65	-1.86	-2.63	0.78	-4.57	-3.79	-1.00	-2.79
802.11ax (HE80)	UNII-5	5985	7	996T	67	-4.24	-4.80	-1.50	-4.23	-5.73	-1.00	-4.73
		6145	39		67	-3.84	-4.33	-1.07	-4.23	-5.30	-1.00	-4.30
		6385	87		67	-4.54	-5.16	-1.83	-4.23	-6.06	-1.00	-5.06
		6465	103		67	-4.06	-4.45	-1.24	-4.42	-5.66	-1.00	-4.66
	UNII-6	6545	119	996T	67	-4.08	-4.33	-1.19	-4.42	-5.61	-1.00	-4.61
		6625	135		67	-3.95	-4.02	-0.97	-4.32	-5.29	-1.00	-4.29
		6705	151		67	-4.64	-4.40	-1.51	-4.32	-5.83	-1.00	-4.83
		6785	167		67	-3.70	-4.31	-0.98	-4.32	-5.30	-1.00	-4.30
	UNII-7	6865	183	996T	67	-4.10	-5.06	-1.54	-4.57	-6.11	-1.00	-5.11
		6945	199		67	-4.71	-4.97	-1.83	-4.57	-6.40	-1.00	-5.40
		7025	215		67	-4.49	-4.90	-1.68	-4.57	-6.25	-1.00	-5.25
802.11ax (HE160)	UNII-5	6025	15	996T*2	68	-7.39	-7.44	-4.40	-4.23	-8.63	-1.00	-7.63
		6185	47		68	-7.37	-7.46	-4.40	-4.23	-8.63	-1.00	-7.63
		6345	79		68	-7.22	-7.62	-4.41	-4.23	-8.64	-1.00	-7.64
	UNII-6	6505	111	996T*2	68	-7.32	-8.10	-4.68	-4.42	-9.10	-1.00	-8.10
	UNII-7	6665	143	996T*2	68	-7.92	-7.71	-4.80	-4.32	-9.12	-1.00	-8.12
	UNII-8	6825	175	996T*2	68	-7.93	-7.53	-4.71	-4.57	-9.28	-1.00	-8.28
		6985	207		68	-7.20	-7.81	-4.48	-4.57	-9.05	-1.00	-8.05

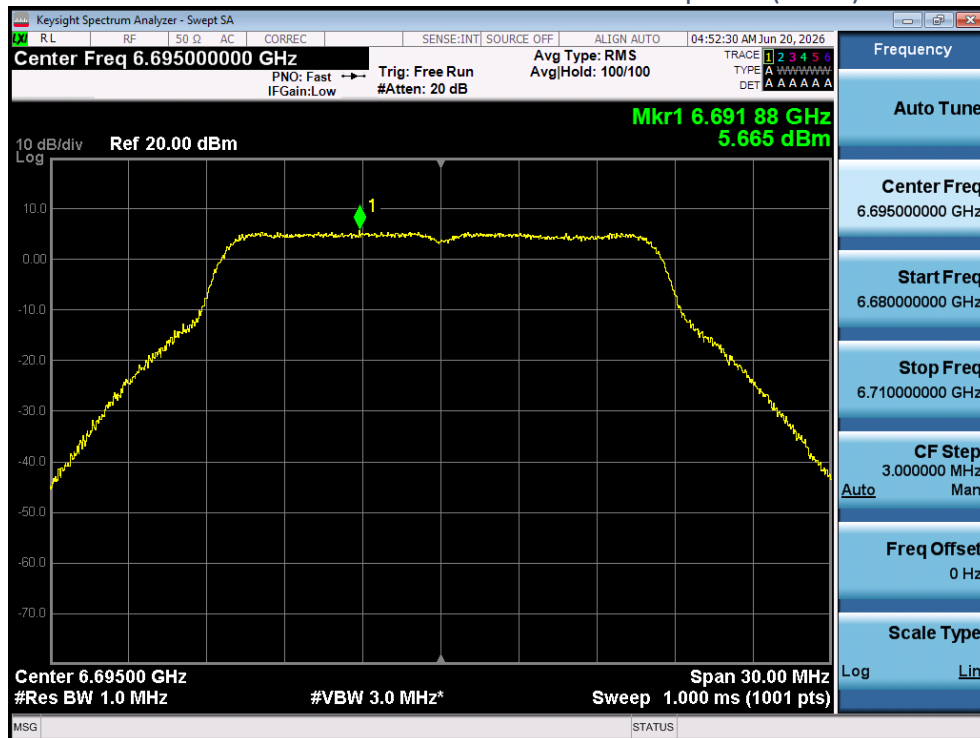
Table 5-30 OFDMA MIMO Full Tone Maximum PSD e.i.r.p - VLP

Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	PSD [dBm/MHz]			Ant Gain [dBi]	PSD e.i.r.p [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
						Ant1	Ant2	MIMO				
802.11ax (HE20)	UNII-5	5935	2	242T	61	-8.78	-9.11	-5.93	-4.23	-10.16	-5.00	-5.16
		5955	1		61	-6.52	-7.43	-3.94	-4.23	-8.17	-5.00	-3.17
		6175	45		61	-7.15	-6.87	-4.00	-4.23	-8.23	-5.00	-3.23
		6415	93		61	-6.86	-6.89	-3.87	-4.23	-8.10	-5.00	-3.10
	UNII-6	6435	97	242T	61	-6.65	-6.96	-3.79	-4.42	-8.21	-5.00	-3.21
		6475	105		61	-6.87	-6.52	-3.68	-4.42	-8.10	-5.00	-3.10
		6515	113		61	-6.78	-6.92	-3.84	-4.42	-8.26	-5.00	-3.26
	UNII-7	6535	117	242T	61	-6.98	-6.99	-3.97	-4.32	-8.29	-5.00	-3.29
		6695	149		61	-7.14	-7.17	-4.14	-4.32	-8.46	-5.00	-3.46
		6855	181		61	-7.14	-7.01	-4.07	-4.32	-8.39	-5.00	-3.39
	UNII-8	6875	185	242T	61	-6.01	-6.32	-3.15	-4.57	-7.72	-5.00	-2.72
		6995	209		61	-5.77	-6.67	-3.19	-4.57	-7.76	-5.00	-2.76
		7115	233		61	-6.43	-6.62	-3.51	-4.57	-8.08	-5.00	-3.08
802.11ax (HE40)	UNII-5	5965	3	484T	65	-10.14	-10.32	-7.22	-4.23	-11.45	-5.00	-6.45
		6165	43		65	-10.08	-9.49	-6.76	-4.23	-10.99	-5.00	-5.99
		6405	91		65	-9.47	-10.19	-6.80	-4.23	-11.03	-5.00	-6.03
	UNII-6	6445	99	484T	65	-9.32	-9.53	-6.41	-4.42	-10.83	-5.00	-5.83
		6485	107		65	-10.00	-9.77	-6.87	-4.42	-11.29	-5.00	-6.29
		6525	115		65	-9.78	-10.09	-6.92	-4.42	-11.34	-5.00	-6.34
	UNII-7	6565	123	484T	65	-9.95	-9.62	-6.77	-4.32	-11.09	-5.00	-6.09
		6725	155		65	-9.64	-9.56	-6.59	-4.32	-10.91	-5.00	-5.91
		6845	179		65	-8.95	-9.25	-6.09	-4.32	-10.41	-5.00	-5.41
	UNII-8	6885	187	484T	65	-8.57	-9.01	-5.77	-4.57	-10.34	-5.00	-5.34
		7005	211		65	-9.62	-9.96	-6.77	-4.57	-11.34	-5.00	-6.34
		7085	227		65	-8.32	-9.73	-5.96	-4.57	-10.53	-5.00	-5.53
802.11ax (HE80)	UNII-5	5985	7	996T	67	-11.93	-12.41	-9.15	-4.23	-13.38	-5.00	-8.38
		6145	39		67	-12.52	-11.55	-8.99	-4.23	-13.22	-5.00	-8.22
		6385	87		67	-12.20	-12.11	-9.15	-4.23	-13.38	-5.00	-8.38
	UNII-6	6465	103	996T	67	-11.92	-12.05	-8.97	-4.42	-13.39	-5.00	-8.39
		6545	119		67	-12.50	-11.71	-9.07	-4.42	-13.49	-5.00	-8.49
		6625	135		67	-12.09	-11.91	-8.99	-4.32	-13.31	-5.00	-8.31
	UNII-7	6705	151	996T	67	-12.56	-12.05	-9.29	-4.32	-13.61	-5.00	-8.61
		6785	167		67	-11.97	-11.98	-8.96	-4.32	-13.28	-5.00	-8.28
		6865	183		67	-11.60	-12.00	-8.79	-4.57	-13.36	-5.00	-8.36
	UNII-8	6945	199	996T	67	-11.18	-12.11	-8.61	-4.57	-13.18	-5.00	-8.18
		7025	215		67	-11.56	-11.43	-8.48	-4.57	-13.05	-5.00	-8.05
		7105	231		67	-11.18	-12.11	-8.61	-4.57	-13.18	-5.00	-8.18
802.11ax (HE160)	UNII-5	6025	15	996T*2	68	-14.58	-14.77	-11.66	-4.23	-15.89	-5.00	-10.89
		6185	47		68	-15.53	-15.08	-12.29	-4.23	-16.52	-5.00	-11.52
		6345	79		68	-15.08	-15.61	-12.33	-4.23	-16.56	-5.00	-11.56
	UNII-6	6505	111	996T*2	68	-15.11	-15.40	-12.24	-4.42	-16.66	-5.00	-11.66
	UNII-7	6665	143	996T*2	68	-15.97	-15.29	-12.60	-4.32	-16.92	-5.00	-11.92
	UNII-8	6825	175	996T*2	68	-15.06	-14.88	-11.96	-4.57	-16.53	-5.00	-11.53
		6985	207		68	-14.45	-15.25	-11.82	-4.57	-16.39	-5.00	-11.39

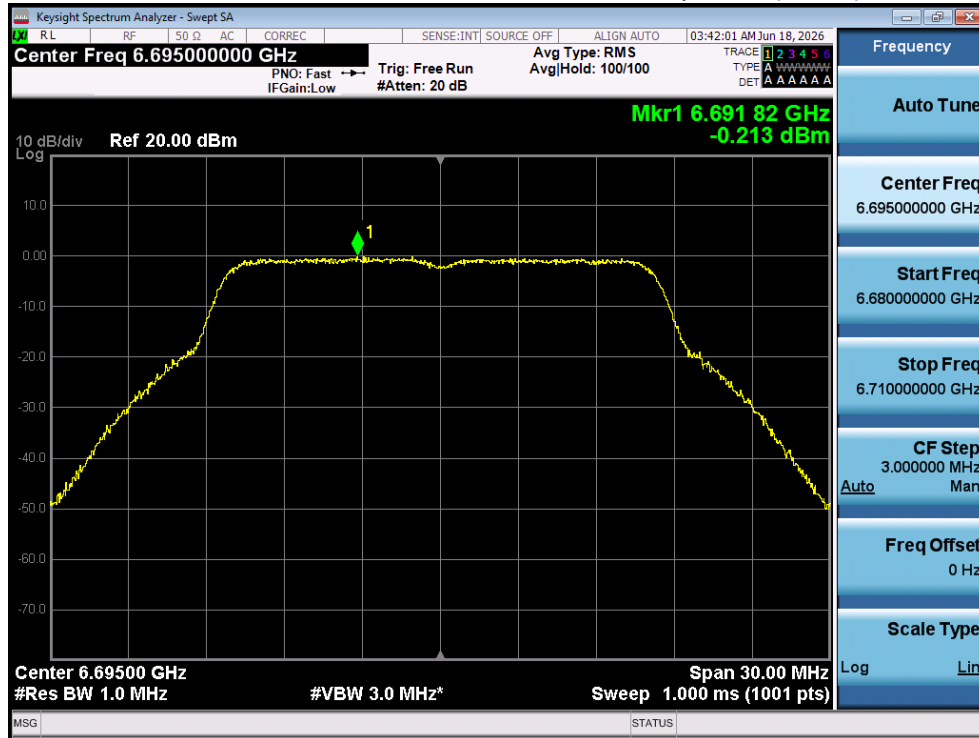
Plot 5-1 OFDM MIMO Maximum PSD e.i.r.p – SP (ANT1)



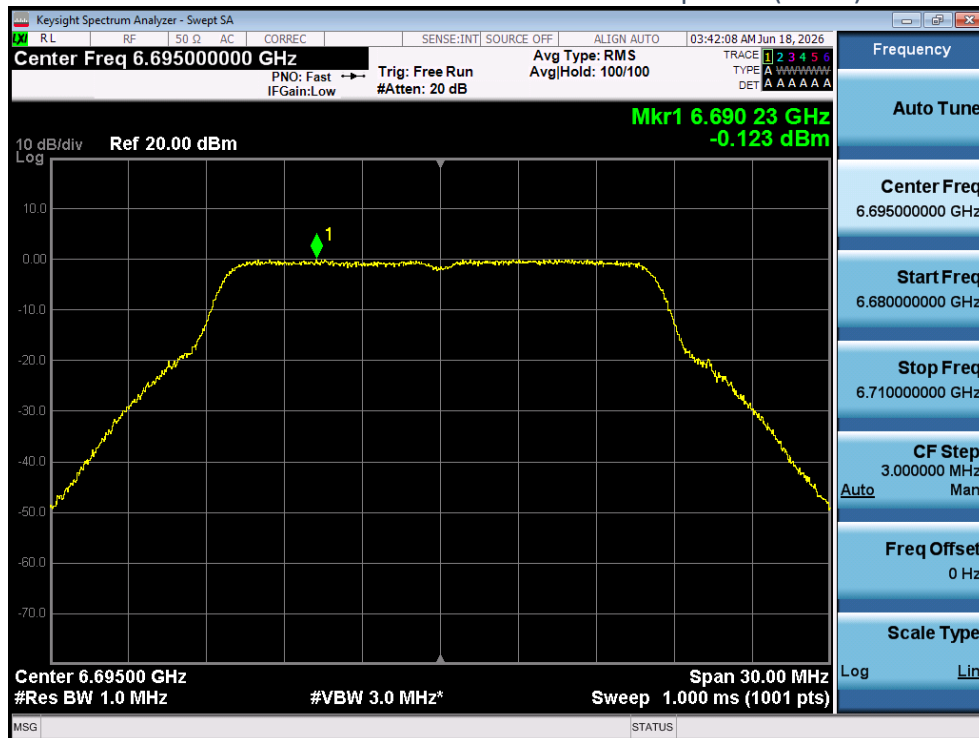
Plot 5-2 OFDM MIMO Maximum PSD e.i.r.p – SP (ANT2)



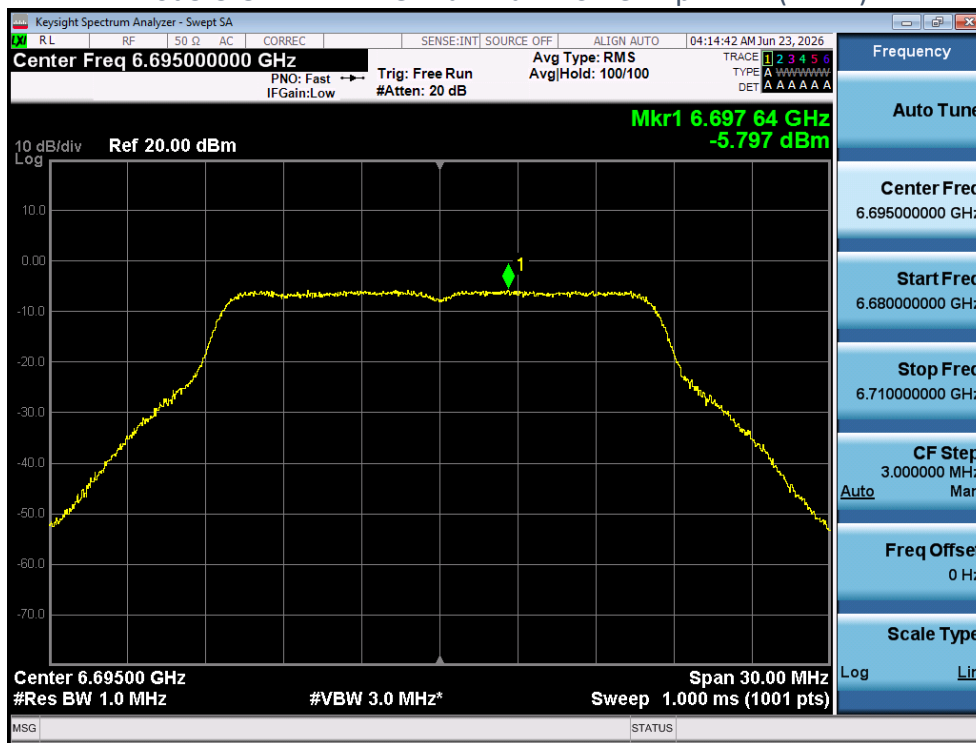
Plot 5-3 OFDM MIMO Maximum PSD e.i.r.p – LPI (ANT1)



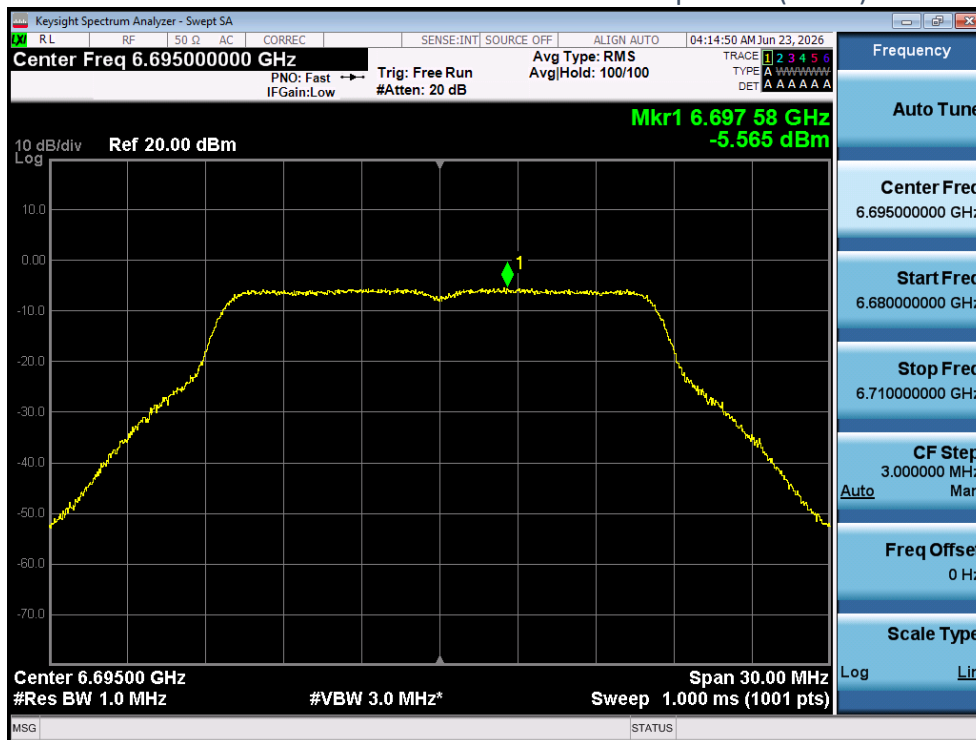
Plot 5-4 OFDM MIMO Maximum PSD e.i.r.p – LPI (ANT2)



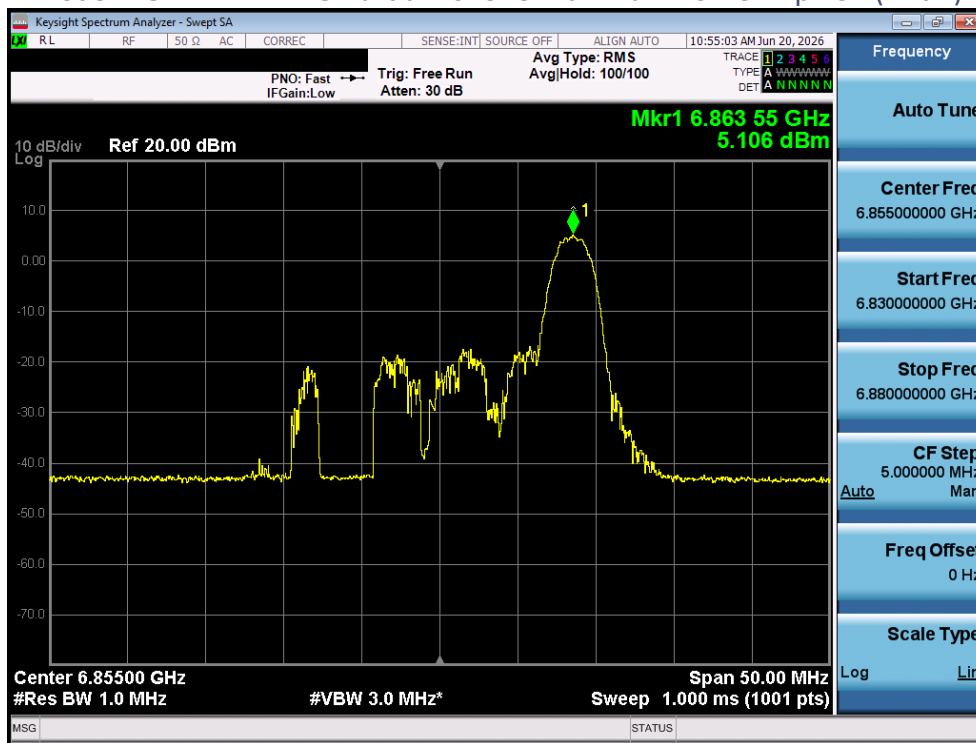
Plot 5-5 OFDM MIMO Maximum PSD e.i.r.p – VLP (ANT1)



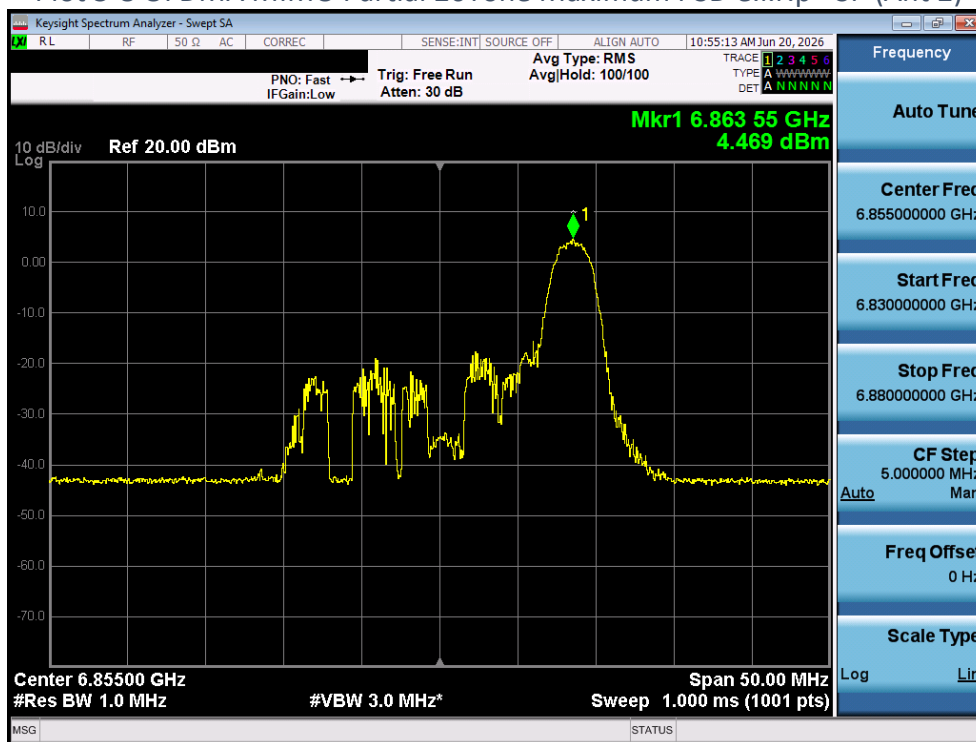
Plot 5-6 OFDM MIMO Maximum PSD e.i.r.p – VLP (ANT2)



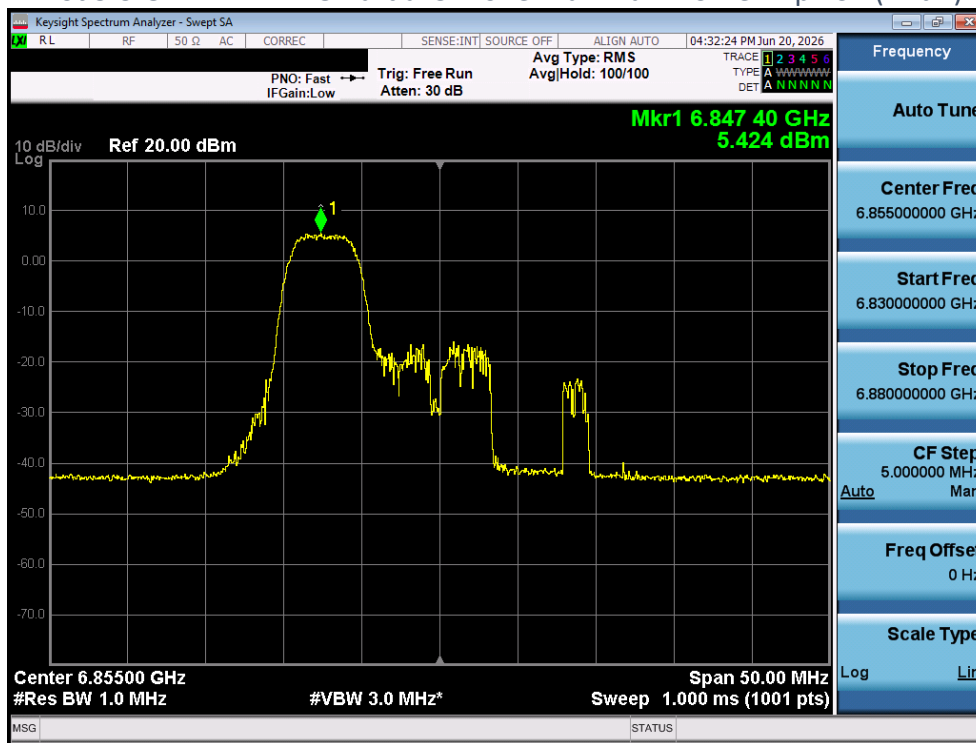
Plot 5-7 OFDMA MIMO Partial 26Tone Maximum PSD e.i.r.p - SP (Ant 1)



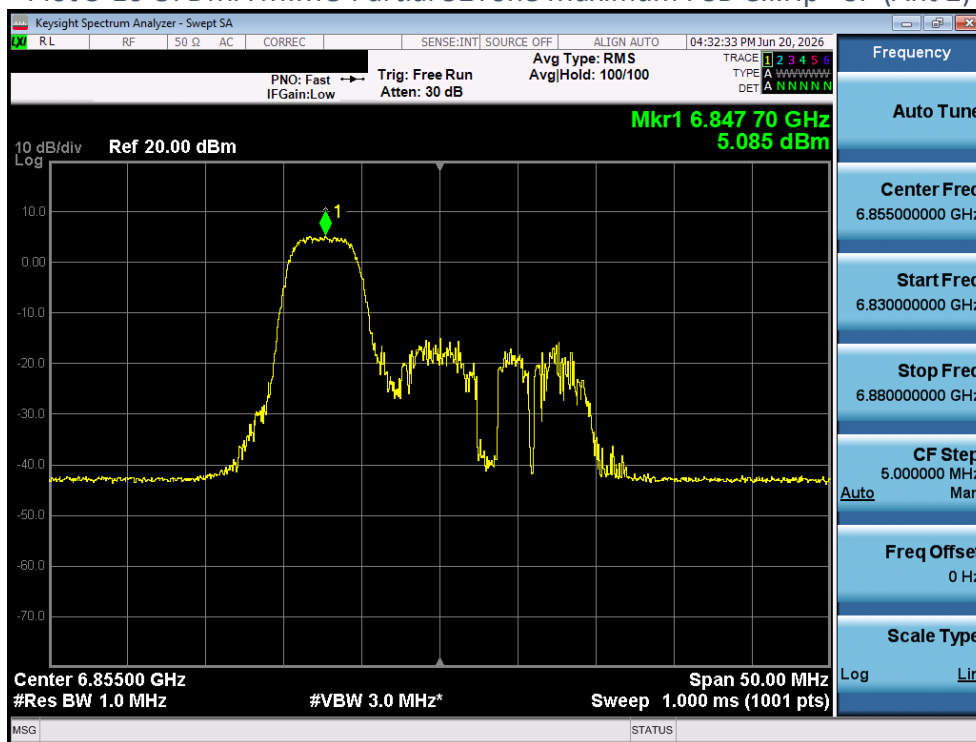
Plot 5-8 OFDMA MIMO Partial 26Tone Maximum PSD e.i.r.p - SP (Ant 2)



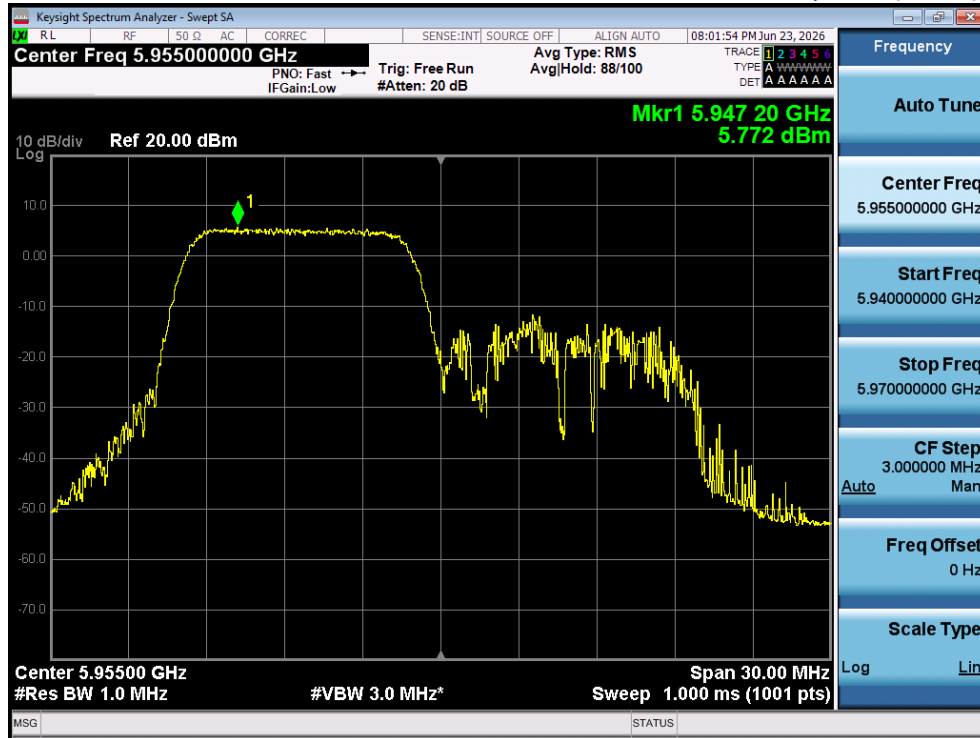
Plot 5-9 OFDMA MIMO Partial 52Tone Maximum PSD e.i.r.p - SP (Ant 1)



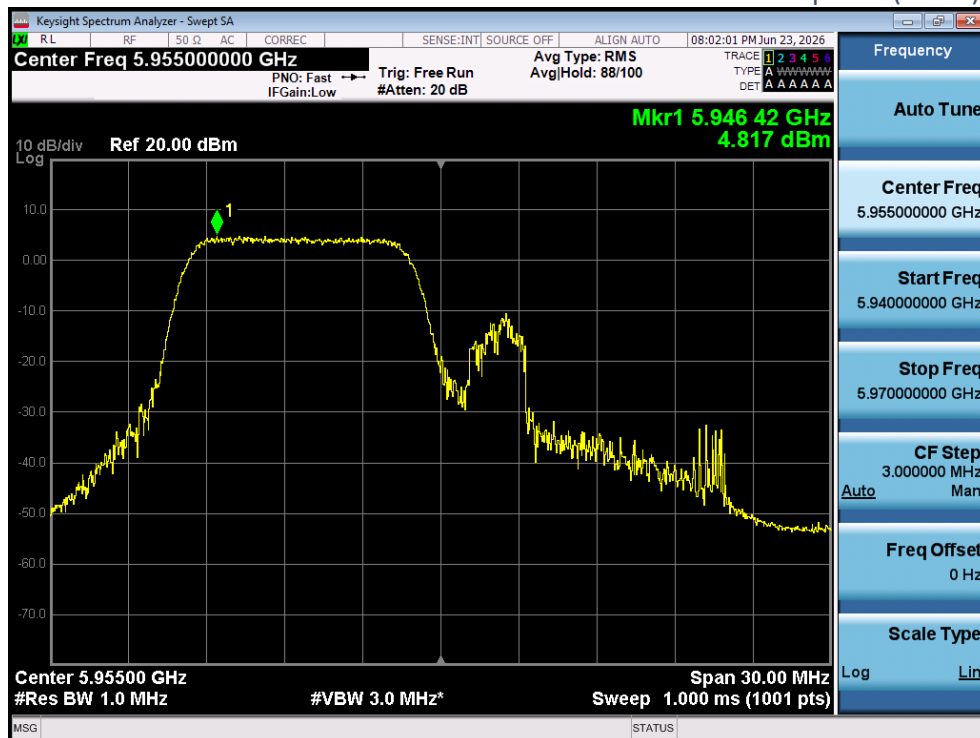
Plot 5-10 OFDMA MIMO Partial 52Tone Maximum PSD e.i.r.p - SP (Ant 2)



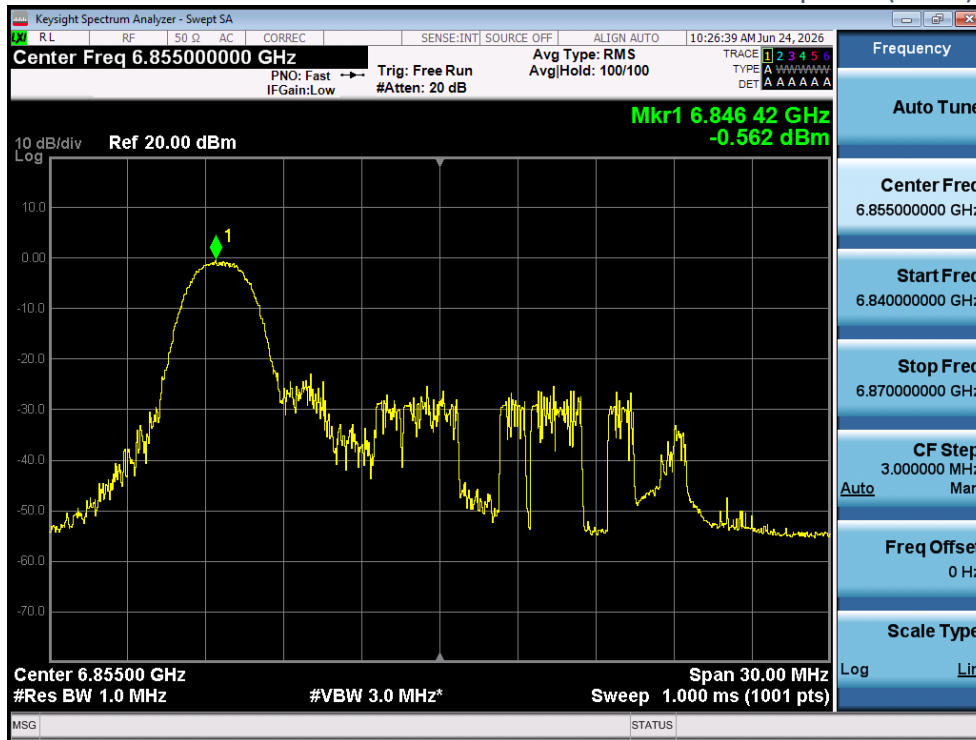
Plot 5-11 OFDMA MIMO Partial 106Tone Maximum PSD e.i.r.p - SP (Ant 1)



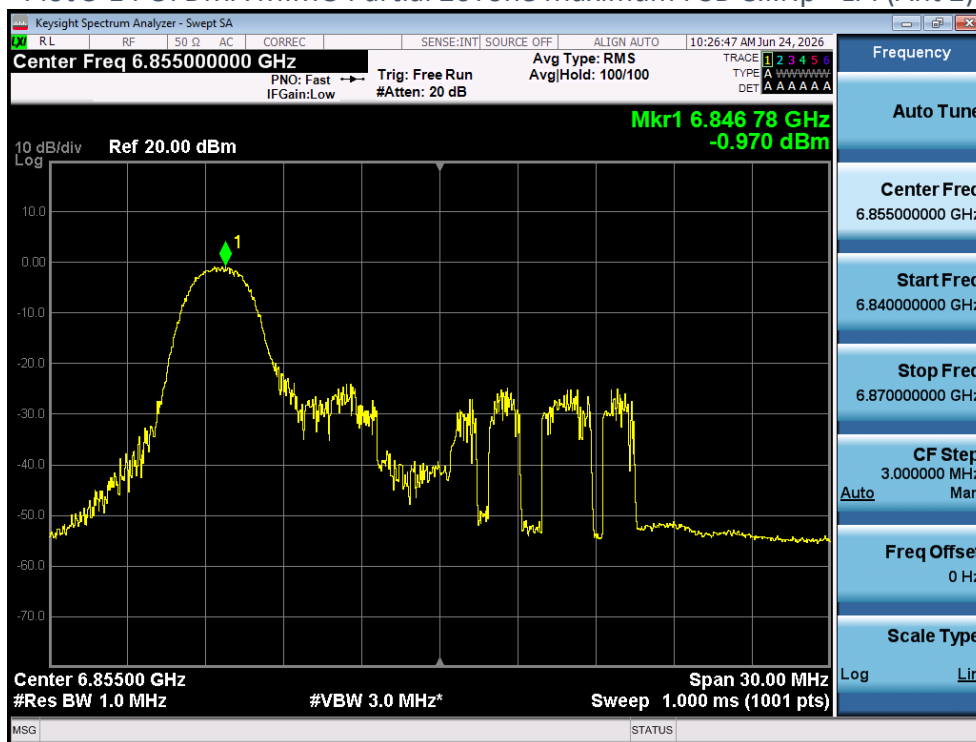
Plot 5-12 OFDMA MIMO Partial 106Tone Maximum PSD e.i.r.p - SP (Ant 2)



Plot 5-13 OFDMA MIMO Partial 26Tone Maximum PSD e.i.r.p - LPI (Ant 1)



Plot 5-14 OFDMA MIMO Partial 26Tone Maximum PSD e.i.r.p - LPI (Ant 2)

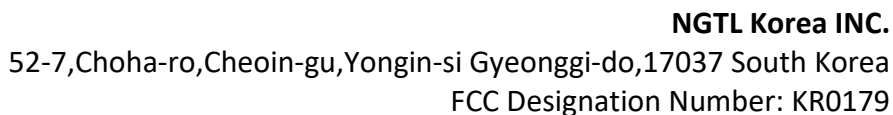


Plot 5-15 OFDMA MIMO Partial 52Tone Maximum PSD e.i.r.p - LPI (Ant 1)



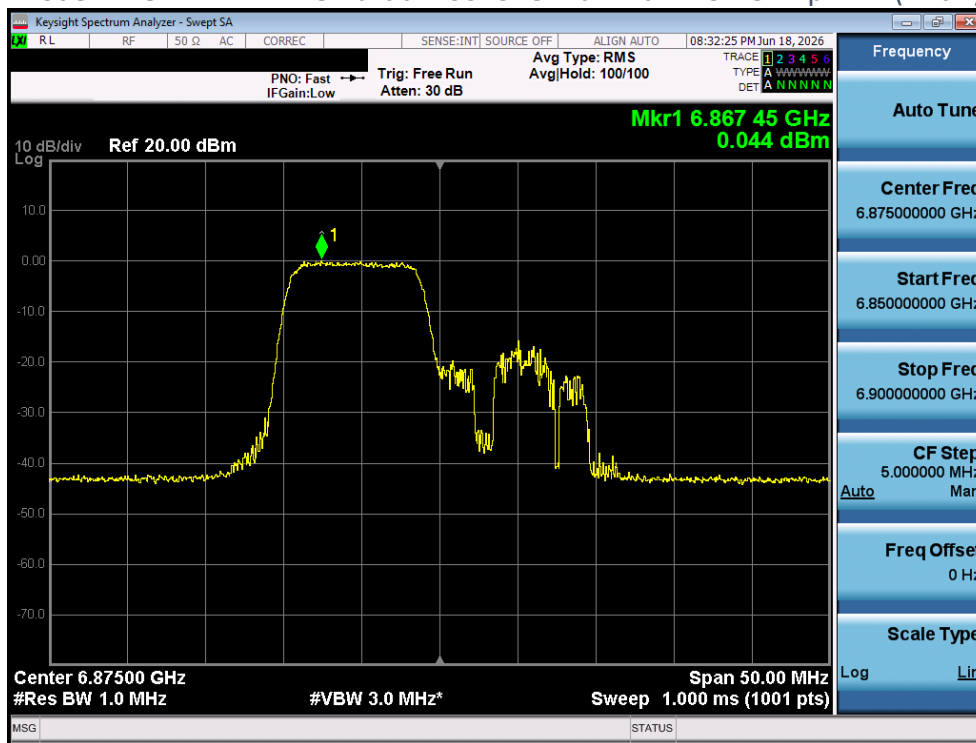
Plot 5-16 OFDMA MIMO Partial 52Tone Maximum PSD e.i.r.p - LPI (Ant 2)



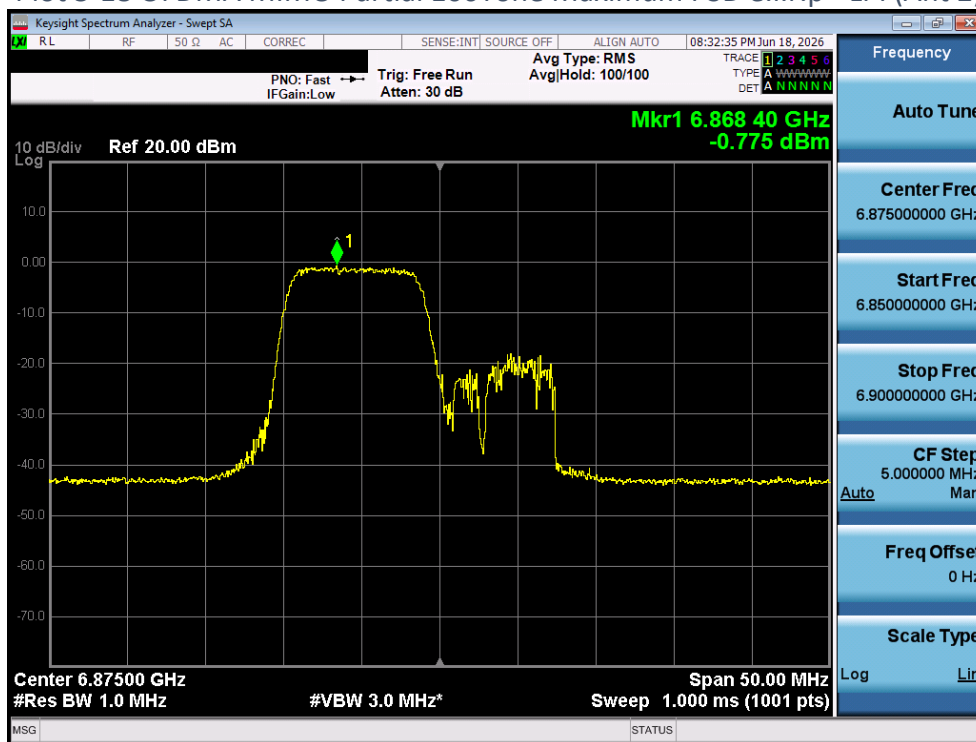


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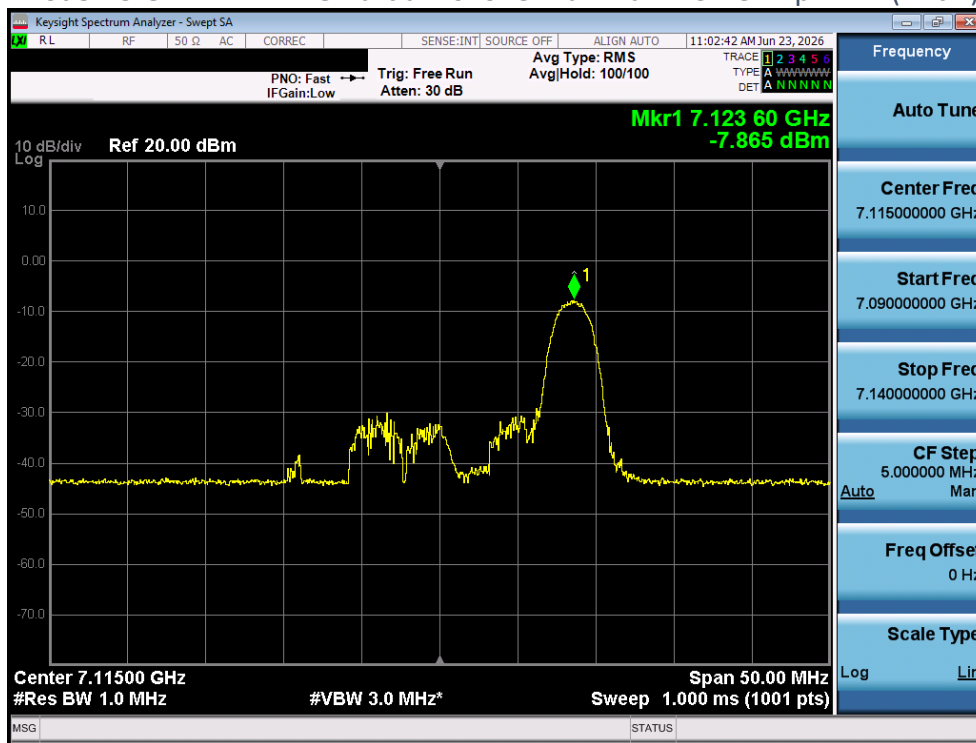
Plot 5-17 OFDMA MIMO Partial 106Tone Maximum PSD e.i.r.p - LPI (Ant 1)



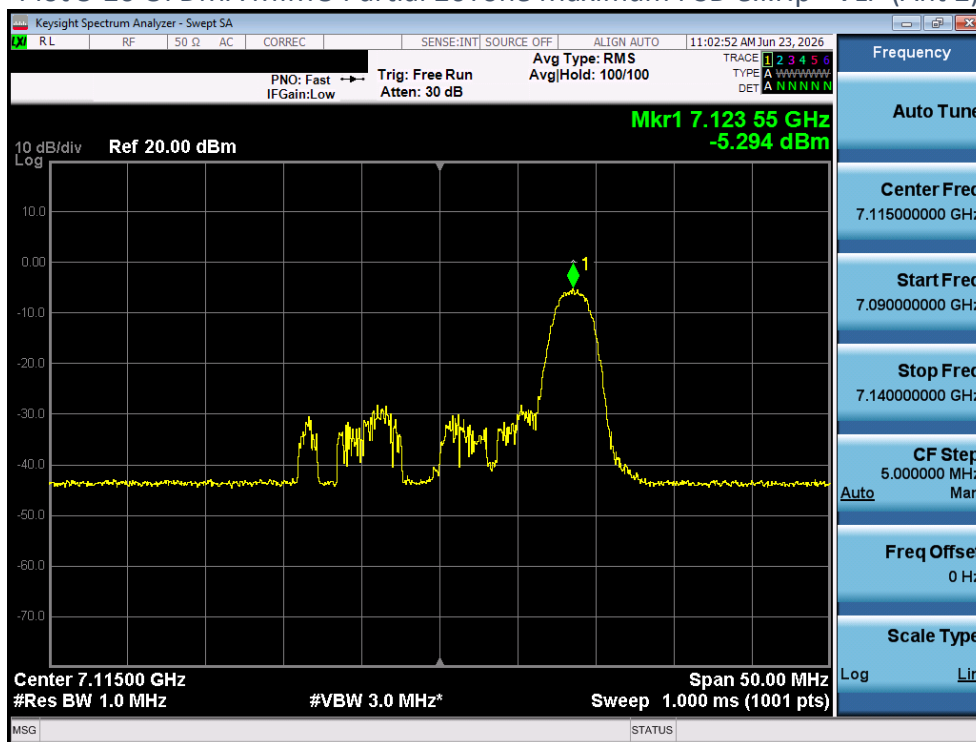
Plot 5-18 OFDMA MIMO Partial 106Tone Maximum PSD e.i.r.p - LPI (Ant 2)



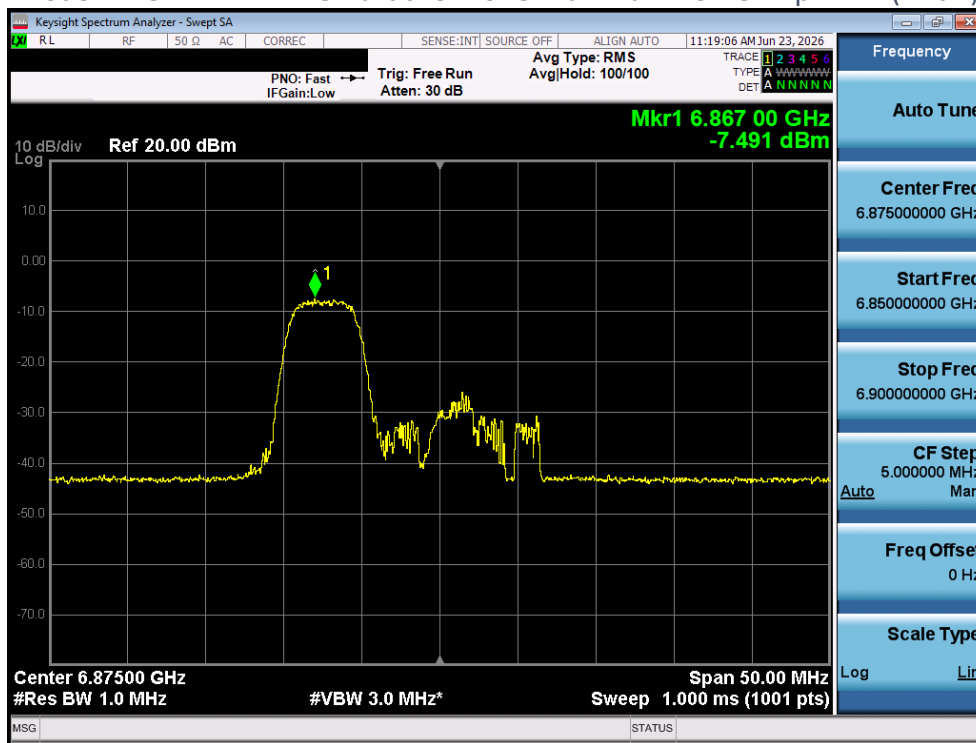
Plot 5-19 OFDMA MIMO Partial 26Tone Maximum PSD e.i.r.p - VLP (Ant 1)



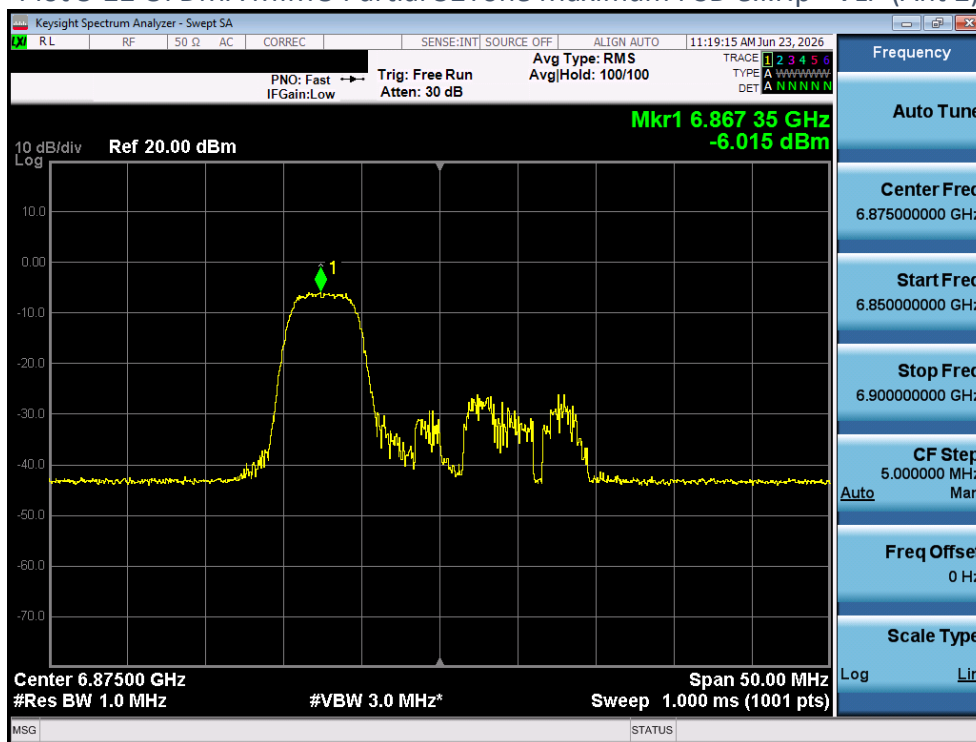
Plot 5-20 OFDMA MIMO Partial 26Tone Maximum PSD e.i.r.p - VLP (Ant 2)



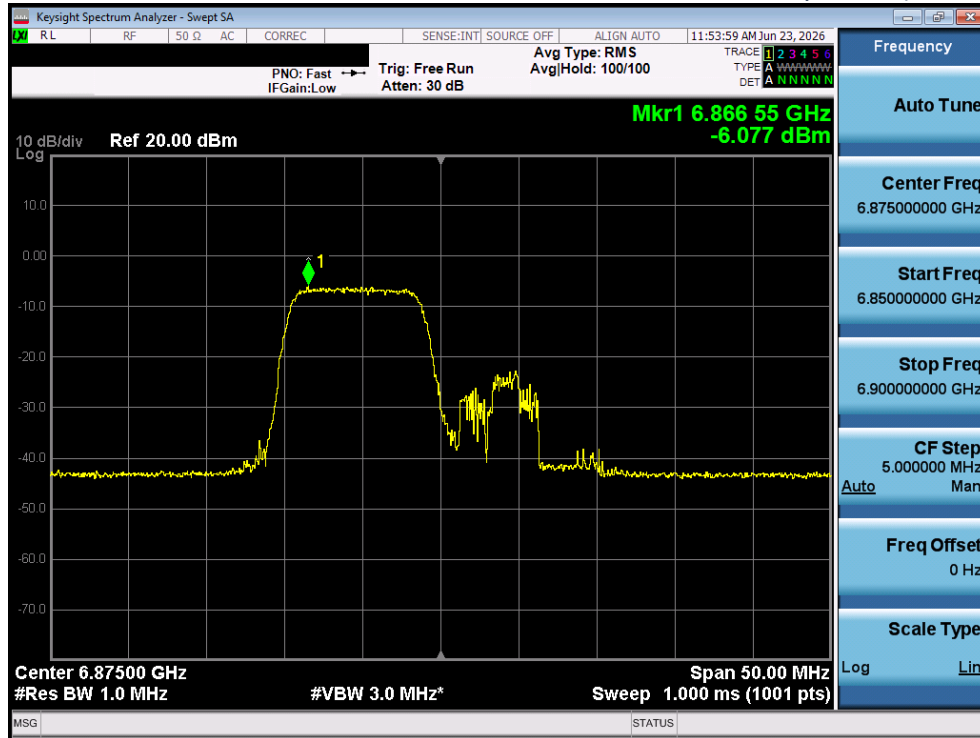
Plot 5-21 OFDMA MIMO Partial 52Tone Maximum PSD e.i.r.p - VLP (Ant 1)



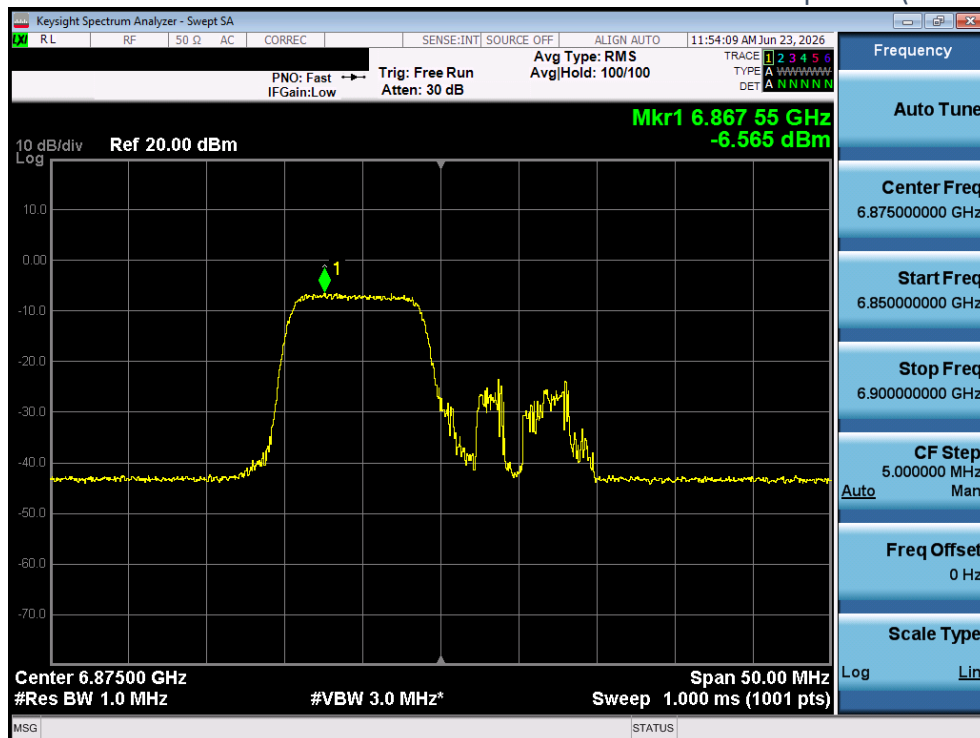
Plot 5-22 OFDMA MIMO Partial 52Tone Maximum PSD e.i.r.p - VLP (Ant 2)



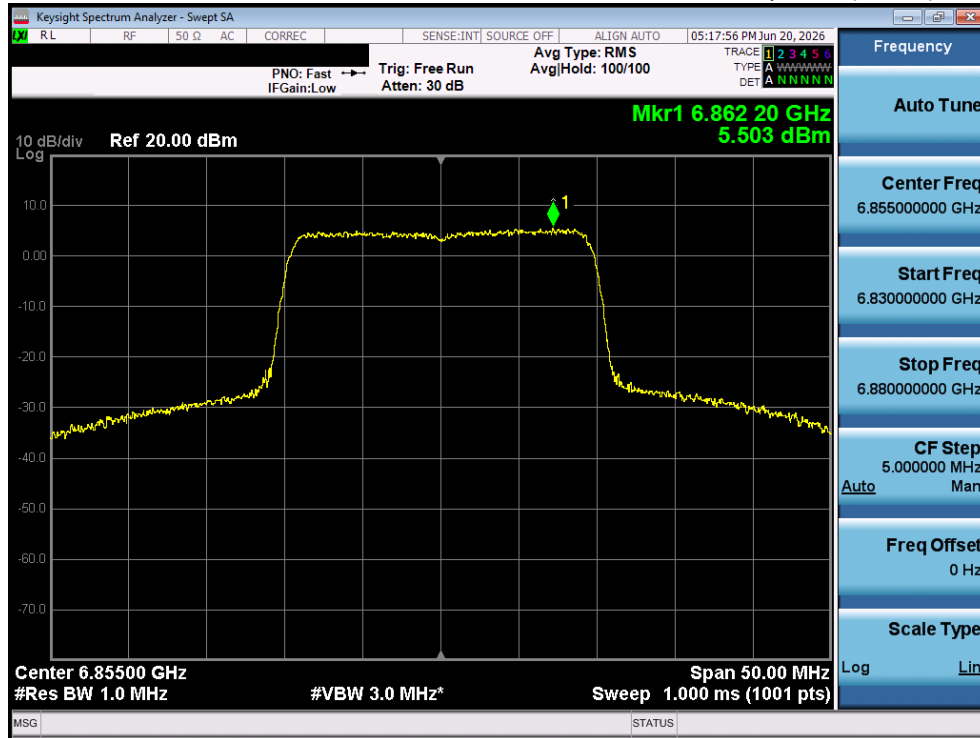
Plot 5-23 OFDMA MIMO Partial 106Tone Maximum PSD e.i.r.p - VLP (Ant 1)



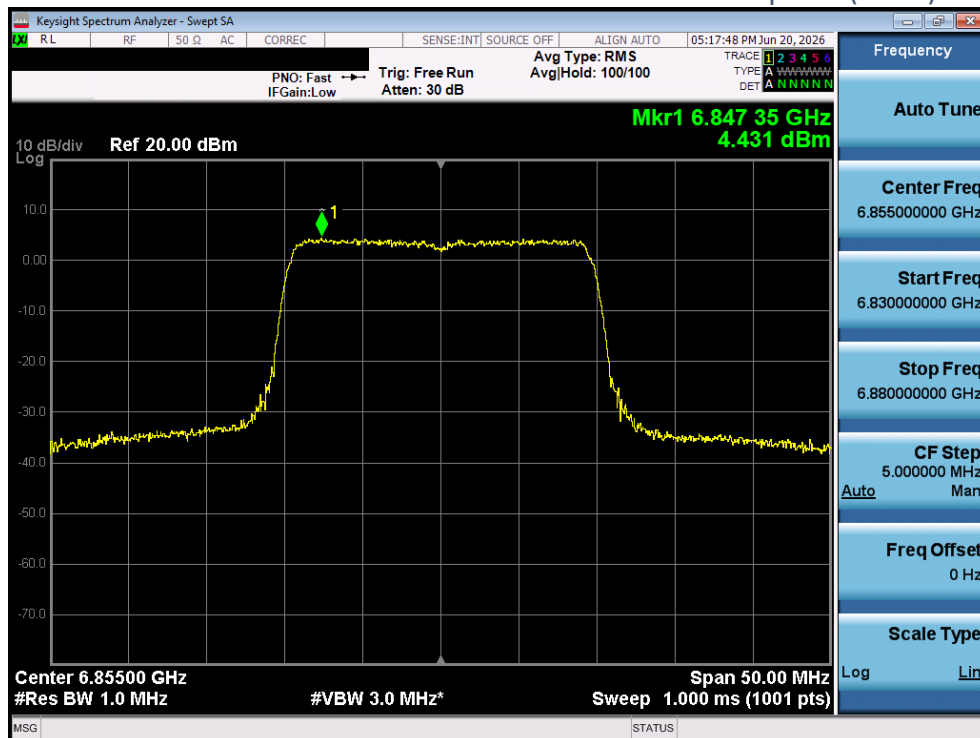
Plot 5-24 OFDMA MIMO Partial 106Tone Maximum PSD e.i.r.p - VLP (Ant 2)



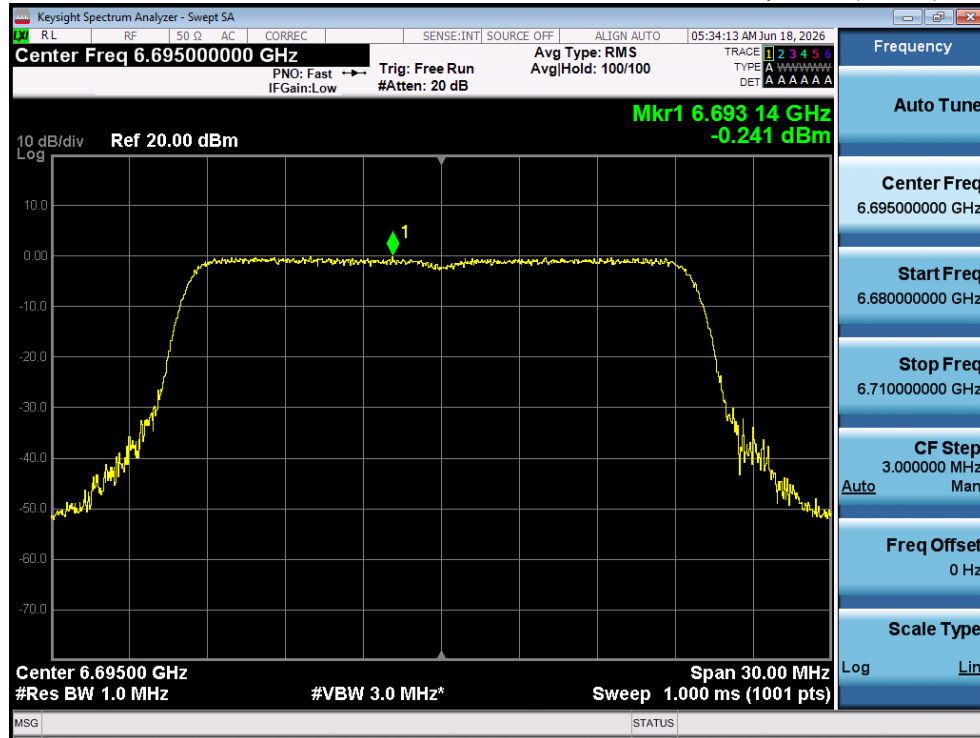
Plot 5-25 OFDMA MIMO Full Tone Maximum PSD e.i.r.p - SP (Ant 1)



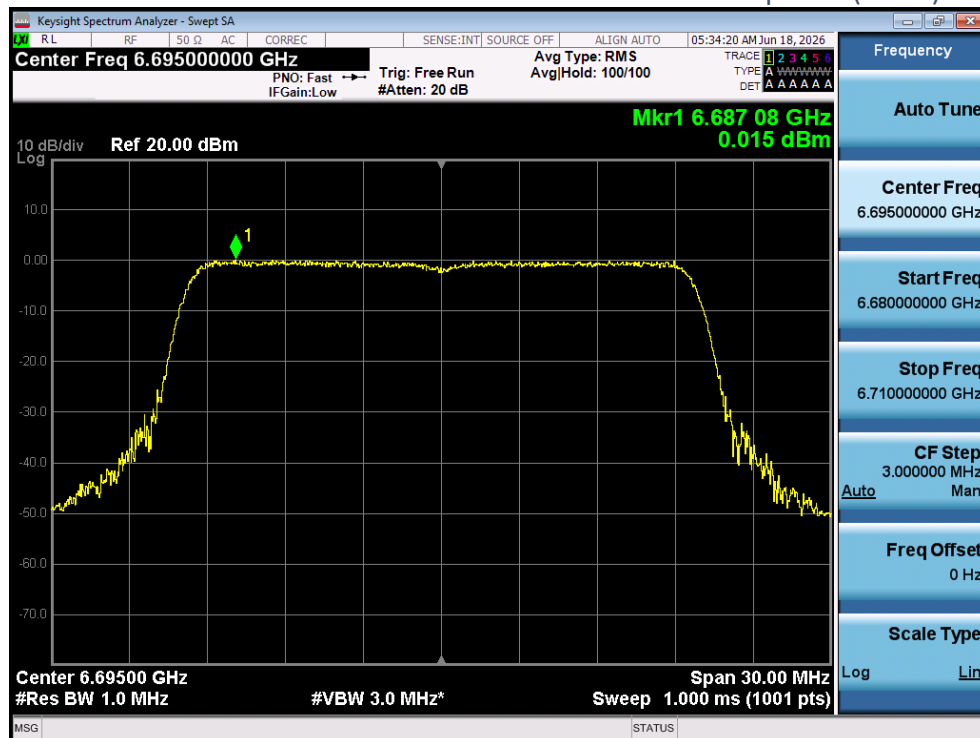
Plot 5-26 OFDMA MIMO Full Tone Maximum PSD e.i.r.p - SP (Ant 2)



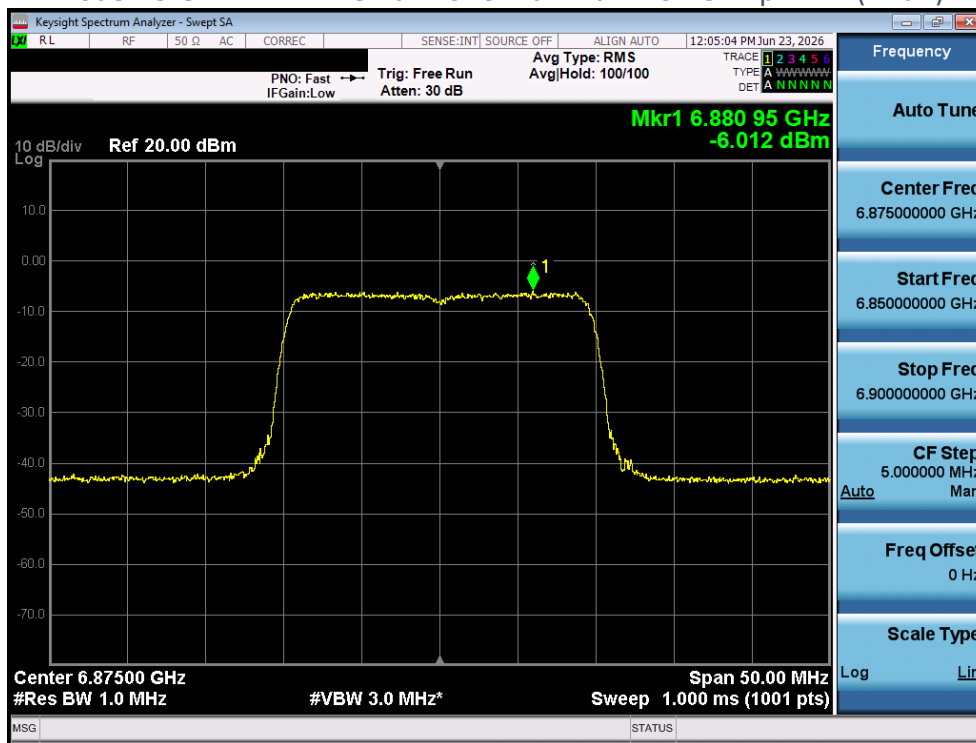
Plot 5-27 OFDMA MIMO Full Tone Maximum PSD e.i.r.p - LPI (Ant 1)



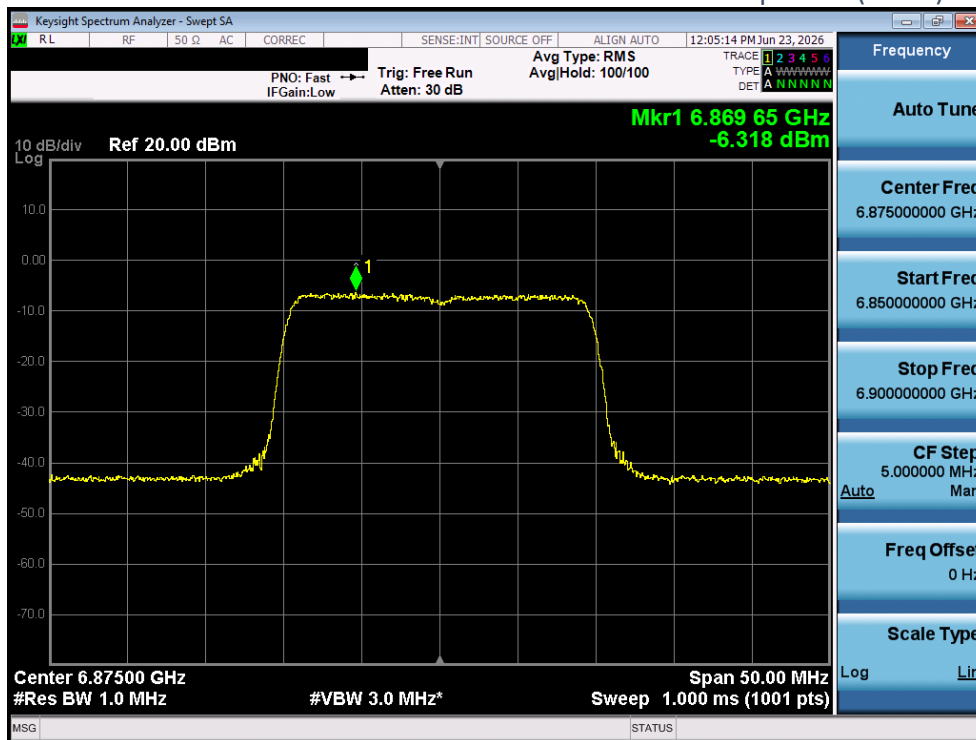
Plot 5-28 OFDMA MIMO Full Tone Maximum PSD e.i.r.p - LPI (Ant 2)



Plot 5-29 OFDMA MIMO Full Tone Maximum PSD e.i.r.p - VLP (Ant 1)



Plot 5-30 OFDMA MIMO Full Tone Maximum PSD e.i.r.p - VLP (Ant 2)



5.6. Occupied & Emission Bandwidth

5.6.1. Regulatory Limit

Part. 15.407(a)(11)

The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 megahertz.

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The occupied bandwidth of an RLAN device shall not exceed 320 MHz.

5.6.2. Test Method

ANSI C63.10-2020, clause 12.5

5.6.3. Test Procedure – 26dB bandwidth

The procedure for this method is as follows:

- a) RBW = shall be in the range of 1 % ~ 5 % of the emission bandwidth
- b) VBW > RBW
- c) Detector = Peak
- d) Trace mode = Max-Hold
- e) Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the instrument. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is in the range of 1% to 5%.

5.6.4. Test Procedure – Occupied bandwidth

The procedure for this method is as follows:

- a) Set center frequency to the nominal EUT channel center frequency.
- b) SPAN = 1.5 times to 5.0 times the OBW
- c) RBW = 1% to 5% of the OBW
- d) VBW $\geq 3 \times$ RBW
- e) Detector = Peak
- f) Trace mode = Max-Hold

Test Note

- ✓ The automatic bandwidth measurement function of the spectrum analyzer was used.
- ✓ To develop the emission mask for the 5.7 In-band emissions, the channel bandwidth is defined as the 26 dB Equivalent Bandwidth measured in this section, and it is applied to calculate the mask boundaries.

5.6.5. Test Results

Table 5-31 OFDM OBW and 26dB Bandwidth - SP

Mode	Band	freq. [MHz]	CH. [No.]	26dB Bandwidth [MHz]		Occupied Bandwidth [MHz]	
				Ant1	Ant2	Ant1	Ant2
802.11a	UNII-5	5935	2	23.43	24.17	17.49	17.49
		5955	1	23.64	23.65	17.59	17.47
		6175	45	23.73	23.93	17.53	17.50
		6415	93	23.43	23.61	17.60	17.45
	UNII-7	6535	117	23.75	23.87	17.50	17.45
		6695	149	23.55	23.81	17.57	17.47
		6855	181	23.64	23.33	17.47	17.51
802.11ax (HE20)	UNII-5	5935	2	22.85	23.63	19.32	19.34
		5955	1	23.06	22.82	19.29	19.30
		6175	45	23.21	22.70	19.29	19.26
		6415	93	23.21	22.81	19.24	19.32
	UNII-7	6535	117	23.18	23.44	19.30	19.26
		6695	149	23.42	22.84	19.29	19.28
		6855	181	22.74	22.84	19.29	19.27
802.11ax (HE40)	UNII-5	5965	3	45.15	45.39	38.25	38.35
		6165	43	43.69	45.26	38.18	38.26
		6405	91	44.70	44.35	38.31	38.22
	UNII-7	6565	123	45.08	44.39	38.32	38.28
		6725	155	44.63	45.08	38.30	38.28
		6845	179	43.93	44.11	38.25	38.23
802.11ax (HE80)	UNII-5	5985	7	91.91	92.32	78.40	78.36
		6145	39	90.59	90.17	78.49	78.40
		6385	87	90.82	90.37	78.47	78.32
	UNII-7	6625	135	90.51	89.95	78.27	78.19
		6705	151	90.47	91.39	78.42	78.27
		6785	167	91.28	89.73	78.20	78.35
802.11ax (HE160)	UNII-5	6025	15	175.80	175.40	157.68	157.72
		6185	47	172.70	174.70	157.97	157.67
		6345	79	177.40	172.60	157.52	157.58
	UNII-7	6665	143	174.50	177.40	158.19	157.78

Table 5-32 OFDM OBW and 26dB Bandwidth – LPI

Mode	Band	freq. [MHz]	CH. [No.]	26dB Bandwidth [MHz]		Occupied Bandwidth [MHz]	
				Ant1	Ant2	Ant1	Ant2
802.11a	UNII-5	5935	2	23.62	23.63	17.48	17.50
		5955	1	23.37	23.67	17.64	17.45
		6175	45	23.68	23.82	17.50	17.42
		6415	93	23.62	23.84	17.55	17.46
	UNII-6	6435	97	23.85	23.51	17.47	17.46
		6475	105	24.01	23.86	17.44	17.47
		6515	113	22.88	23.63	17.59	17.56
	UNII-7	6535	117	23.33	23.20	17.59	17.58
		6695	149	23.43	23.52	17.53	17.51
		6855	181	23.91	23.08	17.49	17.62
	UNII-8	6875	185	23.49	23.79	17.41	17.48
		6995	209	24.01	23.99	17.43	17.52
		7115	233	24.16	23.63	17.54	17.51
802.11ax (HE20)	UNII-5	5935	2	23.28	23.39	19.27	19.30
		5955	1	22.70	23.23	19.32	19.31
		6175	45	23.17	23.05	19.26	19.29
		6415	93	23.13	23.01	19.24	19.34
	UNII-6	6435	97	22.82	22.64	19.22	19.37
		6475	105	22.71	22.97	19.25	19.30
		6515	113	23.35	23.73	19.24	19.26
	UNII-7	6535	117	23.12	23.29	19.32	19.30
		6695	149	22.99	22.94	19.24	19.25
		6855	181	22.75	22.60	19.33	19.24
	UNII-8	6875	185	23.32	22.88	19.29	19.28
		6995	209	23.65	23.08	19.24	19.26
		7115	233	22.61	22.83	19.22	19.25
802.11ax (HE40)	UNII-5	5965	3	44.11	43.97	38.30	38.29
		6165	43	44.76	44.44	38.38	38.25
		6405	91	44.91	44.67	38.21	38.26
	UNII-6	6445	99	44.55	44.00	38.25	38.32
		6485	107	44.69	44.09	38.30	38.27
		6525	115	44.21	45.63	38.29	38.24
	UNII-7	6565	123	43.78	44.01	38.23	38.34
		6725	155	44.61	45.33	38.19	38.39
		6845	179	44.97	45.76	38.22	38.26
	UNII-8	6885	187	44.43	44.85	38.14	38.26
		7005	211	44.03	44.63	38.18	38.27
		7085	227	46.13	45.79	38.32	38.19
802.11ax (HE80)	UNII-5	5985	7	89.06	91.32	78.25	78.25
		6145	39	92.31	90.02	78.34	78.17
		6385	87	93.67	88.57	78.40	78.28
	UNII-6	6465	103	91.93	90.87	78.40	78.47
		6545	119	90.56	91.36	78.31	78.27
	UNII-7	6625	135	91.51	90.77	78.46	78.35
		6705	151	90.03	92.52	78.32	78.37
		6785	167	93.27	89.62	78.47	78.49
	UNII-8	6865	183	90.98	91.70	78.33	78.37
		6945	199	91.91	91.52	78.27	78.28
		7025	215	89.18	90.24	78.38	78.30
802.11ax (HE160)	UNII-5	6025	15	177.60	177.50	158.06	158.04
		6185	47	174.50	175.70	157.57	157.71
		6345	79	175.80	175.40	157.69	158.15
	UNII-6	6505	111	177.40	172.90	157.61	157.90
	UNII-7	6665	143	174.00	177.10	157.83	157.73
	UNII-8	6825	175	176.10	177.70	157.84	158.01
		6985	207	174.00	176.50	157.72	157.65

Table 5-33 OFDM OBW and 26dB Bandwidth – VLP

Mode	Band	freq. [MHz]	CH. [No.]	26dB Bandwidth [MHz]		Occupied Bandwidth [MHz]	
				Ant1	Ant2	Ant1	Ant2
802.11a	UNII-5	5935	2	23.89	23.86	17.51	17.57
		5955	1	24.13	23.43	17.54	17.49
		6175	45	23.07	23.87	17.60	17.53
		6415	93	23.87	23.28	17.58	17.66
	UNII-6	6435	97	23.53	23.99	17.60	17.47
		6475	105	23.81	23.64	17.48	17.51
		6515	113	23.79	23.65	17.48	17.57
	UNII-7	6535	117	23.63	23.74	17.53	17.59
		6695	149	23.25	24.15	17.46	17.56
		6855	181	23.81	24.18	17.51	17.57
	UNII-8	6875	185	24.26	23.54	17.59	17.54
		6995	209	23.63	23.82	17.53	17.63
		7115	233	23.69	23.93	17.43	17.47
802.11ax (HE20)	UNII-5	5935	2	23.64	23.31	19.36	19.34
		5955	1	23.43	22.91	19.39	19.28
		6175	45	23.25	23.27	19.27	19.27
		6415	93	23.34	23.22	19.25	19.31
	UNII-6	6435	97	23.21	22.70	19.28	19.32
		6475	105	23.83	23.48	19.33	19.91
		6515	113	23.06	23.15	19.31	19.30
	UNII-7	6535	117	23.59	23.18	19.27	19.32
		6695	149	23.27	23.28	19.27	19.28
		6855	181	23.19	23.32	19.33	19.33
	UNII-8	6875	185	22.55	22.84	19.26	19.33
		6995	209	23.04	23.26	19.35	19.23
		7115	233	23.26	22.80	19.25	19.35
802.11ax (HE40)	UNII-5	5965	3	44.33	44.49	38.21	38.22
		6165	43	45.76	45.36	38.27	38.28
		6405	91	44.14	44.81	38.28	38.29
	UNII-6	6445	99	45.94	43.91	38.22	38.19
		6485	107	44.48	45.51	38.30	38.27
		6525	115	44.52	43.94	38.39	38.27
	UNII-7	6565	123	44.20	44.46	38.19	38.26
		6725	155	44.46	44.73	38.22	38.21
		6845	179	44.00	44.32	38.25	38.23
	UNII-8	6885	187	44.39	45.01	38.27	38.32
		7005	211	44.87	44.83	38.27	38.31
		7085	227	44.84	45.57	38.17	38.23
802.11ax (HE80)	UNII-5	5985	7	91.45	90.50	78.39	78.21
		6145	39	93.06	91.56	78.45	78.38
		6385	87	90.21	91.55	78.36	78.35
	UNII-6	6465	103	91.73	92.60	78.42	78.35
		6545	119	91.95	91.05	78.62	78.27
	UNII-7	6625	135	94.09	91.37	78.46	78.42
		6705	151	91.77	91.72	78.20	78.41
		6785	167	91.27	92.26	78.53	78.47
	UNII-8	6865	183	90.34	90.60	78.21	78.40
		6945	199	90.72	91.57	78.41	78.44
		7025	215	93.20	92.41	78.38	78.27
802.11ax (HE160)	UNII-5	6025	15	180.30	175.90	157.82	157.70
		6185	47	176.60	178.50	157.86	157.96
		6345	79	178.00	176.20	157.81	157.72
	UNII-6	6505	111	176.50	177.30	157.88	157.70
	UNII-7	6665	143	181.80	179.40	158.01	157.94
	UNII-8	6825	175	177.30	176.40	157.56	157.72
		6985	207	179.90	179.00	157.56	158.02

Table 5-34 OFDMA Partial 26Tone OBW and 26dB Bandwidth - SP

Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	26dB Bandwidth [MHz]		Occupied Bandwidth [MHz]	
						Ant1	Ant2	Ant1	Ant2
802.11ax (HE20)	UNII-5	5935	2	26T	0	19.39	20.60	18.00	18.75
					4	18.65	17.63	15.75	16.82
					8	20.44	20.34	18.91	18.45
		5955	1	26T	0	16.38	20.62	15.31	17.69
					4	13.61	17.36	13.09	16.32
					8	19.28	19.78	17.94	18.35
		6175	45	26T	0	20.32	20.50	18.68	17.75
					4	18.71	17.83	16.83	16.73
					8	20.72	20.67	18.68	18.02
		6415	93	26T	0	20.43	20.20	18.57	18.62
					4	18.82	18.51	16.67	16.27
					8	20.90	19.97	18.16	18.12
	UNII-7	6535	117	26T	0	20.89	20.86	18.54	18.03
					4	18.04	18.02	17.05	16.12
					8	19.82	20.90	18.40	18.50
		6695	149	26T	0	20.62	20.65	18.72	18.69
					4	18.35	18.27	15.92	16.88
					8	20.32	20.64	18.57	18.51
		6855	181	26T	0	20.47	20.26	16.51	18.67
					4	18.57	18.30	15.38	17.05
					8	20.82	20.54	18.35	18.05

Table 5-35 OFDMA Full Tone OBW and 26dB Bandwidth - SP

Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	26dB Bandwidth [MHz]		Occupied Bandwidth [MHz]	
						Ant1	Ant2	Ant1	Ant2
802.11ax (HE20)	UNII-5	5935	2	242T	61	22.69	22.63	19.29	19.46
		5955	1		61	22.25	22.51	19.27	19.25
		6175	45		61	22.44	22.67	19.20	19.25
		6415	93		61	22.79	22.40	19.22	19.22
	UNII-7	6535	117	242T	61	22.90	22.88	19.24	19.21
		6695	149		61	22.58	22.73	19.17	19.29
		6855	181		61	22.86	22.55	19.21	19.28
802.11ax (HE40)	UNII-5	5965	3	484T	65	45.99	45.93	38.25	38.28
		6165	43		65	45.66	45.15	38.17	38.16
		6405	91		65	45.40	45.41	38.21	38.32
	UNII-7	6565	123	484T	65	44.58	43.85	38.25	38.29
		6725	155		65	44.83	44.63	38.19	38.24
		6845	179		65	45.80	45.40	38.16	38.20
802.11ax (HE80)	UNII-5	5985	7	996T	67	89.31	91.16	78.07	78.25
		6145	39		67	90.17	88.51	78.14	78.18
		6385	87		67	89.33	89.70	78.11	78.10
	UNII-7	6625	135	996T	67	91.41	91.14	78.21	78.38
		6705	151		67	89.15	90.07	78.13	78.22
		6785	167		67	89.41	89.53	78.26	78.27
802.11ax (HE160)	UNII-5	6025	15	996T*2	68	175.70	174.70	157.72	157.55
		6185	47		68	175.80	176.40	157.48	157.64
		6345	79		68	175.90	178.10	157.55	157.64
	UNII-7	6665	143	996T*2	68	176.70	175.20	157.70	157.95

Table 5-36 OFDMA Partial 26Tone OBW and 26dB Bandwidth - LPI

Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	26dB Bandwidth [MHz]		Occupied Bandwidth [MHz]	
						Ant1	Ant2	Ant1	Ant2
802.11ax (HE20)	UNII-5	5935	2	26T	0	19.61	20.69	18.47	18.81
					4	18.76	17.36	16.95	16.11
					8	20.16	20.34	18.39	18.85
		5955	1	26T	0	20.41	20.57	18.88	18.76
					4	17.79	18.63	16.76	16.65
					8	20.75	20.76	15.32	18.05
		6175	45	26T	0	19.00	20.61	17.70	18.57
					4	18.89	18.89	17.03	17.11
					8	20.77	20.04	18.69	18.21
		6415	93	26T	0	20.45	20.75	18.66	18.08
					4	18.65	18.11	17.16	15.98
					8	20.97	19.47	18.16	18.36
	UNII-6	6435	97	26T	0	19.74	20.60	18.52	18.76
					4	17.45	18.73	15.45	16.58
					8	19.59	20.44	18.06	18.80
		6475	105	26T	0	20.73	20.21	18.08	18.68
					4	17.52	17.49	16.17	15.74
					8	20.51	20.89	18.69	18.84
		6515	113	26T	0	20.88	20.52	18.54	18.26
					4	17.57	18.00	15.46	16.73
					8	20.46	20.98	18.76	18.57
	UNII-7	6535	117	26T	0	20.05	20.55	17.94	18.64
					4	18.55	18.76	16.95	17.09
					8	19.94	20.96	18.57	18.88
		6695	149	26T	0	19.97	19.95	18.29	18.52
					4	18.70	18.75	15.72	17.03
					8	20.52	20.37	18.71	18.70
		6855	181	26T	0	20.91	20.52	18.37	18.33
					4	16.65	18.96	15.87	14.27
					8	20.87	20.50	17.64	18.73
	UNII-8	6875	185	26T	0	20.39	20.47	18.64	18.70
					4	18.13	18.84	16.25	16.96
					8	19.68	20.53	18.26	17.94
		6995	209	26T	0	20.54	21.10	17.35	18.73
					4	15.46	18.77	14.84	16.84
					8	20.71	20.54	18.43	18.73
		7115	233	26T	0	20.75	20.36	18.29	17.65
					4	16.44	17.56	15.75	16.73
					8	20.40	20.82	17.86	18.65

Table 5-37 OFDMA Full Tone OBW and 26dB Bandwidth - LPI

Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	26dB Bandwidth [MHz]		Occupied Bandwidth [MHz]	
						Ant1	Ant2	Ant1	Ant2
802.11ax (HE20)	UNII-5	5935	2	242T	61	22.46	22.64	19.29	19.21
		5955	1		61	22.89	22.74	19.31	19.23
		6175	45		61	22.87	22.30	19.21	19.27
		6415	93		61	22.76	22.63	19.23	19.24
	UNII-6	6435	97	242T	61	22.64	22.60	19.22	19.34
		6475	105		61	22.53	22.50	19.27	19.24
		6515	113		61	22.70	22.28	19.23	19.24
	UNII-7	6535	117	242T	61	22.34	22.86	19.35	19.20
		6695	149		61	22.48	22.35	19.38	19.22
		6855	181		61	22.59	22.96	19.35	19.24
	UNII-8	6875	185	242T	61	22.60	22.76	19.31	19.20
		6995	209		61	22.45	22.68	19.31	19.22
		7115	233		61	22.69	22.54	19.17	19.22
802.11ax (HE40)	UNII-5	5965	3	484T	65	45.52	46.26	38.29	38.38
		6165	43		65	44.82	45.87	38.24	38.34
		6405	91		65	45.38	44.76	38.21	38.29
	UNII-6	6445	99	484T	65	45.38	45.00	38.34	38.21
		6485	107		65	45.54	45.57	38.26	38.24
		6525	115		65	44.59	45.72	38.33	38.24
	UNII-7	6565	123	484T	65	45.79	45.62	38.30	38.30
		6725	155		65	44.39	44.92	38.25	38.23
		6845	179		65	45.26	45.59	38.17	38.15
	UNII-8	6885	187	484T	65	44.49	45.35	38.36	38.26
		7005	211		65	44.72	45.82	38.18	38.28
		7085	227		65	44.73	45.21	38.23	38.30
802.11ax (HE80)	UNII-5	5985	7	996T	67	89.59	90.13	78.28	78.08
		6145	39		67	89.59	91.34	78.07	78.18
		6385	87		67	90.75	89.93	78.36	78.18
	UNII-6	6465	103	996T	67	90.90	89.82	78.13	78.06
		6545	119		67	91.17	89.89	78.03	78.08
		6625	135		67	90.59	91.45	78.29	78.35
	UNII-7	6705	151	996T	67	91.12	90.14	78.00	78.15
		6785	167		67	90.64	92.31	78.04	78.26
		6865	183		67	91.35	90.05	78.16	78.23
	UNII-8	6945	199	996T	67	91.42	89.17	78.12	78.11
		7025	215		67	88.91	90.89	78.26	78.11
		7105	231		67	89.11	90.11	78.11	78.11
802.11ax (HE160)	UNII-5	6025	15	996T*2	68	175.00	175.20	158.06	157.56
		6185	47		68	176.70	175.50	157.96	157.65
		6345	79		68	174.50	174.10	157.74	157.86
	UNII-6	6505	111	996T*2	68	174.80	174.10	157.74	158.02
	UNII-7	6665	143	996T*2	68	172.20	177.20	157.83	158.11
	UNII-8	6825	175	996T*2	68	173.80	175.10	157.49	157.68
		6985	207		68	175.40	173.80	157.99	157.62

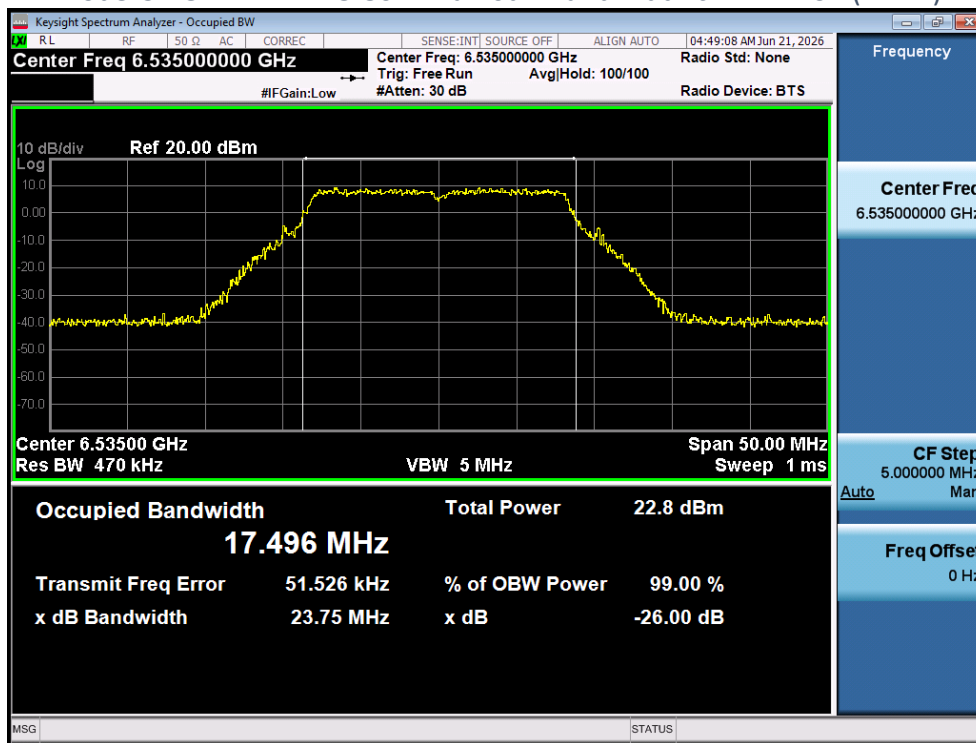
Table 5-38 OFDMA Partial 26Tone OBW and 26dB Bandwidth - VLP

Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	26dB Bandwidth [MHz]		Occupied Bandwidth [MHz]	
						Ant1	Ant2	Ant1	Ant2
802.11ax (HE20)	UNII-5	5935	2	26T	0	19.31	20.95	18.32	17.07
					4	16.91	19.20	15.88	15.30
					8	20.64	20.64	16.79	18.12
		5955	1	26T	0	19.17	20.25	17.75	18.80
					4	16.61	16.57	15.95	15.81
					8	20.75	19.71	17.96	18.13
		6175	45	26T	0	19.82	20.69	18.18	18.70
					4	17.00	17.55	15.16	15.68
					8	20.77	20.70	18.58	18.81
		6415	93	26T	0	20.60	20.21	18.21	18.83
					4	18.54	18.54	17.17	17.16
					8	20.43	20.55	16.70	18.74
	UNII-6	6435	97	26T	0	19.29	19.80	17.78	18.51
					4	18.48	18.66	17.07	16.25
					8	19.29	19.61	18.12	18.11
		6475	105	26T	0	20.10	20.36	18.62	18.62
					4	17.73	18.52	16.76	16.44
					8	20.70	20.35	18.81	18.85
		6515	113	26T	0	17.34	19.83	16.05	18.38
					4	18.48	17.66	16.96	14.65
					8	20.52	20.82	18.83	18.36
	UNII-7	6535	117	26T	0	20.10	19.79	18.36	18.49
					4	16.30	17.77	15.56	17.04
					8	20.60	20.68	18.35	18.74
		6695	149	26T	0	21.17	19.86	18.91	18.58
					4	18.91	17.80	15.94	16.72
					8	20.66	20.48	18.86	18.73
		6855	181	26T	0	20.46	21.05	18.93	18.85
					4	16.83	18.73	15.89	17.44
					8	20.65	20.82	18.91	18.61
	UNII-8	6875	185	26T	0	20.96	20.46	18.63	18.93
					4	18.92	18.30	15.00	17.13
					8	20.46	20.96	17.90	18.99
		6995	209	26T	0	20.79	20.98	18.97	16.54
					4	17.83	18.16	16.34	16.75
					8	20.84	20.81	18.82	18.38
		7115	233	26T	0	20.72	19.97	17.99	18.62
					4	18.13	18.64	16.85	15.80
					8	20.46	20.63	18.77	18.68

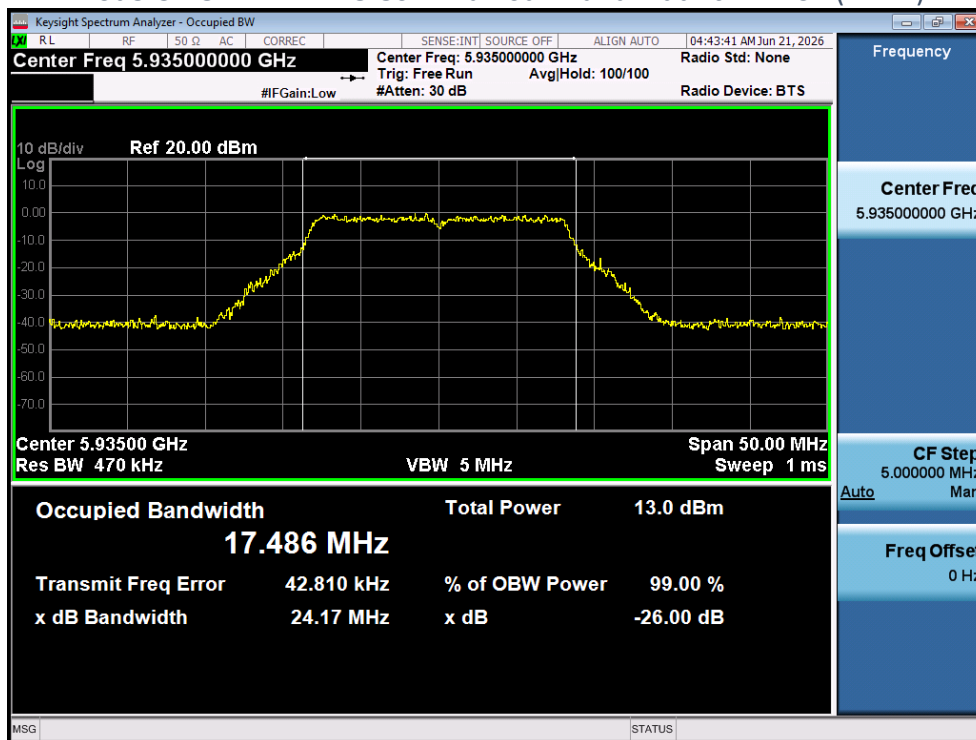
Table 5-39 OFDMA Full Tone OBW and 26dB Bandwidth - VLP

Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	26dB Bandwidth [MHz]		Occupied Bandwidth [MHz]	
						Ant1	Ant2	Ant1	Ant2
802.11ax (HE20)	UNII-5	5935	2	242T	61	23.10	22.72	19.29	19.29
		5955	1		61	22.31	22.81	19.24	19.27
		6175	45		61	22.78	23.15	19.31	19.19
		6415	93		61	22.65	22.48	19.22	19.26
	UNII-6	6435	97	242T	61	23.18	22.69	19.23	19.27
		6475	105		61	22.52	22.33	19.26	19.21
		6515	113		61	22.71	22.78	19.27	19.23
	UNII-7	6535	117	242T	61	22.62	22.87	19.22	19.22
		6695	149		61	22.60	22.63	19.24	19.28
		6855	181		61	22.68	22.73	19.27	19.34
	UNII-8	6875	185	242T	61	22.53	22.94	19.22	19.24
		6995	209		61	22.74	22.22	19.20	19.25
		7115	233		61	22.80	22.53	19.25	19.17
802.11ax (HE40)	UNII-5	5965	3	484T	65	45.30	43.67	38.23	38.30
		6165	43		65	45.37	44.79	38.19	38.14
		6405	91		65	45.16	45.49	38.29	38.24
	UNII-6	6445	99	484T	65	44.58	44.92	38.29	38.30
		6485	107		65	45.99	46.30	38.19	38.23
		6525	115		65	46.43	44.96	38.26	38.21
	UNII-7	6565	123	484T	65	47.17	45.81	38.23	38.30
		6725	155		65	45.35	45.71	38.24	38.21
		6845	179		65	45.13	45.22	38.31	38.34
	UNII-8	6885	187	484T	65	45.17	44.46	38.21	38.33
		7005	211		65	45.42	46.46	38.27	38.25
		7085	227		65	44.57	44.98	38.33	38.24
802.11ax (HE80)	UNII-5	5985	7	996T	67	91.52	91.50	78.15	78.20
		6145	39		67	92.95	91.27	78.24	78.28
		6385	87		67	91.39	92.33	78.20	78.25
	UNII-6	6465	103	996T	67	93.54	92.74	78.26	78.31
		6545	119		67	89.89	93.16	78.18	78.23
		6625	135		67	91.01	92.83	78.22	78.31
	UNII-7	6705	151	996T	67	93.22	92.36	78.14	78.21
		6785	167		67	90.46	93.44	78.33	78.37
		6865	183		67	94.14	92.73	78.20	78.41
	UNII-8	6945	199	996T	67	92.59	91.94	78.22	78.30
		7025	215		67	94.34	90.36	78.26	78.13
		7105	231		67	91.67	91.67	78.26	78.26
802.11ax (HE160)	UNII-5	6025	15	996T*2	68	177.90	176.60	157.77	157.62
		6185	47		68	179.00	178.50	157.75	157.86
		6345	79		68	177.30	179.50	157.80	157.87
	UNII-6	6505	111	996T*2	68	181.50	178.20	157.66	157.70
	UNII-7	6665	143	996T*2	68	175.00	178.20	158.02	157.90
	UNII-8	6825	175	996T*2	68	178.20	176.70	157.69	158.02
		6985	207		68	176.00	173.60	157.80	157.79

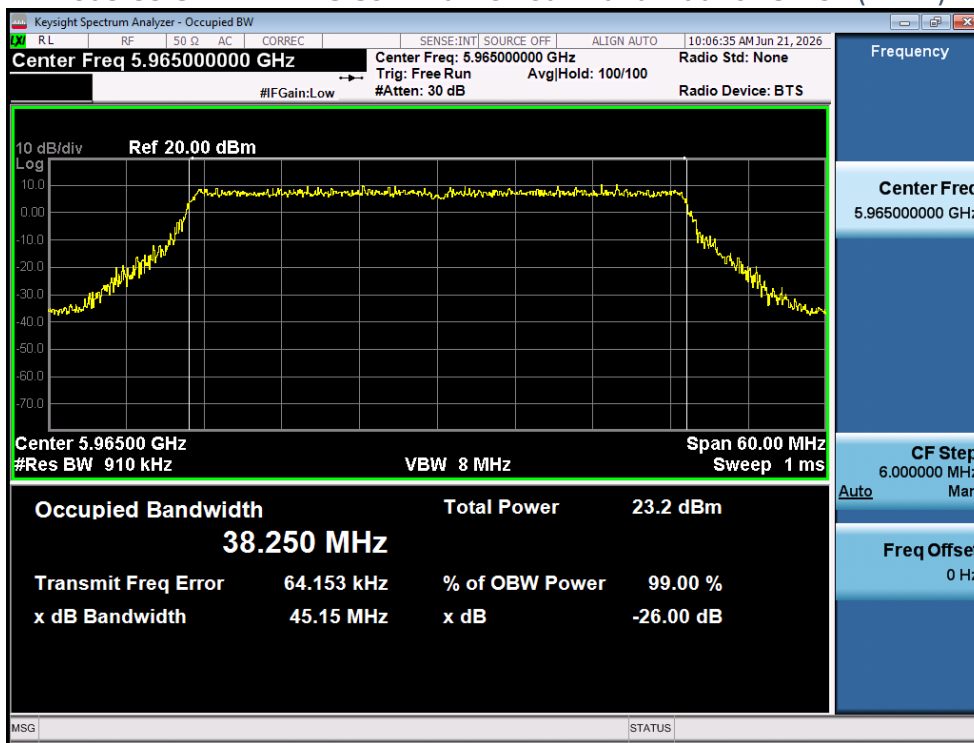
Plot 5-31 OFDM MIMO 802.11a 26dB Bandwidth ch.117 – SP (ANT1)



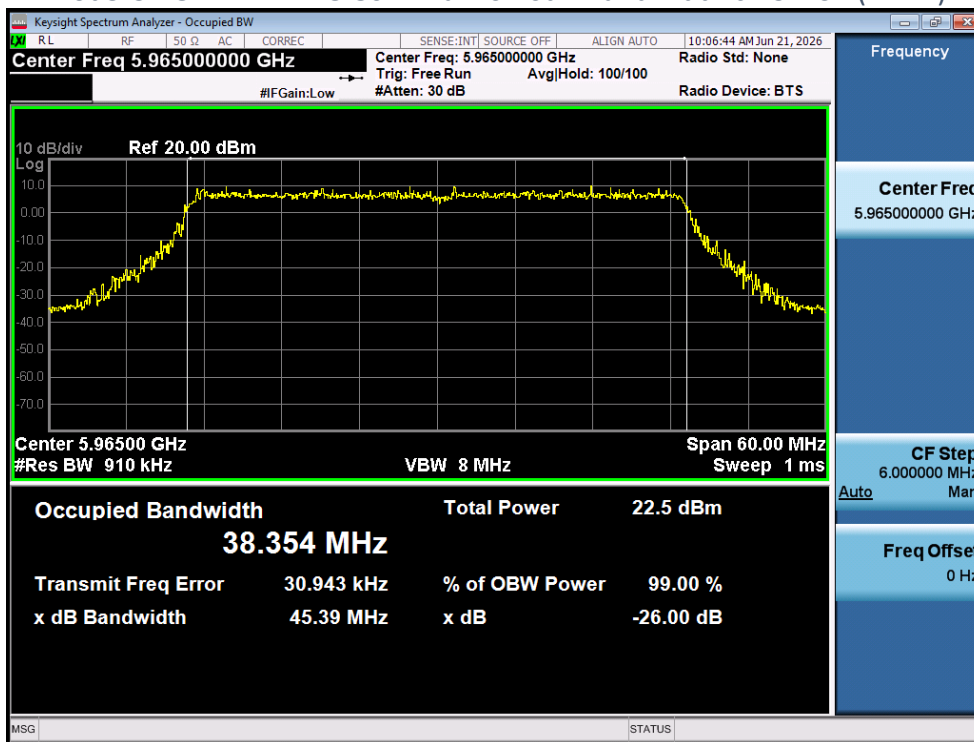
Plot 5-32 OFDM MIMO 802.11a 26dB Bandwidth ch.2 – SP (ANT2)



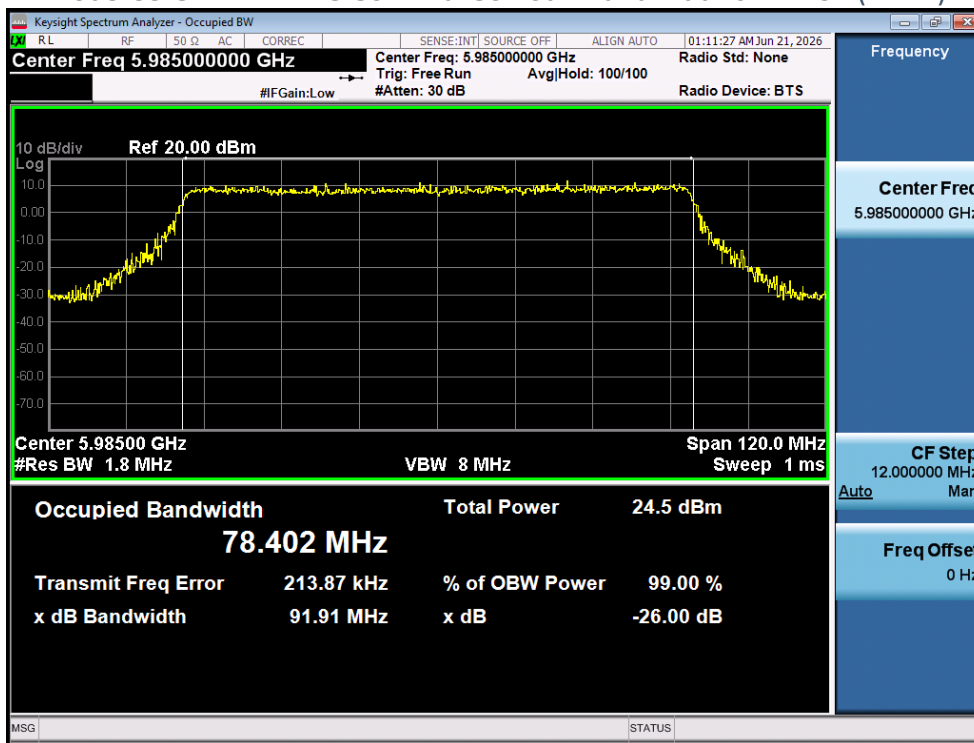
Plot 5-33 OFDM MIMO 802.11ax40 26dB Bandwidth ch.3 – SP (ANT1)



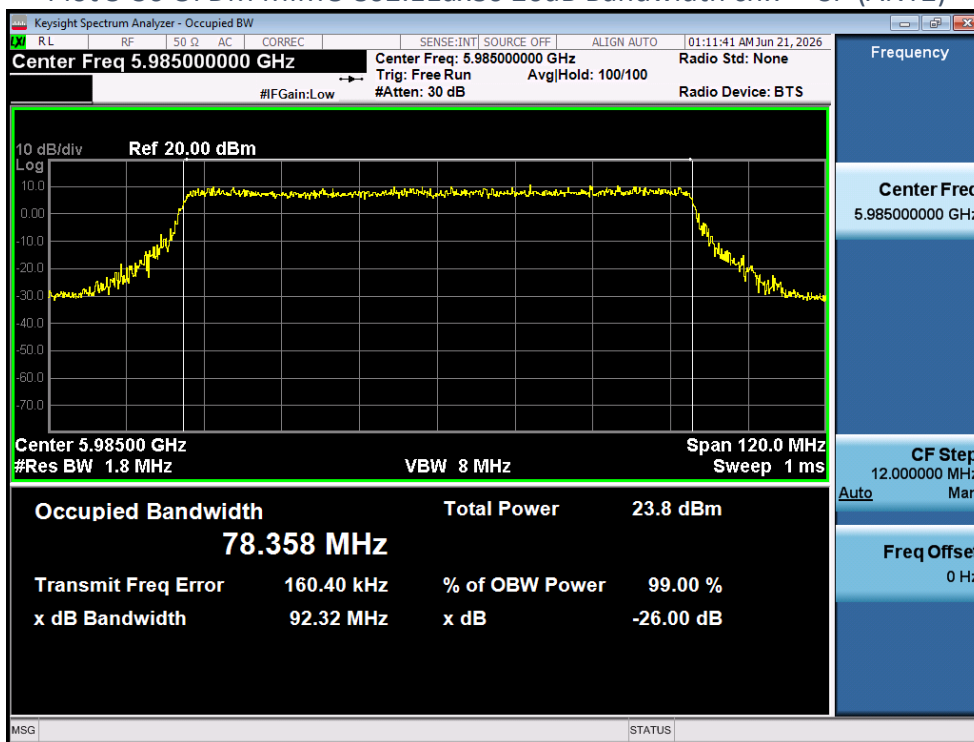
Plot 5-34 OFDM MIMO 802.11ax40 26dB Bandwidth ch.3 – SP (ANT2)



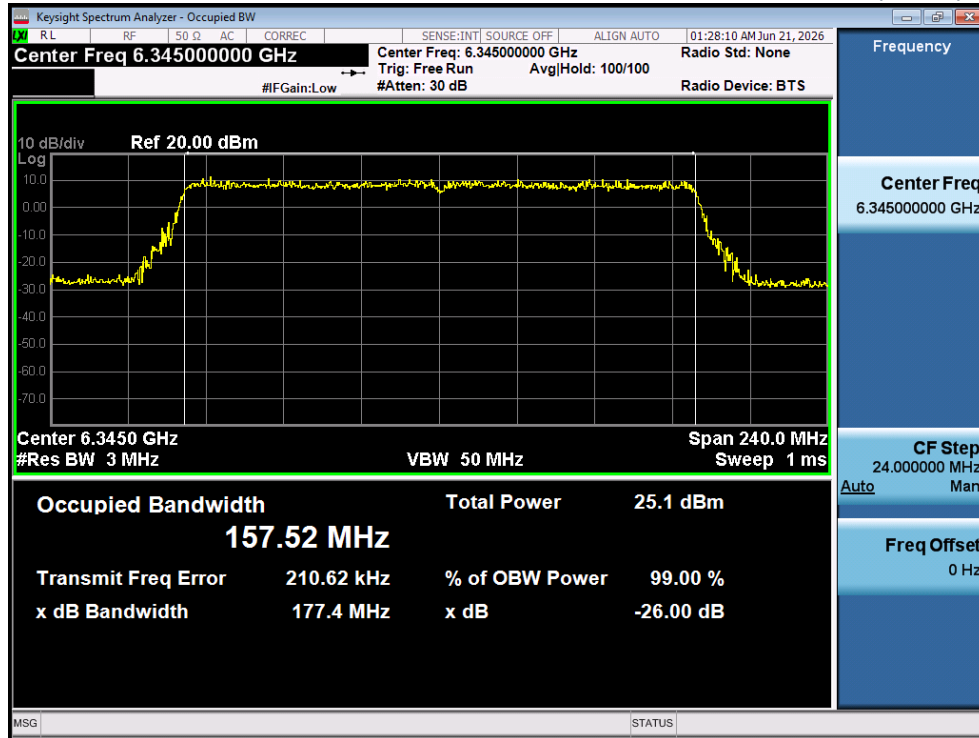
Plot 5-35 OFDM MIMO 802.11ax80 26dB Bandwidth ch.7 – SP (ANT1)



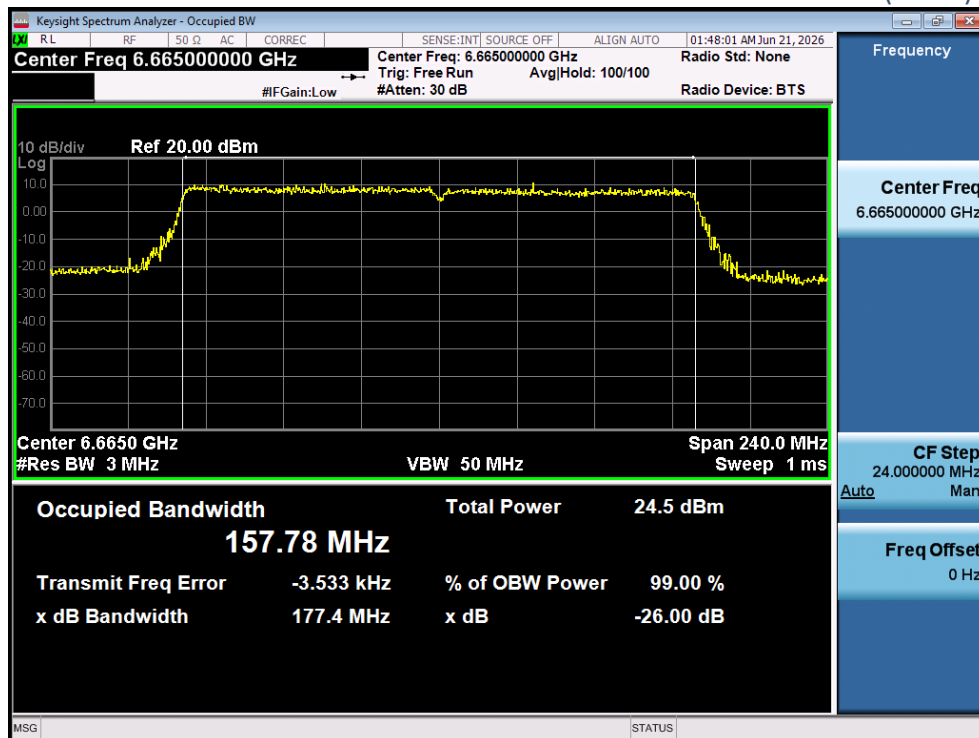
Plot 5-36 OFDM MIMO 802.11ax80 26dB Bandwidth ch.7 – SP (ANT2)



Plot 5-37 OFDM MIMO 802.11ax160 26dB Bandwidth ch.79 – SP (ANT1)



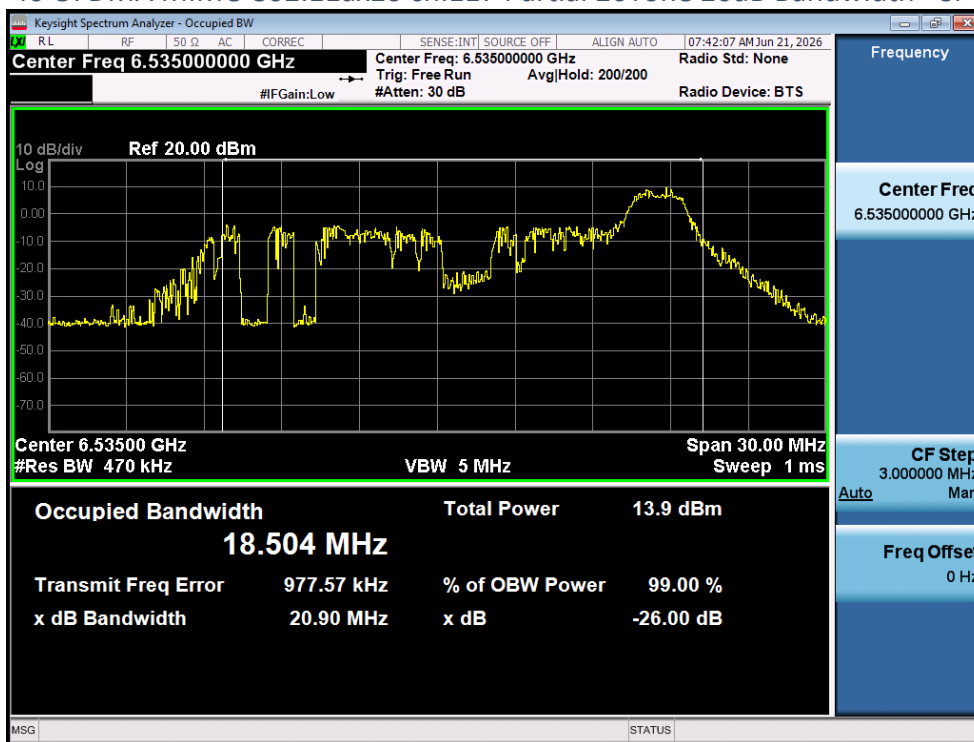
Plot 5-38 OFDM MIMO 802.11ax160 26dB Bandwidth ch.143 – SP (ANT2)



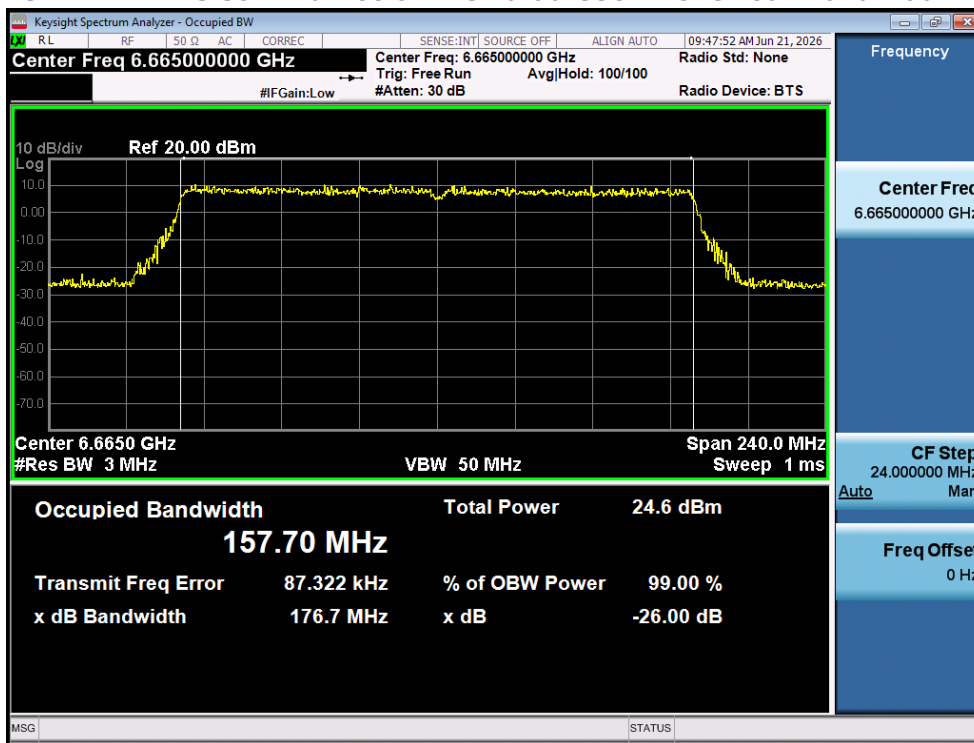
Plot 5-39 OFDMA MIMO 802.11ax20 ch.93 Partial 26Tone 26dB Bandwidth - SP (Ant 1)



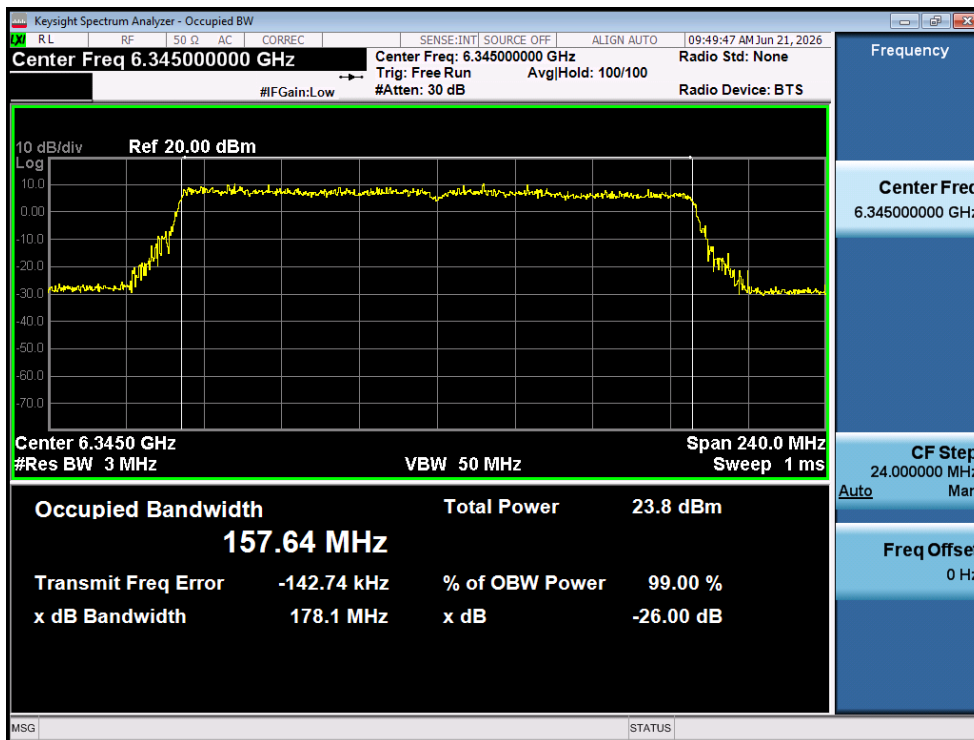
Plot 5-40 OFDMA MIMO 802.11ax20 ch.117 Partial 26Tone 26dB Bandwidth - SP (Ant 2)



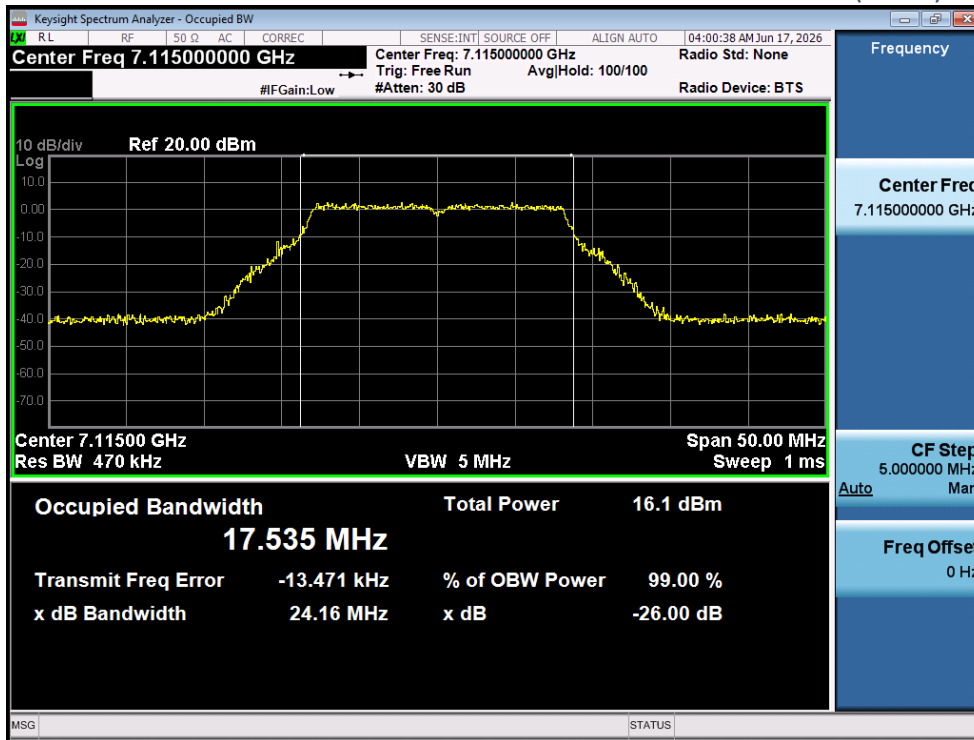
Plot 5-41 OFDMA MIMO 802.11ax160 ch.143 Partial 996*2Tone 26dB Bandwidth - SP (Ant 1)



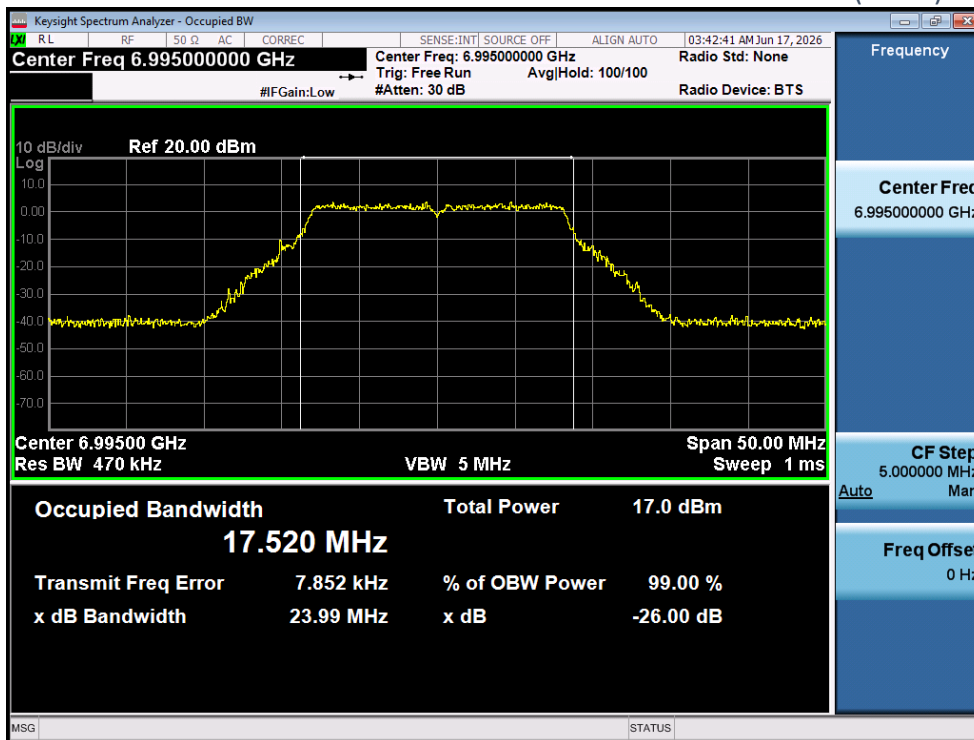
Plot 5-42 OFDMA MIMO 802.11ax160 ch.79 Partial 996*2Tone 26dB Bandwidth - SP (Ant 2)



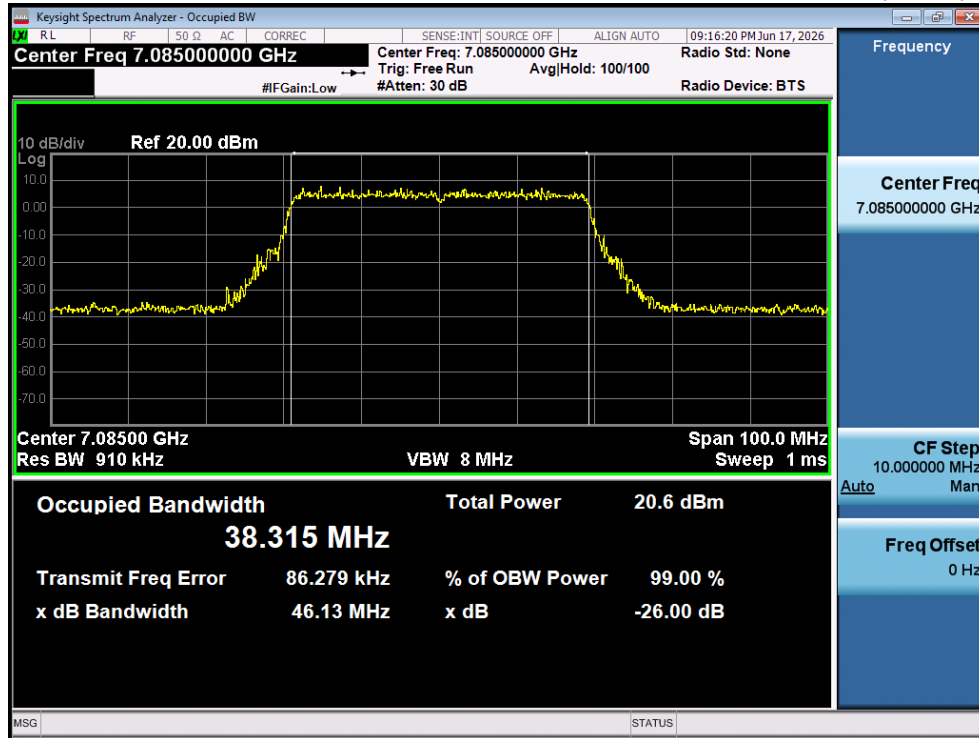
Plot 5-43 OFDM MIMO 802.11a 26dB Bandwidth ch.233 – LPI (ANT1)



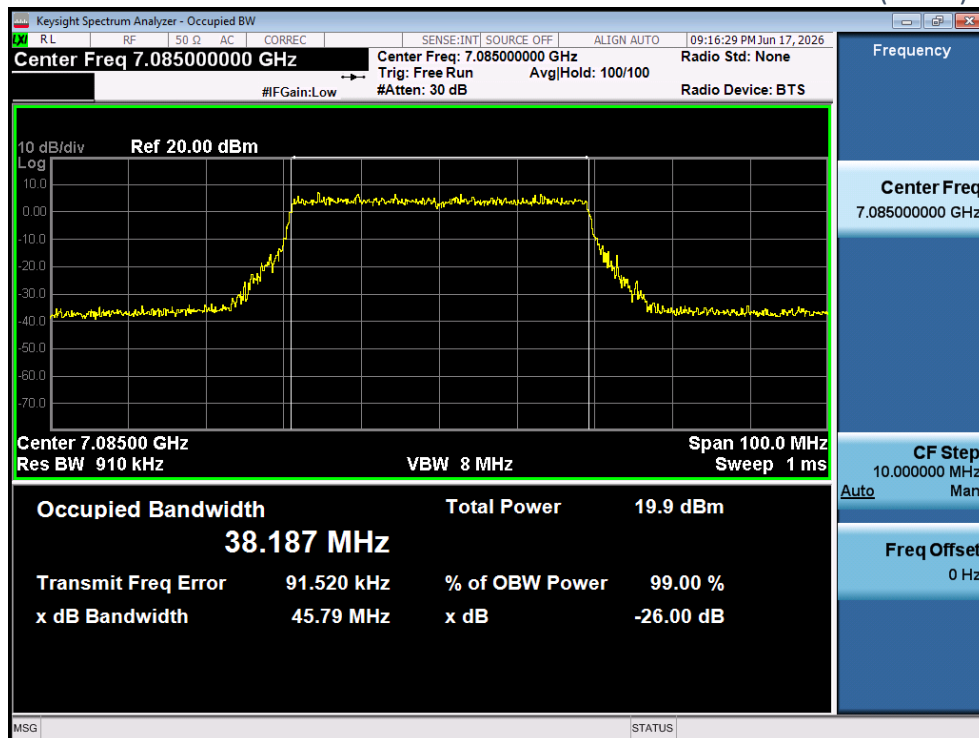
Plot 5-44 OFDM MIMO 802.11a 26dB Bandwidth ch.209 – LPI (ANT2)



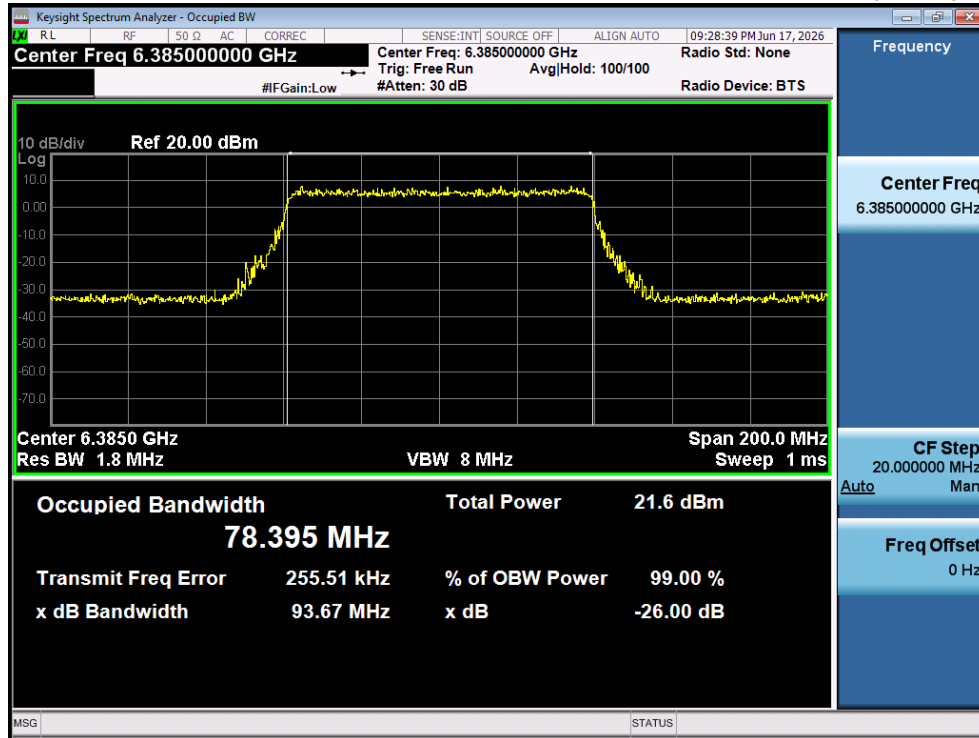
Plot 5-45 OFDM MIMO 802.11ax40 26dB Bandwidth ch.227 – LPI (ANT1)



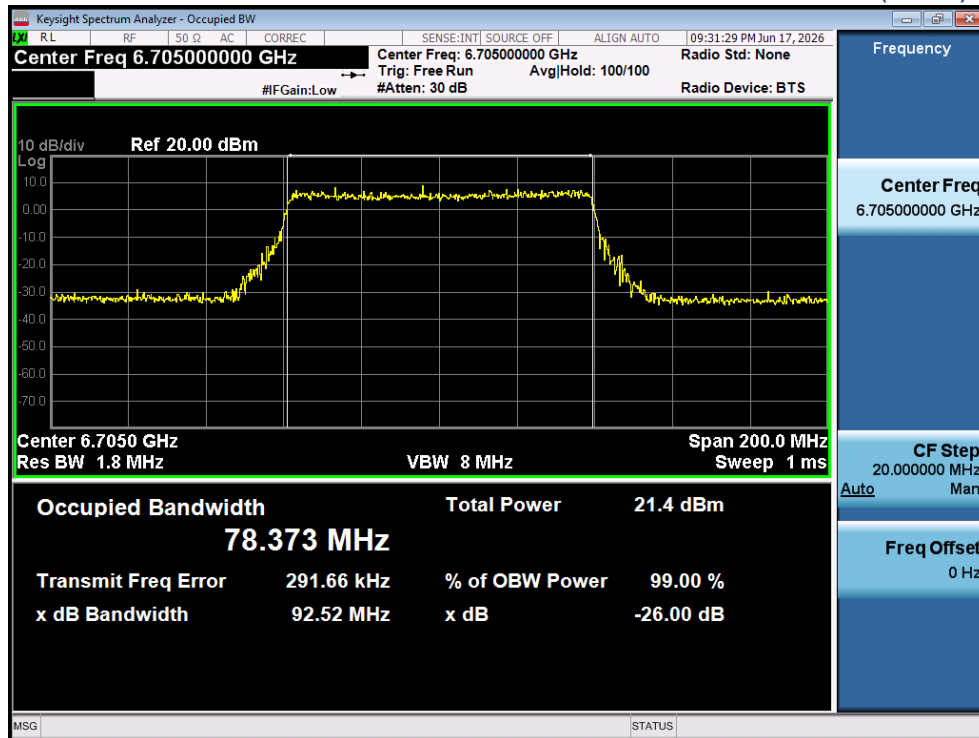
Plot 5-46 OFDM MIMO 802.11ax40 26dB Bandwidth ch.227 – LPI (ANT2)



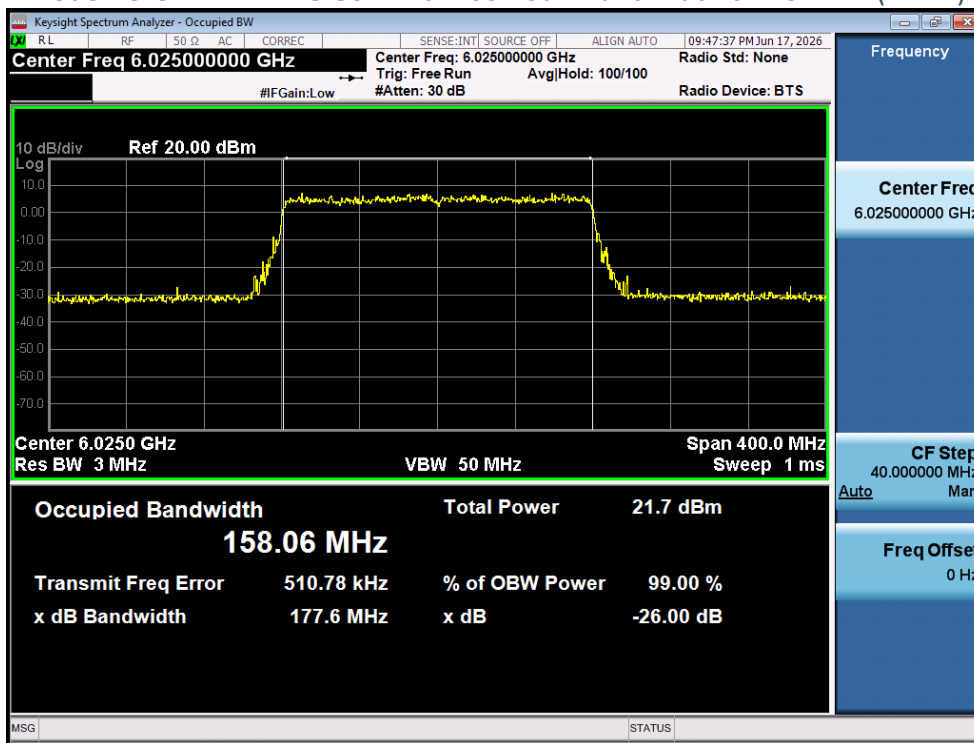
Plot 5-47 OFDM MIMO 802.11ax80 26dB Bandwidth ch.87 – LPI (ANT1)



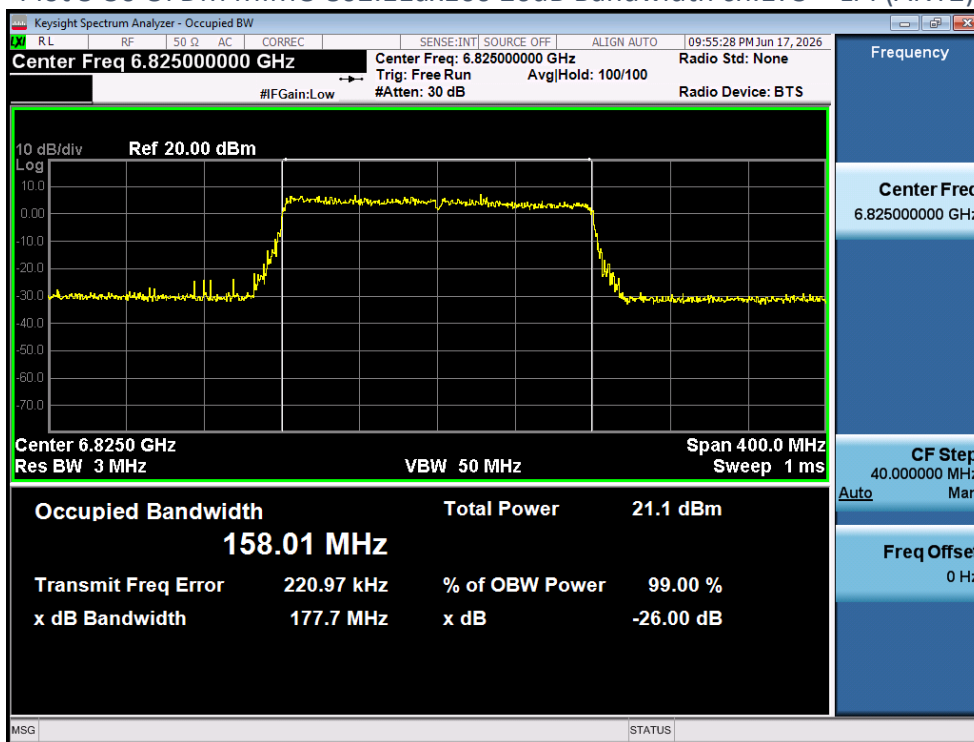
Plot 5-48 OFDM MIMO 802.11ax80 26dB Bandwidth ch.151 – LPI (ANT2)



Plot 5-49 OFDM MIMO 802.11ax160 26dB Bandwidth ch.15 – LPI (ANT1)



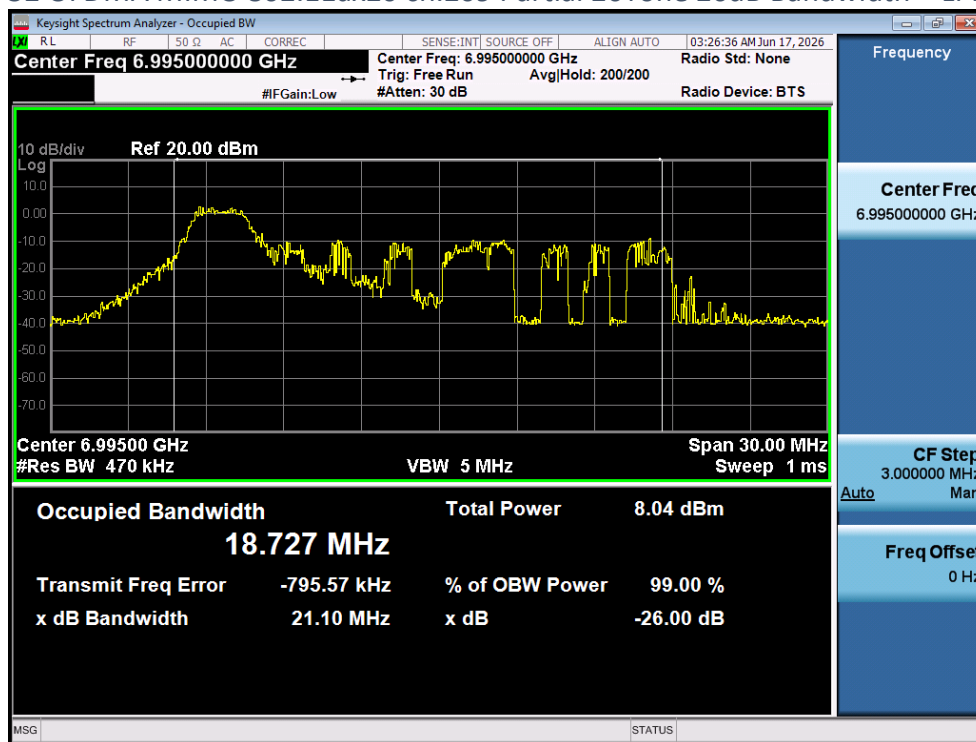
Plot 5-50 OFDM MIMO 802.11ax160 26dB Bandwidth ch.175 – LPI (ANT2)



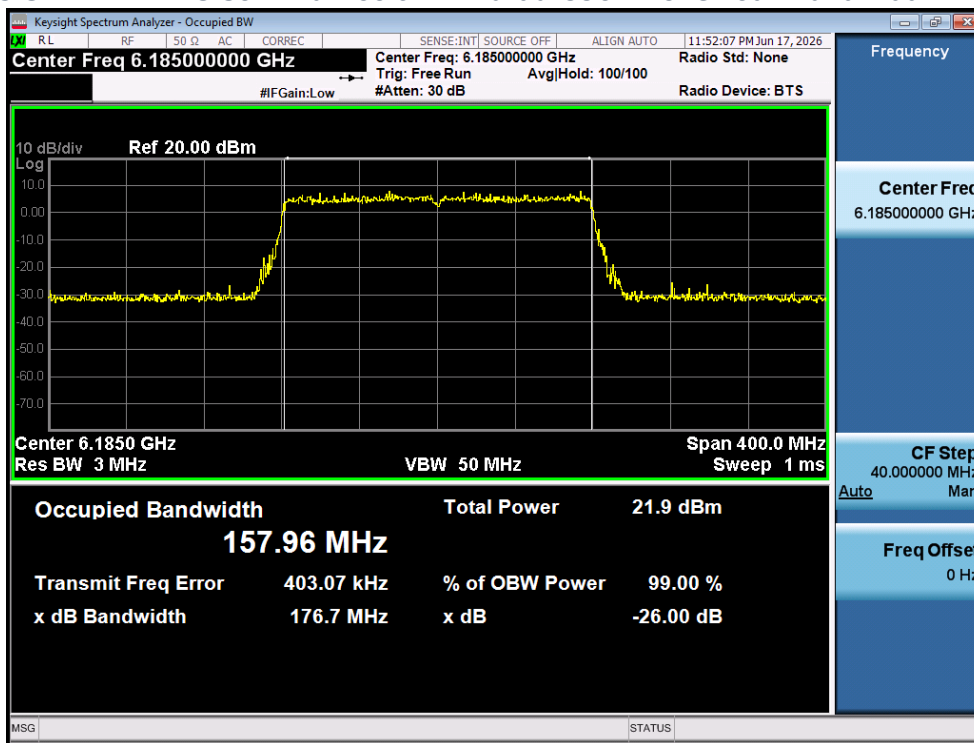
Plot 5-51 OFDMA MIMO 802.11ax20 ch.93 Partial 26Tone 26dB Bandwidth – LPI (Ant 1)



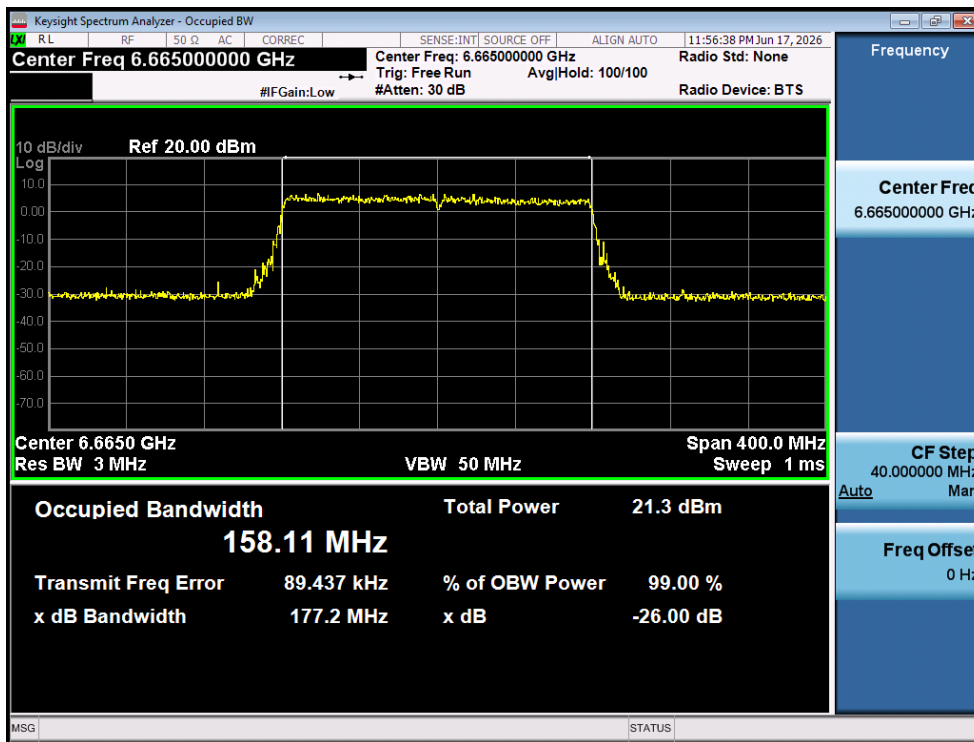
Plot 5-52 OFDMA MIMO 802.11ax20 ch.209 Partial 26Tone 26dB Bandwidth – LPI (Ant 2)



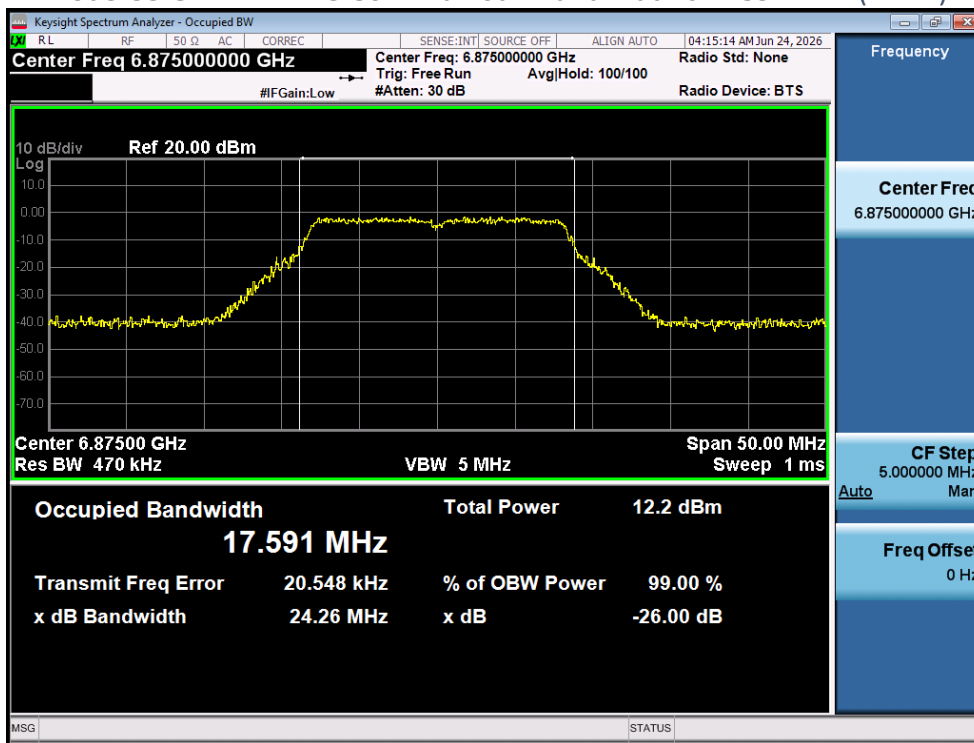
Plot 5-53 OFDMA MIMO 802.11ax160 ch.47 Partial 996*2Tone 26dB Bandwidth – LPI (Ant 1)



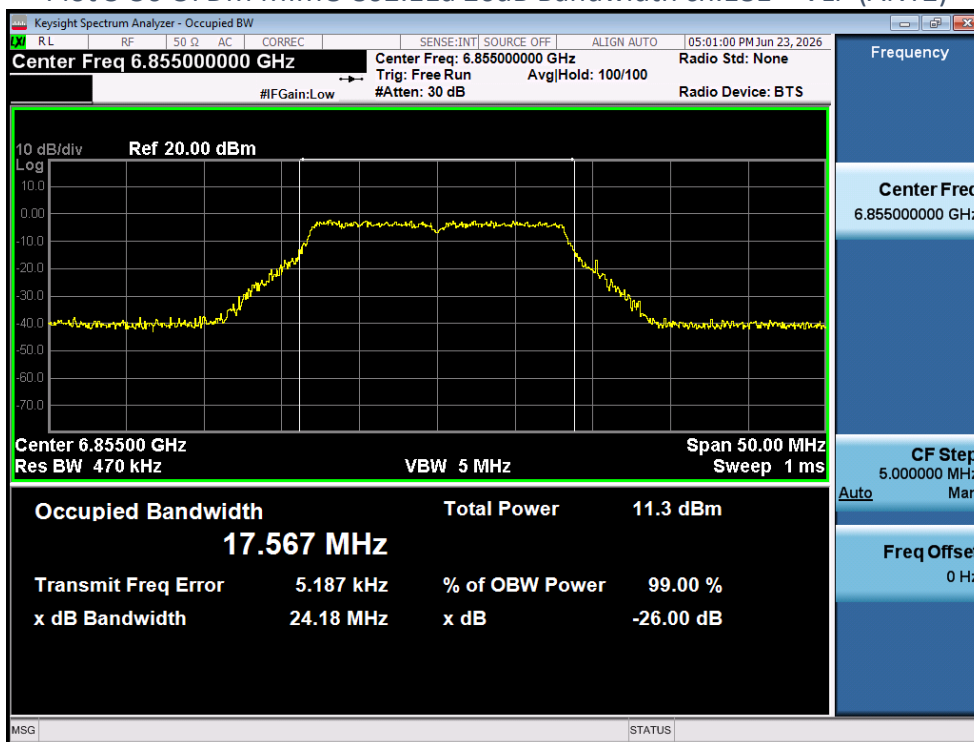
Plot 5-54 OFDMA 802.11ax160 ch.143 Partial 996*2Tone 26dB Bandwidth – LPI (Ant 2)



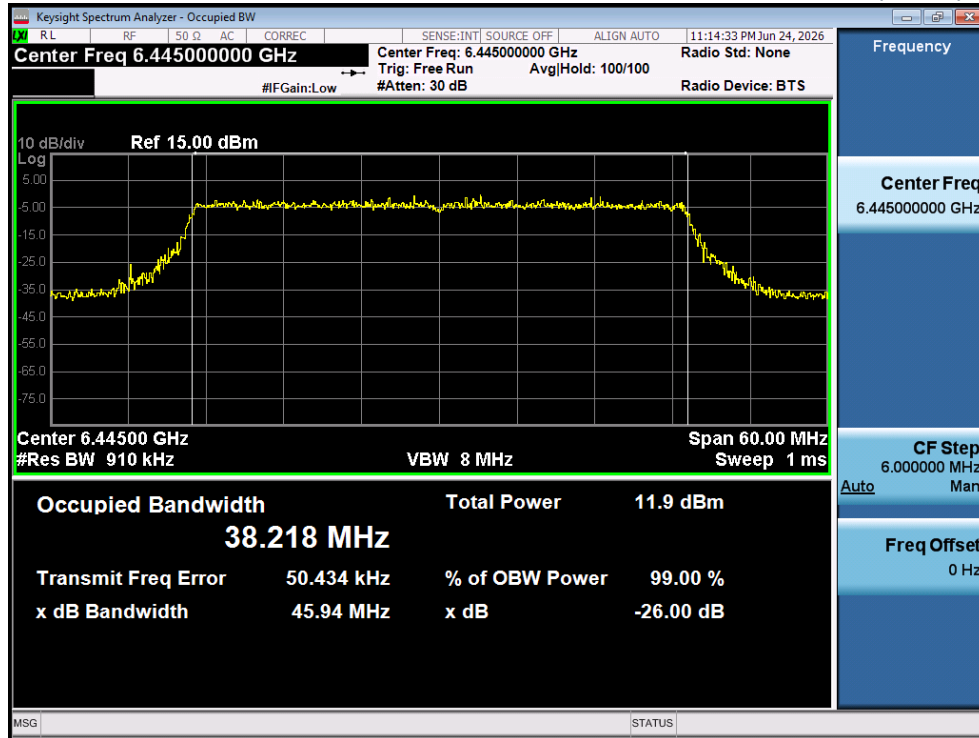
Plot 5-55 OFDM MIMO 802.11a 26dB Bandwidth ch.185 – VLP (ANT1)



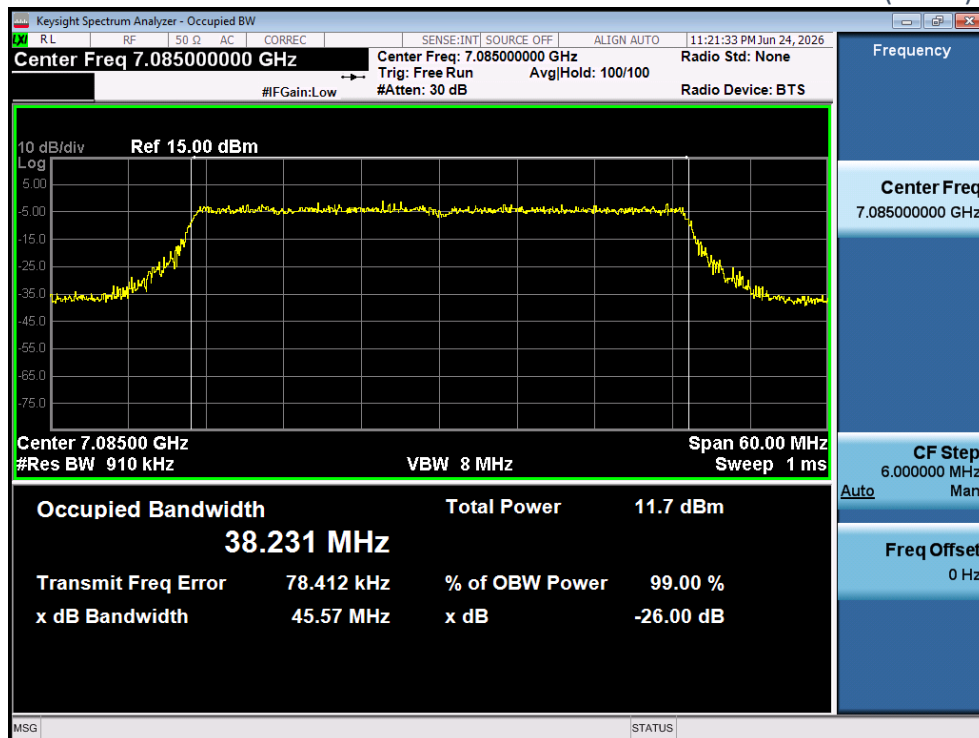
Plot 5-56 OFDM MIMO 802.11a 26dB Bandwidth ch.181 – VLP (ANT2)



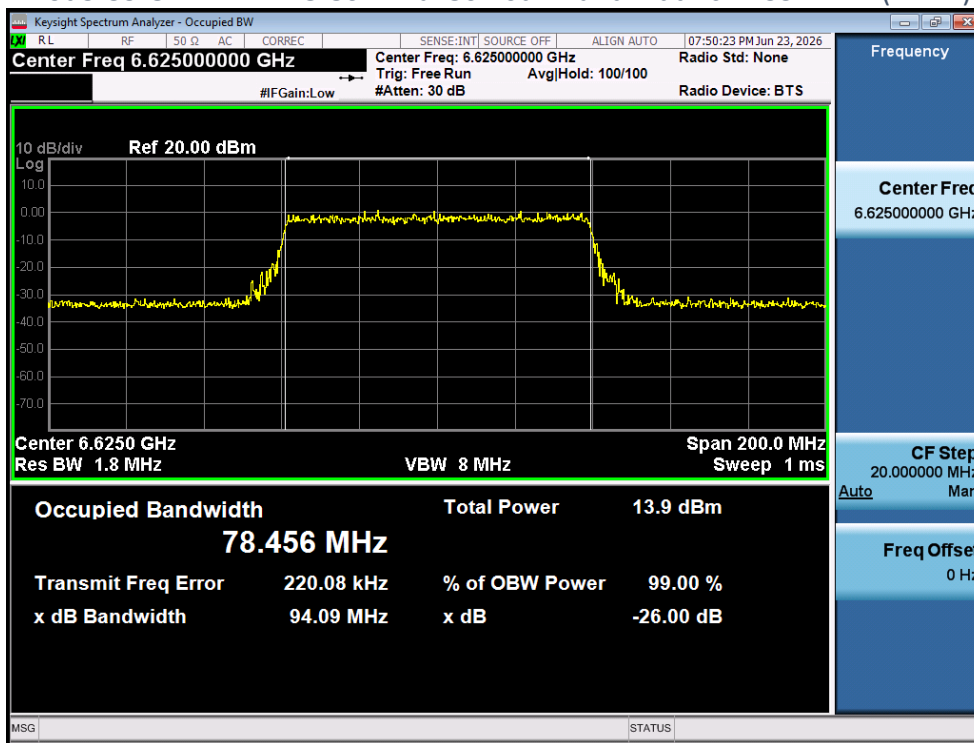
Plot 5-57 OFDM MIMO 802.11ax40 26dB Bandwidth ch.99 – VLP (ANT1)



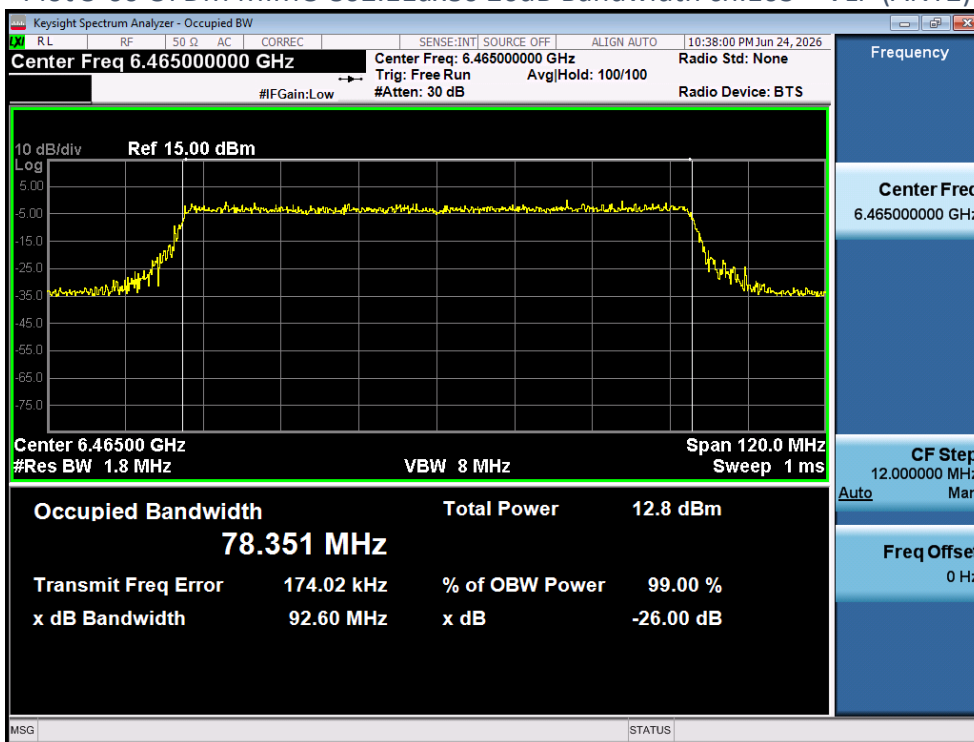
Plot 5-58 OFDM MIMO 802.11ax40 26dB Bandwidth ch.227 – VLP (ANT2)



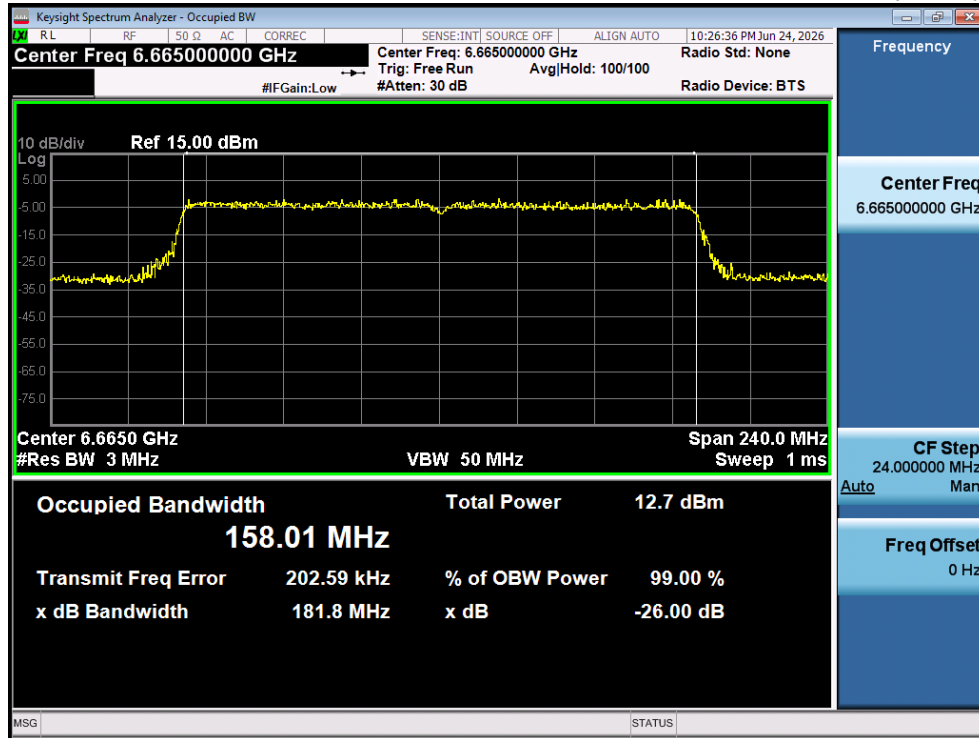
Plot 5-59 OFDM MIMO 802.11ax80 26dB Bandwidth ch.135 – VLP (ANT1)



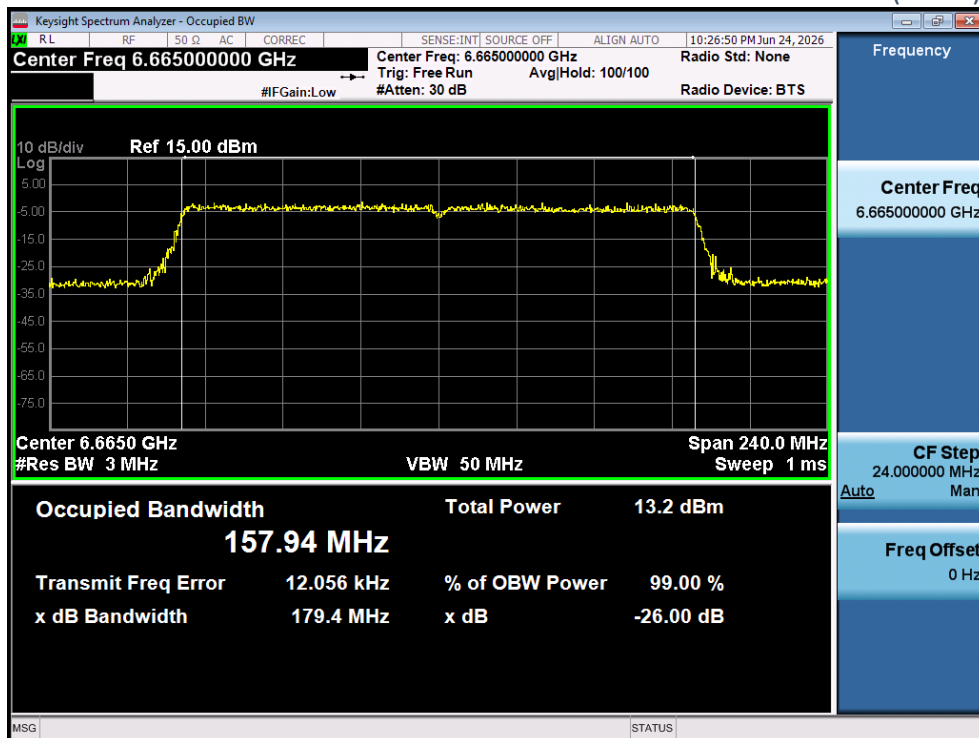
Plot 5-60 OFDM MIMO 802.11ax80 26dB Bandwidth ch.103 – VLP (ANT2)



Plot 5-61 OFDM MIMO 802.11ax160 26dB Bandwidth ch.143 – VLP (ANT1)



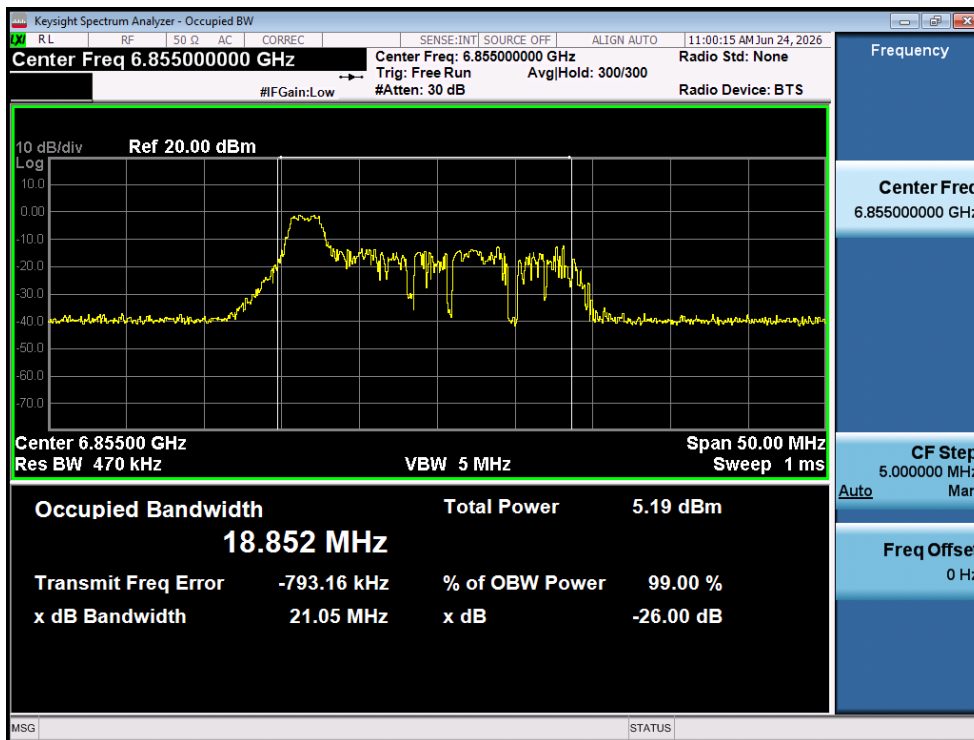
Plot 5-62 OFDM MIMO 802.11ax160 26dB Bandwidth ch.143 – VLP (ANT2)



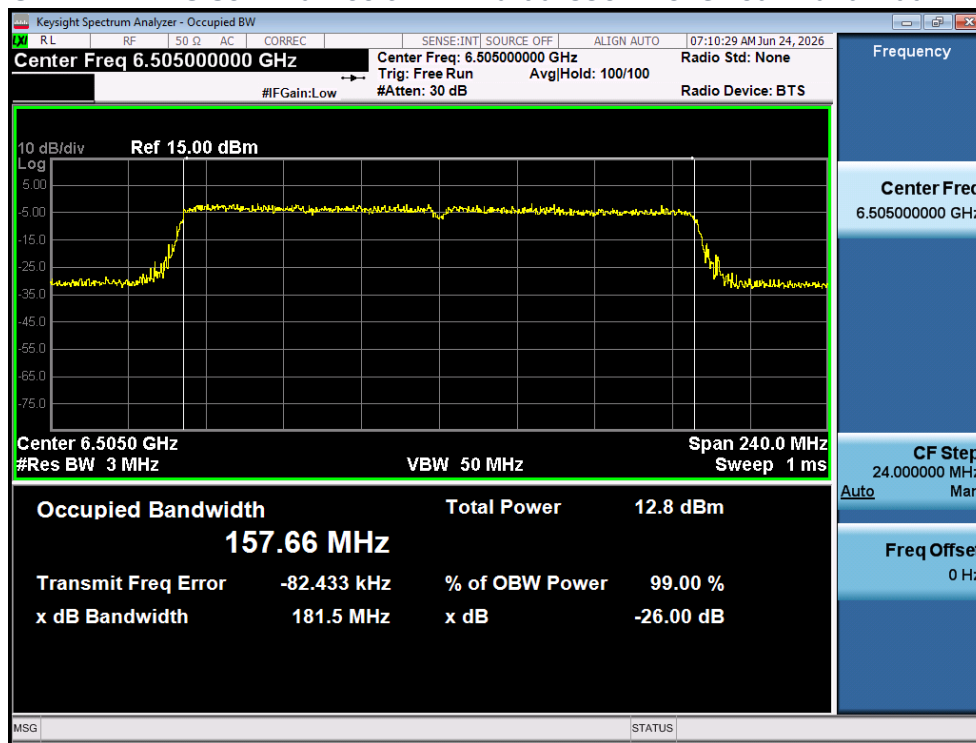
Plot 5-63 OFDMA MIMO 802.11ax20 ch.149 Partial 26Tone 26dB Bandwidth – VLP (Ant 1)



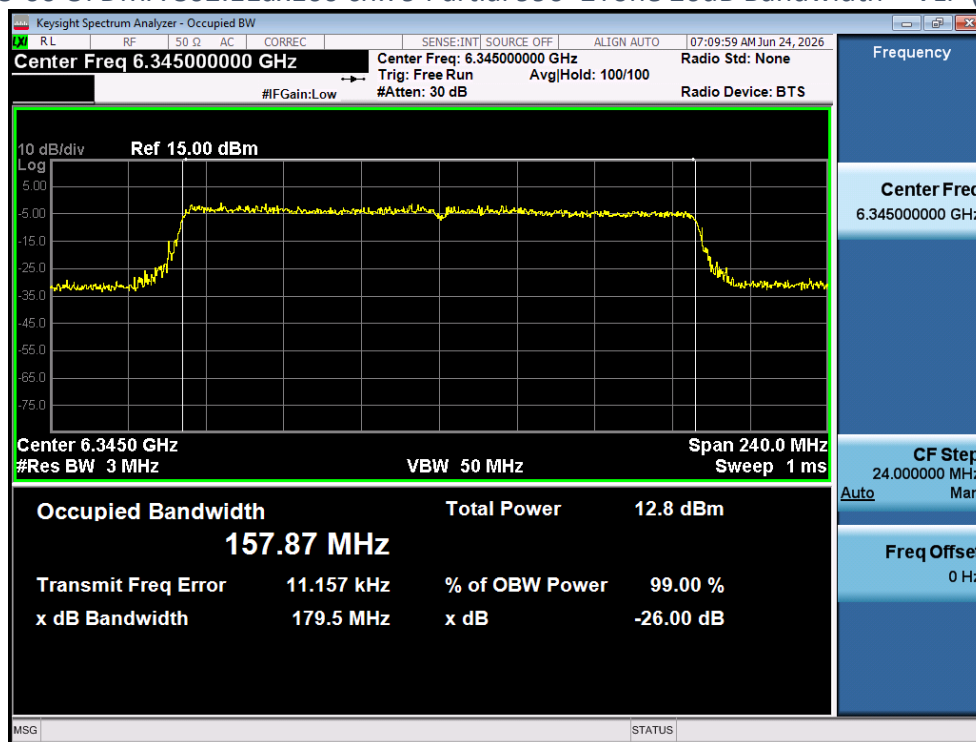
Plot 5-64 OFDMA MIMO 802.11ax20 ch.181 Partial 26Tone 26dB Bandwidth – VLP (Ant 2)



Plot 5-65 OFDMA MIMO 802.11ax160 ch.111 Partial 996*2Tone 26dB Bandwidth – VLP (Ant 1)



Plot 5-66 OFDMA 802.11ax160 ch.79 Partial 996*2Tone 26dB Bandwidth – VLP (Ant 2)



5.7. In-Band Emissions

5.7.1. Regulatory Limit

Part. 15.407(b)

For transmitters operating within the 5.925–7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

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The following unwanted emission limits shall apply:

The e.i.r.p. spectral density of unwanted emissions falling into the 5925-7125 MHz frequency band shall be attenuated below the reference power spectral density by at least:

- a) 20 dB at 1 MHz away from the channel edges
- b) a value, linearly interpolated in a dB scale, between 20 dB and 28 dB at frequencies between 1 MHz outside of channel edges and 1 channel bandwidth away from the operating channel centre, respectively
- c) 28 dB at 1 channel bandwidth away from the operating channel centre
- d) a value, linearly interpolated in a dB scale, between 28 dB and 40 dB at frequencies between 1 channel bandwidth away from the operating channel centre and 1.5 times the channel bandwidth away from the operating channel centre, respectively
- e) 40 dB at 1.5 times the channel bandwidth and further away from the operating channel centre.

5.7.2. Test Method

KDB 987594 D02 v03r01. Clause J

5.7.3. Test Procedure

1. Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:
 - a) Set the span to encompass the entire 26 dB EBW of the signal.
 - b) RBW = same RBW used for 26 dB EBW measurement.
 - c) Set VBW $\geq [3 \times \text{RBW}]$
 - d) Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$
 - e) Sweep time = Auto (Coupled) or sufficient to investigate
 - f) Detector = RMS
 - g) Trace average at least 100 traces in power averaging (RMS) mode.
 - h) Use the peak search function on the instrument to find the peak of the spectrum.
2. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
 - a) Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is the 26-dB point on either side of the carrier center frequency)
 - b) Suppressed by 28 dB at one channel bandwidth from the channel center.
 - c) Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
3. Clear trace and Trace average at least 100 traces in power averaging (rms) mode.

Test Note

- ✓ To develop the emission mask, the channel bandwidth is defined as the 26 dB Equivalent Bandwidth measured in this section 5.6.

5.7.4. Test Results

Table 5-40 OFDM In-Band Emissions – SP/LPI/VLP

Mode	Band	freq. [MHz]	CH. [No.]	SP		LPI		VLP	
				Ant1	Ant2	Ant1	Ant2	Ant1	Ant2
802.11a	UNII-5	5935	2	PASS	PASS	PASS	PASS	PASS	PASS
		5955	1	PASS	PASS	PASS	PASS	PASS	PASS
		6175	45	PASS	PASS	PASS	PASS	PASS	PASS
		6415	93	PASS	PASS	PASS	PASS	PASS	PASS
	UNII-6	6435	97	×		PASS	PASS	PASS	PASS
		6475	105			PASS	PASS	PASS	PASS
		6515	113			PASS	PASS	PASS	PASS
	UNII-7	6535	117	PASS	PASS	PASS	PASS	PASS	PASS
		6695	149	PASS	PASS	PASS	PASS	PASS	PASS
		6855	181	PASS	PASS	PASS	PASS	PASS	PASS
	UNII-8	6875	185	×		PASS	PASS	PASS	PASS
		6995	209			PASS	PASS	PASS	PASS
		7115	233			PASS	PASS	PASS	PASS
802.11ax (HE20)	UNII-5	5935	2	PASS	PASS	PASS	PASS	PASS	PASS
		5955	1	PASS	PASS	PASS	PASS	PASS	PASS
		6175	45	PASS	PASS	PASS	PASS	PASS	PASS
		6415	93	PASS	PASS	PASS	PASS	PASS	PASS
	UNII-6	6435	97	×		PASS	PASS	PASS	PASS
		6475	105			PASS	PASS	PASS	PASS
		6515	113			PASS	PASS	PASS	PASS
	UNII-7	6535	117	PASS	PASS	PASS	PASS	PASS	PASS
		6695	149	PASS	PASS	PASS	PASS	PASS	PASS
		6855	181	PASS	PASS	PASS	PASS	PASS	PASS
	UNII-8	6875	185	×		PASS	PASS	PASS	PASS
		6995	209			PASS	PASS	PASS	PASS
		7115	233			PASS	PASS	PASS	PASS
802.11ax (HE40)	UNII-5	5965	3	PASS	PASS	PASS	PASS	PASS	PASS
		6165	43	PASS	PASS	PASS	PASS	PASS	PASS
		6405	91	PASS	PASS	PASS	PASS	PASS	PASS
		6445	99	×		PASS	PASS	PASS	PASS
	UNII-6	6485	107			PASS	PASS	PASS	PASS
		6525	115			PASS	PASS	PASS	PASS
	UNII-7	6565	123	PASS	PASS	PASS	PASS	PASS	PASS
		6725	155	PASS	PASS	PASS	PASS	PASS	PASS
		6845	179	PASS	PASS	PASS	PASS	PASS	PASS
	UNII-8	6885	187	×		PASS	PASS	PASS	PASS
		7005	211			PASS	PASS	PASS	PASS
		7085	227			PASS	PASS	PASS	PASS
802.11ax (HE80)	UNII-5	5985	7	PASS	PASS	PASS	PASS	PASS	PASS
		6145	39	PASS	PASS	PASS	PASS	PASS	PASS
		6385	87	PASS	PASS	PASS	PASS	PASS	PASS
		6465	103	×		PASS	PASS	PASS	PASS
	UNII-6	6545	119			PASS	PASS	PASS	PASS
		6625	135	PASS	PASS	PASS	PASS	PASS	PASS
	UNII-7	6705	151	PASS	PASS	PASS	PASS	PASS	PASS
		6785	167	PASS	PASS	PASS	PASS	PASS	PASS
		6865	183	×		PASS	PASS	PASS	PASS
	UNII-8	6945	199			PASS	PASS	PASS	PASS
		7025	215			PASS	PASS	PASS	PASS
802.11ax (HE160)	UNII-5	6025	15	PASS	PASS	PASS	PASS	PASS	PASS
		6185	47	PASS	PASS	PASS	PASS	PASS	PASS
		6345	79	PASS	PASS	PASS	PASS	PASS	PASS
	UNII-6	6505	111	×		PASS	PASS	PASS	PASS
	UNII-7	6665	143	PASS	PASS	PASS	PASS	PASS	PASS
	UNII-8	6825	175	×		PASS	PASS	PASS	PASS
		6985	207			PASS	PASS	PASS	PASS

× = Not Supported for SP mode

Table 5-41 OFDMA Partial 26Tone In-Band Emissions – SP/LPI/VLP

Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	SP		LPI		VLP	
						Ant1	Ant2	Ant1	Ant2	Ant1	Ant2
802.11ax (HE20)	UNII-5	5935	2	26T	0	PASS	PASS	PASS	PASS	PASS	PASS
					4	PASS	PASS	PASS	PASS	PASS	PASS
					8	PASS	PASS	PASS	PASS	PASS	PASS
		5955	1	26T	0	PASS	PASS	PASS	PASS	PASS	PASS
					4	PASS	PASS	PASS	PASS	PASS	PASS
					8	PASS	PASS	PASS	PASS	PASS	PASS
		6175	45	26T	0	PASS	PASS	PASS	PASS	PASS	PASS
					4	PASS	PASS	PASS	PASS	PASS	PASS
					8	PASS	PASS	PASS	PASS	PASS	PASS
		6415	93	26T	0	PASS	PASS	PASS	PASS	PASS	PASS
					4	PASS	PASS	PASS	PASS	PASS	PASS
					8	PASS	PASS	PASS	PASS	PASS	PASS
	UNII-6	6435	97	26T	0	×		PASS	PASS	PASS	PASS
					4			PASS	PASS	PASS	PASS
					8			PASS	PASS	PASS	PASS
		6475	105	26T	0			PASS	PASS	PASS	PASS
					4			PASS	PASS	PASS	PASS
					8			PASS	PASS	PASS	PASS
		6515	113	26T	0			PASS	PASS	PASS	PASS
					4			PASS	PASS	PASS	PASS
					8			PASS	PASS	PASS	PASS
	UNII-7	6535	117	26T	0	PASS	PASS	PASS	PASS	PASS	PASS
					4	PASS	PASS	PASS	PASS	PASS	PASS
					8	PASS	PASS	PASS	PASS	PASS	PASS
		6695	149	26T	0	PASS	PASS	PASS	PASS	PASS	PASS
					4	PASS	PASS	PASS	PASS	PASS	PASS
					8	PASS	PASS	PASS	PASS	PASS	PASS
		6855	181	26T	0	PASS	PASS	PASS	PASS	PASS	PASS
					4	PASS	PASS	PASS	PASS	PASS	PASS
					8	PASS	PASS	PASS	PASS	PASS	PASS
	UNII-8	6875	185	26T	0	×		PASS	PASS	PASS	PASS
					4			PASS	PASS	PASS	PASS
					8			PASS	PASS	PASS	PASS
		6995	209	26T	0			PASS	PASS	PASS	PASS
					4			PASS	PASS	PASS	PASS
					8			PASS	PASS	PASS	PASS
		7115	233	26T	0			PASS	PASS	PASS	PASS
					4			PASS	PASS	PASS	PASS
					8			PASS	PASS	PASS	PASS

× = Not Supported for SP mode

Table 5-42 OFDMA Partial 52Tone In-Band Emissions – SP/LPI/VLP

Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	SP		LPI		VLP	
						Ant1	Ant2	Ant1	Ant2	Ant1	Ant2
802.11ax (HE20)	UNII-5	5935	2	52T	37	PASS	PASS	PASS	PASS	PASS	PASS
					38	PASS	PASS	PASS	PASS	PASS	PASS
					40	PASS	PASS	PASS	PASS	PASS	PASS
		5955	1	52T	37	PASS	PASS	PASS	PASS	PASS	PASS
					38	PASS	PASS	PASS	PASS	PASS	PASS
					40	PASS	PASS	PASS	PASS	PASS	PASS
		6175	45	52T	37	PASS	PASS	PASS	PASS	PASS	PASS
					38	PASS	PASS	PASS	PASS	PASS	PASS
					40	PASS	PASS	PASS	PASS	PASS	PASS
		6415	93	52T	37	PASS	PASS	PASS	PASS	PASS	PASS
					38	PASS	PASS	PASS	PASS	PASS	PASS
					40	PASS	PASS	PASS	PASS	PASS	PASS
	UNII-6	6435	97	52T	37	×		PASS	PASS	PASS	PASS
					38			PASS	PASS	PASS	PASS
					40			PASS	PASS	PASS	PASS
		6475	105	52T	37			PASS	PASS	PASS	PASS
					38			PASS	PASS	PASS	PASS
					40			PASS	PASS	PASS	PASS
		6515	113	52T	37			PASS	PASS	PASS	PASS
					38			PASS	PASS	PASS	PASS
					40			PASS	PASS	PASS	PASS
	UNII-7	6535	117	52T	37	PASS	PASS	PASS	PASS	PASS	PASS
					38	PASS	PASS	PASS	PASS	PASS	PASS
					40	PASS	PASS	PASS	PASS	PASS	PASS
		6695	149	52T	37	PASS	PASS	PASS	PASS	PASS	PASS
					38	PASS	PASS	PASS	PASS	PASS	PASS
					40	PASS	PASS	PASS	PASS	PASS	PASS
		6855	181	52T	37	PASS	PASS	PASS	PASS	PASS	PASS
					38	PASS	PASS	PASS	PASS	PASS	PASS
					40	PASS	PASS	PASS	PASS	PASS	PASS
	UNII-8	6875	185	52T	37	×		PASS	PASS	PASS	PASS
					38			PASS	PASS	PASS	PASS
					40			PASS	PASS	PASS	PASS
		6995	209	52T	37			PASS	PASS	PASS	PASS
					38			PASS	PASS	PASS	PASS
					40			PASS	PASS	PASS	PASS
		7115	233	52T	37			PASS	PASS	PASS	PASS
					38			PASS	PASS	PASS	PASS
					40			PASS	PASS	PASS	PASS

× = Not Supported for SP mode

Table 5-43 OFDMA Partial 106Tone In-Band Emissions – SP/LPI/VLP

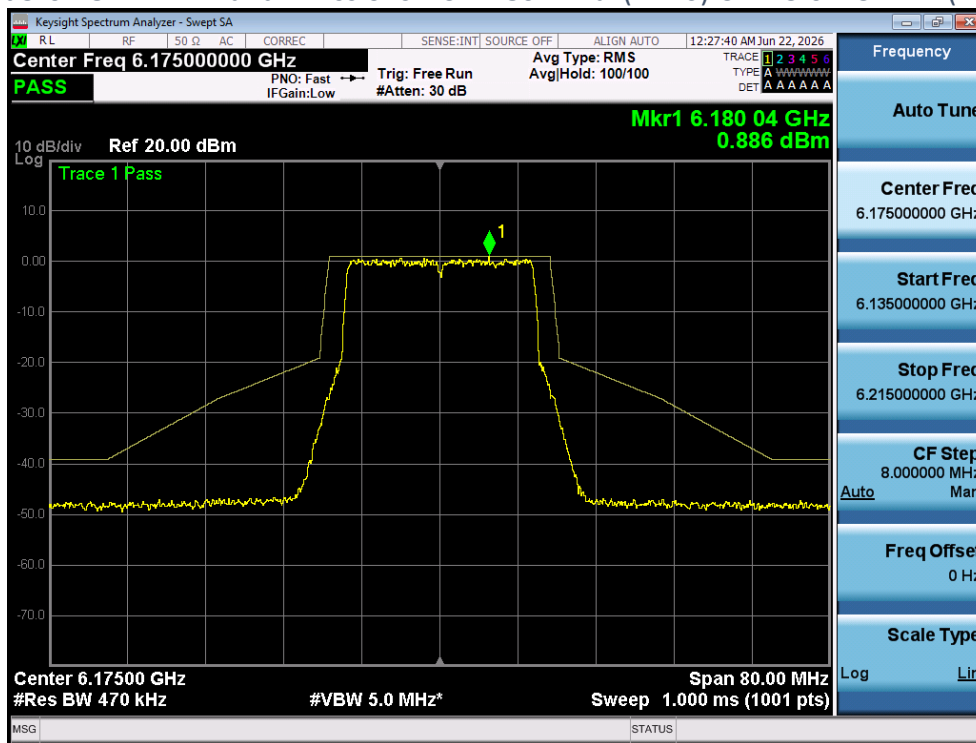
Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	SP		LPI		VLP	
						Ant1	Ant2	Ant1	Ant2	Ant1	Ant2
802.11ax (HE20)	UNII-5	5935	2	106T	53	PASS	PASS	PASS	PASS	PASS	PASS
					54	PASS	PASS	PASS	PASS	PASS	PASS
		5955	1	106T	53	PASS	PASS	PASS	PASS	PASS	PASS
					54	PASS	PASS	PASS	PASS	PASS	PASS
		6175	45	106T	53	PASS	PASS	PASS	PASS	PASS	PASS
					54	PASS	PASS	PASS	PASS	PASS	PASS
	UNII-6	6415	93	106T	53	PASS	PASS	PASS	PASS	PASS	PASS
					54	PASS	PASS	PASS	PASS	PASS	PASS
		6435	97	106T	53	×		PASS	PASS	PASS	PASS
					54			PASS	PASS	PASS	PASS
		6475	105	106T	53			PASS	PASS	PASS	PASS
					54			PASS	PASS	PASS	PASS
		6515	113	106T	53			PASS	PASS	PASS	PASS
					54			PASS	PASS	PASS	PASS
	UNII-7	6535	117	106T	53	PASS	PASS	PASS	PASS	PASS	PASS
					54	PASS	PASS	PASS	PASS	PASS	PASS
		6695	149	106T	53	PASS	PASS	PASS	PASS	PASS	PASS
					54	PASS	PASS	PASS	PASS	PASS	PASS
		6855	181	106T	53	PASS	PASS	PASS	PASS	PASS	PASS
					54	PASS	PASS	PASS	PASS	PASS	PASS
	UNII-8	6875	185	106T	53	×		PASS	PASS	PASS	PASS
					54			PASS	PASS	PASS	PASS
		6995	209	106T	53			PASS	PASS	PASS	PASS
					54			PASS	PASS	PASS	PASS
		7115	233	106T	53			PASS	PASS	PASS	PASS
					54			PASS	PASS	PASS	PASS

× = Not Supported for SP mode

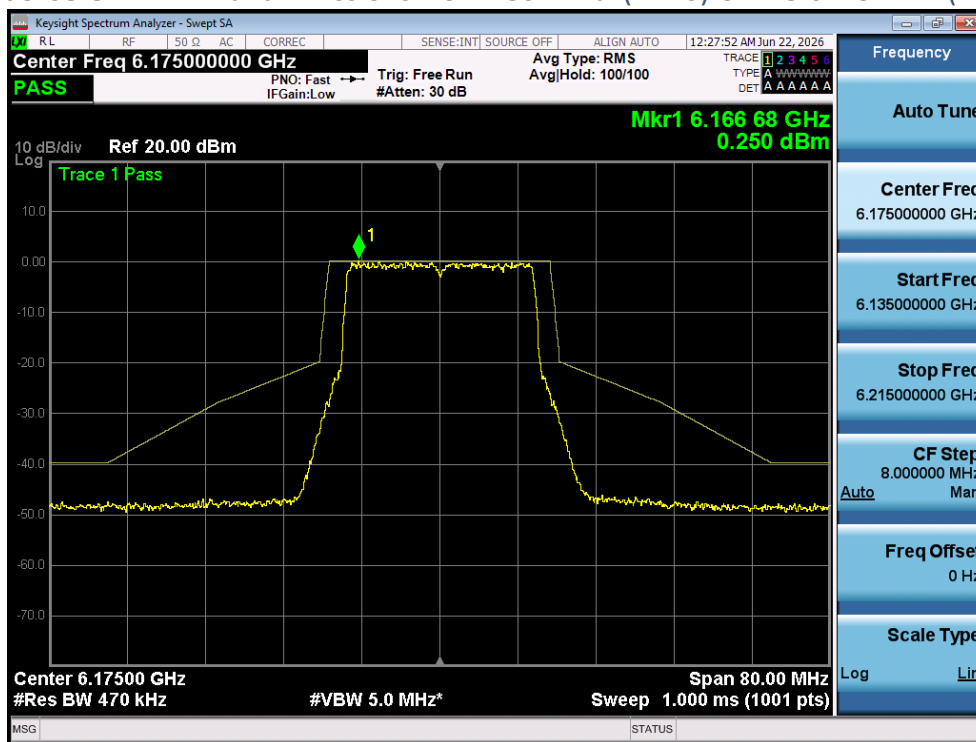
Table 5-44 OFDMA Full Tone In-Band Emissions – SP/LPI/VLP

Mode	Band	freq. [MHz]	CH. [No.]	Tone	Index	SP		LPI		VLP	
						Ant1	Ant2	Ant1	Ant2	Ant1	Ant2
802.11ax (HE20)	UNII-5	5935	2	242T	61	PASS	PASS	PASS	PASS	PASS	PASS
		5955	1		61	PASS	PASS	PASS	PASS	PASS	PASS
		6175	45		61	PASS	PASS	PASS	PASS	PASS	PASS
		6415	93		61	PASS	PASS	PASS	PASS	PASS	PASS
	UNII-6	6435	97	242T	61	×		PASS	PASS	PASS	PASS
		6475	105		61			PASS	PASS	PASS	PASS
		6515	113		61			PASS	PASS	PASS	PASS
	UNII-7	6535	117	242T	61	PASS	PASS	PASS	PASS	PASS	PASS
		6695	149		61	PASS	PASS	PASS	PASS	PASS	PASS
		6855	181		61	PASS	PASS	PASS	PASS	PASS	PASS
	UNII-8	6875	185	242T	61	×		PASS	PASS	PASS	PASS
		6995	209		61			PASS	PASS	PASS	PASS
		7115	233		61			PASS	PASS	PASS	PASS
802.11ax (HE40)	UNII-5	5965	3	484T	65	PASS	PASS	PASS	PASS	PASS	PASS
		6165	43		65	PASS	PASS	PASS	PASS	PASS	PASS
		6405	91		65	PASS	PASS	PASS	PASS	PASS	PASS
	UNII-6	6445	99	484T	65	×		PASS	PASS	PASS	PASS
		6485	107		65			PASS	PASS	PASS	PASS
		6525	115		65			PASS	PASS	PASS	PASS
	UNII-7	6565	123	484T	65	PASS	PASS	PASS	PASS	PASS	PASS
		6725	155		65	PASS	PASS	PASS	PASS	PASS	PASS
		6845	179		65	PASS	PASS	PASS	PASS	PASS	PASS
	UNII-8	6885	187	484T	65	×		PASS	PASS	PASS	PASS
		7005	211		65			PASS	PASS	PASS	PASS
		7085	227		65			PASS	PASS	PASS	PASS
802.11ax (HE80)	UNII-5	5985	7	996T	67	PASS	PASS	PASS	PASS	PASS	PASS
		6145	39		67	PASS	PASS	PASS	PASS	PASS	PASS
		6385	87		67	PASS	PASS	PASS	PASS	PASS	PASS
	UNII-6	6465	103	996T	67	×		PASS	PASS	PASS	PASS
		6545	119		67			PASS	PASS	PASS	PASS
		6625	135		67	PASS	PASS	PASS	PASS	PASS	PASS
	UNII-7	6705	151	996T	67	PASS	PASS	PASS	PASS	PASS	PASS
		6785	167		67	PASS	PASS	PASS	PASS	PASS	PASS
		6865	183		67	×		PASS	PASS	PASS	PASS
	UNII-8	6945	199	996T	67			PASS	PASS	PASS	PASS
		7025	215		67			PASS	PASS	PASS	PASS
		7105	231		67			PASS	PASS	PASS	PASS
802.11ax (HE160)	UNII-5	6025	15	996T*2	68	PASS	PASS	PASS	PASS	PASS	PASS
		6185	47		68	PASS	PASS	PASS	PASS	PASS	PASS
		6345	79		68	PASS	PASS	PASS	PASS	PASS	PASS
	UNII-6	6505	111	996T*2	68	×		PASS	PASS	PASS	PASS
	UNII-7	6665	143	996T*2	68	PASS	PASS	PASS	PASS	PASS	PASS
	UNII-8	6825	175	996T*2	68	×		PASS	PASS	PASS	PASS
		6985	207		68			PASS	PASS	PASS	PASS

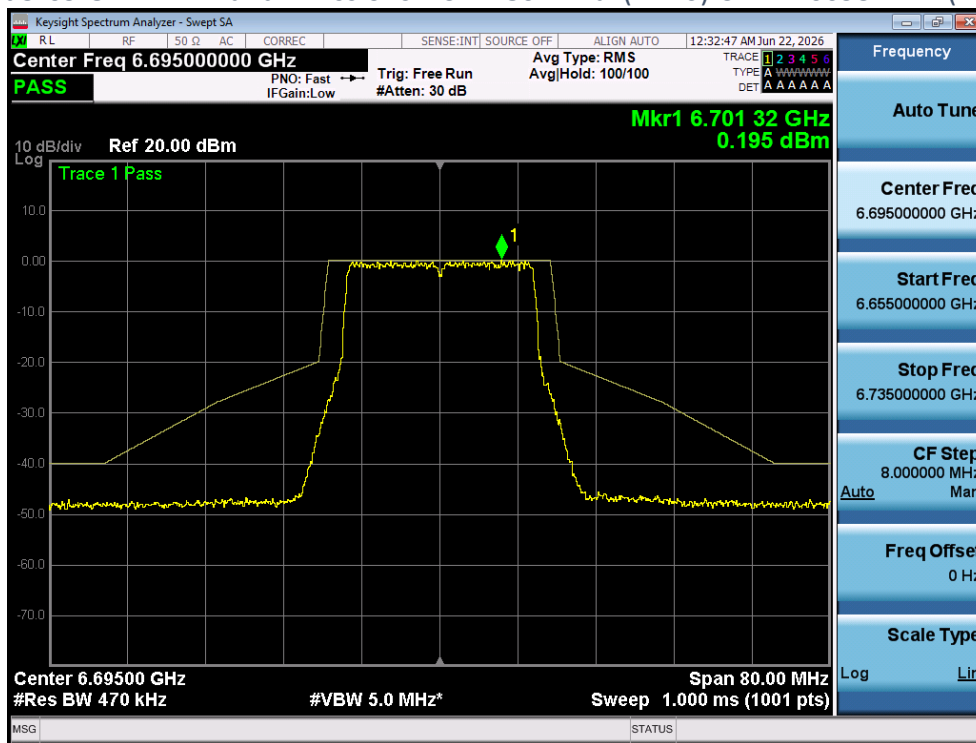
Plot 5-67 OFDM In-Band Emissions – SP – 802.11ax(HE20) UNII-5 6175 MHz (Ant 1)



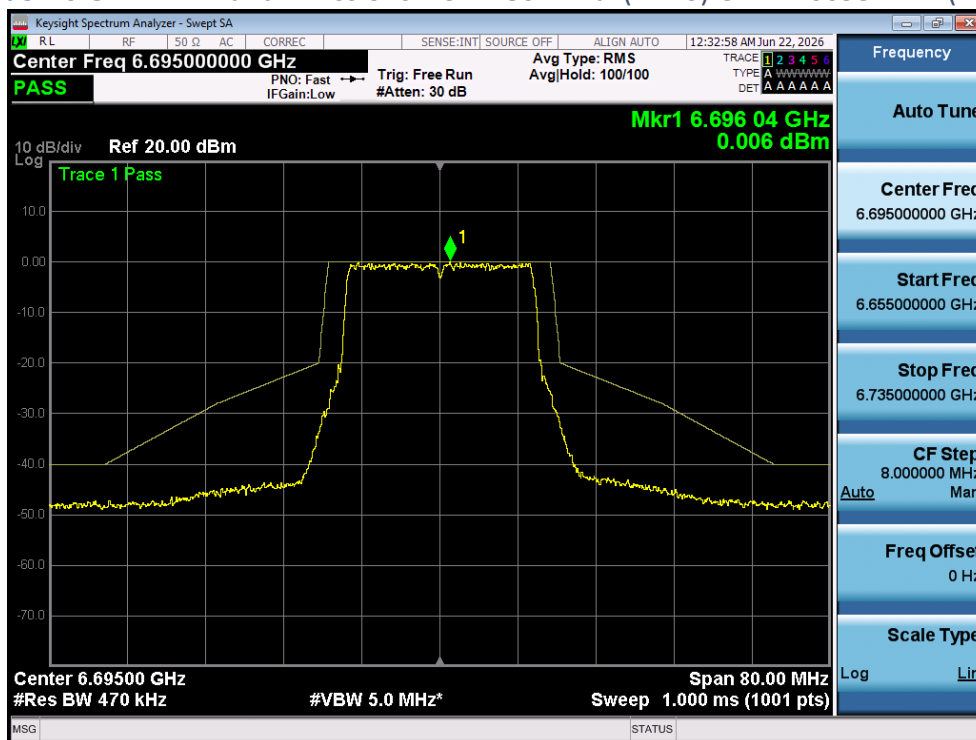
Plot 5-68 OFDM In-Band Emissions – SP – 802.11ax(HE20) UNII-5 6175 MHz (Ant 2)



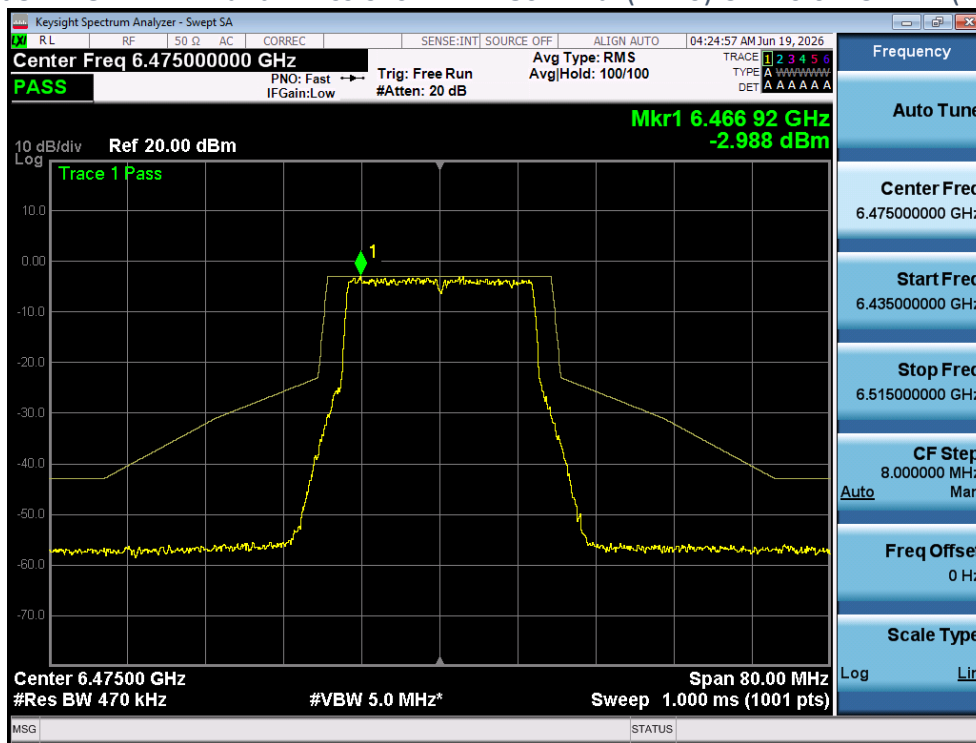
Plot 5-69 OFDM In-Band Emissions – SP – 802.11ax(HE20) UNII-7 6695 MHz (Ant 1)



Plot 5-70 OFDM In-Band Emissions – SP – 802.11ax(HE20) UNII-7 6695 MHz (Ant 2)



Plot 5-71 OFDM In-Band Emissions – LPI – 802.11ax(HE20) UNII-6 6475 MHz (Ant 1)



Plot 5-72 OFDM In-Band Emissions – LPI – 802.11ax(HE20) UNII-6 6475 MHz (Ant 2)

