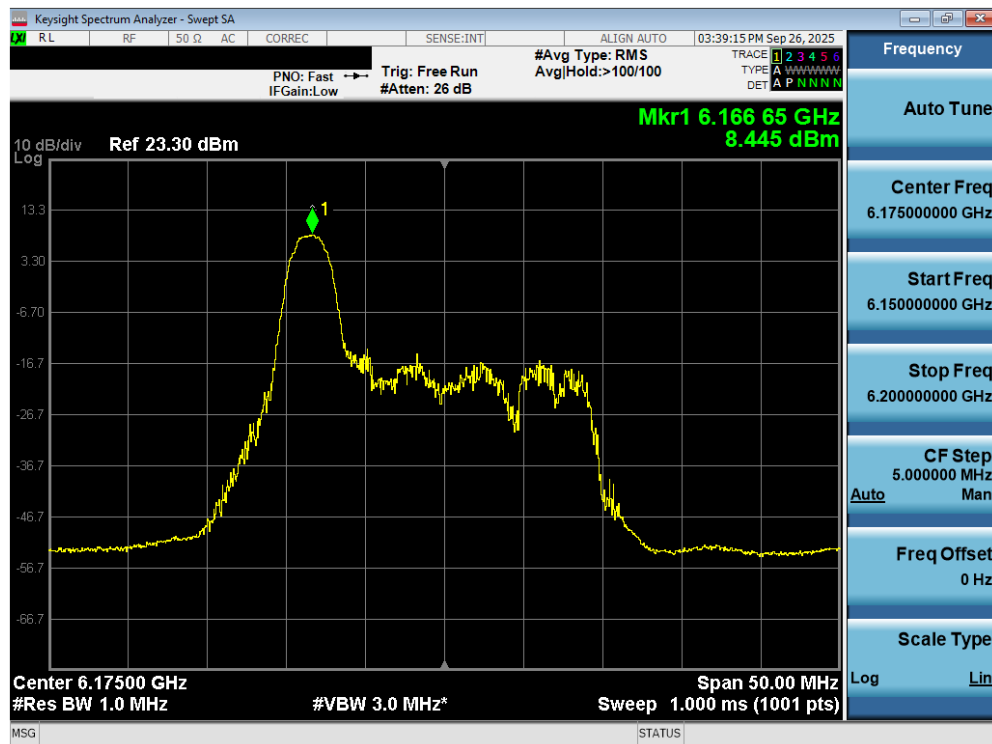
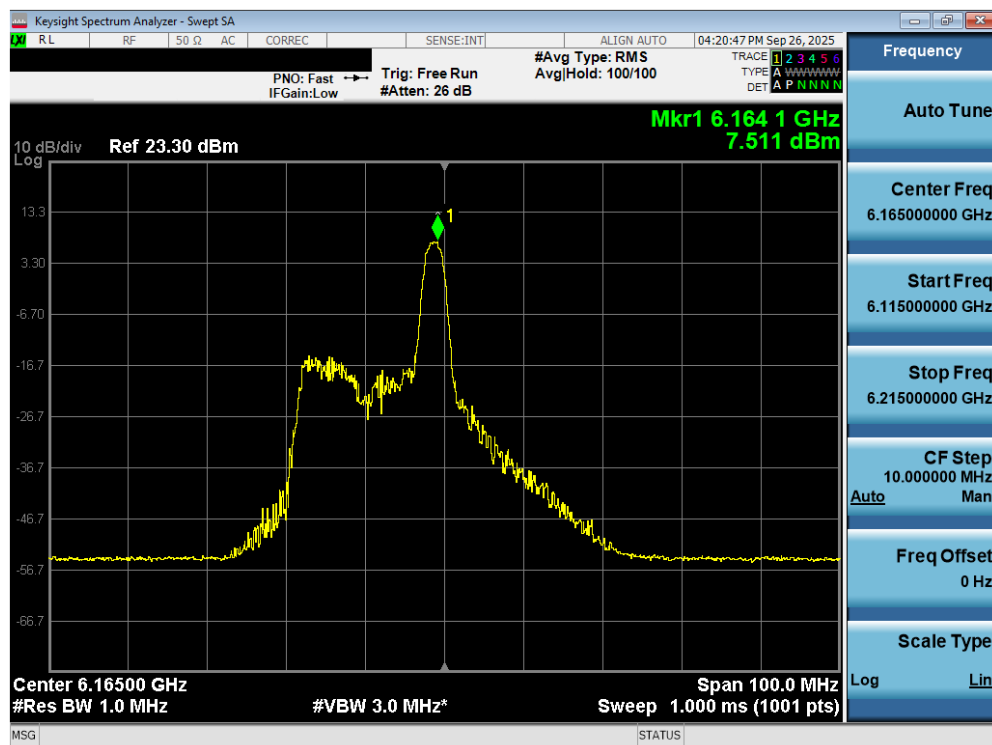


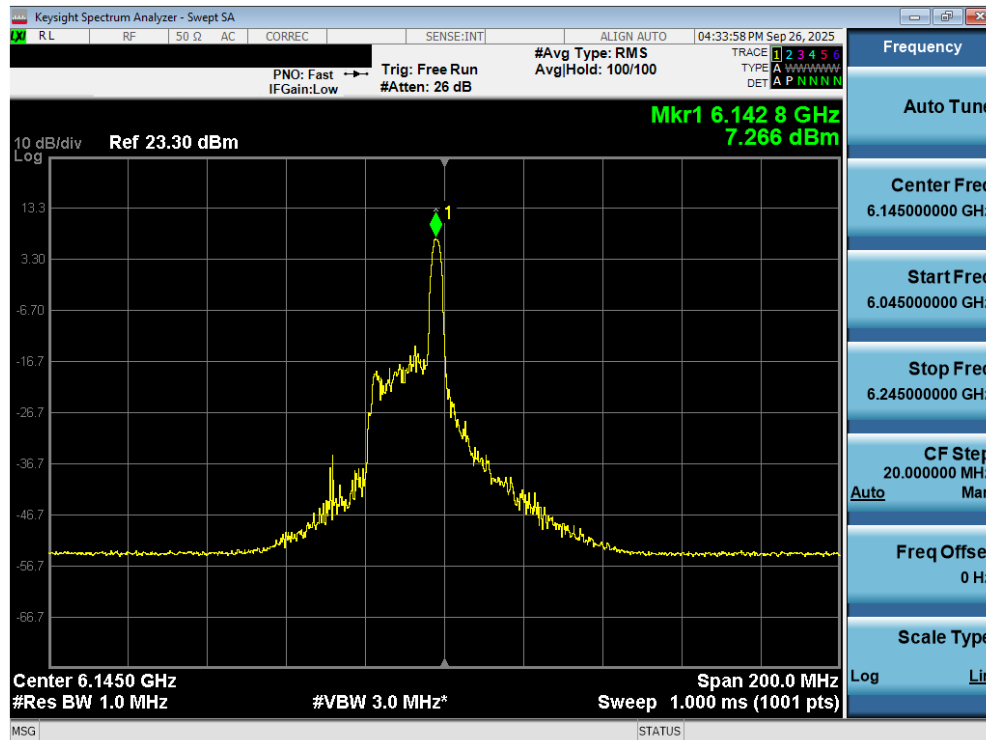


Plot 7-94. Power Spectral Density Plot MIMO ANT2 (20MHz 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 45) - SP

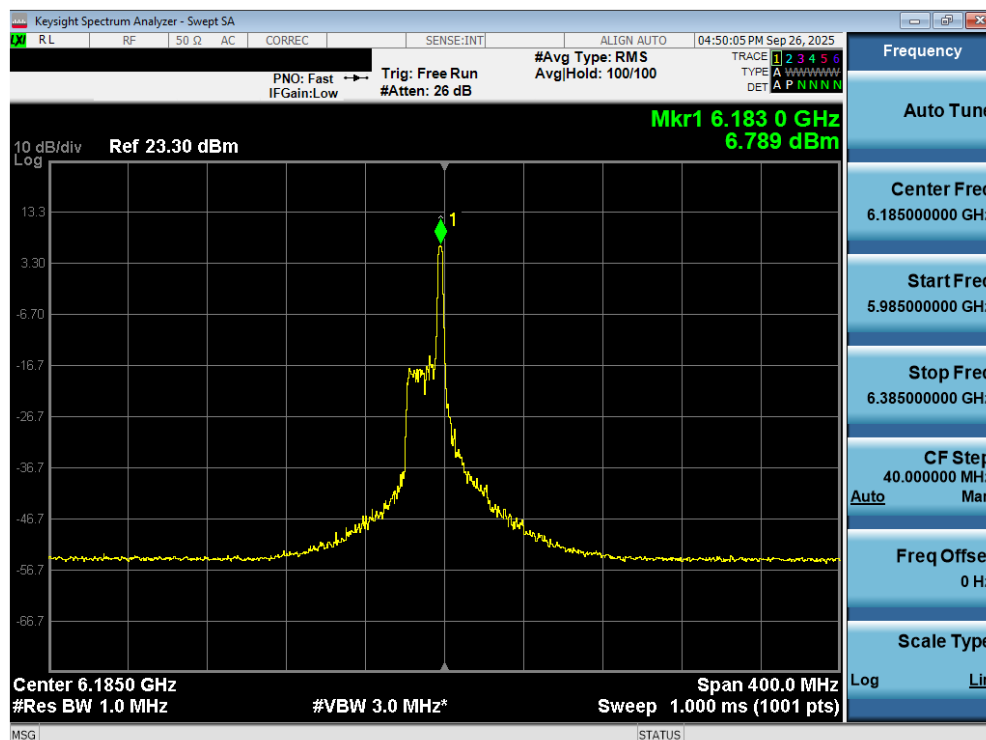


Plot 7-95. Power Spectral Density Plot MIMO ANT2 (40MHz 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 43) - SP

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 97 of 169

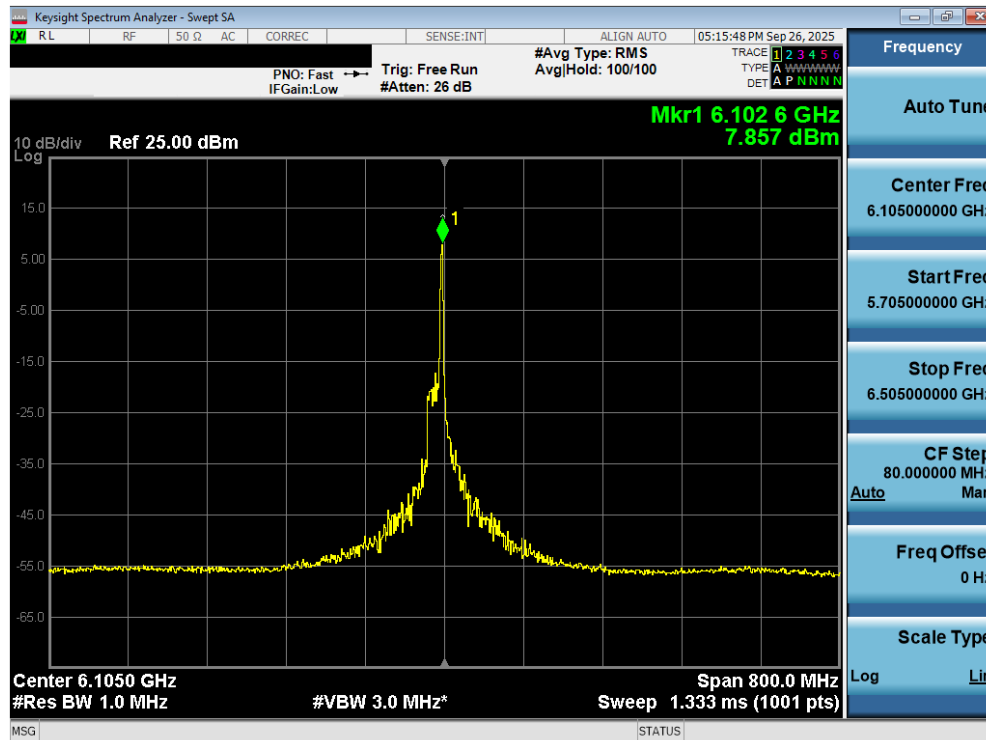


Plot 7-96. Power Spectral Density Plot MIMO ANT2 (80MHz 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 39) – SP

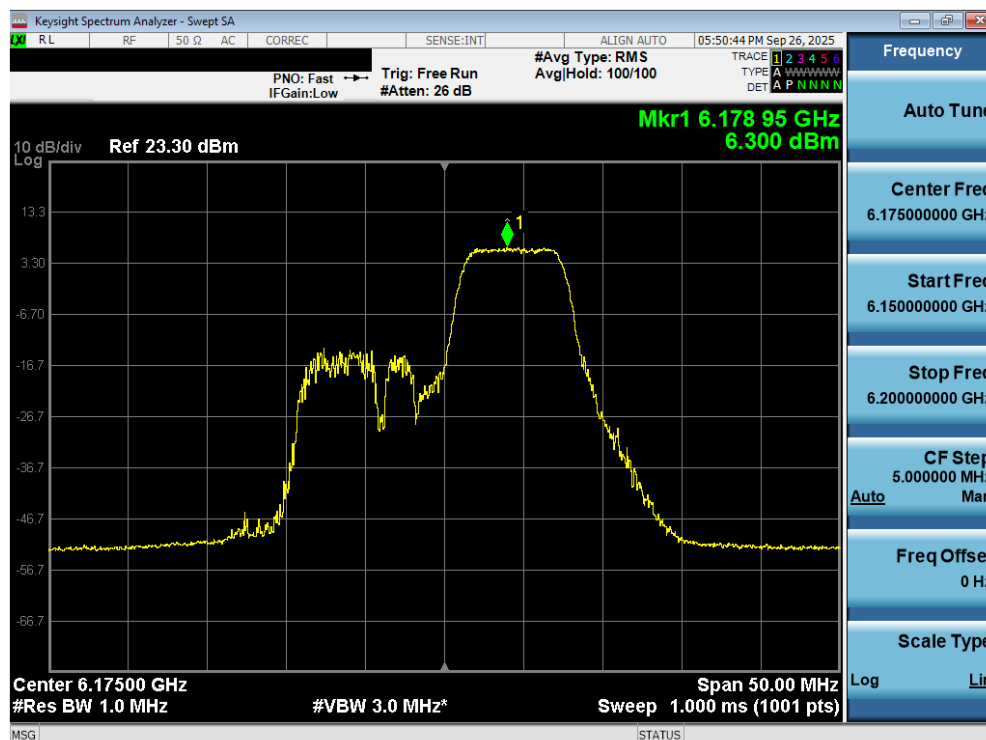


Plot 7-97. Power Spectral Density Plot MIMO ANT2 (160MHz 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 47) - SP

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 98 of 169

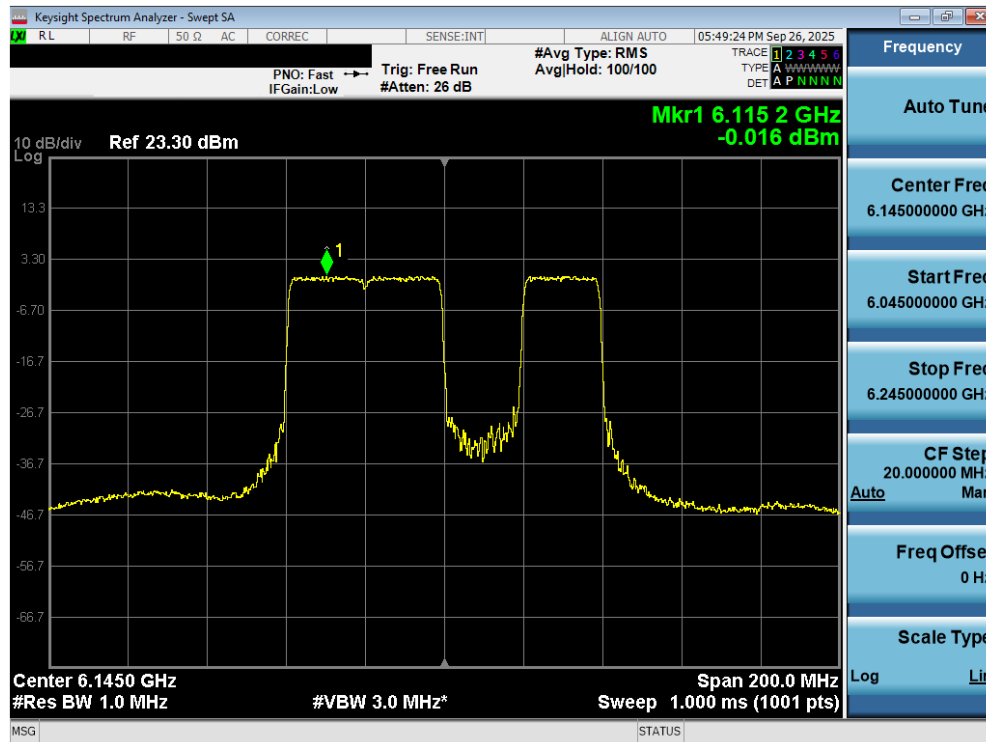


Plot 7-98. Power Spectral Density Plot MIMO ANT2 (320MHz 802.11be (26 Tones) (UNII Band 5) – Ch. 31) - SP

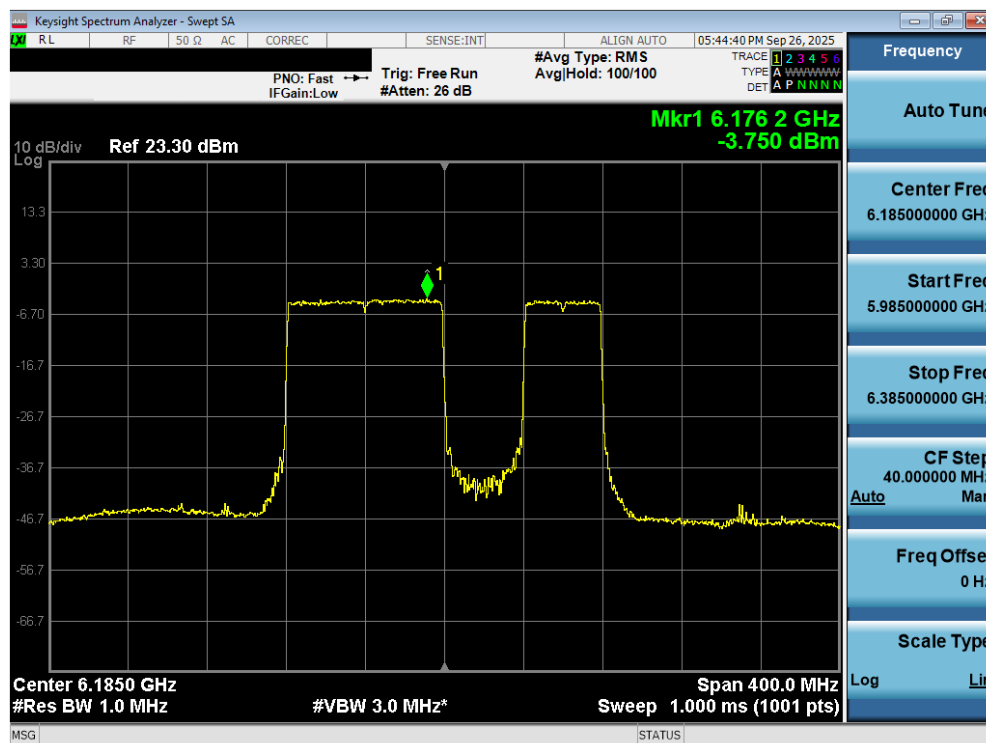


Plot 7-99. Power Spectral Density Plot MIMO ANT2 (20MHz 802.11be (52+26 Tones) (UNII Band 5) – Ch. 45) – SP

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 99 of 169

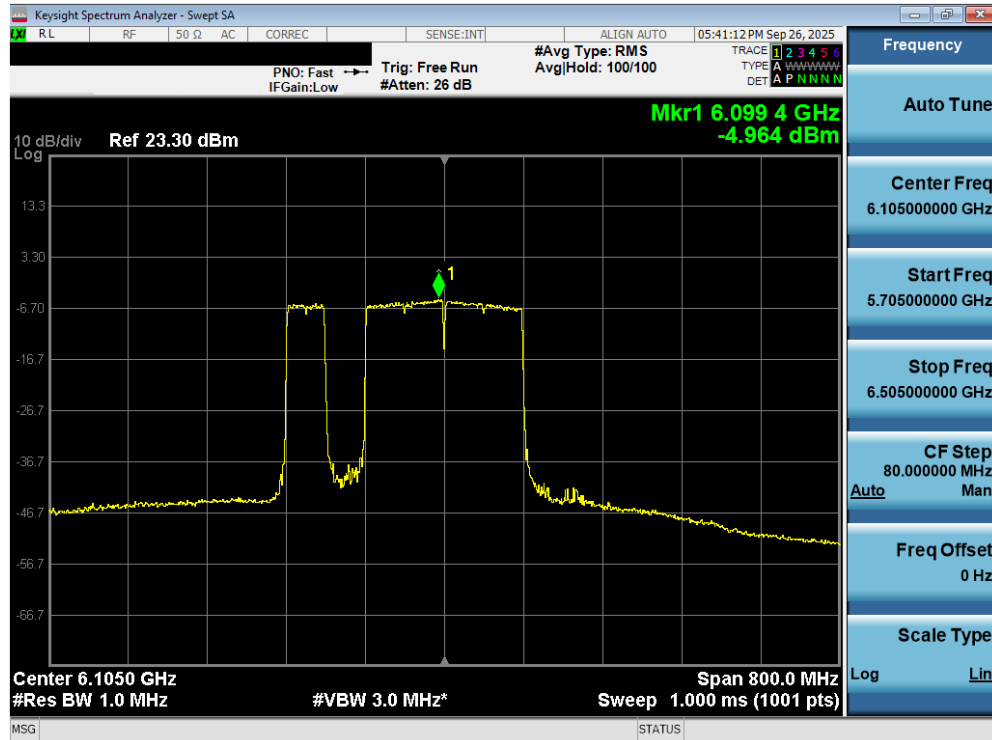


Plot 7-100. Power Spectral Density Plot MIMO ANT2 (80MHz 802.11be (484+242 Tones) (UNII Band 5) – Ch. 39) SP

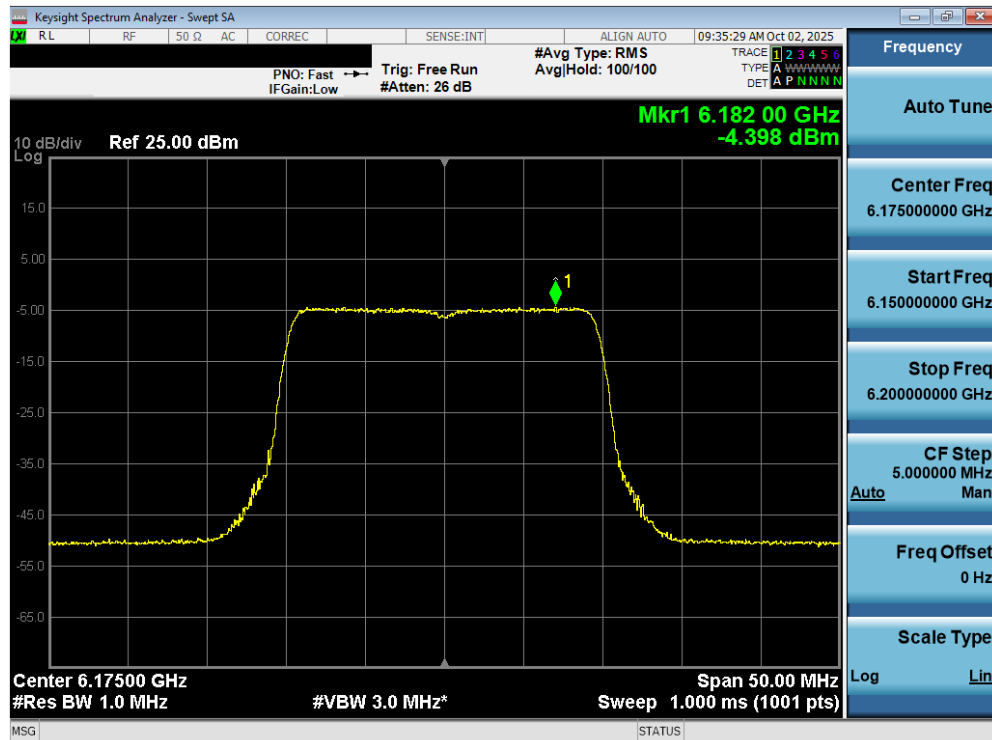


Plot 7-101. Power Spectral Density Plot MIMO ANT2 (160MHz 802.11be (996+484 Tones) (UNII Band 5) – Ch. 47) SP

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 100 of 169

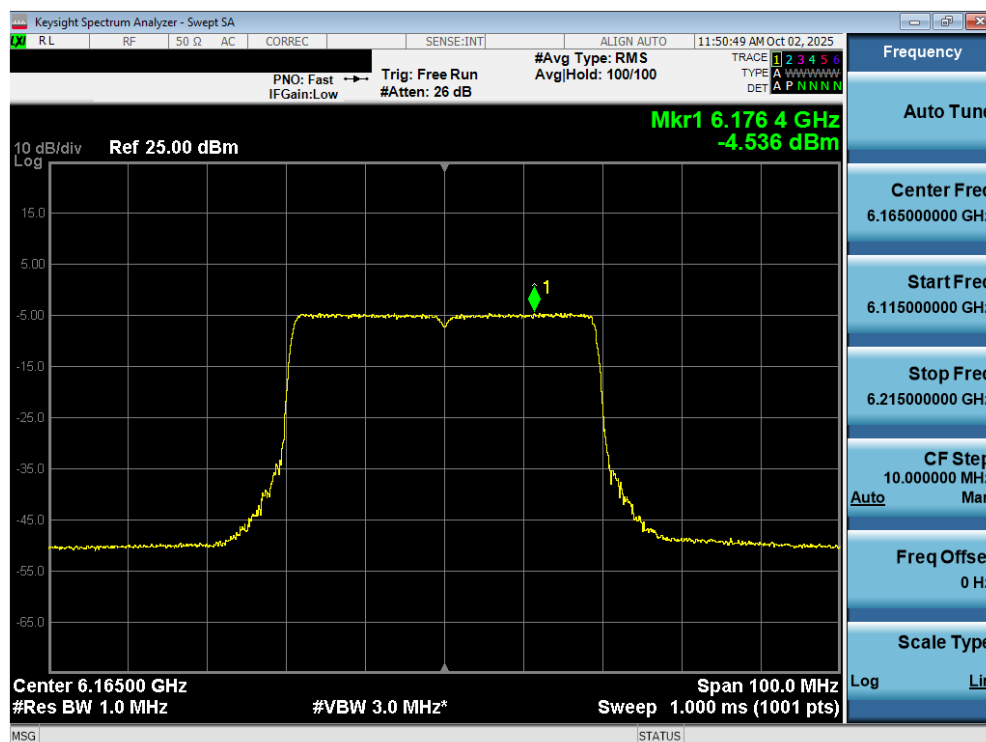


Plot 7-102. Power Spectral Density Plot MIMO ANT2 (320MHz 802.11be (2*996+484 Tones) (UNII Band 5) – Ch. 31) SP

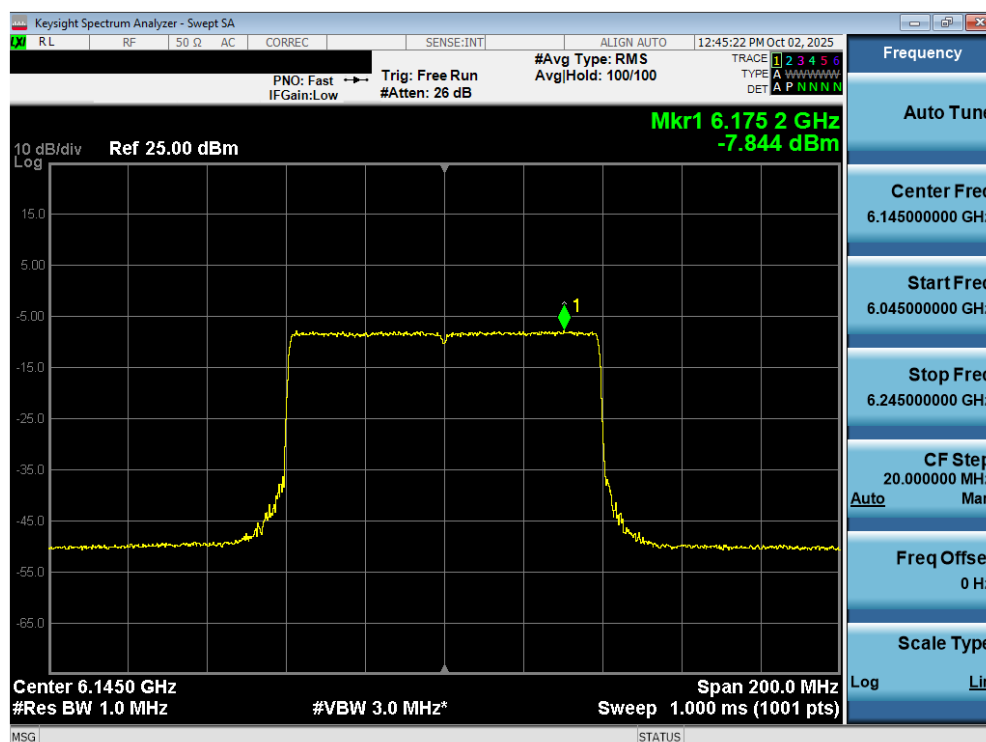


Plot 7-103. Power Spectral Density Plot MIMO ANT2 (20MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 45) - LPI

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 101 of 169

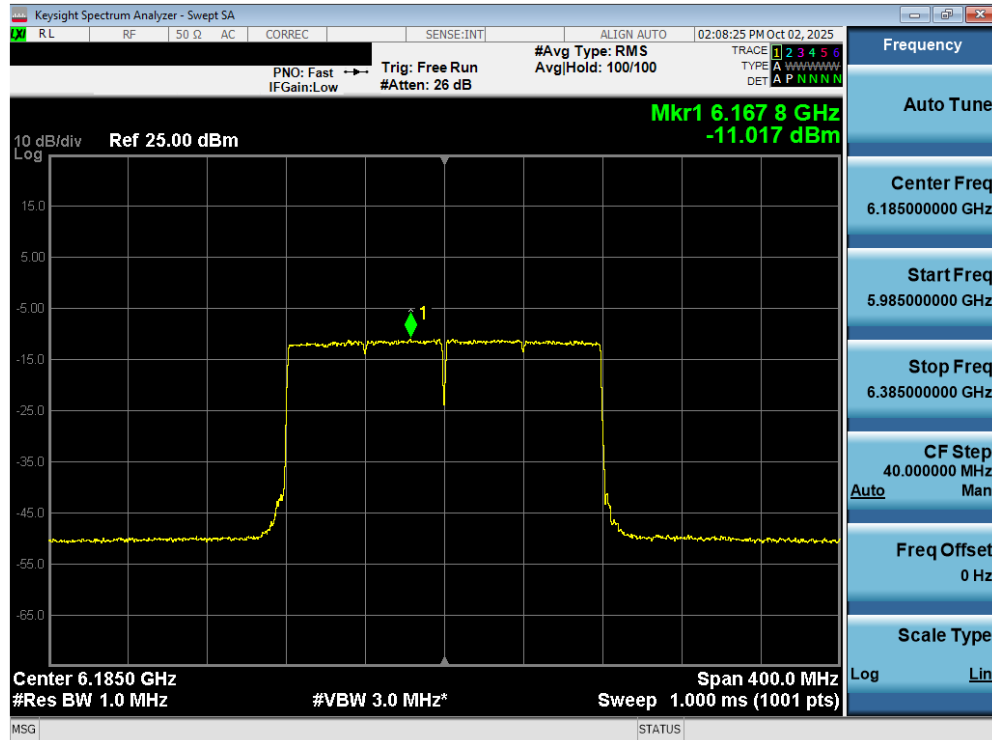


Plot 7-104. Power Spectral Density Plot MIMO ANT2 (40MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 43) - LPI

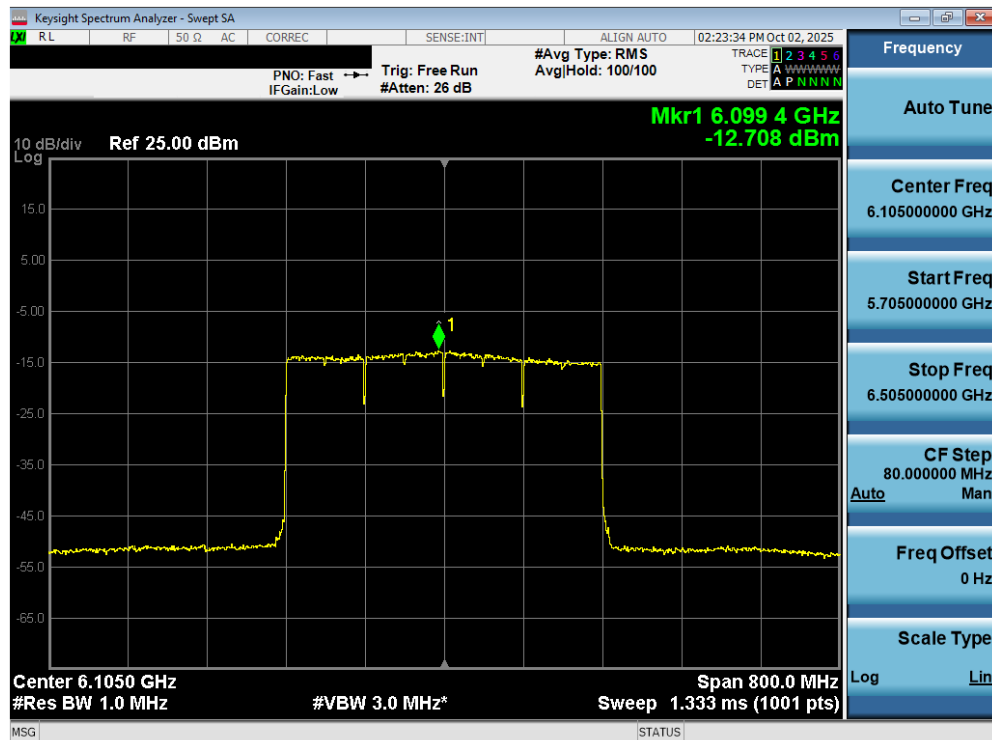


Plot 7-105. Power Spectral Density Plot MIMO ANT2 (80MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 39) - LPI

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 102 of 169

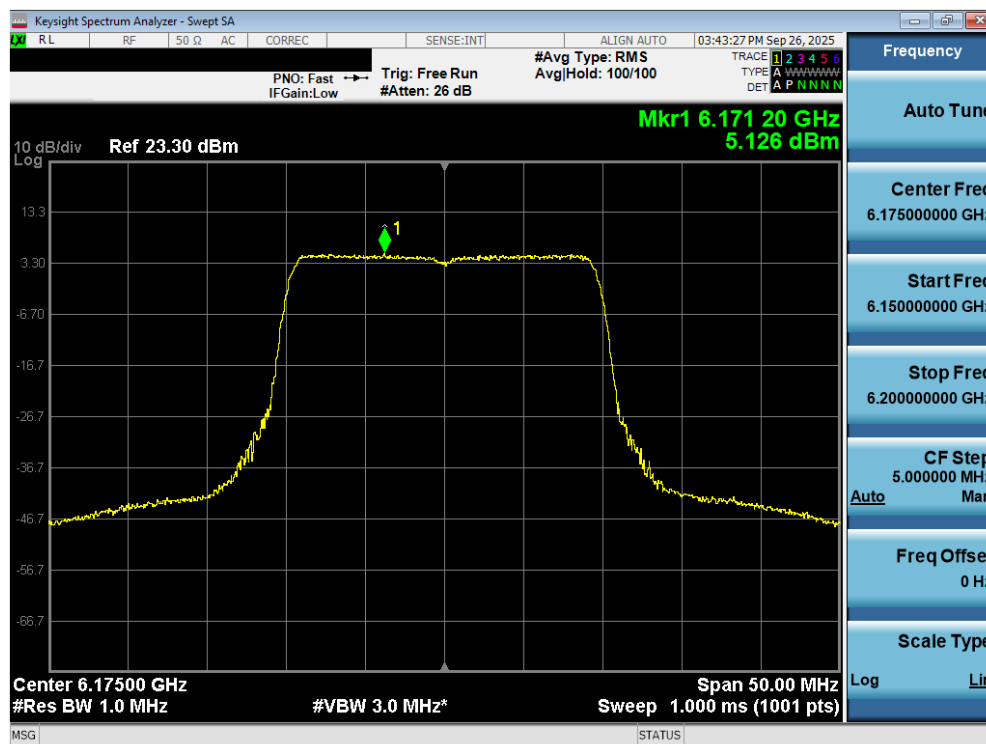


Plot 7-106. Power Spectral Density Plot MIMO ANT2 (160MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 47) - LPI

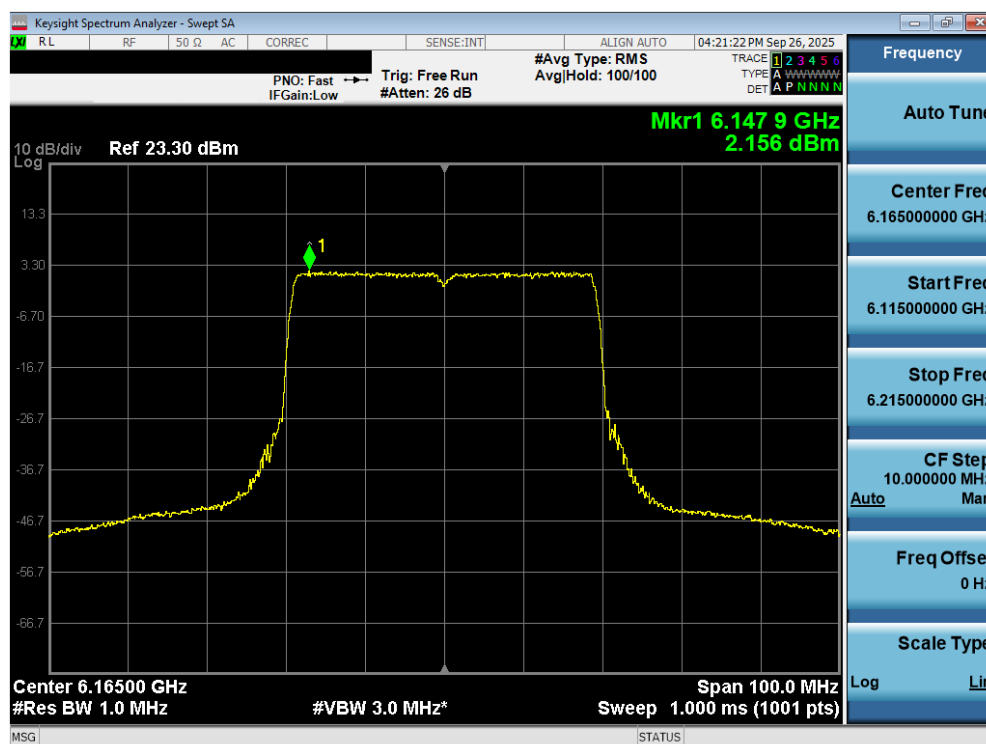


Plot 7-107. Power Spectral Density Plot MIMO ANT2 (320MHz 802.11be (Full Tones) (UNII Band 5) – Ch. 31) - LPI

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 103 of 169

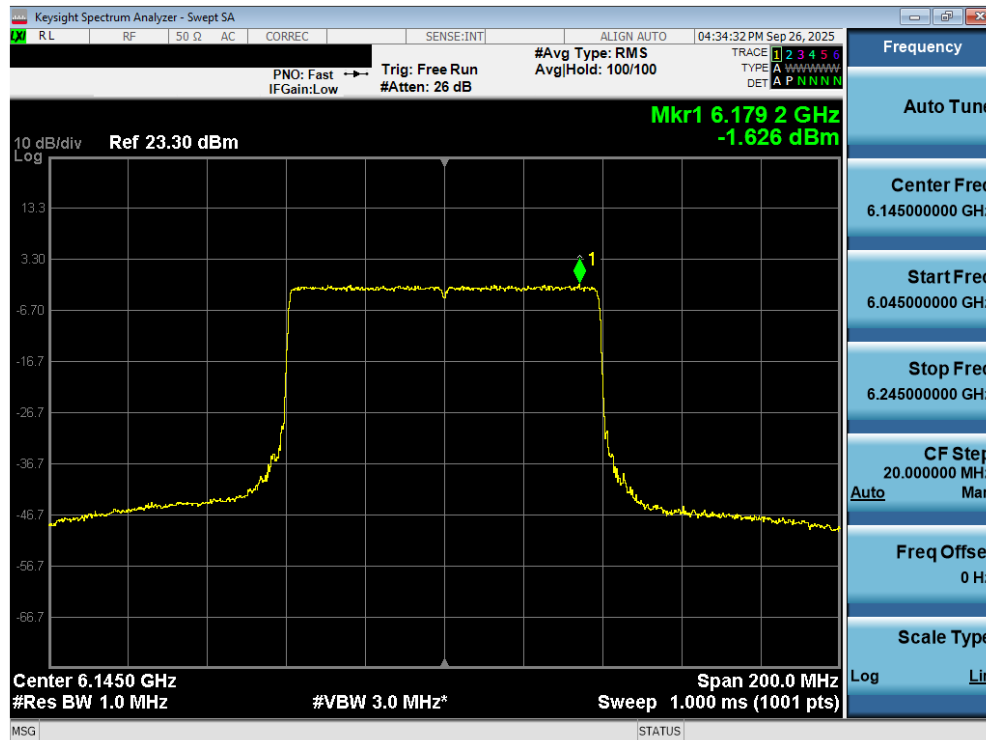


Plot 7-108. Power Spectral Density Plot MIMO ANT2 (20MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 45) - SP

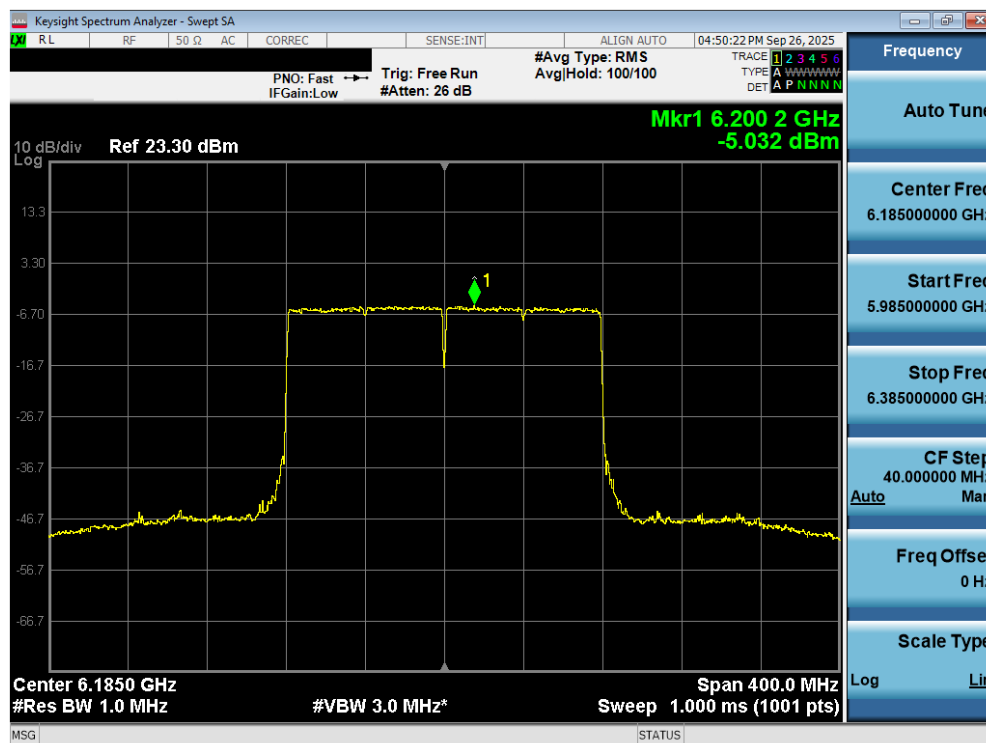


Plot 7-109. Power Spectral Density Plot MIMO ANT2 (40MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 43) – SP

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 104 of 169



Plot 7-110. Power Spectral Density Plot MIMO Ant2 (80MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 39) - SP



Plot 7-111. Power Spectral Density Plot MIMO ANT2 (160MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 47) - SP

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 105 of 169



Plot 7-112. Power Spectral Density Plot MIMO ANT2 (320MHz 802.11be (Full Tones) (UNII Band 5) – Ch. 31) - SP

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 106 of 169

Note:

Per ANSI C63.10:2020 Section 14.5.2.3 the power spectral density at Antenna 1 and Antenna 2 were first measured separately as shown in the section above. The measured values were then summed in linear power units then converted back to dBm.

Per ANSI C63.10:2020 Section 14.6.3, the directional gain is calculated using the following formula, where G_N is the gain of the nth antenna and N_{ANT} , the total number of antennas used.

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

Sample MIMO Calculation:

At 5935MHz in 802.11be (20MHz BW) mode, the average conducted power spectral density was measured to be -3.49 dBm for Antenna-1 and -3.78 dBm for Antenna-2.

$$\text{Antenna 1} + \text{Antenna 2} = \text{MIMO}$$

$$(-3.49 \text{ dBm} + -3.78 \text{ dBm}) = (0.448 \text{ mW} + 0.419 \text{ mW}) = 0.867 \text{ mW} = -0.62 \text{ dBm}$$

Sample e.i.r.p Power Spectral Density Calculation:

At 5935 MHz in 802.11ax (20MHz BW) mode, the average MIMO power density was calculated to be -0.62 dBm with directional gain of -0.62 dBi.

$$\text{e.i.r.p. Power Spectral Density(dBm)} = \text{Power Spectral Density (dBm)} + \text{Ant gain (dBi)}$$

$$-0.62 \text{ dBm} + -0.62 \text{ dBi} = -1.24 \text{ dBm}$$

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 107 of 169

7.5 In-Band Emissions

Test Overview and Limit

The spectrum analyzer was connected to the antenna terminal while the EUT was operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10:2020, and at the appropriate frequencies.

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.

Test Procedure Used

KDB 987594 D02 v03

Test Settings

1. Connect output of the antenna port to a spectrum analyzer or EMI receiver, with appropriate attenuation, as to not damage the instrumentation.
2. Set the reference level of the measuring equipment in accordance with procedure 4.1.6.2 of ANSI C63.10:2020.
3. Measure the 26 dB EBW using the test procedure 12.5.2 of ANSI C63.10:2020. (This will be used to determine the channel edge.)
4. 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) Set RBW = same RBW used for 26 dB EBW measurement.
 - c) Set VBW $\geq 3 \times$ RBW
 - d) Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$.
 - e) Sweep time = auto.
 - f) Detector = RMS (i.e., power averaging)
 - 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.
5. For the purposes of developing the emission mask, the channel bandwidth is defined as the 26 dB EBW.
6. 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 defined as 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.
7. Adjust the span to encompass the entire mask as necessary.
8. Clear trace.
9. Trace average at least 100 traces in power averaging (rms) mode.
10. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 108 of 169

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



Figure 7-4. Test Instrument & Measurement Setup

Test Notes

None.

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 109 of 169

	Frequency [MHz]	Channel	802.11 MODE	Antenna-1 In-Band Emission	Antenna-2 In-Band Emission
Band 5	5935	2	be (20MHz)	PASS	PASS
	6175	45	be (20MHz)	PASS	PASS
	6415	93	be (20MHz)	PASS	PASS
	5965	3	be (40MHz)	PASS	PASS
	6165	43	be (40MHz)	PASS	PASS
	6405	91	be (40MHz)	PASS	PASS
	5985	7	be (80MHz)	PASS	PASS
	6145	39	be (80MHz)	PASS	PASS
	6385	87	be (80MHz)	PASS	PASS
	6025	15	be (160MHz)	PASS	PASS
	6185	47	be (160MHz)	PASS	PASS
	6345	79	be (160MHz)	PASS	PASS
	6105	31	be (320MHz)	PASS	PASS
	6265	63	be (320MHz)	PASS	PASS
Band 6	6435	97	be (20MHz)	PASS	PASS
	6475	105	be (20MHz)	PASS	PASS
	6515	113	be (20MHz)	PASS	PASS
	6445	99	be (40MHz)	PASS	PASS
	6485	107	be (40MHz)	PASS	PASS
	6525	115	be (40MHz)	PASS	PASS
	6465	103	be (80MHz)	PASS	PASS
	6505	111	be (160MHz)	PASS	PASS
Band 5/6/7	6425	95	be (320MHz)	PASS	PASS
Band 7	6695	117	be (20MHz)	PASS	PASS
	6695	149	be (20MHz)	PASS	PASS
	6875	185	be (20MHz)	PASS	PASS
	6565	123	be (40MHz)	PASS	PASS
	6725	155	be (40MHz)	PASS	PASS
	6845	179	be (40MHz)	PASS	PASS
	6545	119	be (80MHz)	PASS	PASS
	6705	151	be (80MHz)	PASS	PASS
	6865	183	be (80MHz)	PASS	PASS
	6665	143	be (160MHz)	PASS	PASS
	6825	175	be (160MHz)	PASS	PASS
Band 6/7	6585	127	be (320MHz)	PASS	PASS
Band 7/8	6745	159	be (320MHz)	PASS	PASS
Band 8	6895	189	be (20MHz)	PASS	PASS
	6995	209	be (20MHz)	PASS	PASS
	7115	233	be (20MHz)	PASS	PASS
	6885	187	be (40MHz)	PASS	PASS
	6965	211	be (40MHz)	PASS	PASS
	7085	227	be (40MHz)	PASS	PASS
	6945	199	be (80MHz)	PASS	PASS
	7025	215	be (80MHz)	PASS	PASS
	6985	207	be (160MHz)	PASS	PASS
Band 7/8	6985	191	be (320MHz)	PASS	PASS

Table 7-44. In Band Emissions Results Measurements (26 Tones) – LPI

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 110 of 169

	Frequency [MHz]	Channel	802.11 MODE	Antenna-1 In-Band Emission	Antenna-2 In-Band Emission
Band 5	5935	2	be (20MHz)	PASS	PASS
	6175	45	be (20MHz)	PASS	PASS
	6415	93	be (20MHz)	PASS	PASS
	5965	3	be (40MHz)	PASS	PASS
	6165	43	be (40MHz)	PASS	PASS
	6405	91	be (40MHz)	PASS	PASS
	5985	7	be (80MHz)	PASS	PASS
	6145	39	be (80MHz)	PASS	PASS
	6385	87	be (80MHz)	PASS	PASS
	6025	15	be (160MHz)	PASS	PASS
	6185	47	be (160MHz)	PASS	PASS
	6345	79	be (160MHz)	PASS	PASS
	6105	31	be (320MHz)	PASS	PASS
	6265	63	be (320MHz)	PASS	PASS
Band 6	6435	97	be (20MHz)	PASS	PASS
	6475	105	be (20MHz)	PASS	PASS
	6515	113	be (20MHz)	PASS	PASS
	6445	99	be (40MHz)	PASS	PASS
	6485	107	be (40MHz)	PASS	PASS
	6525	115	be (40MHz)	PASS	PASS
	6465	103	be (80MHz)	PASS	PASS
	6505	111	be (160MHz)	PASS	PASS
Band 5/6/7	6425	95	be (320MHz)	PASS	PASS
Band 7	6695	117	be (20MHz)	PASS	PASS
	6695	149	be (20MHz)	PASS	PASS
	6875	185	be (20MHz)	PASS	PASS
	6565	123	be (40MHz)	PASS	PASS
	6725	155	be (40MHz)	PASS	PASS
	6845	179	be (40MHz)	PASS	PASS
	6545	119	be (80MHz)	PASS	PASS
	6705	151	be (80MHz)	PASS	PASS
	6865	183	be (80MHz)	PASS	PASS
	6665	143	be (160MHz)	PASS	PASS
	6825	175	be (160MHz)	PASS	PASS
Band 6/7	6585	127	be (320MHz)	PASS	PASS
Band 7/8	6745	159	be (320MHz)	PASS	PASS
Band 8	6895	189	be (20MHz)	PASS	PASS
	6995	209	be (20MHz)	PASS	PASS
	7115	233	be (20MHz)	PASS	PASS
	6885	187	be (40MHz)	PASS	PASS
	6965	211	be (40MHz)	PASS	PASS
	7085	227	be (40MHz)	PASS	PASS
	6945	199	be (80MHz)	PASS	PASS
	7025	215	be (80MHz)	PASS	PASS
	6985	207	be (160MHz)	PASS	PASS
Band 7/8	6905	191	be (320MHz)	PASS	PASS

Table 7-45. In Band Emissions Results Measurements (Full Tones) – LPI

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 111 of 169

	Frequency [MHz]	Channel	802.11 MODE	MRU Cases	Antenna-1 In-Band Emission	Antenna-2 In-Band Emission
Band 5	6175	45	be (20MHz)	52+26T	PASS	PASS
	6175	45	be (20MHz)	106+26T	PASS	PASS
	6145	39	be (80MHz)	484+242T	PASS	PASS
	6185	47	be (160MHz)	996+484T	PASS	PASS
	6105	31	be (320MHz)	2x996+484T	PASS	PASS
	6105	31	be (320MHz)	3x996T	PASS	PASS
	6105	31	be (320MHz)	2x996+484T	PASS	PASS
Band 6	6475	105	be (20MHz)	52+26T	PASS	PASS
	6475	105	be (20MHz)	106+26T	PASS	PASS
	6465	103	be (80MHz)	484+242T	PASS	PASS
	6505	111	be (160MHz)	996+484T	PASS	PASS
Band 5/6/7	6425	95	be (320MHz)	3x996+484T	PASS	PASS
	6425	95	be (320MHz)	3x996T	PASS	PASS
	6425	95	be (320MHz)	2x996+484T	PASS	PASS
Band 7	6695	149	be (20MHz)	52+26T	PASS	PASS
	6695	149	be (20MHz)	106+26T	PASS	PASS
	6705	151	be (80MHz)	484+242T	PASS	PASS
	6665	143	be (160MHz)	996+484T	PASS	PASS
Band 7/8	6745	159	be (320MHz)	3x996+484T	PASS	PASS
	6745	159	be (320MHz)	3x996T	PASS	PASS
	6745	159	be (320MHz)	2x996+484T	PASS	PASS
Band 8	6995	209	be (20MHz)	52+26T	PASS	PASS
	6995	209	be (20MHz)	106+26T	PASS	PASS
	6945	199	be (80MHz)	484+242T	PASS	PASS
	6985	207	be (160MHz)	996+484T	PASS	PASS
Band 7/8	6905	191	be (320MHz)	3x996+484T	PASS	PASS
	6905	191	be (320MHz)	3x996T	PASS	PASS
	6905	191	be (320MHz)	2x996+484T	PASS	PASS

Table 7-46. In Band Emissions Results Measurements (MRU) – LPI

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 112 of 169

	Frequency [MHz]	Channel	802.11 MODE	Antenna-1 In-Band Emission	Antenna-2 In-Band Emission
Band 5	5935	2	be (20MHz)	PASS	PASS
	6175	45	be (20MHz)	PASS	PASS
	6415	93	be (20MHz)	PASS	PASS
	5965	3	be (40MHz)	PASS	PASS
	6165	43	be (40MHz)	PASS	PASS
	6405	91	be (40MHz)	PASS	PASS
	5985	7	be (80MHz)	PASS	PASS
	6145	39	be (80MHz)	PASS	PASS
	6385	87	be (80MHz)	PASS	PASS
	6025	15	be (160MHz)	PASS	PASS
	6185	47	be (160MHz)	PASS	PASS
	6345	79	be (160MHz)	PASS	PASS
	6105	31	be (320MHz)	PASS	PASS
	6265	63	be (320MHz)	PASS	PASS
Band 7	6695	117	be (20MHz)	PASS	PASS
	6695	149	be (20MHz)	PASS	PASS
	6875	185	be (20MHz)	PASS	PASS
	6565	123	be (40MHz)	PASS	PASS
	6725	155	be (40MHz)	PASS	PASS
	6845	179	be (40MHz)	PASS	PASS
	6545	119	be (80MHz)	PASS	PASS
	6705	151	be (80MHz)	PASS	PASS
	6865	183	be (80MHz)	PASS	PASS
	6665	143	be (160MHz)	PASS	PASS
	6825	175	be (160MHz)	PASS	PASS
Band 6/7	6585	127	be (320MHz)	PASS	PASS
Band 7/8	6745	159	be (320MHz)	PASS	PASS

Table 7-47. In Band Emissions Results Measurements (26 Tones) – SP

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 113 of 169

	Frequency [MHz]	Channel	802.11 MODE	Antenna-1 In-Band Emission	Antenna-2 In-Band Emission
Band 5	5935	2	be (20MHz)	PASS	PASS
	6175	45	be (20MHz)	PASS	PASS
	6415	93	be (20MHz)	PASS	PASS
	5965	3	be (40MHz)	PASS	PASS
	6165	43	be (40MHz)	PASS	PASS
	6405	91	be (40MHz)	PASS	PASS
	5985	7	be (80MHz)	PASS	PASS
	6145	39	be (80MHz)	PASS	PASS
	6385	87	be (80MHz)	PASS	PASS
	6025	15	be (160MHz)	PASS	PASS
	6185	47	be (160MHz)	PASS	PASS
	6345	79	be (160MHz)	PASS	PASS
	6105	31	be (320MHz)	PASS	PASS
	6265	63	be (320MHz)	PASS	PASS
Band 5/6/7	6425	95	be (320MHz)	PASS	PASS
Band 7	6695	117	be (20MHz)	PASS	PASS
	6695	149	be (20MHz)	PASS	PASS
	6875	185	be (20MHz)	PASS	PASS
	6565	123	be (40MHz)	PASS	PASS
	6725	155	be (40MHz)	PASS	PASS
	6845	179	be (40MHz)	PASS	PASS
	6545	119	be (80MHz)	PASS	PASS
	6705	151	be (80MHz)	PASS	PASS
	6865	183	be (80MHz)	PASS	PASS
	6665	143	be (160MHz)	PASS	PASS
	6825	175	be (160MHz)	PASS	PASS
Band 6/7	6585	127	be (320MHz)	PASS	PASS
Band 7/8	6745	159	be (320MHz)	PASS	PASS

Table 7-48. In Band Emissions Results Measurements (Full Tones) – SP

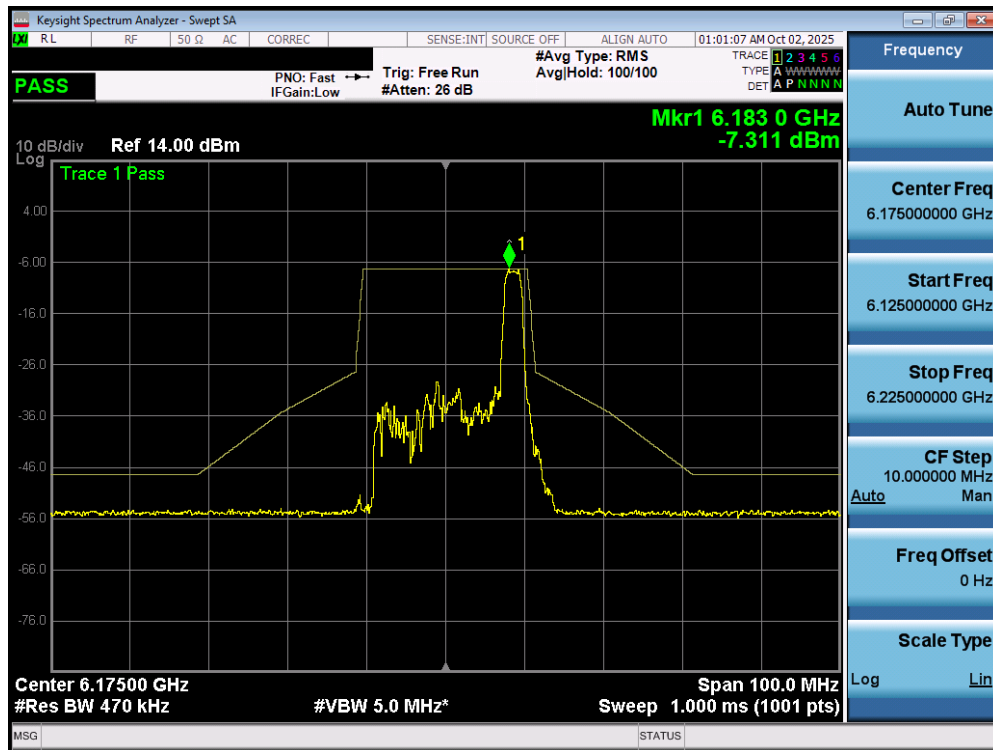
FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 114 of 169

	Frequency [MHz]	Channel	802.11 MODE	MRU Cases	Antenna-1 In-Band Emission	Antenna-2 In-Band Emission
Band 5	6175	45	be (20MHz)	52+26T	PASS	PASS
	6175	45	be (20MHz)	106+26T	PASS	PASS
	6145	39	be (80MHz)	484+242T	PASS	PASS
	6185	47	be (160MHz)	996+484T	PASS	PASS
	6105	31	be (320MHz)	2x996+484T	PASS	PASS
	6105	31	be (320MHz)	3x996T	PASS	PASS
	6105	31	be (320MHz)	2x996+484T	PASS	PASS
Band 7	6695	149	be (20MHz)	52+26T	PASS	PASS
	6695	149	be (20MHz)	106+26T	PASS	PASS
	6705	151	be (80MHz)	484+242T	PASS	PASS
	6665	143	be (160MHz)	996+484T	PASS	PASS
Band 7/8	6745	159	be (320MHz)	3x996+484T	PASS	PASS
	6745	159	be (320MHz)	3x996T	PASS	PASS
	6745	159	be (320MHz)	2x996+484T	PASS	PASS

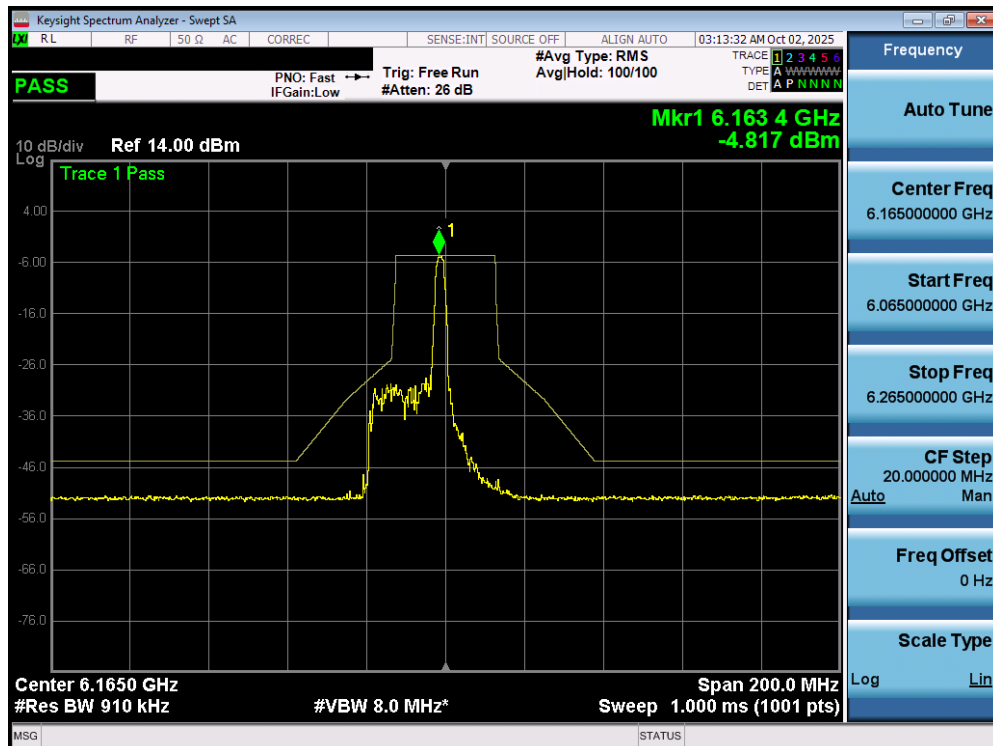
Table 7-49. In Band Emissions Results Measurements (MRU) – SP

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 115 of 169

7.5.1 MIMO Antenna-1 In-Band Emission Measurements

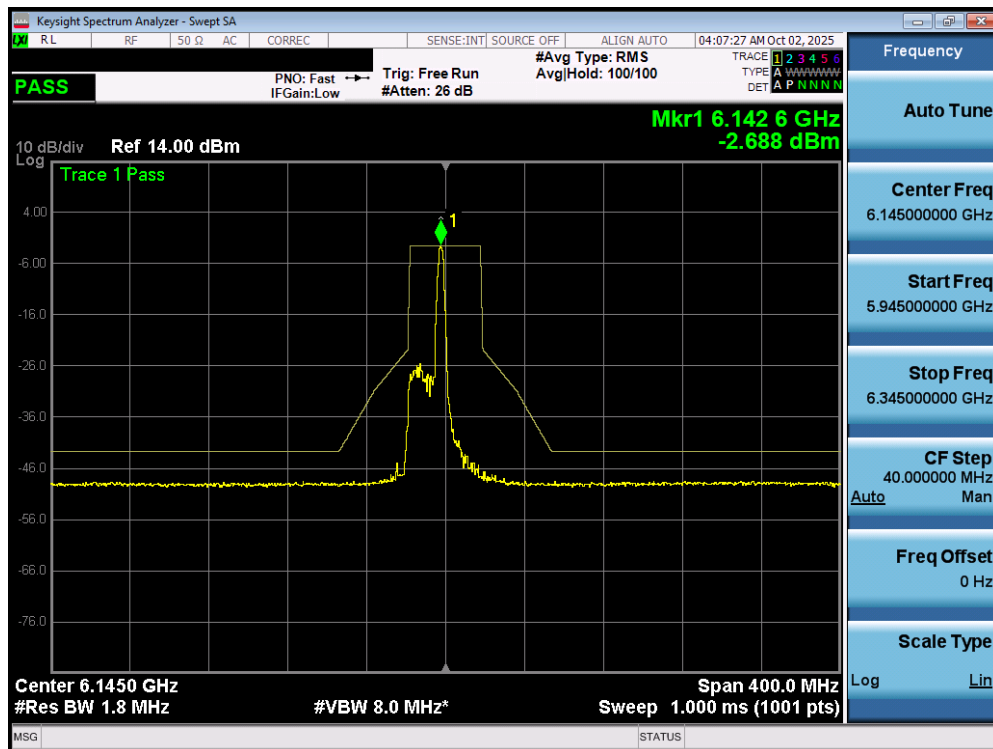


Plot 7-113. In Band Emissions Plot MIMO ANT1 (20MHz 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 45) - LPI

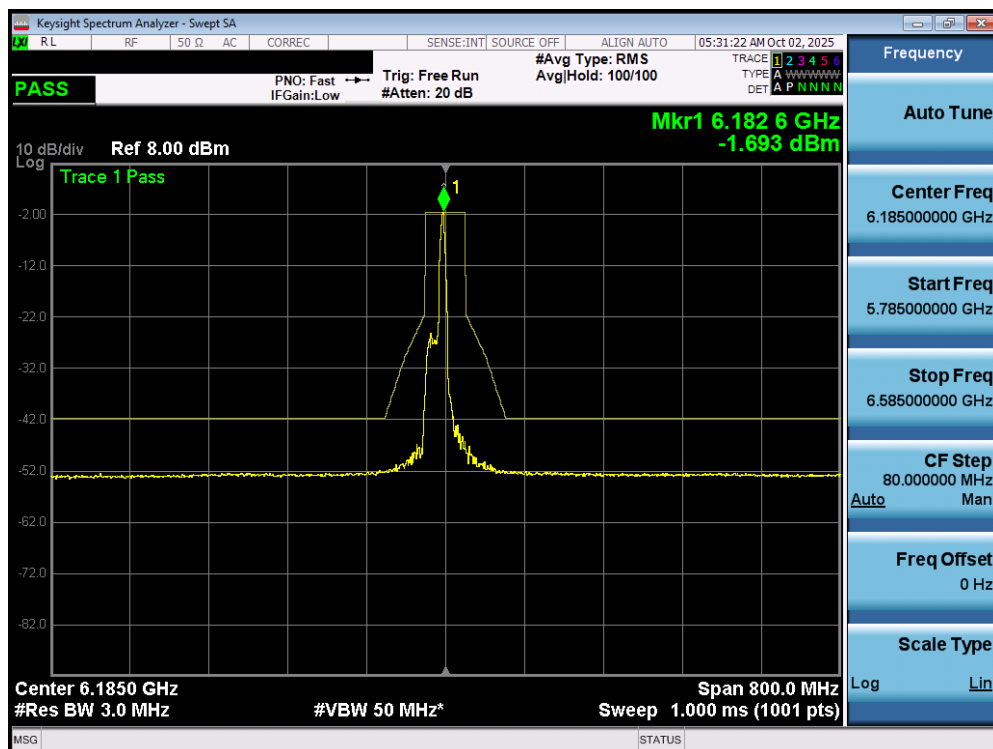


Plot 7-114. In Band Emissions Plot MIMO ANT1 (40MHz 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 43) - LPI

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 116 of 169

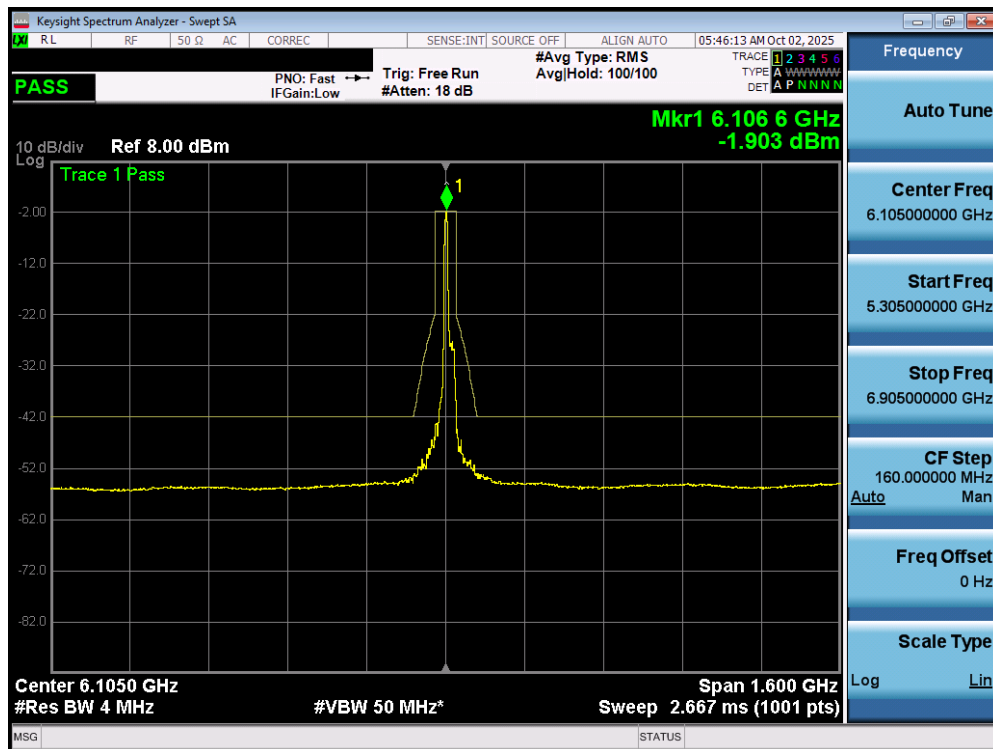


Plot 7-115. In Band Emissions Plot MIMO ANT1 (80MHz 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 39) - LPI

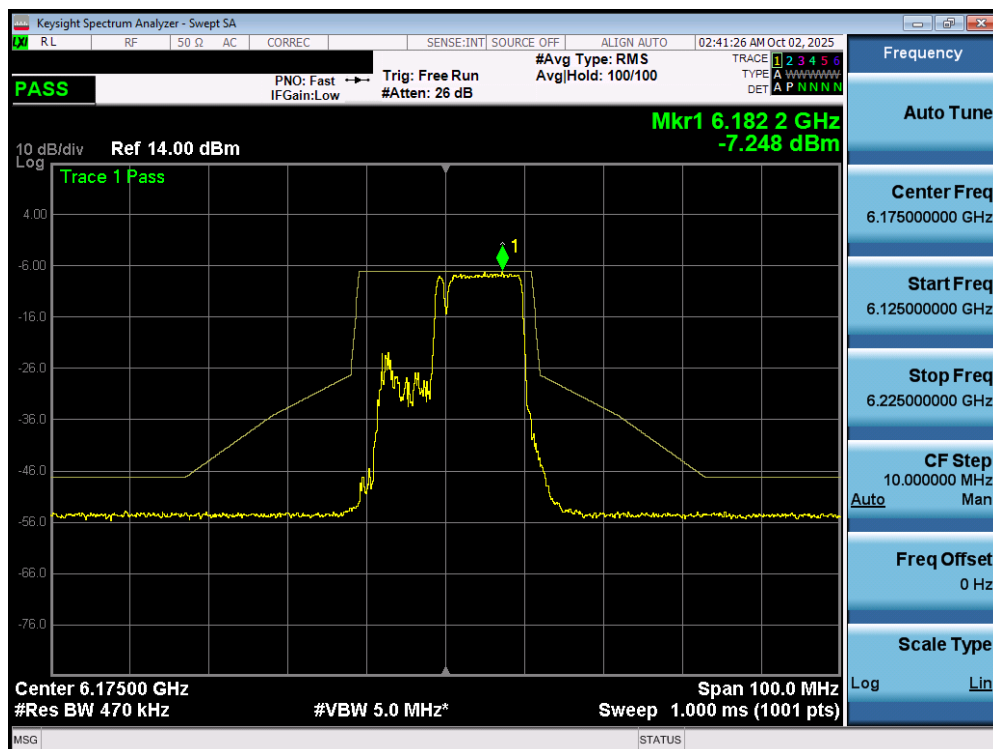


Plot 7-116. In Band Emissions Plot MIMO ANT1 (160MHz 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 47) - LPI

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 117 of 169

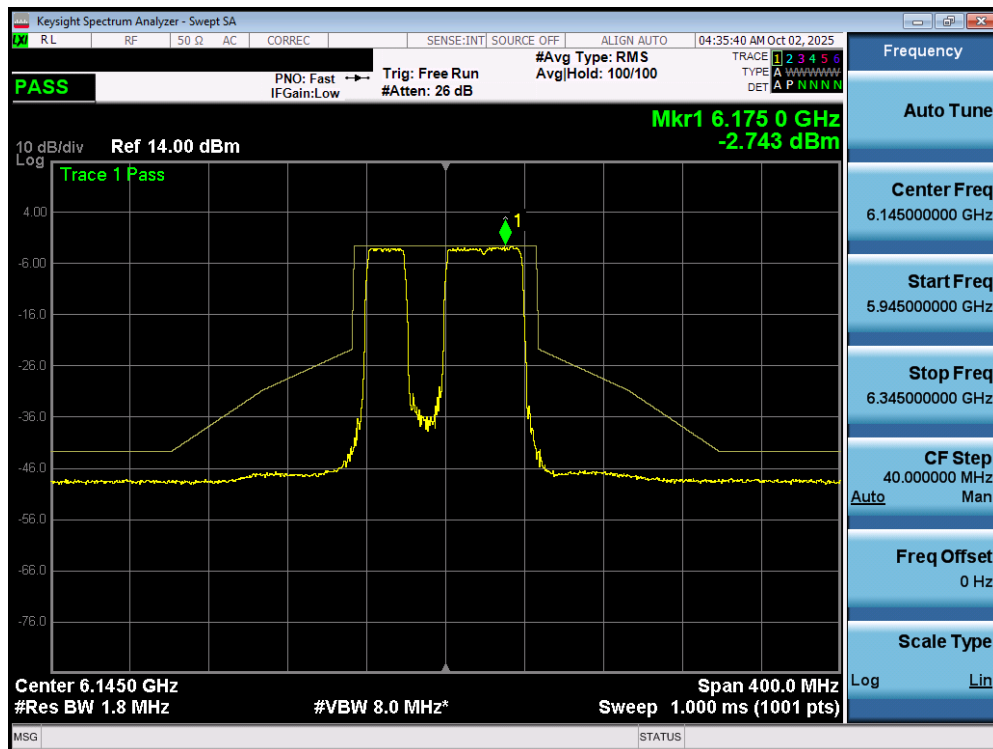


Plot 7-117. In Band Emissions Plot MIMO ANT1 (320MHz 802.11be (26 Tones) (UNII Band 5) – Ch. 31) - LPI

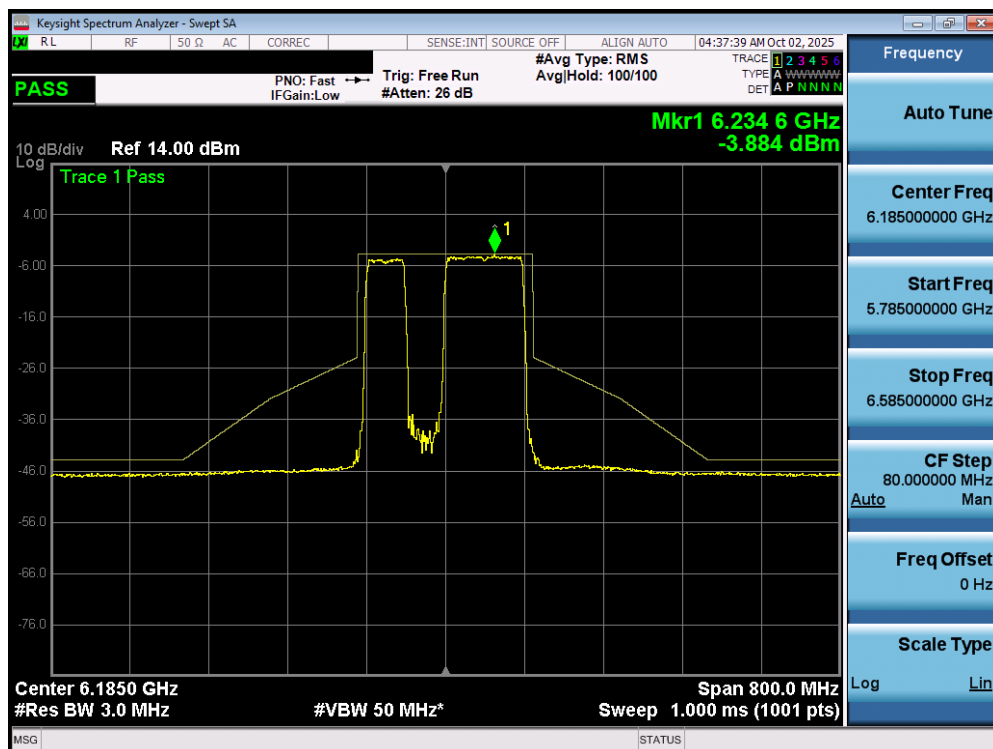


Plot 7-118. In Band Emissions Plot MIMO ANT1 (20MHz 802.11be (106+26 Tones) (UNII Band 5) – Ch. 45) - LPI

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 118 of 169

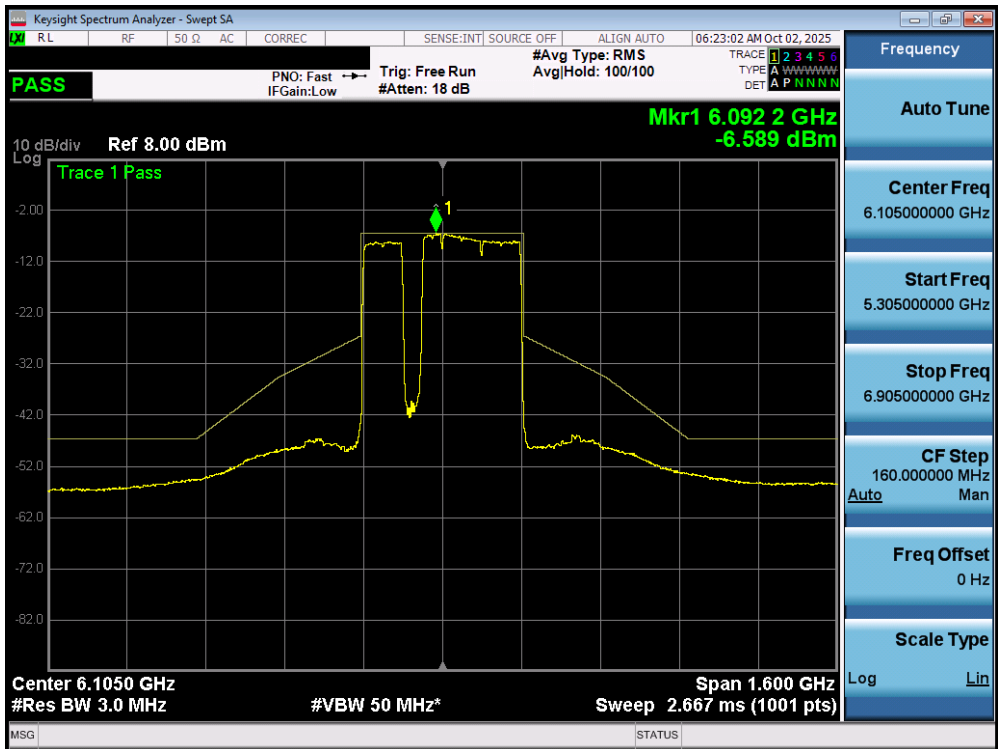


Plot 7-119. In Band Emissions Plot MIMO ANT1 (80MHz 802.11be (484+242 Tones) (UNII Band 5) – Ch. 39) LPI



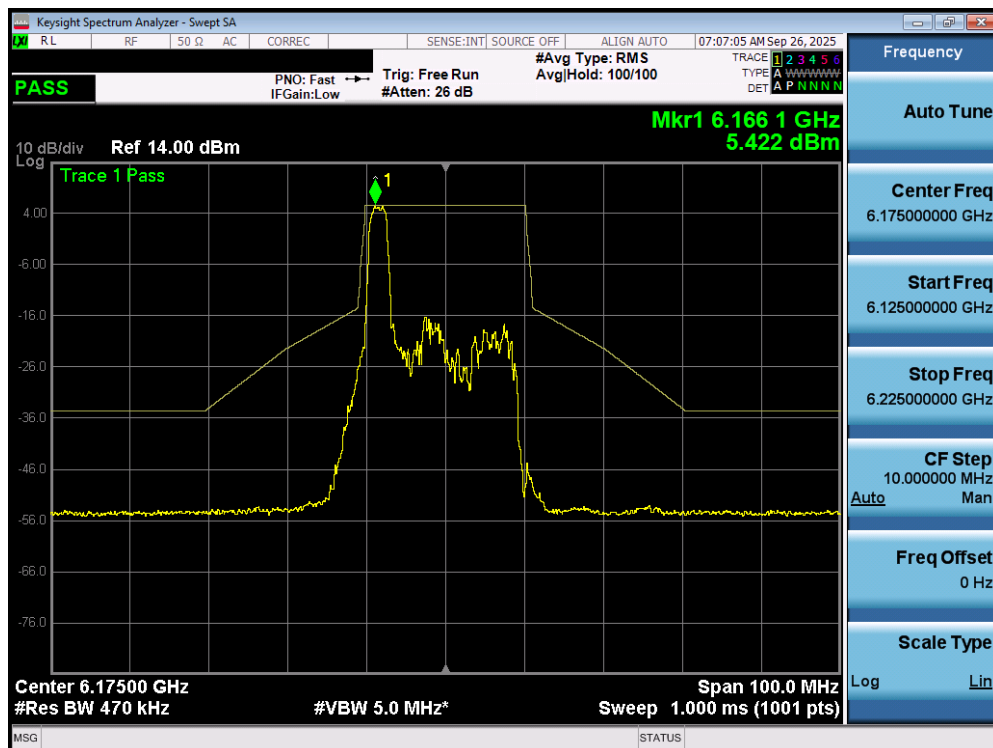
Plot 7-120. In Band Emissions Plot MIMO ANT1 (160MHz 802.11be (996+484 Tones) (UNII Band 5) – Ch. 47) LPI

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 119 of 169

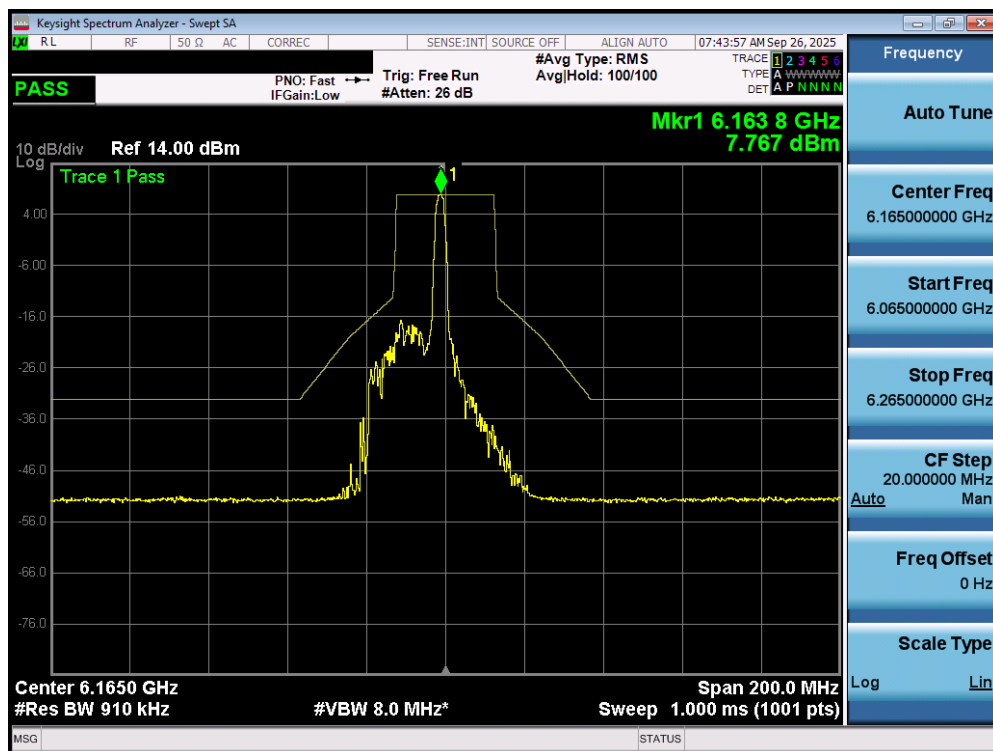


Plot 7-121. In Band Emissions Plot MIMO ANT1 (320MHz 802.11be (3*996+484 Tones) (UNII Band 5) – Ch. 31) LPI

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 120 of 169

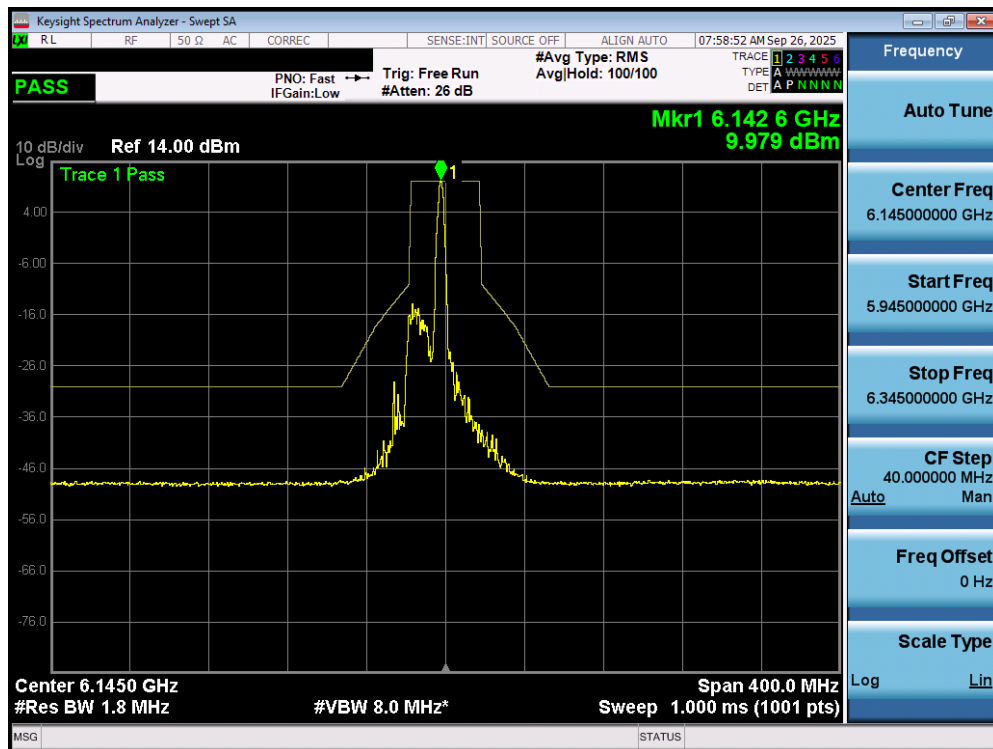


Plot 7-122. In Band Emissions Plot MIMO ANT1 (20MHz 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 45) - SP

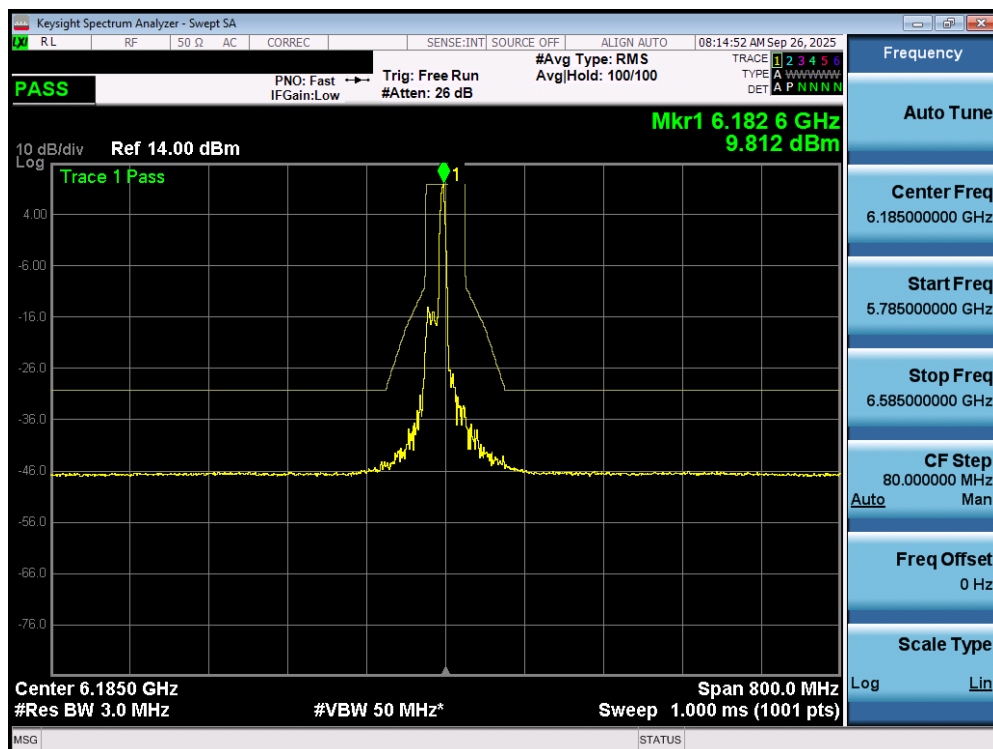


Plot 7-123. In Band Emissions Plot MIMO ANT1 (40MHz 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 43) - SP

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 121 of 169

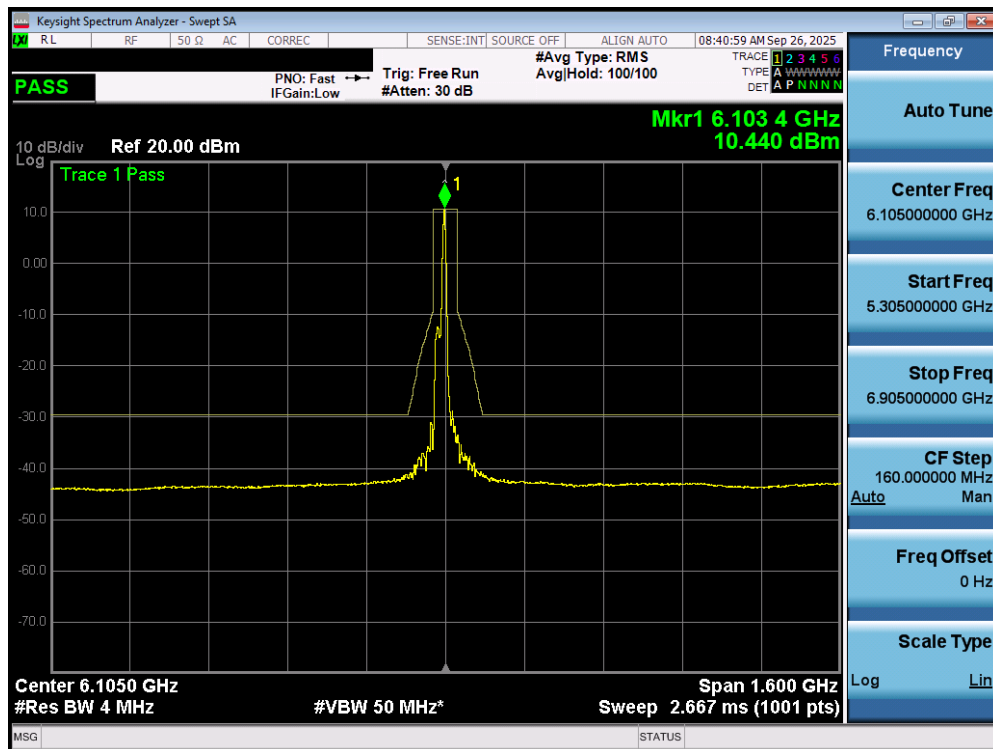


Plot 7-124. In Band Emissions Plot MIMO ANT1 (80MHz 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 39) - SP

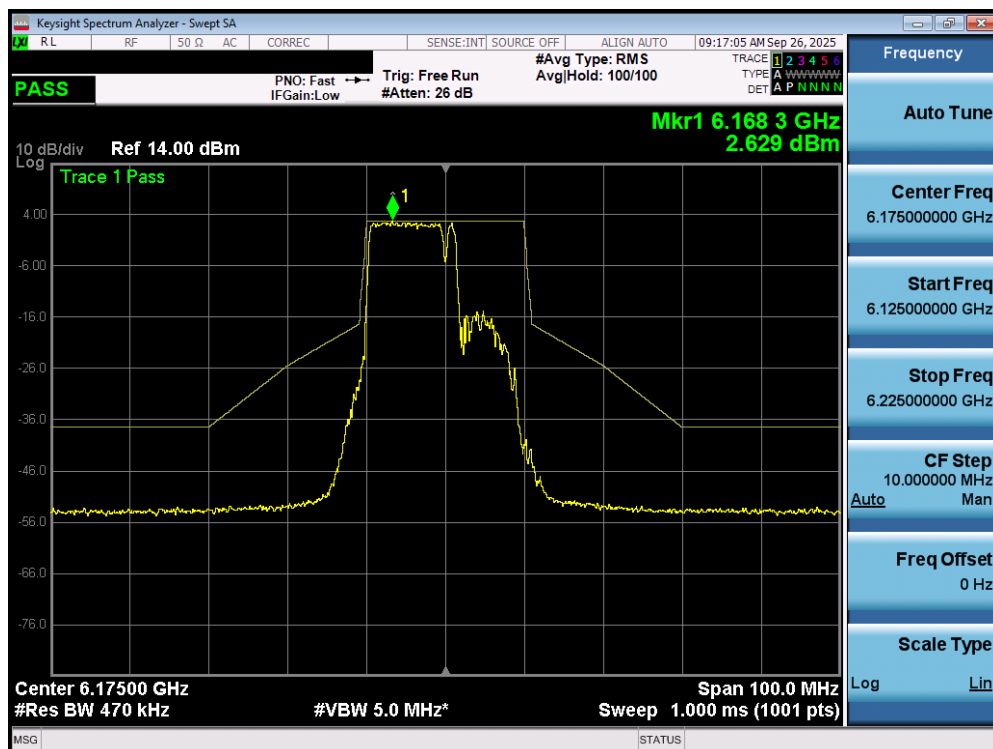


Plot 7-125. In Band Emissions Plot MIMO ANT1 (160MHz 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 47) - SP

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 122 of 169

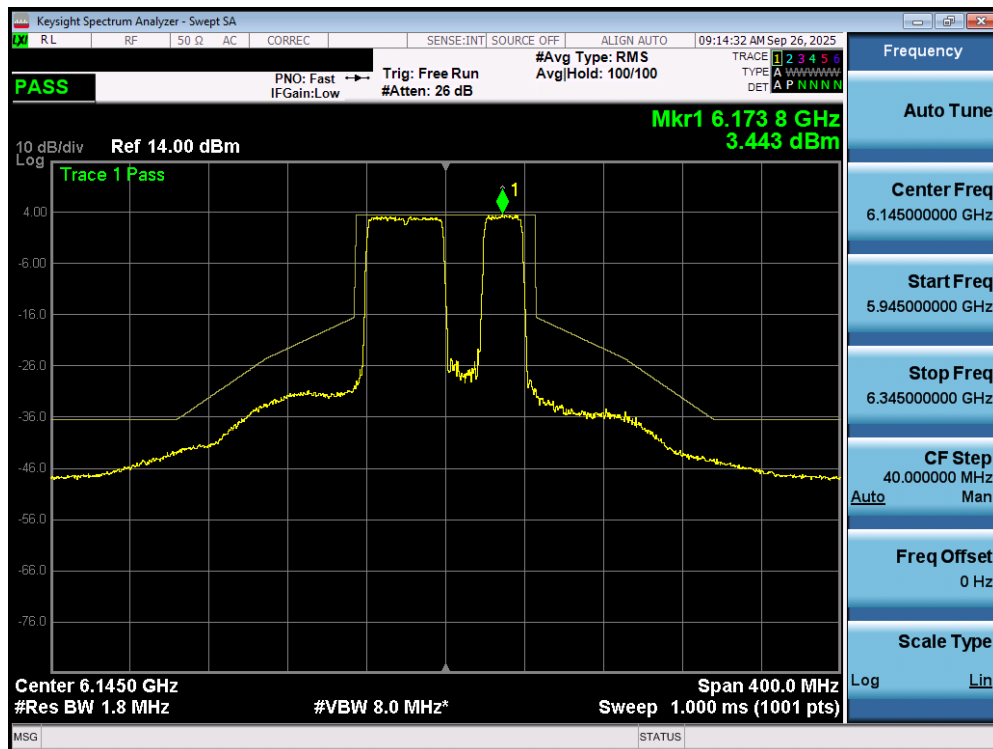


Plot 7-126. In Band Emissions Plot MIMO ANT1 (320MHz 802.11be (26 Tones) (UNII Band 5) – Ch. 31) - SP

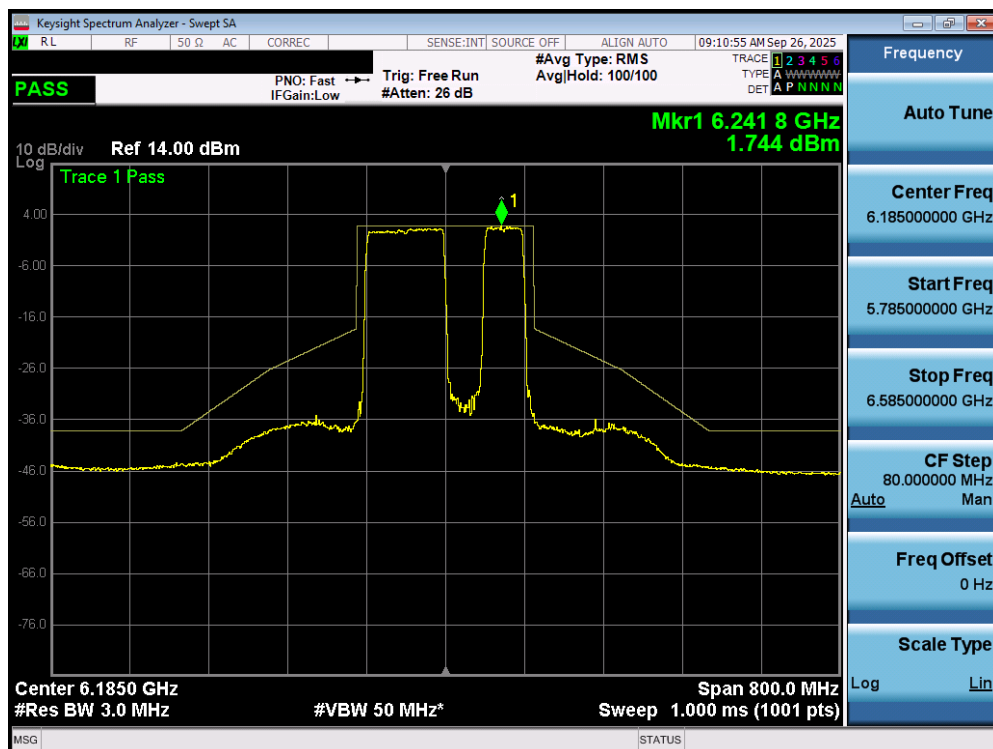


Plot 7-127. In Band Emissions Plot MIMO ANT1 (20MHz 802.11be (106+26 Tones) (UNII Band 5) – Ch. 45) - SP

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 123 of 169

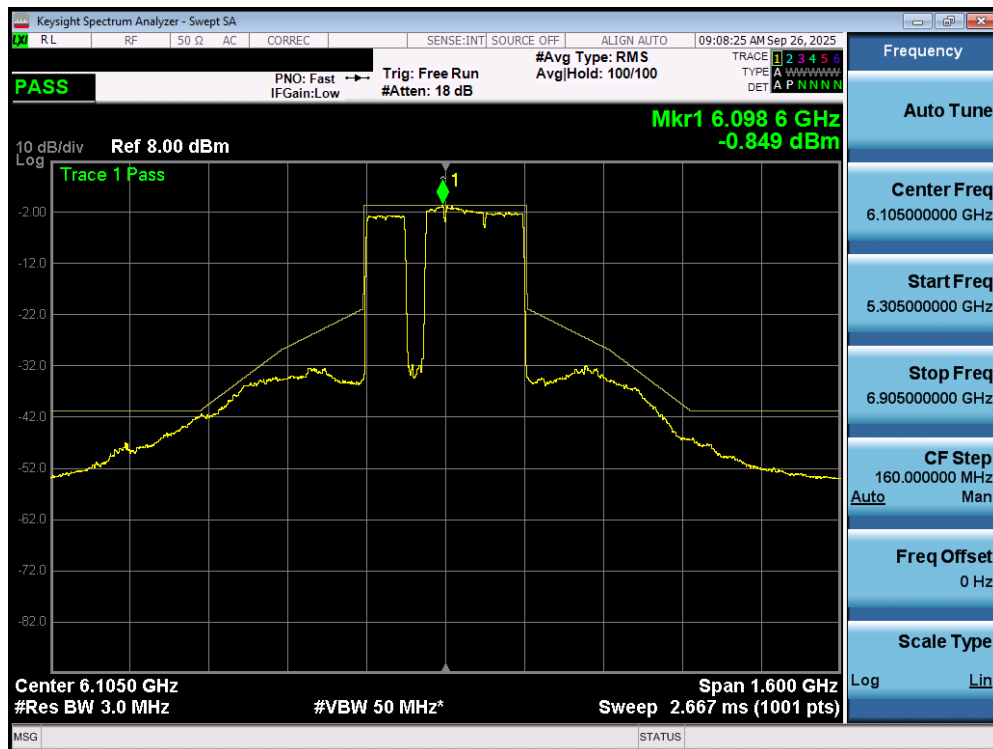


Plot 7-128. In Band Emissions Plot MIMO ANT1 (80MHz 802.11be (484+242 Tones) (UNII Band 5) – Ch. 39) SP

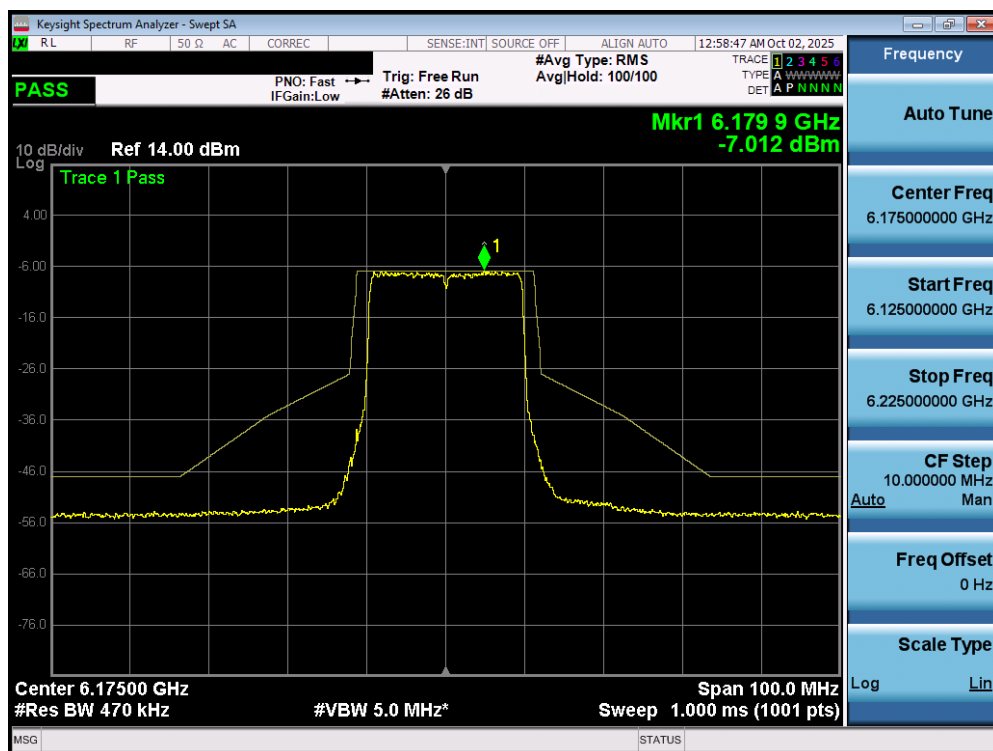


Plot 7-129. In Band Emissions Plot MIMO ANT1 (160MHz 802.11be (996+484 Tones) (UNII Band 5) – Ch. 47) SP

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 124 of 169

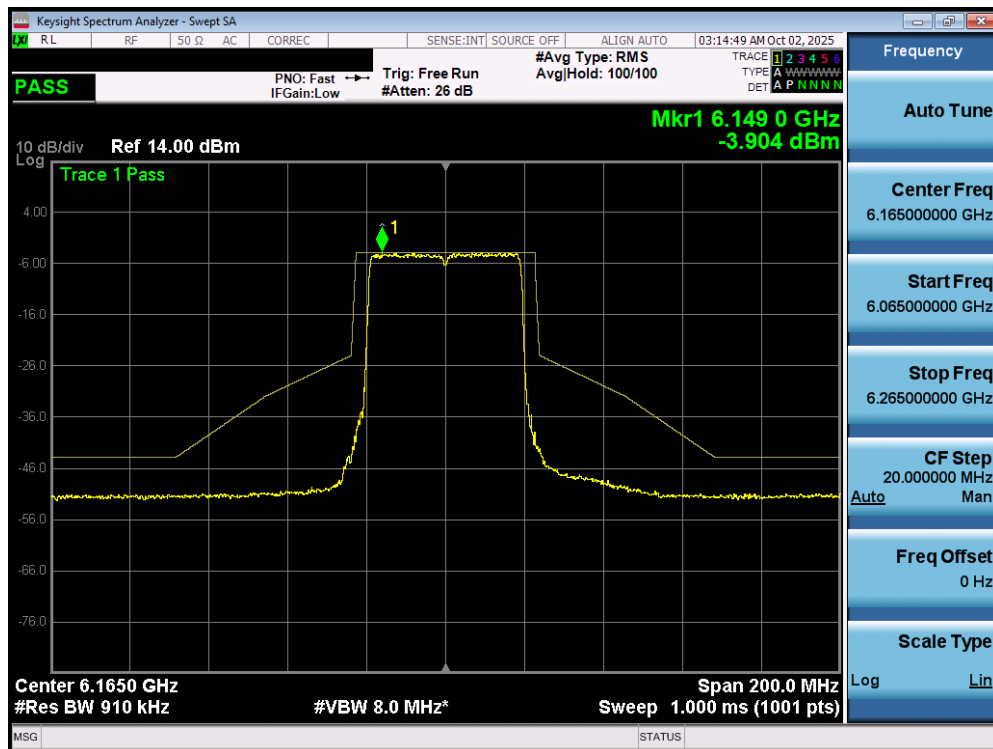


Plot 7-130. In Band Emissions Plot MIMO ANT1 (320MHz 802.11be (3*996+484 Tones) (UNII Band 5) – Ch. 31) SP

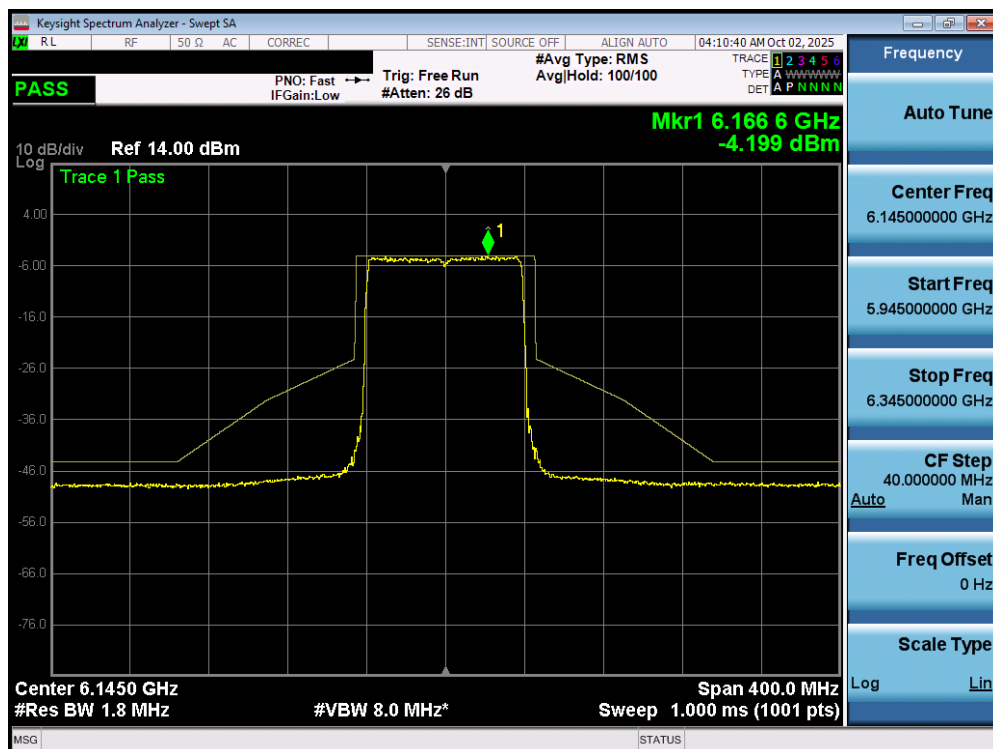


Plot 7-131. In Band Emissions Plot MIMO ANT1 (20MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 45) - LPI

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 125 of 169

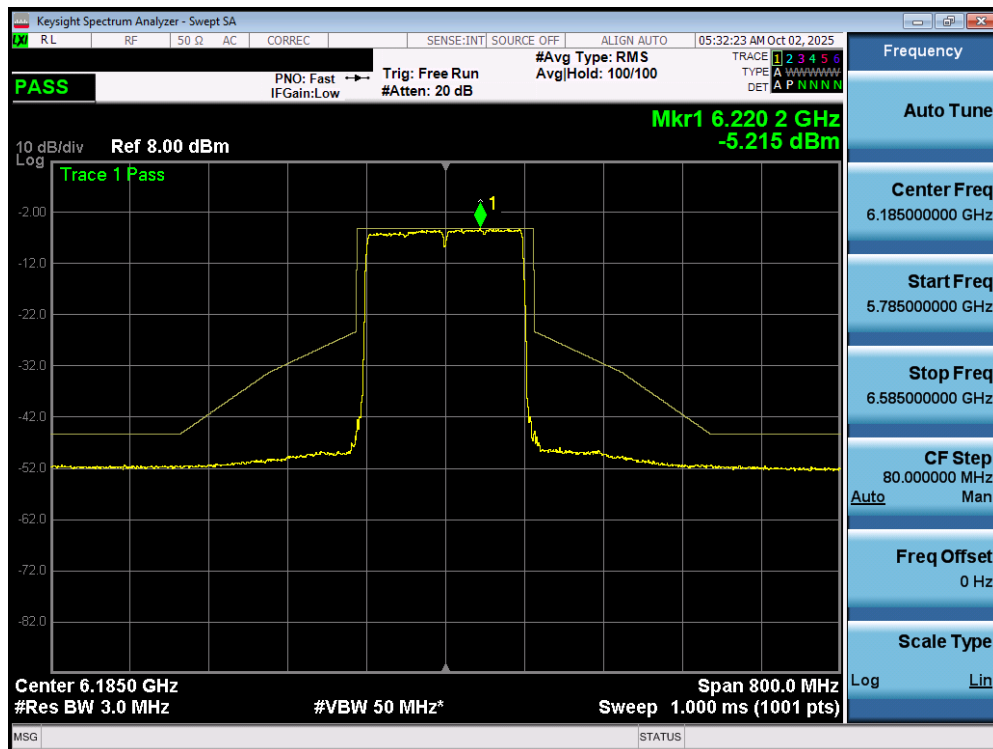


Plot 7-132. In Band Emissions Plot MIMO ANT1 (40MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 43) - LPI

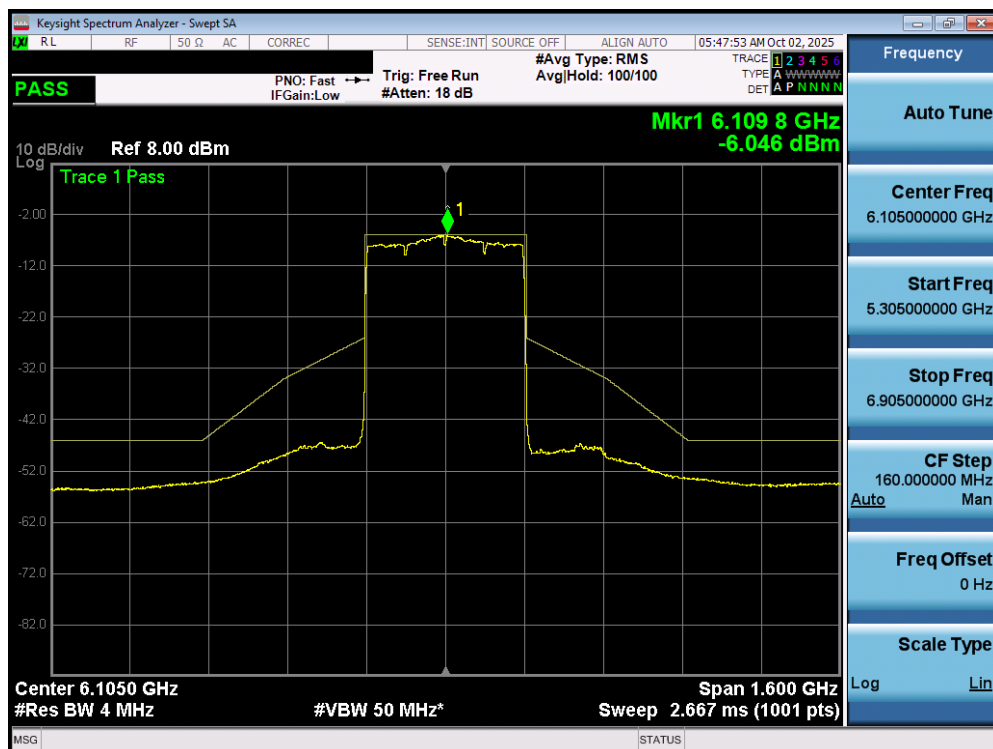


Plot 7-133. In Band Emissions Plot MIMO ANT1 (80MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 39) - LPI

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 126 of 169

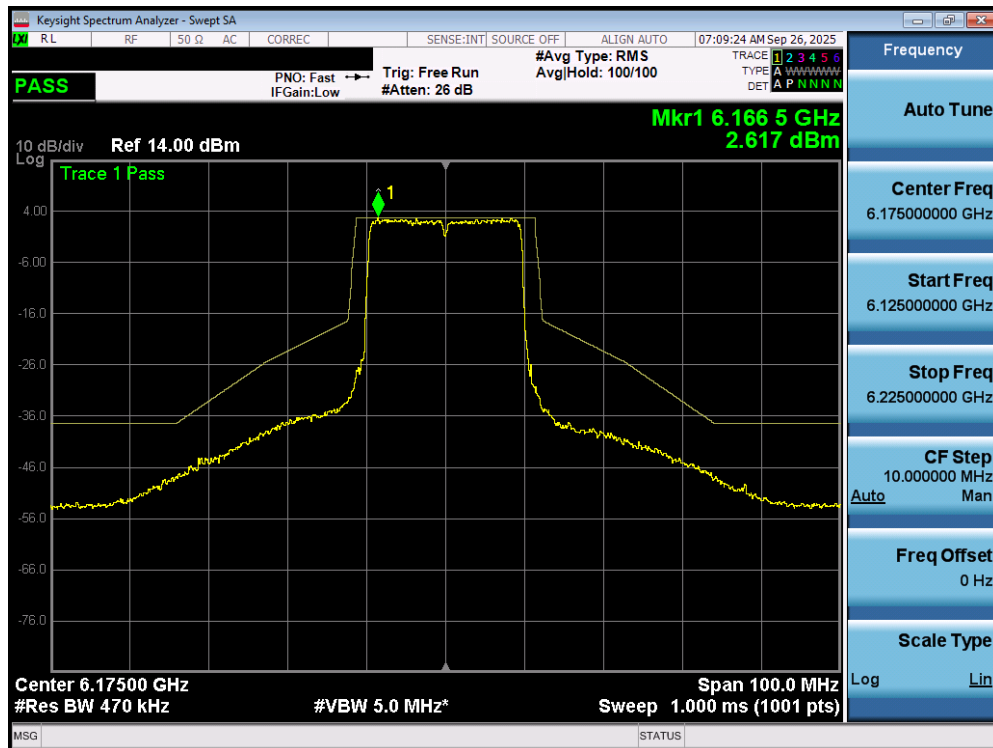


Plot 7-134. In Band Emissions Plot MIMO ANT1 (160MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 47) - LPI

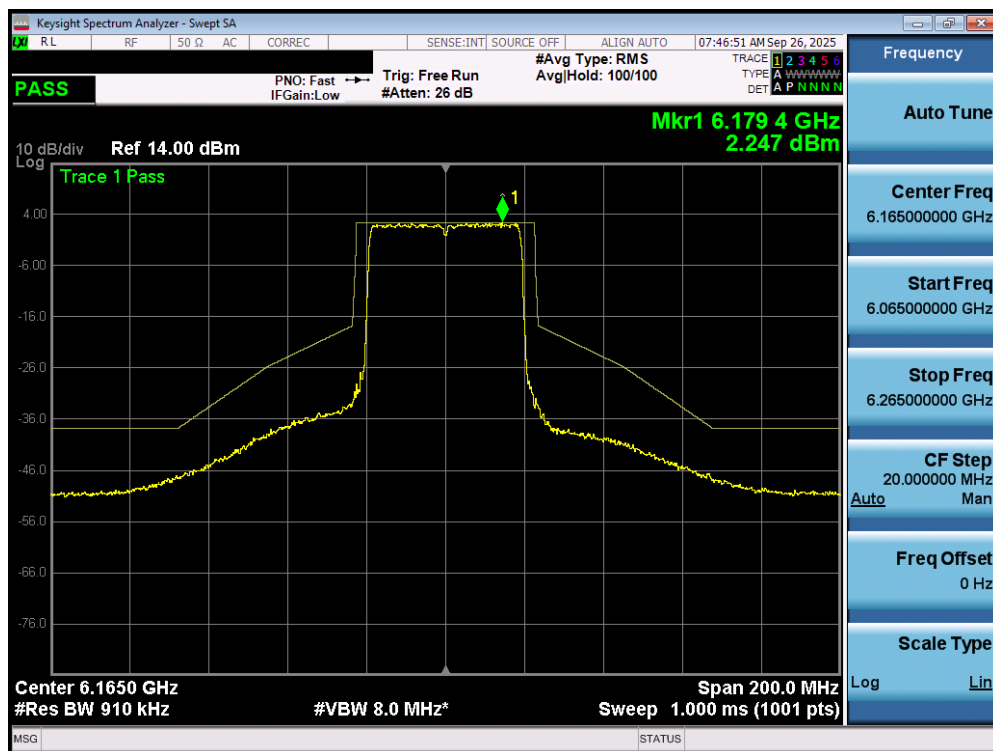


Plot 7-135. In Band Emissions Plot MIMO ANT1 (320MHz 802.11be (Full Tones) (UNII Band 5) – Ch. 31) - LPI

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 127 of 169

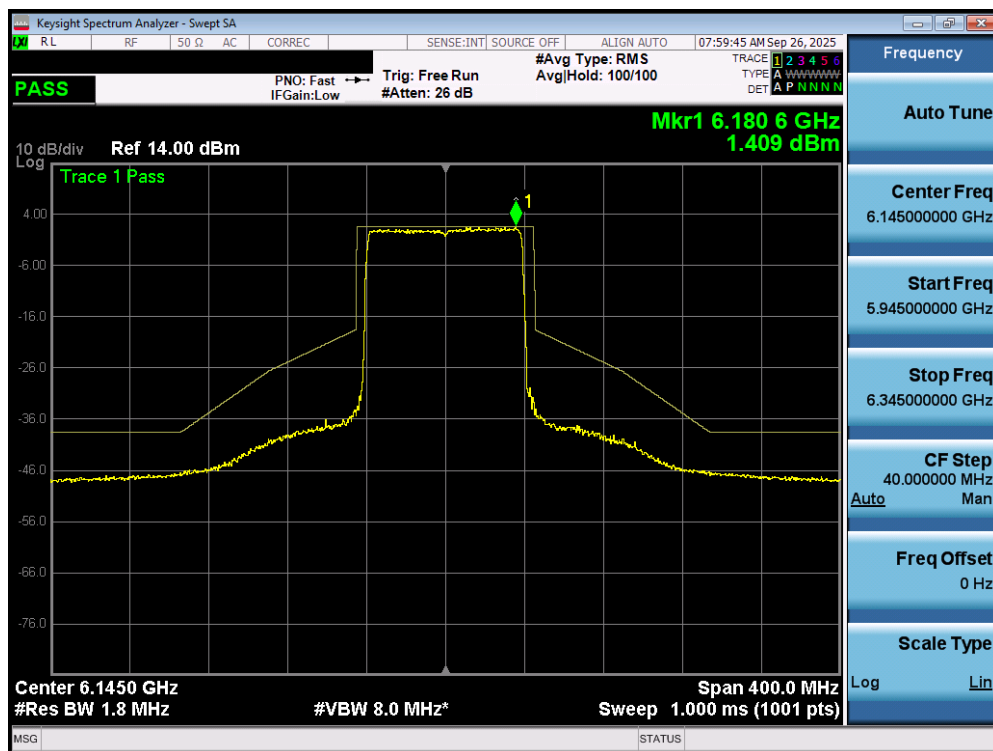


Plot 7-136. In Band Emissions Plot MIMO ANT1 (20MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 45) - SP

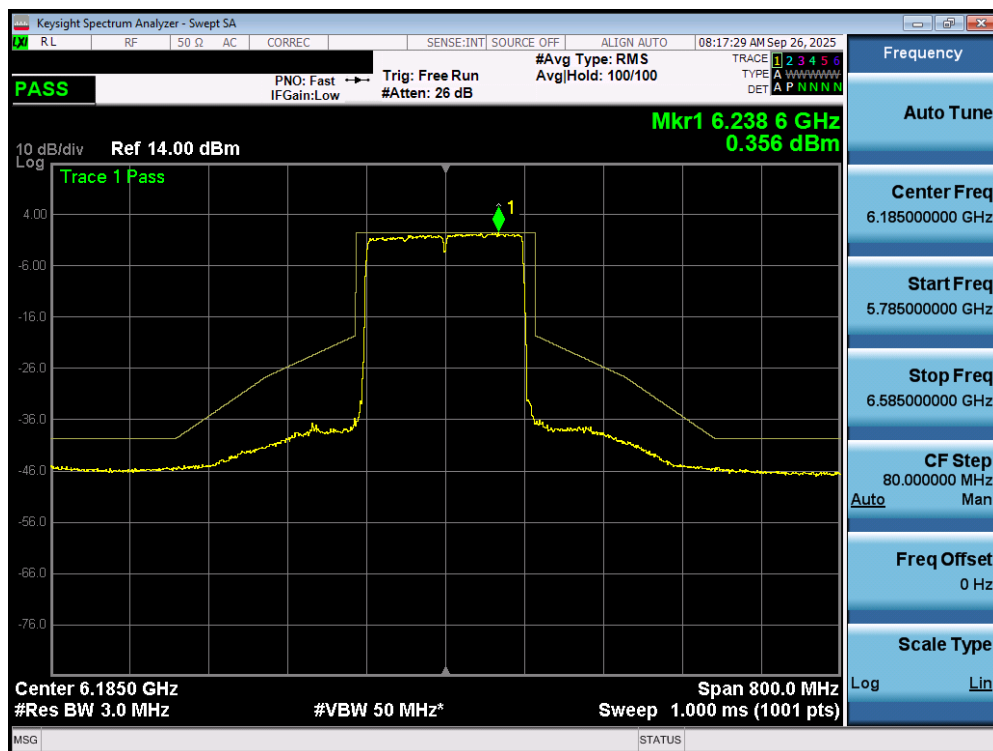


Plot 7-137. In Band Emissions Plot MIMO ANT1 (40MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 43) – SP

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 128 of 169

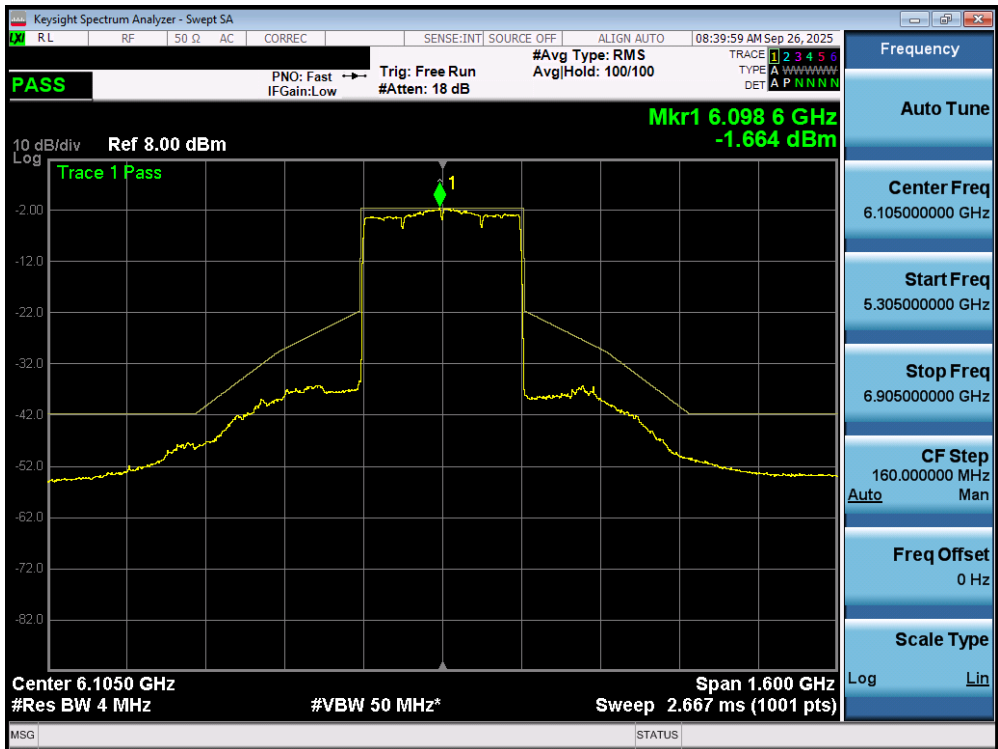


Plot 7-138. In Band Emissions Plot MIMO ANT1 (80MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 39) – SP



Plot 7-139. In Band Emissions Plot MIMO ANT1 (160MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 47) - SP

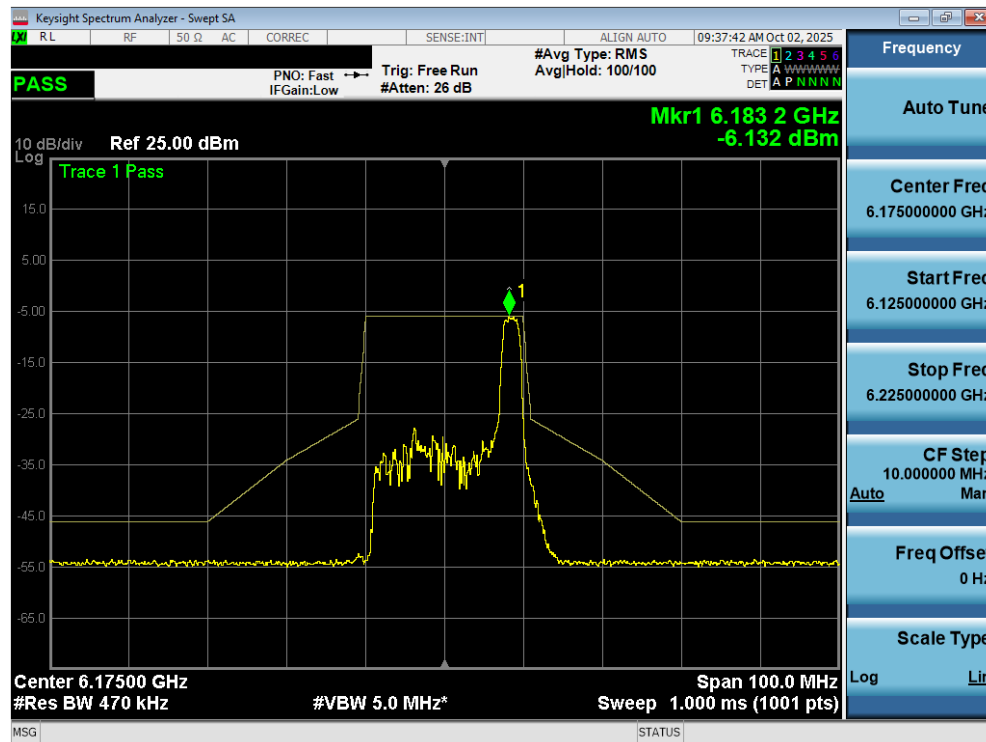
FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 129 of 169



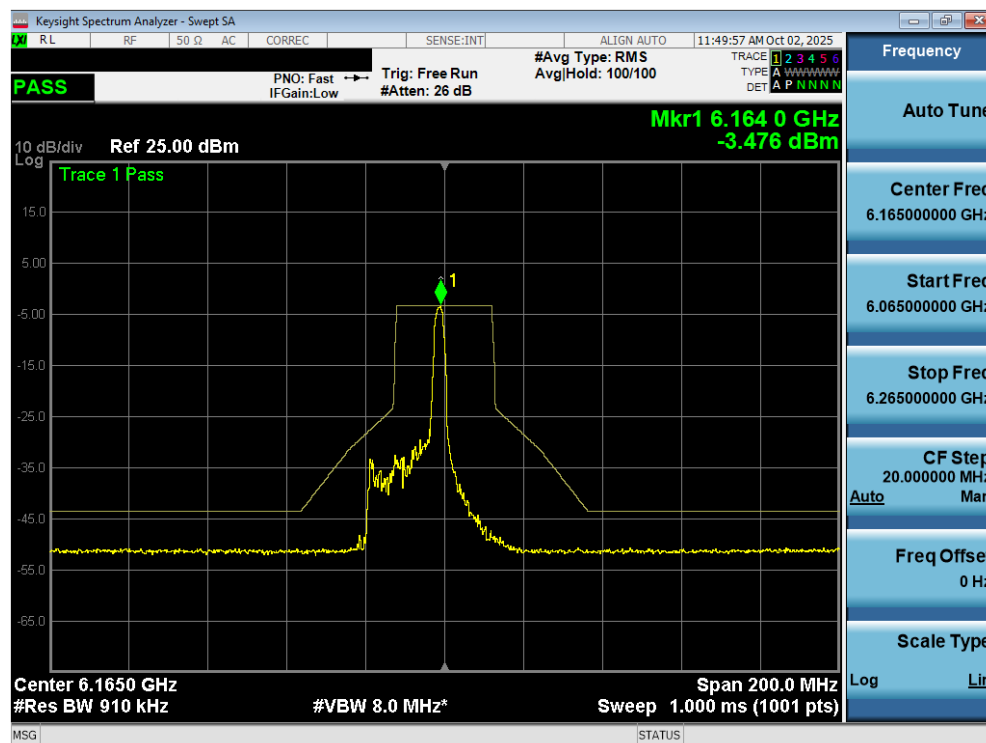
Plot 7-140. In Band Emissions Plot MIMO ANT1 (320MHz 802.11be (Full Tones) (UNII Band 5) – Ch. 31) - SP

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 130 of 169

7.5.2 MIMO Antenna-2 In-Band Emission Measurements

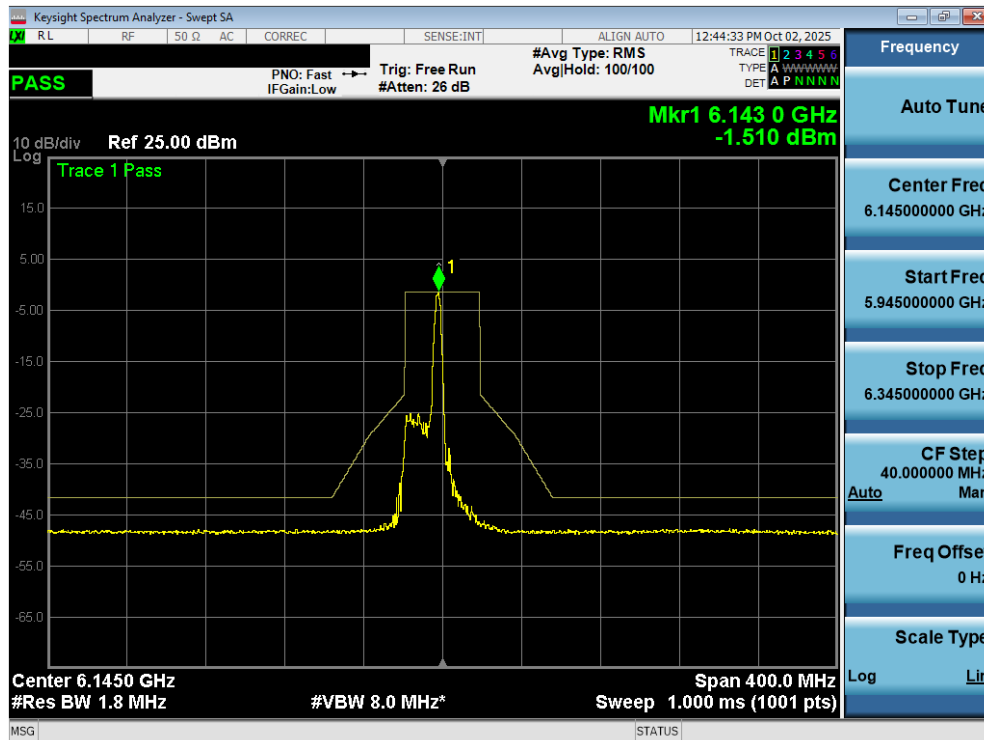


Plot 7-141. In Band Emissions Plot MIMO ANT2 (20MHz 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 45) - LPI

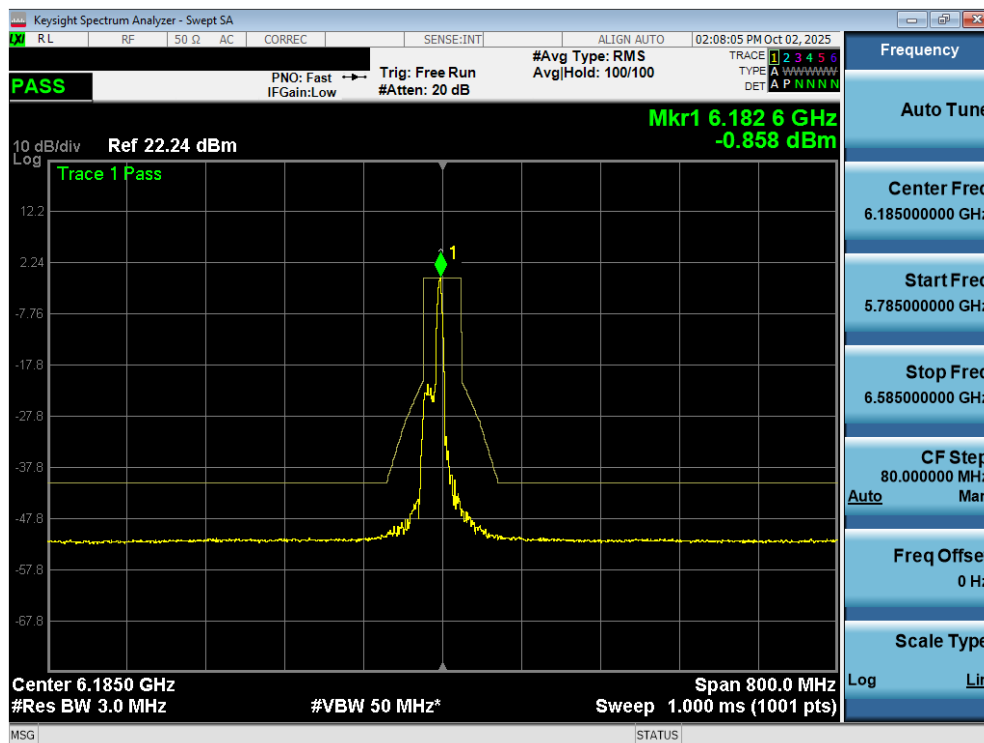


Plot 7-142. In Band Emissions Plot MIMO ANT2 (40MHz 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 43) - LPI

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 131 of 169

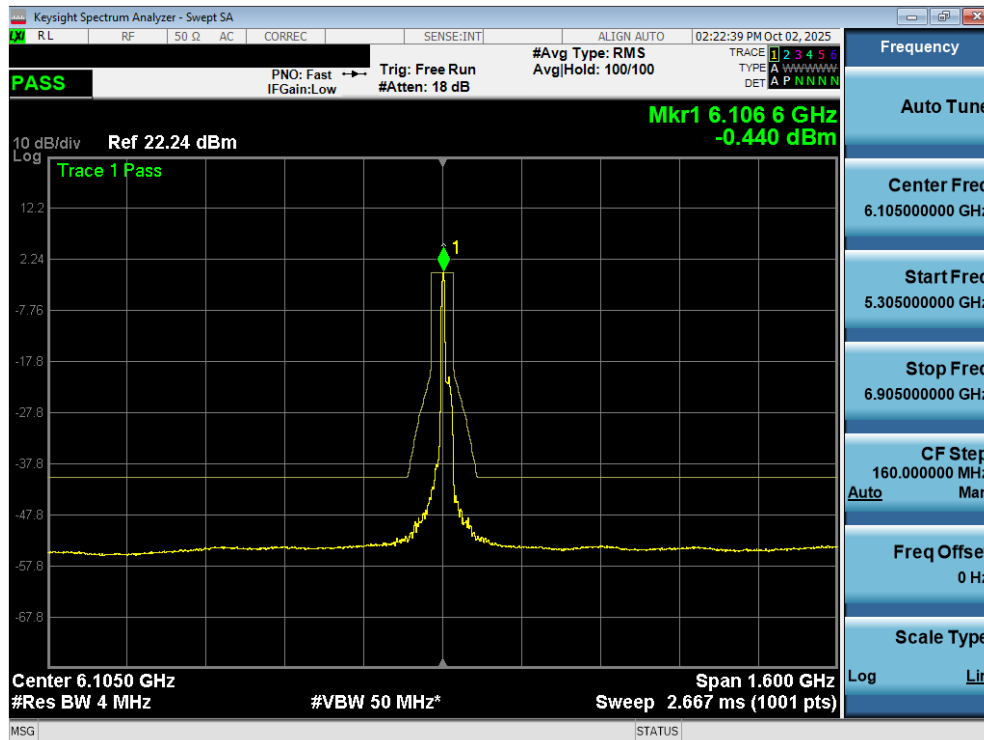


Plot 7-143. In Band Emissions Plot MIMO ANT2 (80MHz 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 39) - LPI

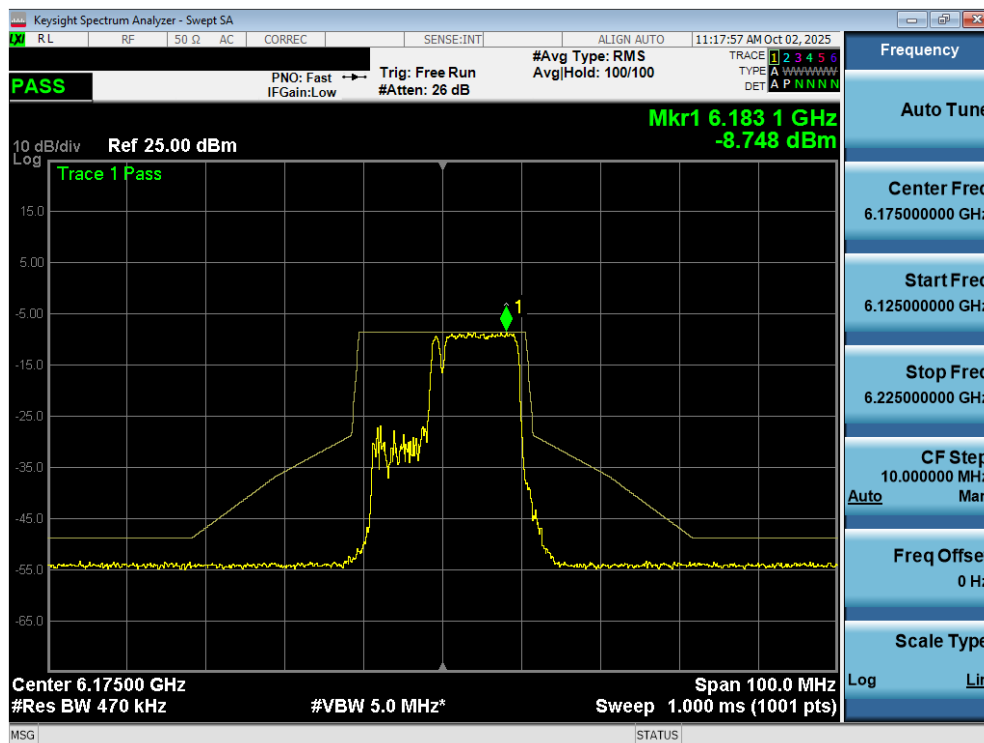


Plot 7-144. In Band Emissions Plot MIMO ANT2 (160MHz 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 47) - LPI

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 132 of 169

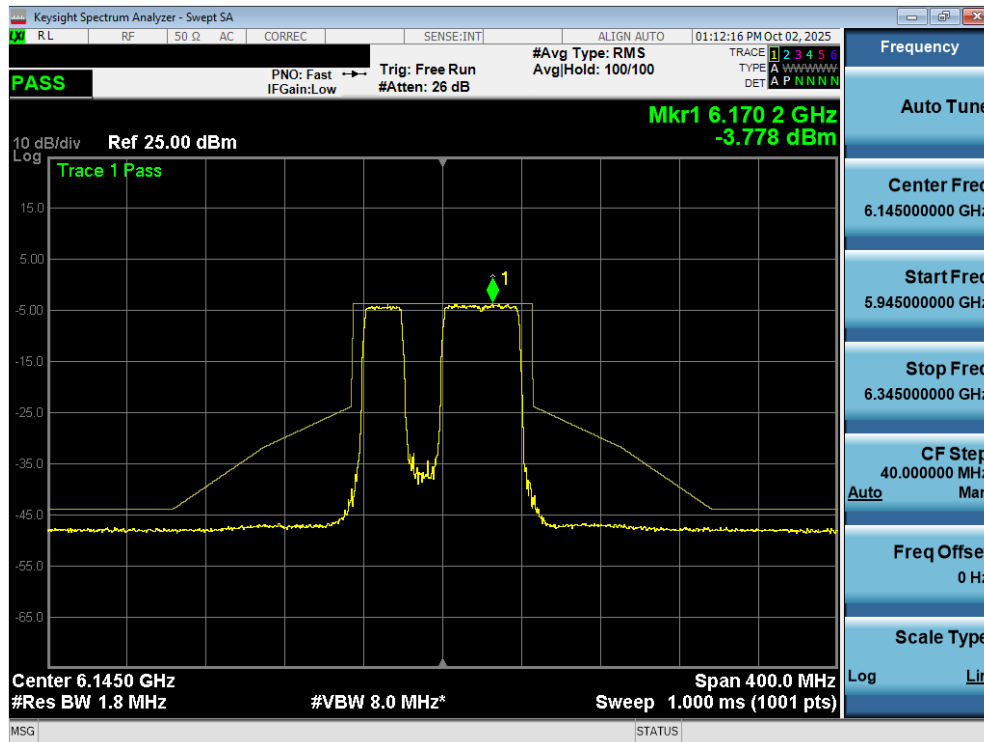


Plot 7-145. In Band Emissions Plot MIMO ANT2 (320MHz 802.11be (26 Tones) (UNII Band 5) – Ch. 31) - LPI

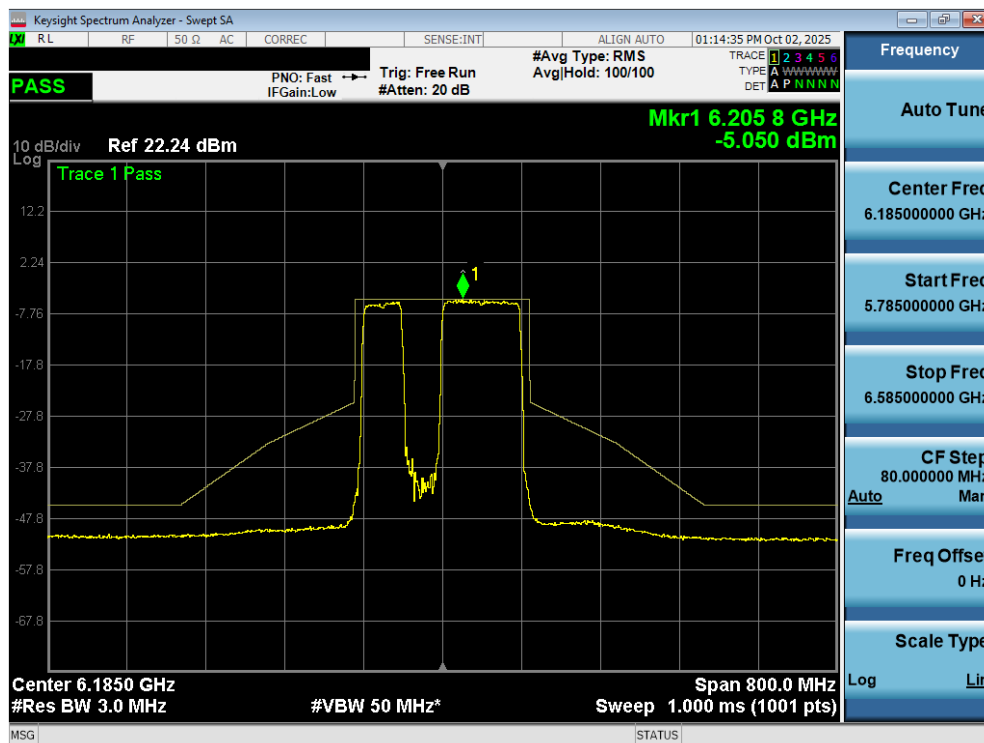


Plot 7-146. In Band Emissions Plot MIMO ANT2 (20MHz 802.11be (106+26 Tones) (UNII Band 5) – Ch. 45) - LPI

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 133 of 169

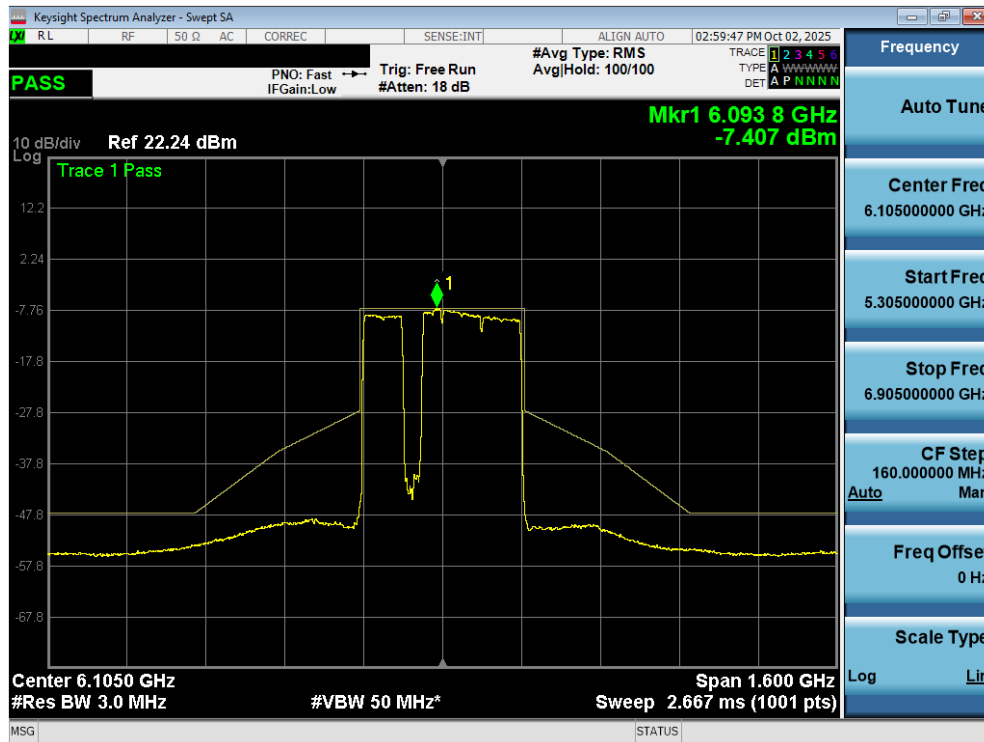


Plot 7-147. In Band Emissions Plot MIMO ANT2 (80MHz 802.11be (484+242 Tones) (UNII Band 5) – Ch. 39) LPI



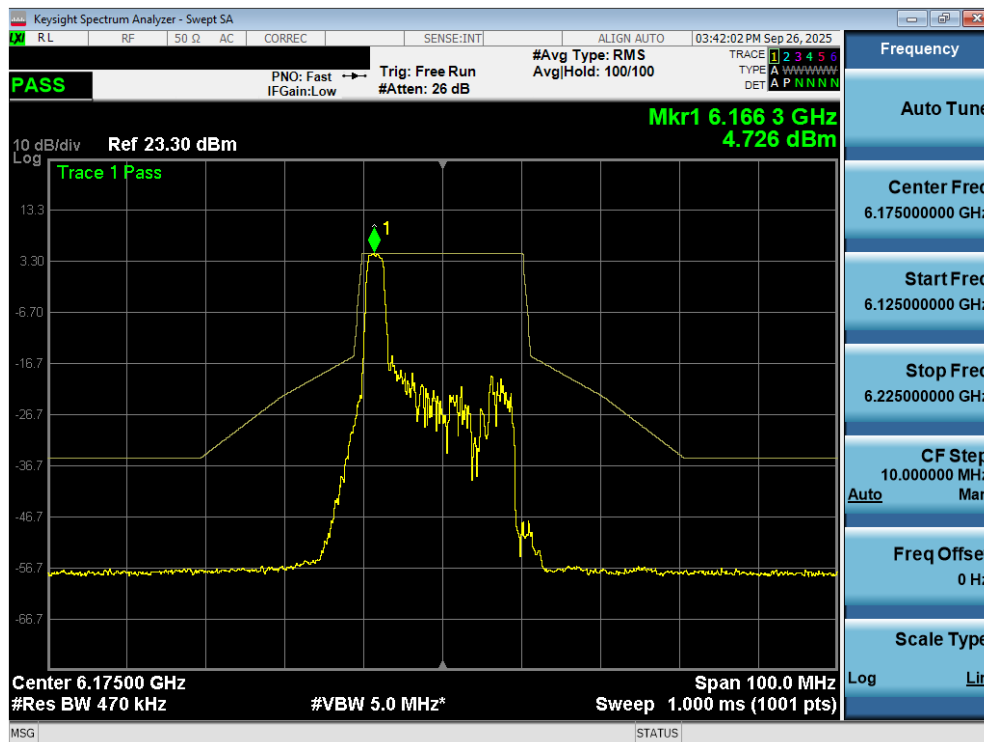
Plot 7-148. In Band Emissions Plot MIMO ANT2 (160MHz 802.11be (996+484 Tones) (UNII Band 5) – Ch. 47) LPI

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 134 of 169

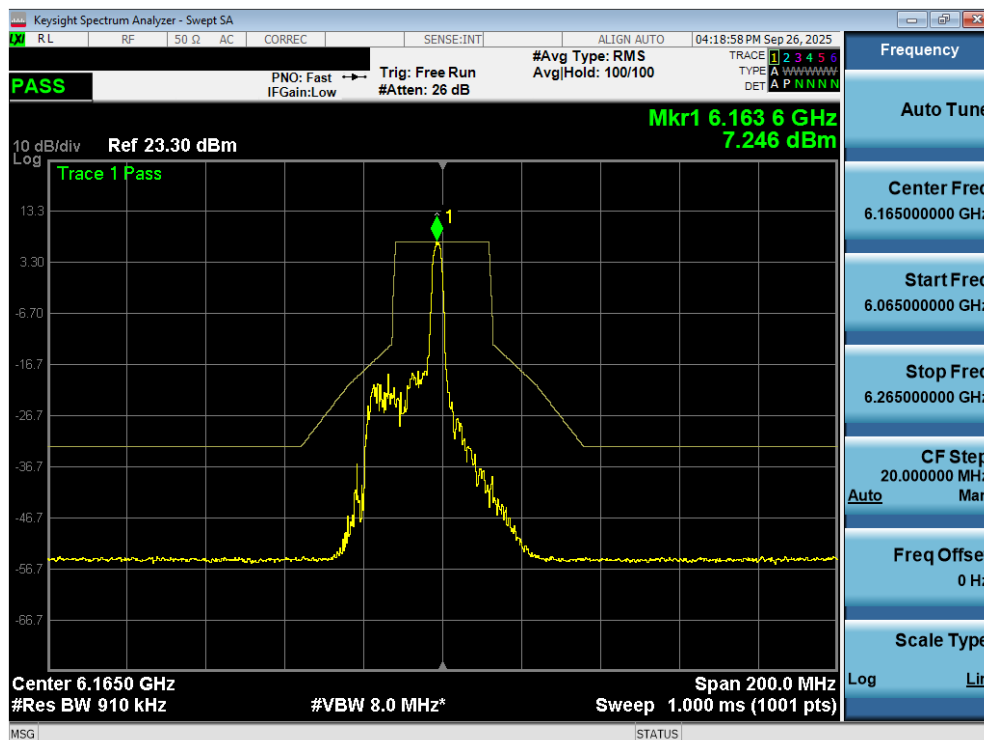


Plot 7-149. In Band Emissions Plot MIMO ANT2 (320MHz 802.11be (3*996+484 Tones) (UNII Band 5) – Ch. 31) LPI

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 135 of 169

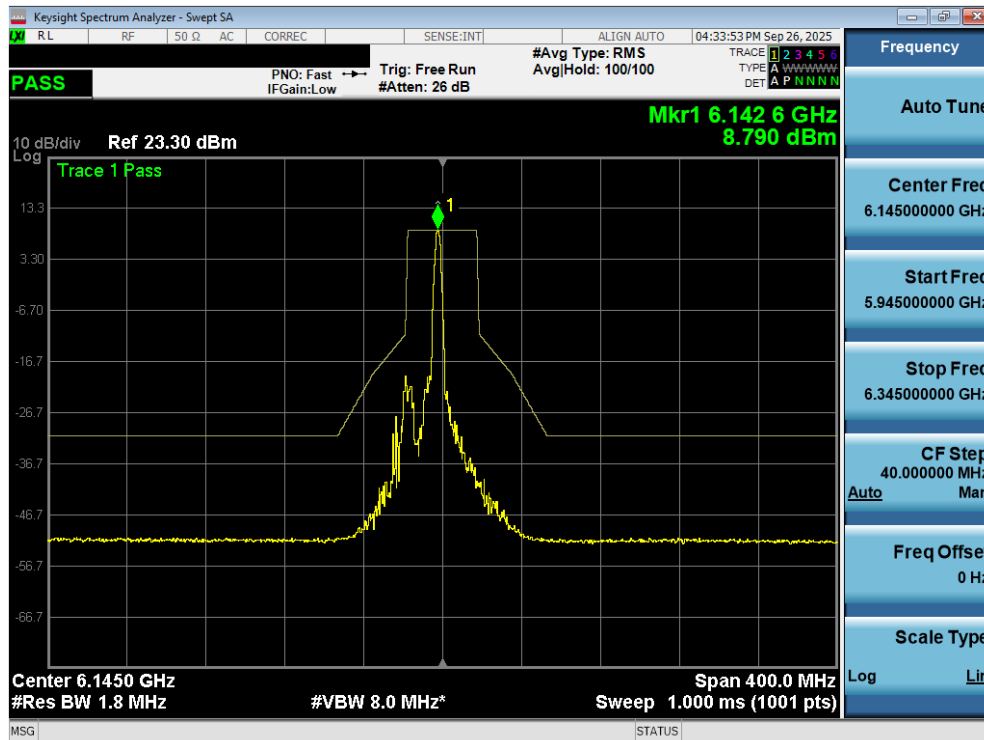


Plot 7-150. In Band Emissions Plot MIMO ANT2 (20MHz 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 45) - SP

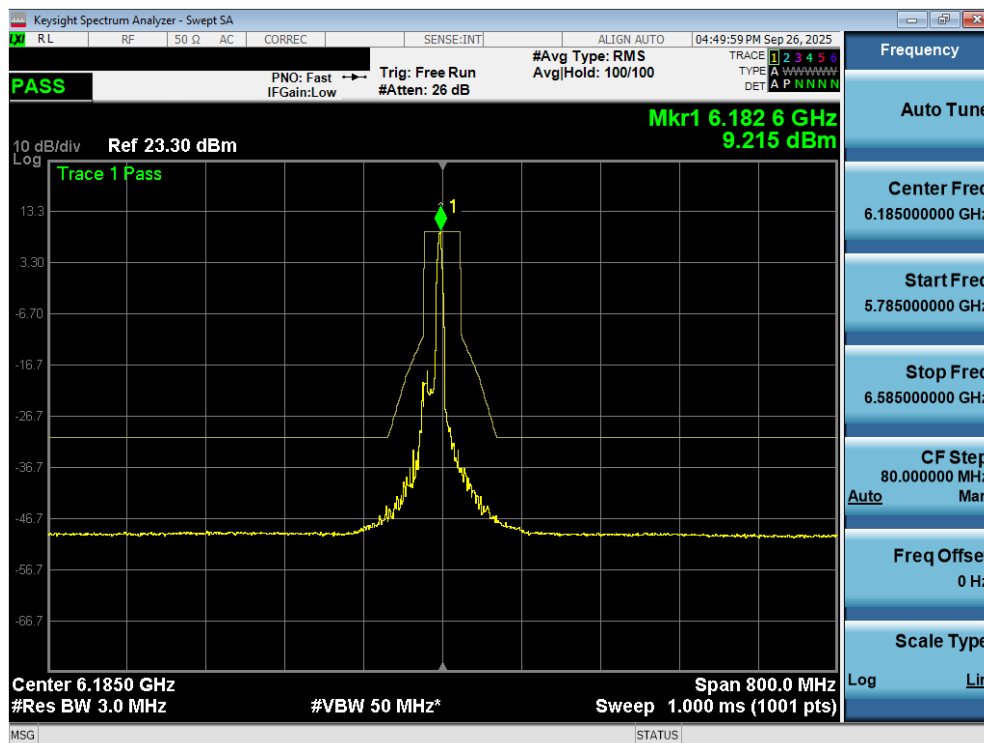


Plot 7-151. In Band Emissions Plot MIMO ANT2 (40MHz 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 43) - SP

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 136 of 169

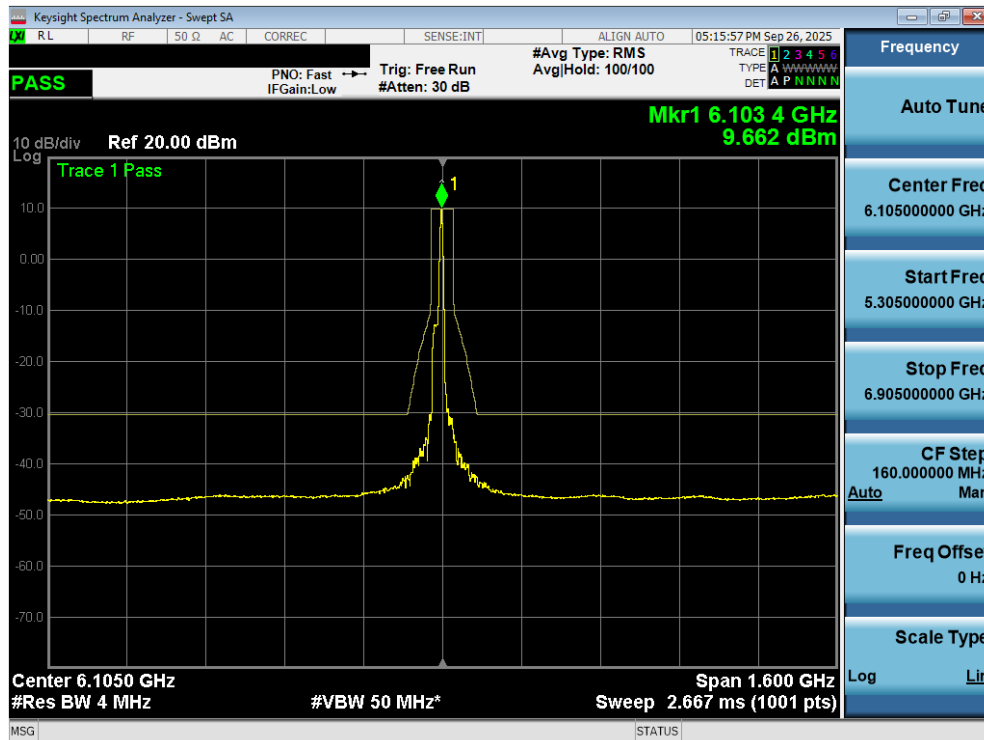


Plot 7-152. In Band Emissions Plot MIMO ANT2 (80MHz 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 39) - SP

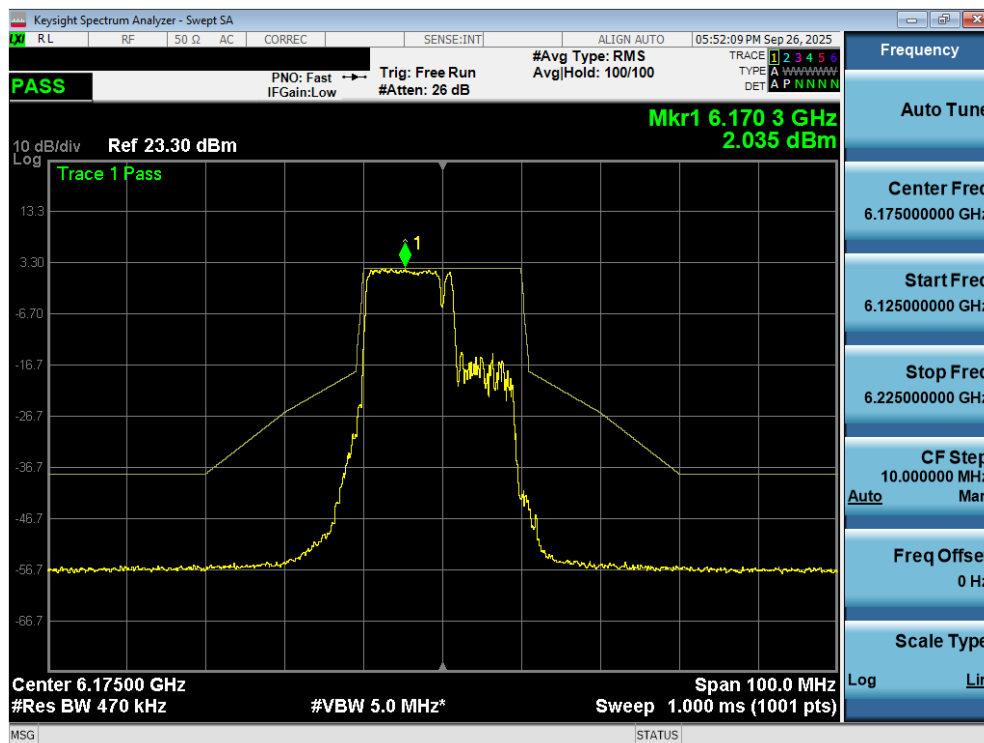


Plot 7-153. In Band Emissions Plot MIMO ANT2 (160MHz 802.11ax/be (26 Tones) (UNII Band 5) – Ch. 47) - SP

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 137 of 169

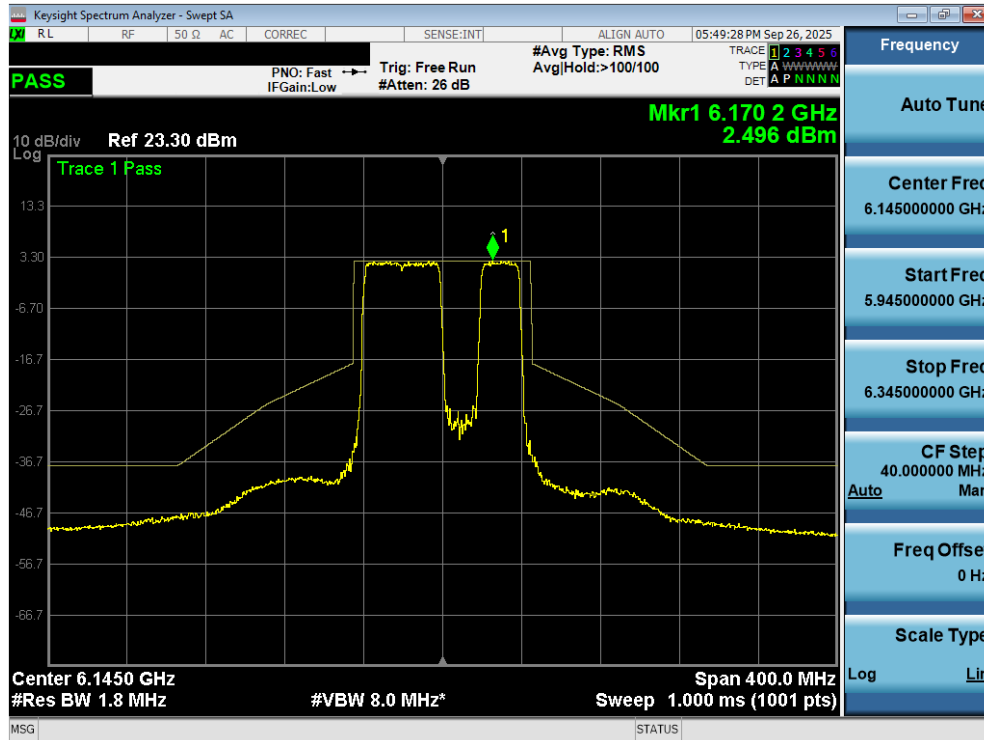


Plot 7-154. In Band Emissions Plot MIMO ANT2 (320MHz 802.11be (26 Tones) (UNII Band 5) – Ch. 31) - SP

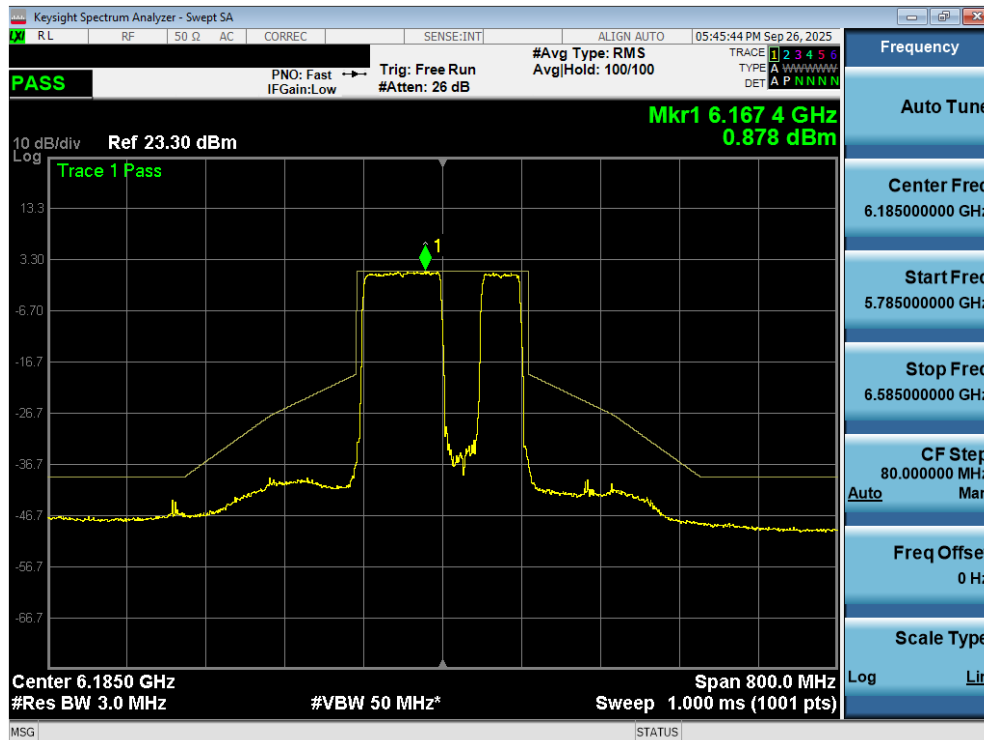


Plot 7-155. In Band Emissions Plot MIMO ANT2 (20MHz 802.11be (106+26 Tones) (UNII Band 5) – Ch. 45) - SP

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 138 of 169

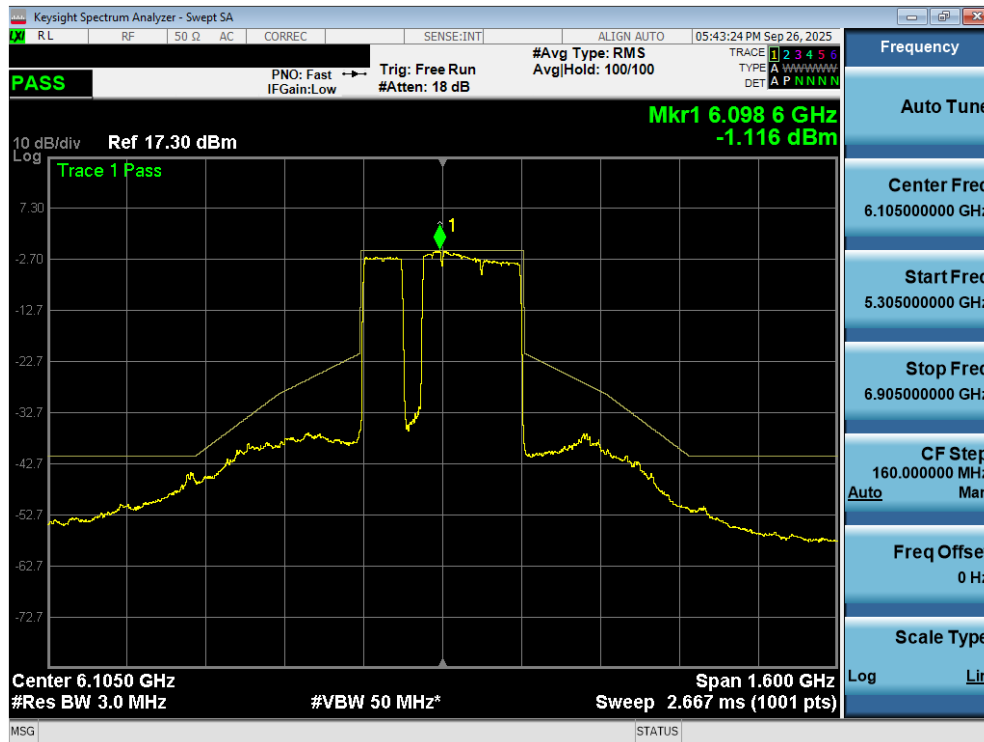


Plot 7-156. In Band Emissions Plot MIMO ANT2 (80MHz 802.11be (484+242 Tones) (UNII Band 5) – Ch. 39) SP

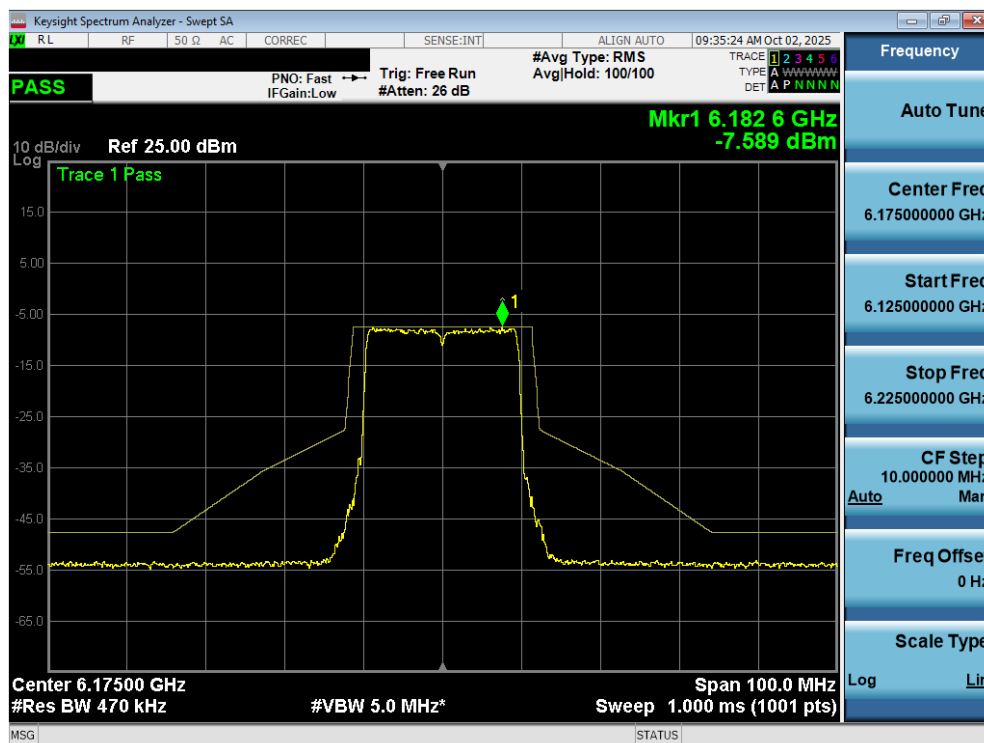


Plot 7-157. In Band Emissions Plot MIMO ANT2 (160MHz 802.11be (996+484 Tones) (UNII Band 5) – Ch. 47) SP

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 139 of 169

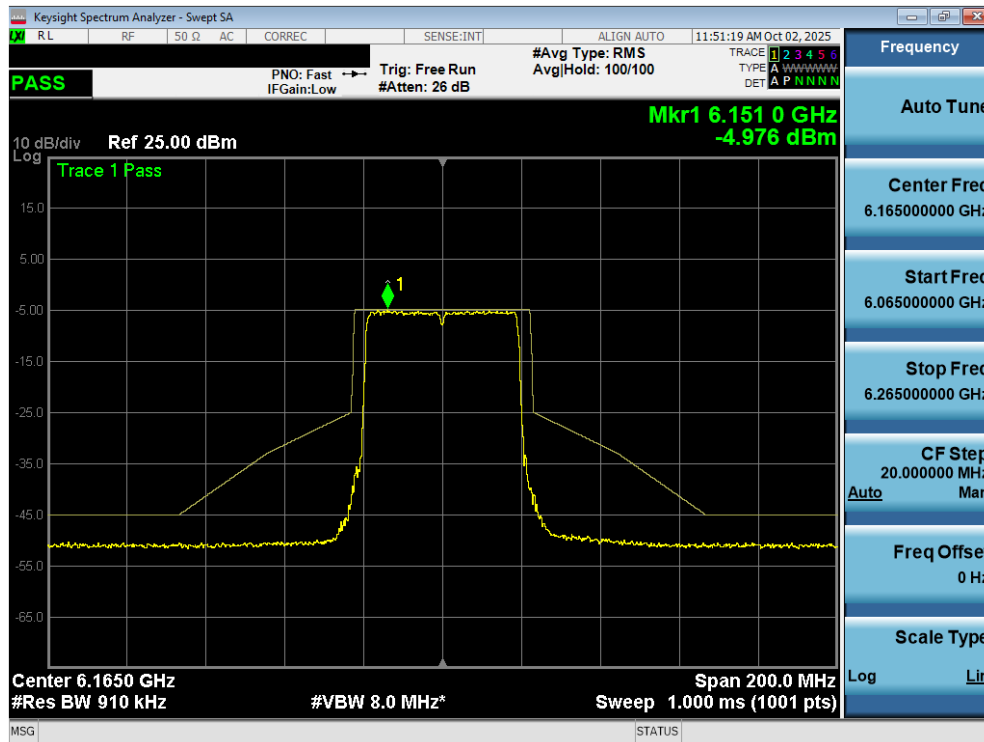


Plot 7-158. In Band Emissions Plot MIMO ANT2 (320MHz 802.11be (3*996+484 Tones) (UNII Band 5) – Ch. 31) SP

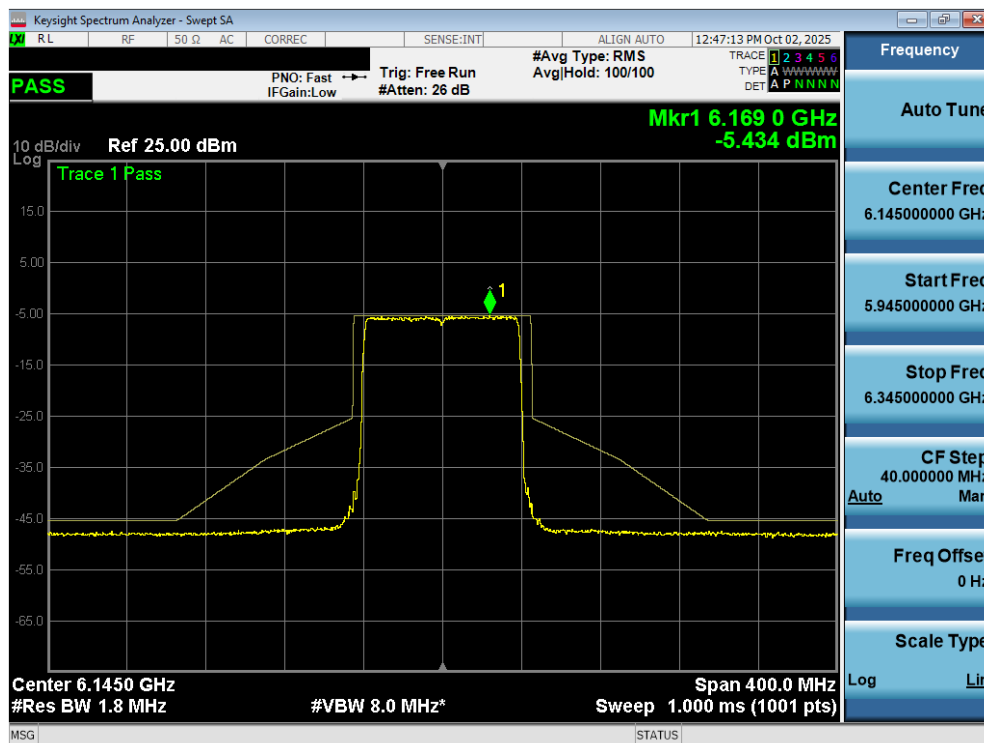


Plot 7-159. In Band Emissions Plot MIMO ANT2 (20MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 45) - LPI

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 140 of 169

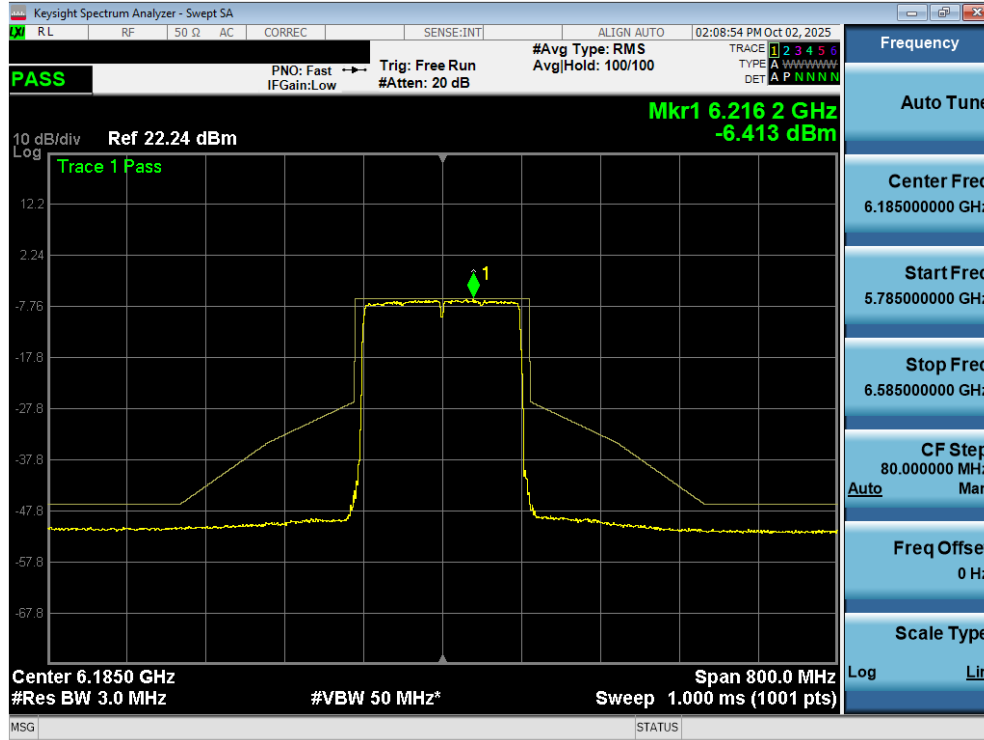


Plot 7-160. In Band Emissions Plot MIMO ANT2 (40MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 43) - LPI

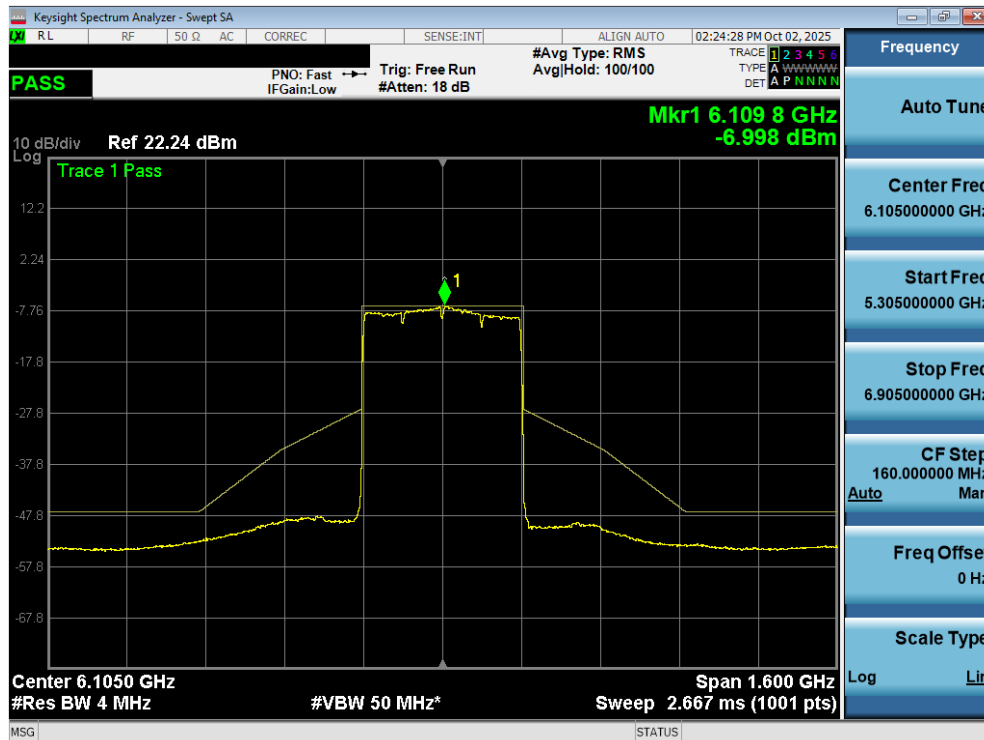


Plot 7-161. In Band Emissions Plot MIMO ANT2 (80MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 39) - LPI

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 141 of 169

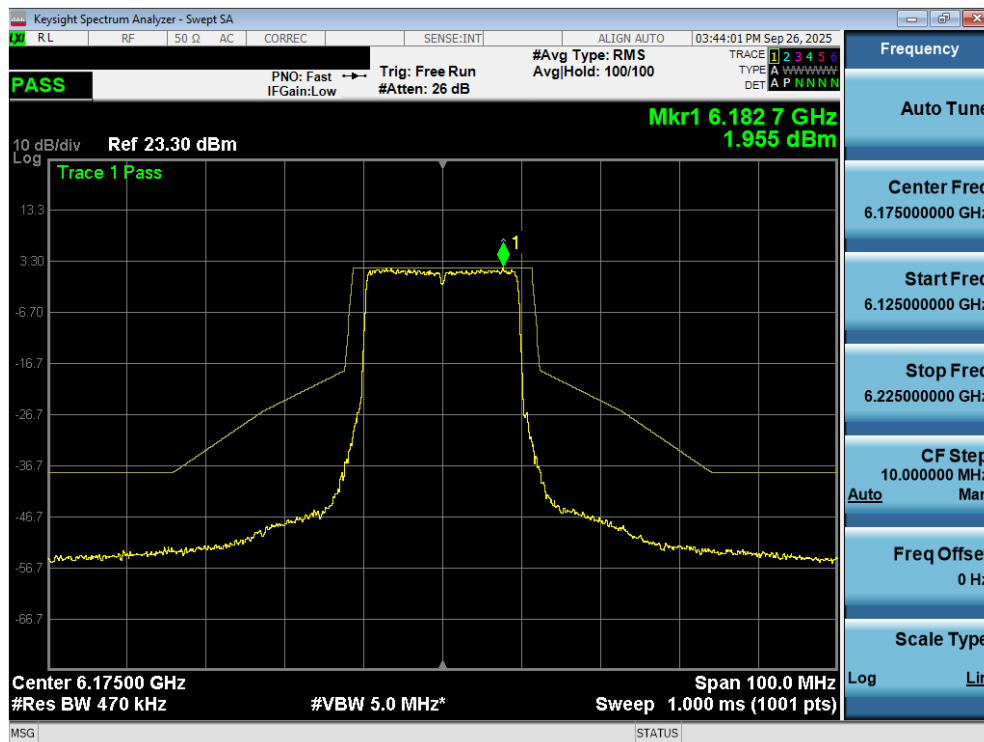


Plot 7-162. In Band Emissions Plot MIMO ANT2 (160MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 47) - LPI

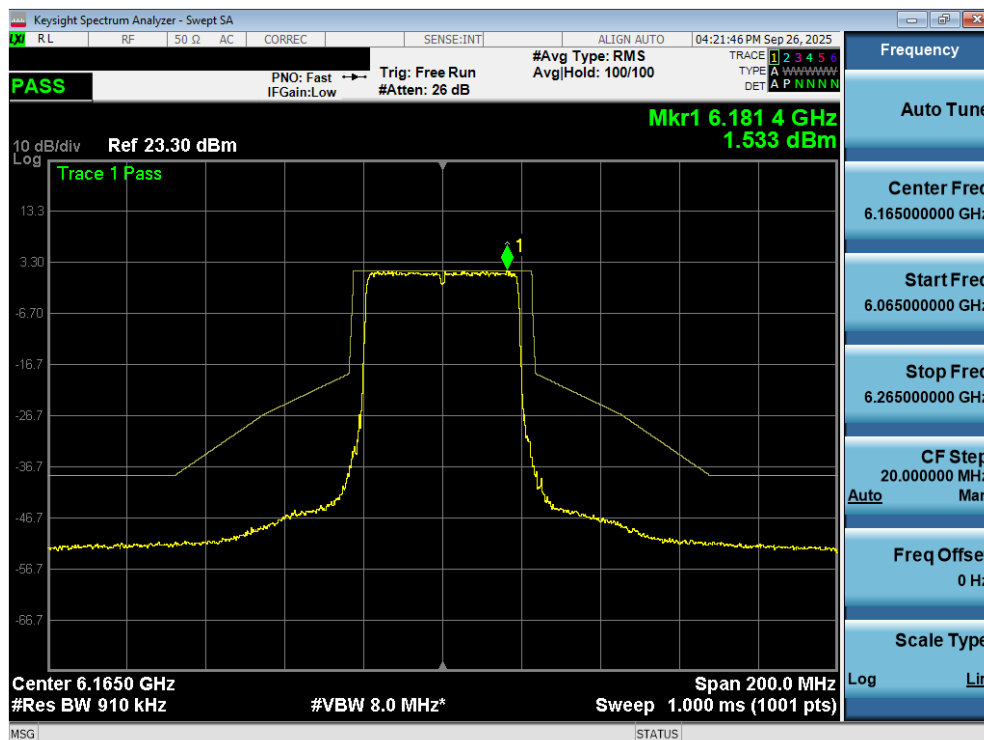


Plot 7-163. In Band Emissions Plot MIMO ANT2 (320MHz 802.11be (Full Tones) (UNII Band 5) – Ch. 31) - LPI

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 142 of 169

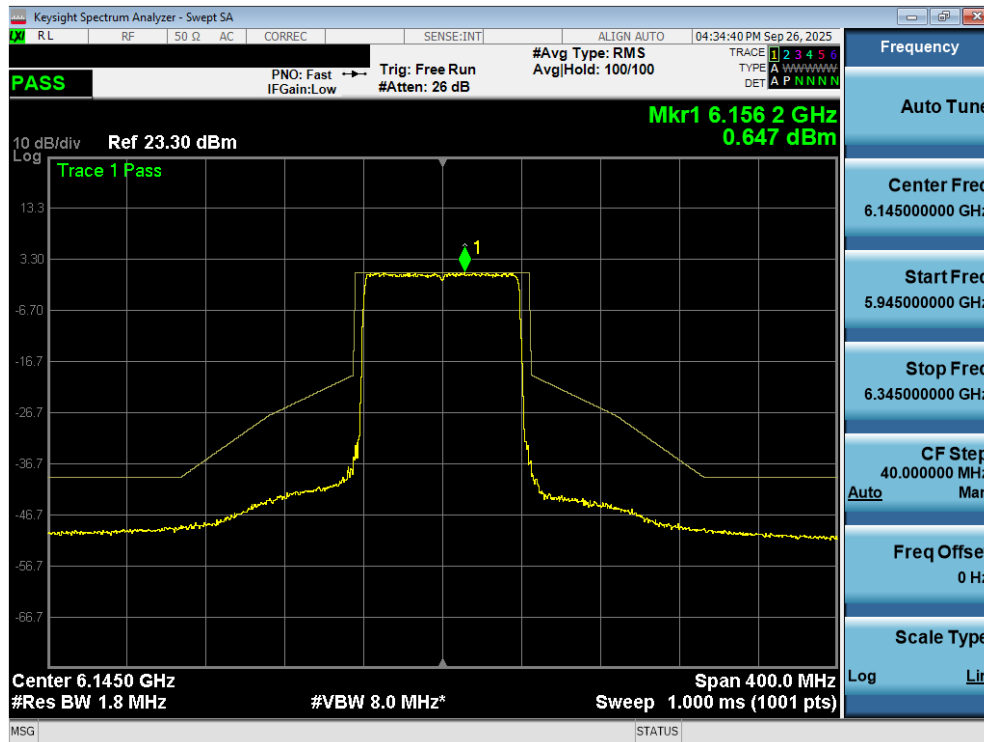


Plot 7-164. In Band Emissions Plot MIMO ANT2 (20MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 45) - SP

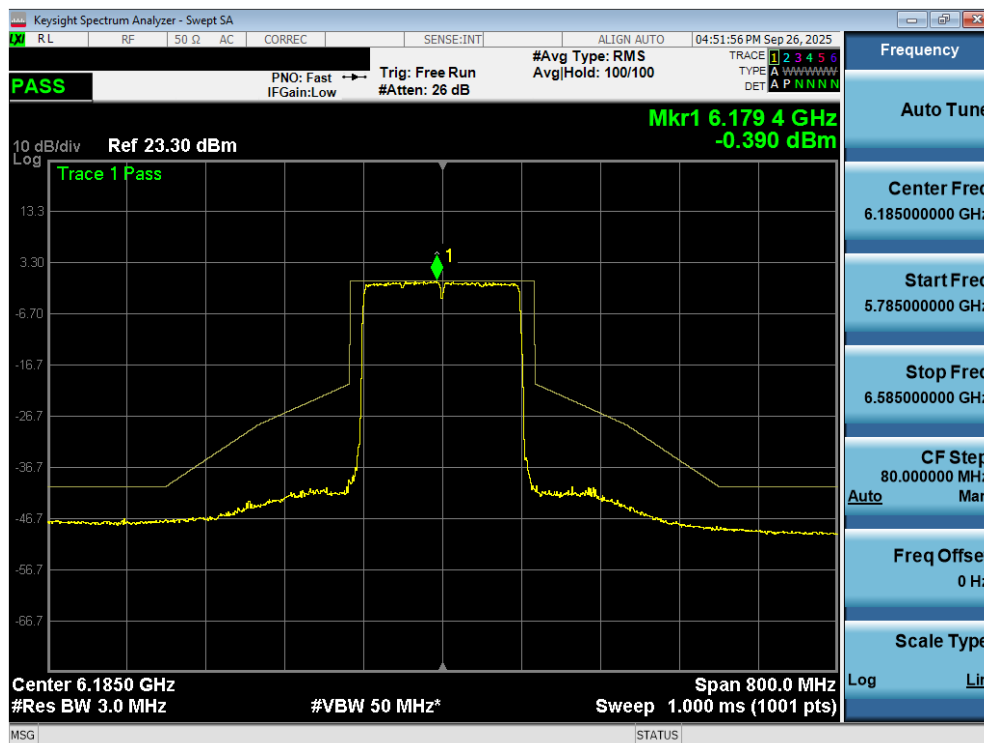


Plot 7-165. In Band Emissions Plot MIMO ANT2 (40MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 43) – SP

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 143 of 169

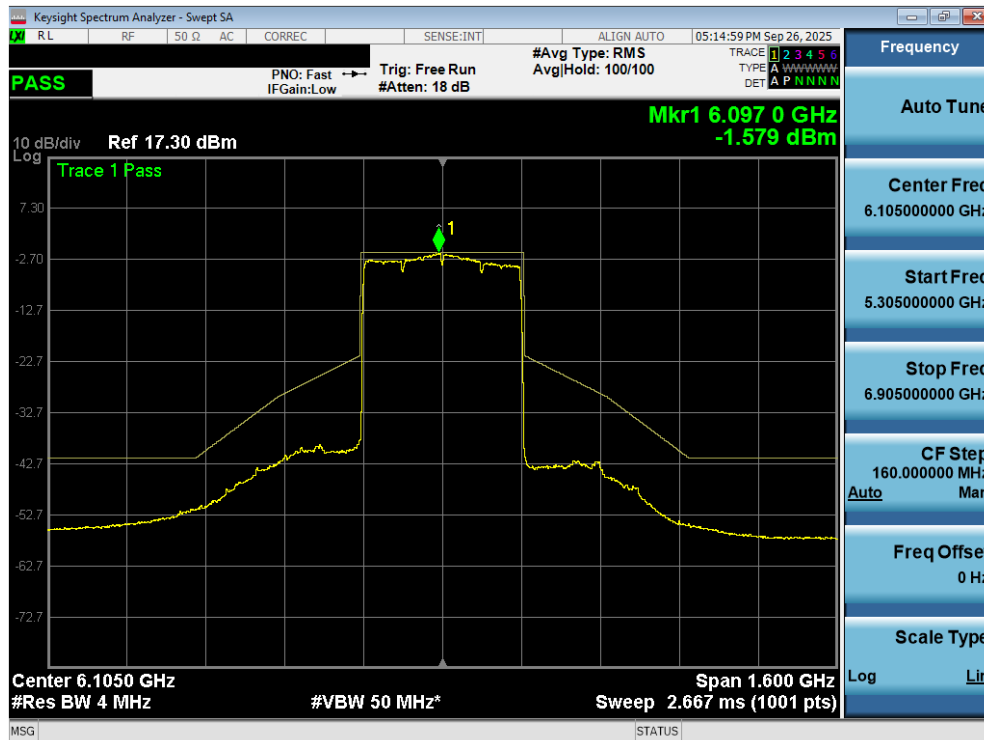


Plot 7-166. In Band Emissions Plot MIMO ANT2 (80MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 39) – SP



Plot 7-167. In Band Emissions Plot MIMO ANT2 (160MHz 802.11ax/be (Full Tones) (UNII Band 5) – Ch. 47) - SP

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 144 of 169



Plot 7-168. In Band Emissions Plot MIMO ANT2 (320MHz 802.11be (Full Tones) (UNII Band 5) – Ch. 31) - SP

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 145 of 169

7.6 Radiated Emission Measurements

Test Overview and Limit

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10:2020, and at the appropriate frequencies. All channels, modes (e.g. 802.11ax, 802.11be (20/40/80/160/320MHz), and modulations/data rates were investigated among all UNII bands. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz. Emissions found in a restricted band are subject to the limits of 15.209 as shown in the table below.

Frequency	Field Strength [μ V/m]	Measured Distance [Meters]
0.009 – 0.490 MHz	2400/F (kHz)	300
0.490 – 1.705 MHz	24000/F (kHz)	30
1.705 – 30.00 MHz	30	30
30.00 – 88.00 MHz	100	3
88.00 – 216.0 MHz	150	3
216.0 – 960.0 MHz	200	3
Above 960.0 MHz	500	3

Table 7-50. Radiated Limits

Test Procedures Used

ANSI C63.10:2020 – Sections 12.7.7.2, 12.7.6, 12.7.5

Test Settings – Above 1GHz

Average Field Strength Measurements (Method AD – Average Detection)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest.
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (RMS)
5. Number of measurement points = 1001 (Number of points must be $\geq 2 \times \text{span/RBW}$)
6. Sweep time = auto
7. Trace (RMS) averaging was performed over at least 100 traces.

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 146 of 169

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest.
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize.

Test Settings – Below 1GHz

Quasi-Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest.
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize.

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

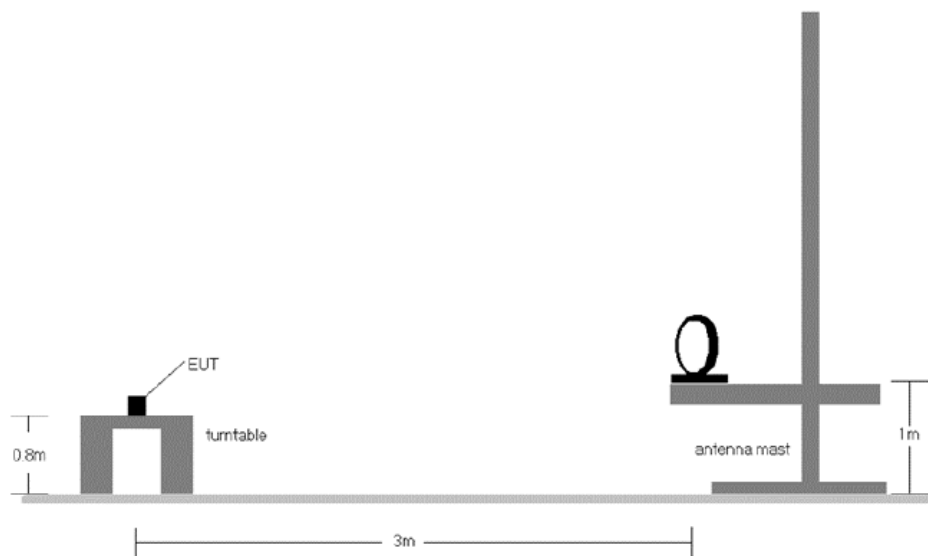


Figure 7-5. Radiated Test Setup < 30MHz

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 147 of 169

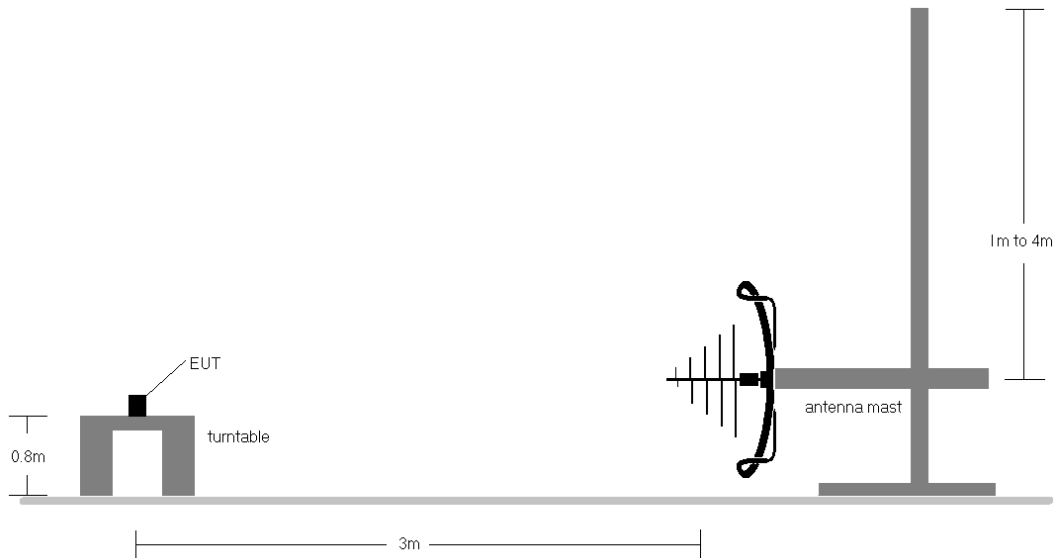


Figure 7-6. Radiated Test Setup < 1GHz

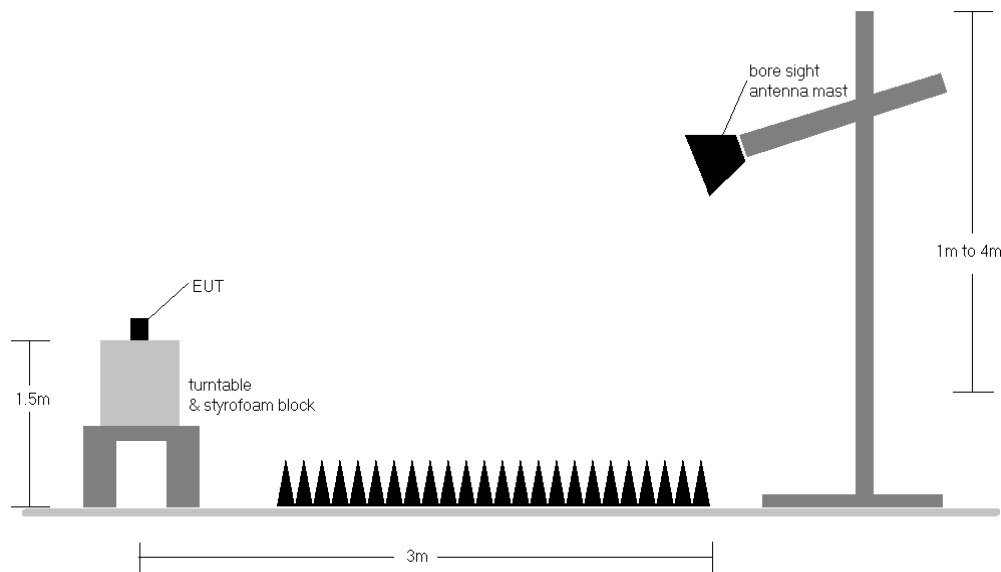


Figure 7-7. Radiated Test Setup > 1GHz

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 148 of 169

Test Notes

1. All spurious emissions lying in restricted bands specified in §15.205 are below the limit shown in §15.209. All spurious emissions that do not lie in a restricted band are subject to an average limit of -27dBm/MHz. At 3 meters, the field strength limit in dB μ V/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dB μ V/m.
2. All spurious emissions that do not lie in a restricted band are subject to a peak limit not to exceed 20dB of the average limit [68.2dB μ V/m]. If a peak measurement passes the average limit, it was determined no further investigation is necessary.
3. The antenna is manipulated through typical positions, polarity, and length during the tests. The EUT is manipulated through three orthogonal planes.
4. This unit was tested with its standard battery.
5. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1GHz. Above 1 GHz, average and peak measurements were taken using linearly polarized horn antennas. The worst-case emissions are reported, however emissions whose levels were not within 20dB of the respective limits were not reported.
6. Emissions below 18GHz were measured at a 3-meter test distance while emissions above 18GHz were measured at a 1-meter test distance with the application of a distance correction factor.
7. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. Any emissions found to be within 20dB of the limit are fully investigated and the results are shown in this section.
8. The “-” shown in the following RSE tables are used to denote a noise floor measurement.
9. For radiated measurements, emissions were investigated for the fully-loaded RU configuration and for all of the partially-loaded RU configurations. Among all of the available partially-loaded RU configurations, only the configuration with the worst case emissions is reported.

Sample Calculations

Determining Spurious Emissions Levels

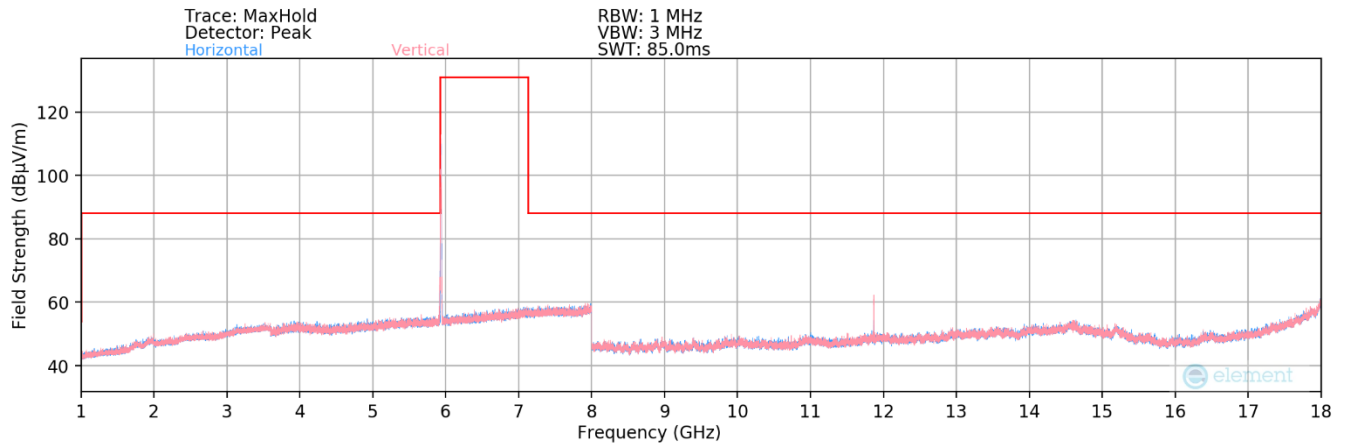
- Field Strength Level [dB μ V/m] = Analyzer Level [dBm] + 107 + AFCL [dB/m]
- AFCL [dB/m] = Antenna Factor [dB/m] + Cable Loss [dB]
- Margin [dB] = Field Strength Level [dB μ V/m] – Limit [dB μ V/m]

Radiated Band Edge Measurement Offset

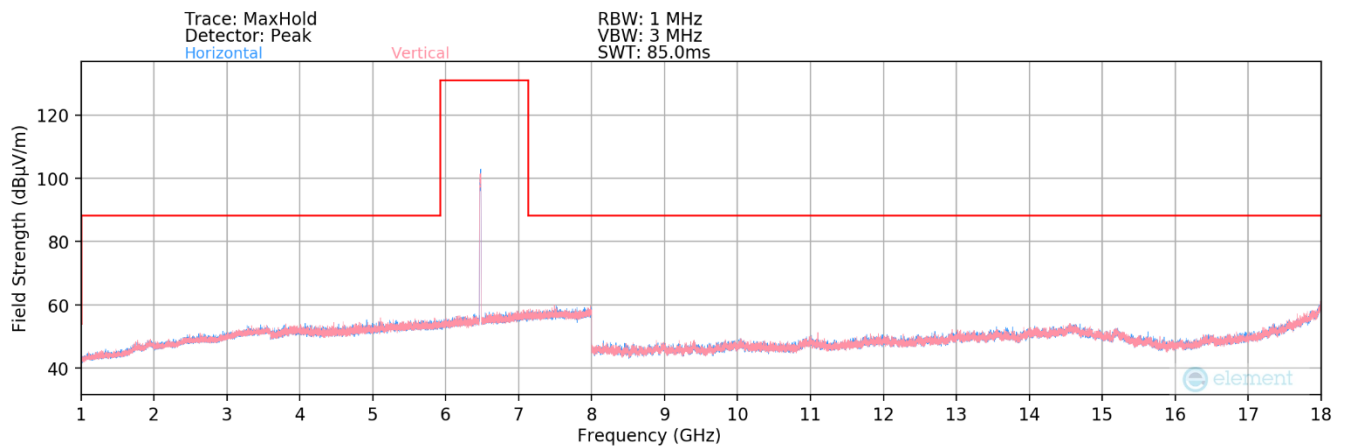
- The amplitude offset shown in the radiated restricted band edge plots was calculated using the formula:
Offset (dB) = (Antenna Factor + Cable Loss + Attenuator) – Preamplifier Gain

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 149 of 169

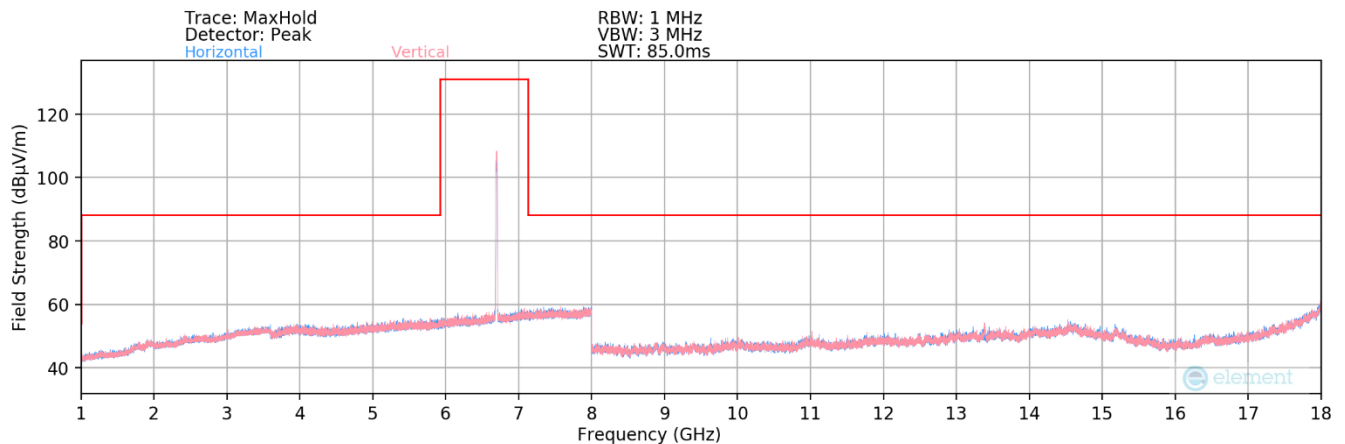
7.6.1 MIMO Radiated Spurious Emission Measurements (26 Tones)



Plot 7-169. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – UNII Band 5 Ch. 2)

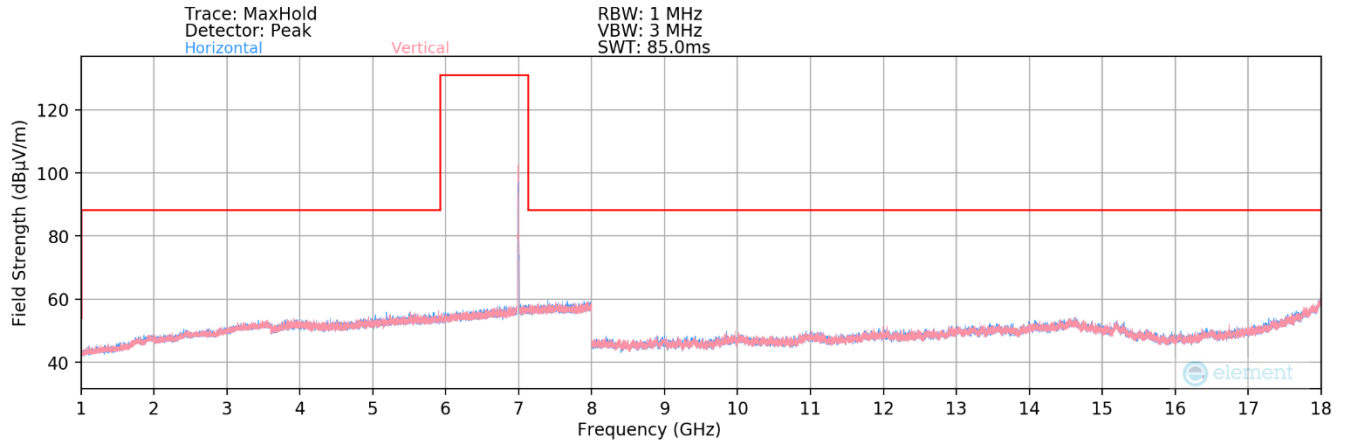


Plot 7-170. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – UNII Band 6 Ch. 105)

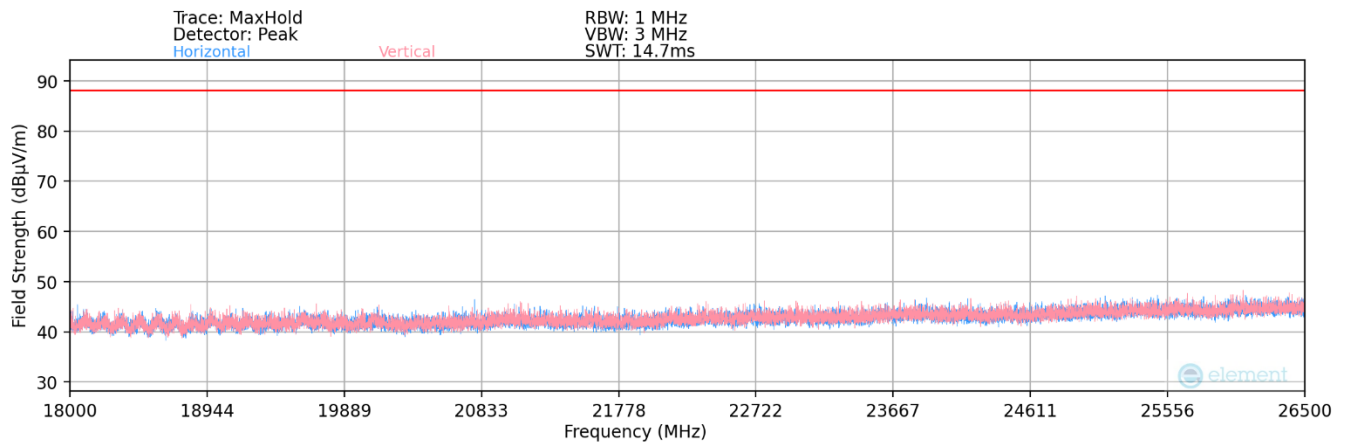


Plot 7-171. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – UNII Band 7 Ch. 149)

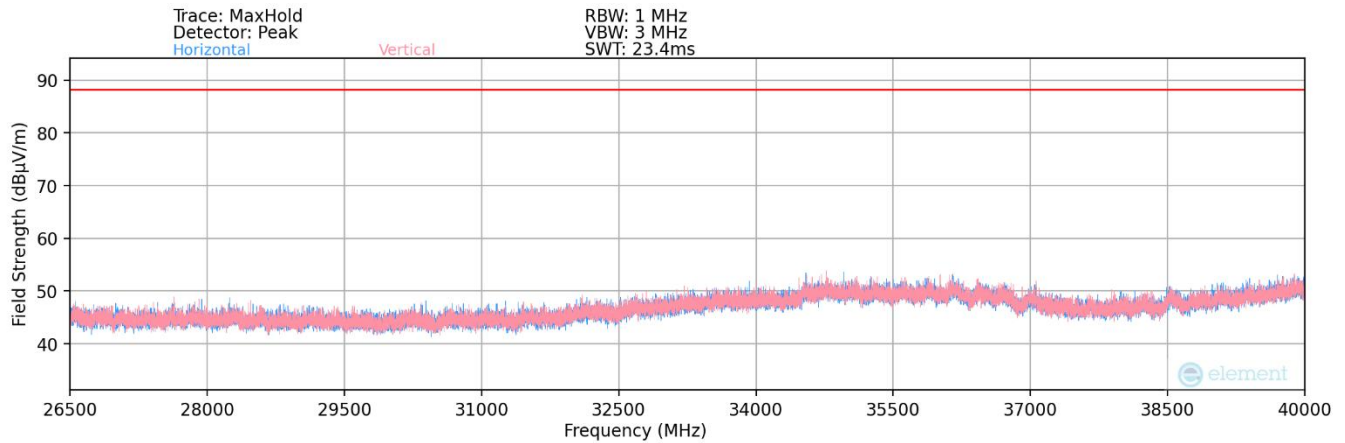
FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 150 of 169



Plot 7-172. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – U Band 8 Ch. 209)



Plot 7-173. Radiated Spurious Plot 18GHz - 26.5GHz (802.11ax) – Ch.149



Plot 7-174. Radiated Spurious Plot 26.5GHz - 40GHz (802.11ax) – Ch.149

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 151 of 169

7.6.1.1 MIMO Radiated Spurious Emission Measurements (26 Tones) – UNII Band 5

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax	MIMO	5	2	5935	4	*	11870.00	Average	H	135	255	-73.18	9.41	0.00	43.23	53.98	-10.75
						*	11870.00	Peak	H	135	255	-60.82	9.41	0.00	55.59	73.98	-18.39
						*	17805.00	Average	H	-	-	-77.17	16.76	0.00	46.59	53.98	-7.39
						*	17805.00	Peak	H	-	-	-65.02	16.76	0.00	58.74	73.98	-15.24
						*	23740.00	Average	H	-	-	-53.27	4.02	-9.54	48.21	53.98	-5.77
						*	23740.00	Peak	H	-	-	-51.77	4.02	-9.54	49.71	73.98	-24.27
			45	6175	4	*	29675.00	Peak	H	-	-	-51.94	5.01	-9.54	50.53	68.20	-17.67
						*	12350.00	Average	H	111	251	-75.94	9.78	0.00	40.84	53.98	-13.14
						*	12350.00	Peak	H	111	251	-64.08	9.78	0.00	52.70	73.98	-21.28
						*	18525.00	Average	H	-	-	-52.40	1.00	-9.54	46.05	53.98	-7.93
						*	18525.00	Peak	H	-	-	-50.34	1.00	-9.54	48.12	73.98	-25.86
						*	24700.00	Peak	H	-	-	-51.79	4.23	-9.54	49.90	68.20	-18.30
			93	6415	4	*	30875.00	Peak	H	-	-	-52.38	5.66	-9.54	50.74	68.20	-17.46
						*	12830.00	Peak	H	-	-	-66.20	10.40	0.00	51.20	68.20	-17.00
						*	19245.00	Average	H	-	-	-50.22	1.74	-9.54	48.98	53.98	-5.00
						*	19245.00	Peak	H	-	-	-52.79	1.74	-9.54	46.41	73.98	-27.57
						*	25660.00	Peak	H	-	-	-49.89	4.69	-9.54	52.26	68.20	-15.94
						*	32075.00	Peak	H	-	-	-51.88	6.47	-9.54	52.05	68.20	-16.15

Table 7-51. Radiated Measurements MIMO (26 Tones)

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax	MIMO	5	2	5935	4	*	11870.00	Average	H	123	210	-69.18	9.41	0.00	47.23	53.98	-6.75
						*	11870.00	Peak	H	123	210	-55.95	9.41	0.00	60.46	73.98	-13.52

Table 7-52. Radiated Measurements MIMO (26 Tones) - WCP

7.6.1.2 MIMO Radiated Spurious Emission Measurements (26 Tones) – UNII Band 6

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax	MIMO	6	97	6435	4	*	12870.00	Peak	H	-	-	-66.79	10.56	0.00	50.77	68.20	-17.43
						*	19305.00	Average	H	-	-	-52.57	1.65	-9.54	46.54	53.98	-7.44
						*	19305.00	Peak	H	-	-	-50.56	1.65	-9.54	48.55	73.98	-25.43
						*	25740.00	Peak	H	-	-	-50.34	4.71	-9.54	51.83	68.20	-16.37
						*	32175.00	Peak	H	-	-	-52.32	6.76	-9.54	51.90	68.20	-16.30
			105	6475	4	*	12950.00	Peak	H	-	-	-65.00	10.59	0.00	52.59	68.20	-15.61
						*	19425.00	Average	H	-	-	-53.23	1.76	-9.54	45.99	53.98	-7.99
						*	19425.00	Peak	H	-	-	-49.86	1.76	-9.54	49.36	73.98	-24.62
						*	25900.00	Peak	H	-	-	-51.25	4.78	-9.54	50.99	68.20	-17.21
						*	32375.00	Peak	H	-	-	-52.72	6.56	-9.54	51.30	68.20	-16.90
			113	6515	4	*	13030.00	Peak	H	-	-	-65.80	10.85	0.00	52.05	68.20	-16.15
						*	19545.00	Average	H	-	-	-52.52	1.89	-9.54	46.83	53.98	-7.15
						*	19545.00	Peak	H	-	-	-51.16	1.89	-9.54	48.19	73.98	-25.79
						*	26060.00	Peak	H	-	-	-51.84	4.92	-9.54	50.54	68.20	-17.66
						*	32575.00	Peak	H	-	-	-52.40	6.76	-9.54	51.82	68.20	-16.38

Table 7-53. Radiated Measurements MIMO (26 Tones)

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 152 of 169

7.6.1.3 MIMO Radiated Spurious Emission Measurements (26 Tones) – UNII Band 7

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax	MIMO	7	117	6535	4		13070.00	Peak	H	-	-	-65.43	10.74	0.00	52.31	68.20	-15.89
						*	19605.00	Average	H	-	-	-52.47	2.20	-9.54	47.19	53.98	-6.79
						*	19605.00	Peak	H	-	-	-50.86	2.20	-9.54	48.80	73.98	-25.18
							26140.00	Peak	H	-	-	-51.85	4.98	-9.54	50.59	68.20	-17.61
							32675.00	Peak	H	-	-	-51.77	7.14	-9.54	52.83	68.20	-15.37
			149	6695	4	*	13390.00	Average	H	-	-	-77.58	11.04	0.00	40.46	53.98	-13.52
						*	13390.00	Peak	H	-	-	-65.80	11.04	0.00	52.24	73.98	-21.74
						*	20085.00	Average	H	-	-	-53.82	2.07	-9.54	45.71	53.98	-8.27
						*	20085.00	Peak	H	-	-	-51.28	2.07	-9.54	48.25	73.98	-25.73
							26780.00	Peak	H	-	-	-50.97	5.18	-9.54	51.67	68.20	-16.53
							33475.00	Peak	H	-	-	-52.01	8.48	-9.54	53.93	68.20	-14.27
			185	6875	4		13750.00	Peak	H	-	-	-66.14	11.51	0.00	52.37	68.20	-15.83
						*	20625.00	Average	H	-	-	-54.34	2.36	-9.54	45.48	53.98	-8.50
						*	20625.00	Peak	H	-	-	-51.51	2.36	-9.54	48.31	73.98	-25.67
							27500.00	Peak	H	-	-	-51.63	5.00	-9.54	50.83	68.20	-17.37
							34375.00	Peak	H	-	-	-52.45	9.46	-9.54	54.47	68.20	-13.73

Table 7-54. Radiated Measurements MIMO (26 Tones)

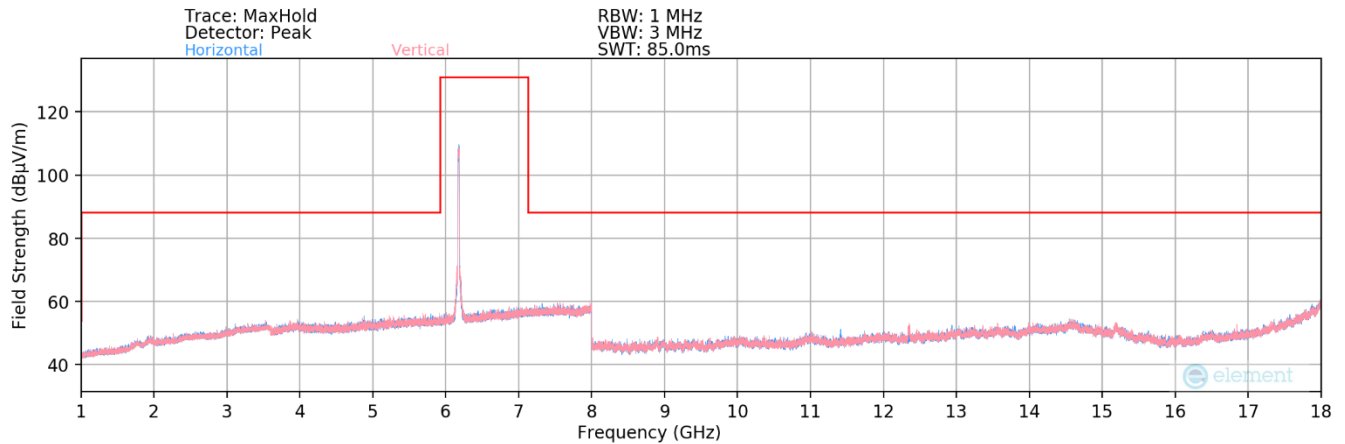
7.6.1.4 MIMO Radiated Spurious Emission Measurements (26 Tones) – UNII Band 8

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax	MIMO	8	189	6895	4		13790.00	Peak	H	-	-	-65.24	11.38	0.00	53.14	68.20	-15.06
						*	20685.00	Average	H	-	-	-53.71	2.33	-9.54	46.08	53.98	-7.90
						*	20685.00	Peak	H	-	-	-51.79	2.33	-9.54	48.00	73.98	-25.98
							27580.00	Peak	H	-	-	-52.30	5.33	-9.54	50.49	68.20	-17.71
							34475.00	Peak	H	-	-	-53.01	9.33	-9.54	53.78	68.20	-14.42
			209	6995	4		13990.00	Peak	H	-	-	-65.98	11.63	0.00	52.65	68.20	-15.55
						*	20985.00	Average	H	-	-	-53.75	2.83	-9.54	46.54	53.98	-7.44
						*	20985.00	Peak	H	-	-	-50.94	2.83	-9.54	49.35	73.98	-24.63
							27980.00	Peak	H	-	-	-52.38	5.30	-9.54	50.38	68.20	-17.82
							34975.00	Peak	H	-	-	-52.84	9.79	-9.54	54.41	68.20	-13.79
			233	7115	4		14230.00	Peak	H	-	-	-66.20	12.35	0.00	53.15	68.20	-15.05
						*	21345.00	Average	H	-	-	-53.18	2.85	-9.54	47.13	53.98	-6.85
						*	21345.00	Peak	H	-	-	-52.19	2.85	-9.54	48.12	73.98	-25.86
							28460.00	Peak	H	-	-	-52.30	5.34	-9.54	50.50	68.20	-17.70
							35575.00	Peak	H	-	-	-52.66	9.53	-9.54	54.33	68.20	-13.87

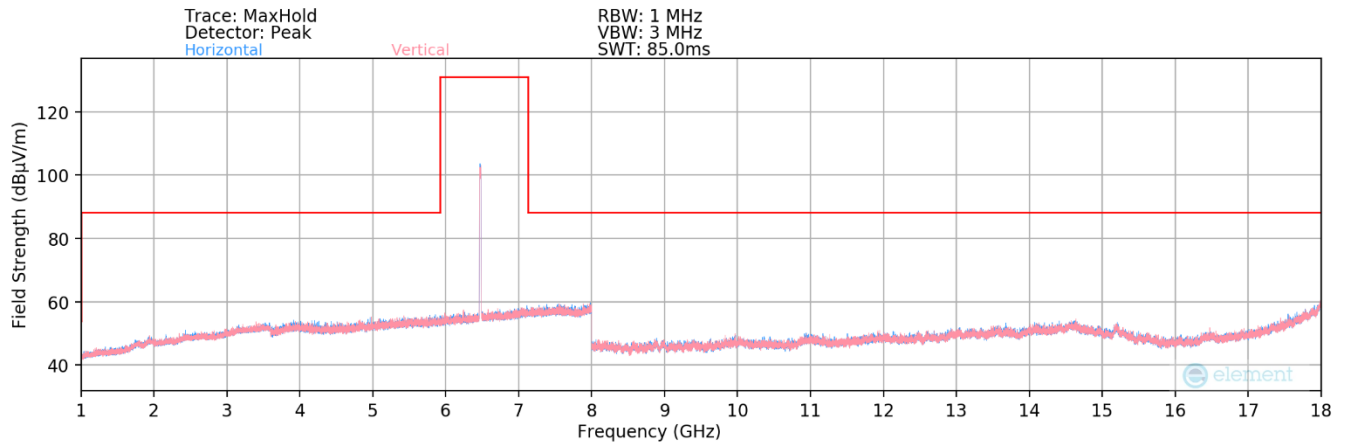
Table 7-55. Radiated Measurements MIMO (26 Tones)

FCC ID: A3LSMS942B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset		Page 153 of 169

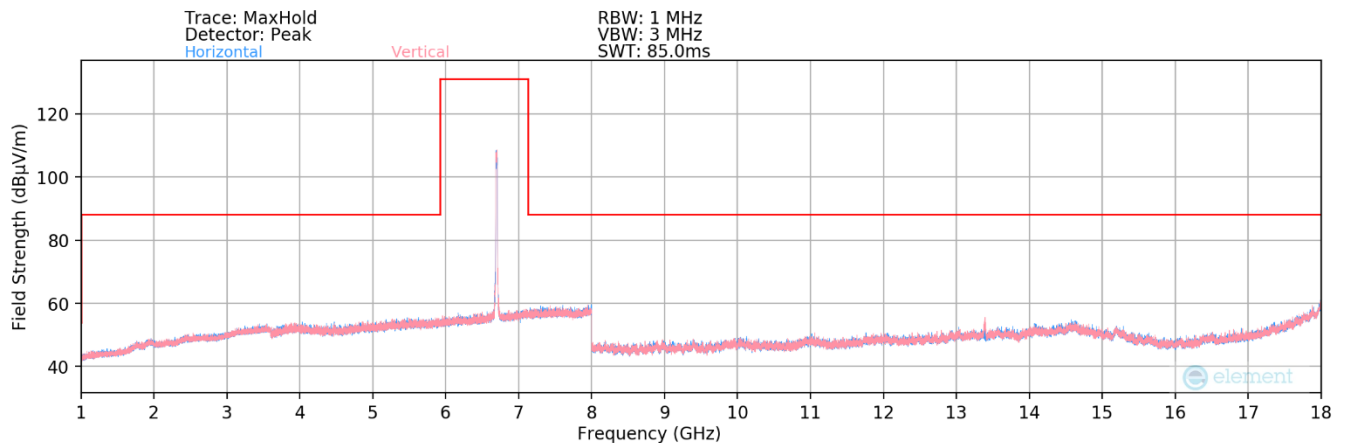
7.6.2 MIMO Radiated Spurious Emission Measurements (242 Tones)



Plot 7-175. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – UNII Band 5 Ch. 45)

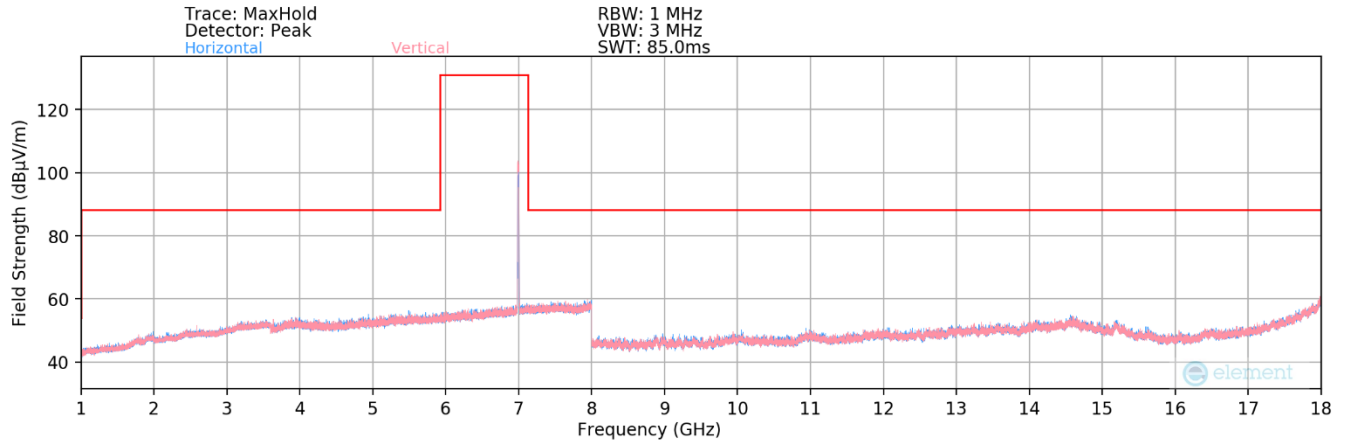


Plot 7-176. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – UNII Band 6 Ch. 105)

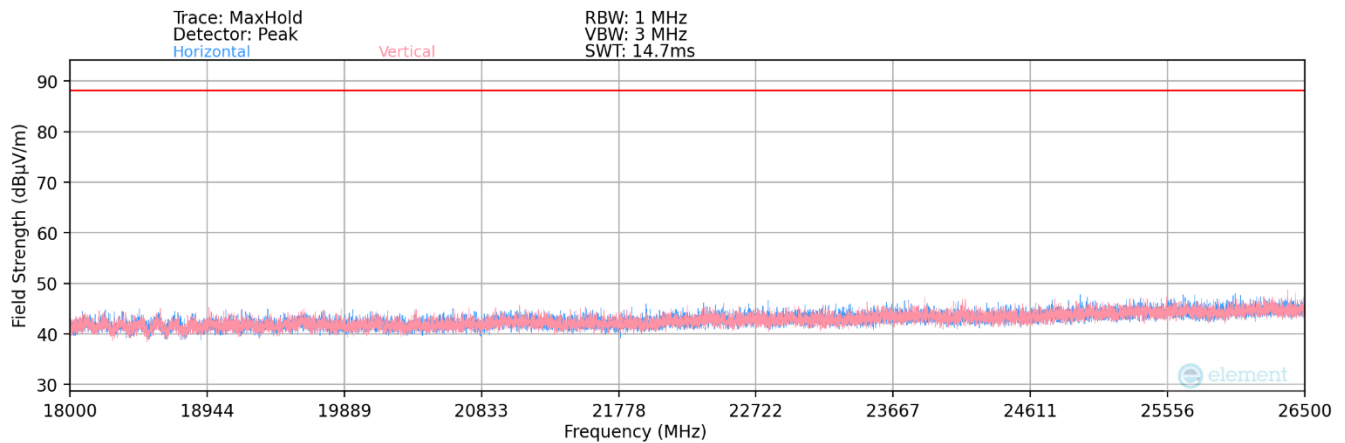


Plot 7-177. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – UNII Band 7 Ch. 149)

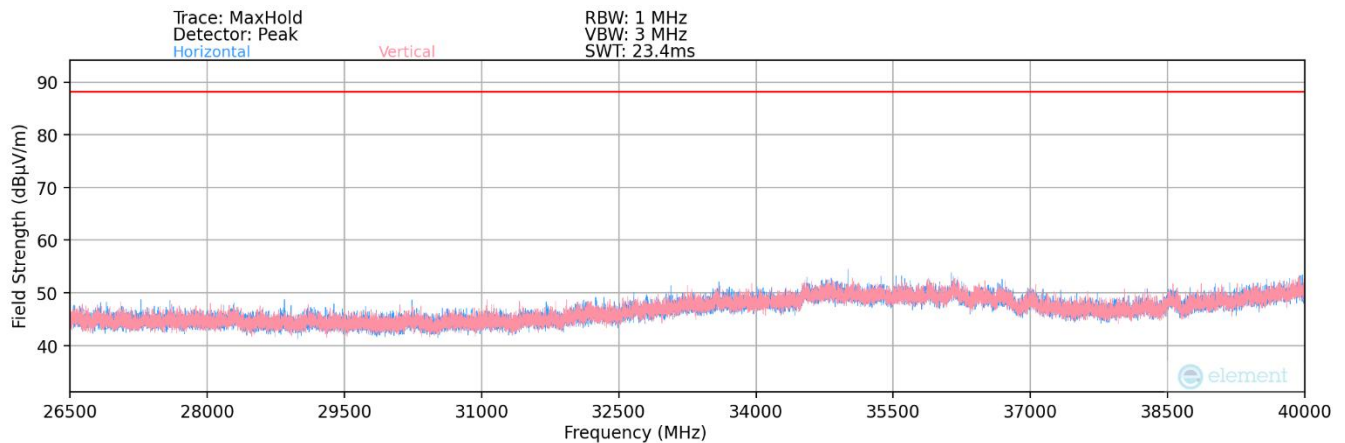
FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 154 of 169



Plot 7-178. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – U Band 8 Ch. 209)



Plot 7-179. Radiated Spurious Plot 18GHz - 26.5GHz (802.11ax) – Ch.149



Plot 7-180. Radiated Spurious Plot 26.5GHz - 40GHz (802.11ax) – Ch.149

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 155 of 169

7.6.2.1 MIMO Radiated Spurious Emission Measurements (242 Tones) – UNII Band 5

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax	MIMO	5	2	5935	61	*	11870.00	Average	H	-	-	-76.91	9.41	0.00	39.50	53.98	-14.48
						*	11870.00	Peak	H	-	-	-65.41	9.41	0.00	51.00	73.98	-22.98
						*	17805.00	Average	H	-	-	-77.71	16.76	0.00	46.05	53.98	-7.93
						*	17805.00	Peak	H	-	-	-66.25	16.76	0.00	57.51	73.98	-16.47
						*	23740.00	Average	H	-	-	-54.24	4.02	-9.54	47.24	53.98	-6.74
						*	23740.00	Peak	H	-	-	-51.98	4.02	-9.54	49.50	73.98	-24.48
			45	6175	61		29675.00	Peak	H	-	-	-51.72	5.01	-9.54	50.75	68.20	-17.45
						*	12350.00	Average	H	-	-	-78.69	9.78	0.00	38.09	53.98	-15.89
						*	12350.00	Peak	H	-	-	-66.82	9.78	0.00	49.96	73.98	-24.02
						*	18525.00	Average	H	-	-	-53.20	1.00	-9.54	45.26	53.98	-8.72
						*	18525.00	Peak	H	-	-	-50.55	1.00	-9.54	47.91	73.98	-26.07
							24700.00	Peak	H	-	-	-51.29	4.23	-9.54	50.40	68.20	-17.80
			93	6415	61		30875.00	Peak	H	-	-	-51.73	5.66	-9.54	51.39	68.20	-16.81
							12830.00	Peak	H	-	-	-66.40	10.40	0.00	51.00	68.20	-17.20
						*	19245.00	Average	H	-	-	-52.23	1.74	-9.54	46.97	53.98	-7.01
						*	19245.00	Peak	H	-	-	-49.54	1.74	-9.54	49.66	73.98	-24.32
							25660.00	Peak	H	-	-	-51.04	4.69	-9.54	51.11	68.20	-17.09
							32075.00	Peak	H	-	-	-52.39	6.47	-9.54	51.54	68.20	-16.66

Table 7-56. Radiated Measurements MIMO (242 Tones)

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax	MIMO	5	45	6175	61		12350.00	Average	H	111	240	-76.67	9.78	0.00	40.11	53.98	-13.87
							12350.00	Peak	H	111	240	-64.94	9.78	0.00	51.84	73.98	-22.14

Table 7-57. Radiated Measurements MIMO (242 Tones) - WCP

7.6.2.2 MIMO Radiated Spurious Emission Measurements (242 Tones) – UNII Band 6

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax	MIMO	6	97	6435	61		12870.00	Peak	H	-	-	-67.69	10.56	0.00	49.87	68.20	-18.33
						*	19305.00	Average	H	-	-	-52.75	1.65	-9.54	46.36	53.98	-7.62
						*	19305.00	Peak	H	-	-	-50.75	1.65	-9.54	48.36	73.98	-25.62
							25740.00	Peak	H	-	-	-51.64	4.71	-9.54	50.53	68.20	-17.67
							32175.00	Peak	H	-	-	-52.59	6.76	-9.54	51.63	68.20	-16.57
			105	6475	61		12950.00	Peak	H	-	-	-67.49	10.59	0.00	50.10	68.20	-18.10
						*	19425.00	Average	H	-	-	-52.73	1.76	-9.54	46.49	53.98	-7.49
						*	19425.00	Peak	H	-	-	-50.27	1.76	-9.54	48.95	73.98	-25.03
							25900.00	Peak	H	-	-	-50.71	4.78	-9.54	51.53	68.20	-16.67
							32375.00	Peak	H	-	-	-52.03	6.56	-9.54	51.99	68.20	-16.21
			113	6515	61		13030.00	Peak	H	-	-	-66.43	10.85	0.00	51.42	68.20	-16.78
						*	19545.00	Average	H	-	-	-53.40	1.89	-9.54	45.95	53.98	-8.03
						*	19545.00	Peak	H	-	-	-50.92	1.89	-9.54	48.43	73.98	-25.55
							26060.00	Peak	H	-	-	-51.81	4.92	-9.54	50.57	68.20	-17.63
							32575.00	Peak	H	-	-	-52.49	6.76	-9.54	51.73	68.20	-16.47

Table 7-58. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LSMS942B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset		Page 156 of 169

7.6.2.3 MIMO Radiated Spurious Emission Measurements (242 Tones) – UNII Band 7

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax	MIMO	7	117	6535	61		13070.00	Peak	H	-	-	-66.55	10.74	0.00	51.19	68.20	-17.01
						*	19605.00	Average	H	-	-	-52.55	2.20	-9.54	47.11	53.98	-6.87
						*	19605.00	Peak	H	-	-	-50.86	2.20	-9.54	48.80	73.98	-25.18
							26140.00	Peak	H	-	-	-51.77	4.98	-9.54	50.67	68.20	-17.53
							32675.00	Peak	H	-	-	-51.47	7.14	-9.54	53.13	68.20	-15.07
			149	6695	61	*	13390.00	Average	H	-	-	-78.21	11.04	0.00	39.83	53.98	-14.15
						*	13390.00	Peak	H	-	-	-66.39	11.04	0.00	51.65	73.98	-22.33
						*	20085.00	Average	H	-	-	-53.80	2.07	-9.54	45.73	53.98	-8.25
						*	20085.00	Peak	H	-	-	-51.59	2.07	-9.54	47.94	73.98	-26.04
							26780.00	Peak	H	-	-	-50.86	5.18	-9.54	51.78	68.20	-16.42
			185	6875	61		33475.00	Peak	H	-	-	-51.63	8.48	-9.54	54.31	68.20	-13.89
							13750.00	Peak	H	-	-	-66.33	11.51	0.00	52.18	68.20	-16.02
						*	20625.00	Average	H	-	-	-52.60	2.36	-9.54	47.22	53.98	-6.76
						*	20625.00	Peak	H	-	-	-51.29	2.36	-9.54	48.53	73.98	-25.45
							27500.00	Peak	H	-	-	-51.63	5.00	-9.54	50.83	68.20	-17.37
							34375.00	Peak	H	-	-	-52.51	9.46	-9.54	54.41	68.20	-13.79

Table 7-59. Radiated Measurements MIMO (242 Tones)

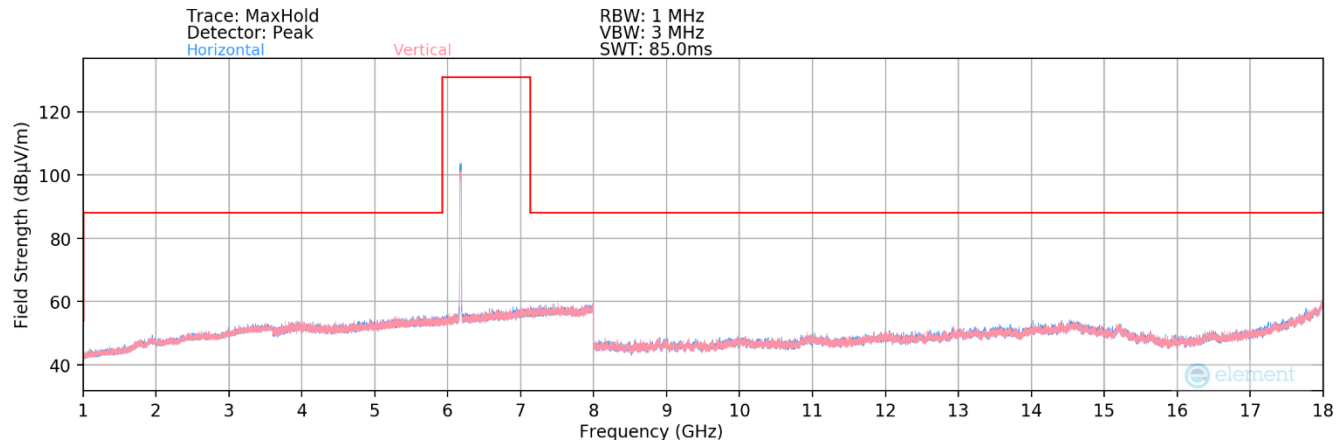
7.6.2.4 MIMO Radiated Spurious Emission Measurements (242 Tones) – UNII Band 8

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax	MIMO	8	189	6895	61		13790.00	Peak	H	-	-	-66.47	11.38	0.00	51.91	68.20	-16.29
						*	20685.00	Average	H	-	-	-53.36	2.33	-9.54	46.43	53.98	-7.55
						*	20685.00	Peak	H	-	-	-52.18	2.33	-9.54	47.61	73.98	-26.37
							27580.00	Peak	H	-	-	-52.12	5.33	-9.54	50.67	68.20	-17.53
							34475.00	Peak	H	-	-	-52.44	9.33	-9.54	54.35	68.20	-13.85
			209	6995	61		13990.00	Peak	H	-	-	-66.22	11.63	0.00	52.41	68.20	-15.79
						*	20985.00	Average	H	-	-	-53.36	2.83	-9.54	46.93	53.98	-7.05
						*	20985.00	Peak	H	-	-	-51.22	2.83	-9.54	49.07	73.98	-24.91
							27980.00	Peak	H	-	-	-51.92	5.30	-9.54	50.84	68.20	-17.36
							34975.00	Peak	H	-	-	-52.63	9.79	-9.54	54.62	68.20	-13.58
			233	7115	61		14230.00	Peak	H	-	-	-66.07	12.35	0.00	53.28	68.20	-14.92
						*	21345.00	Average	H	-	-	-55.46	2.85	-9.54	44.85	53.98	-9.13
						*	21345.00	Peak	H	-	-	-53.13	2.85	-9.54	47.18	73.98	-26.80
							28460.00	Peak	H	-	-	-51.66	5.34	-9.54	51.14	68.20	-17.06
							35575.00	Peak	H	-	-	-52.29	9.53	-9.54	54.70	68.20	-13.50

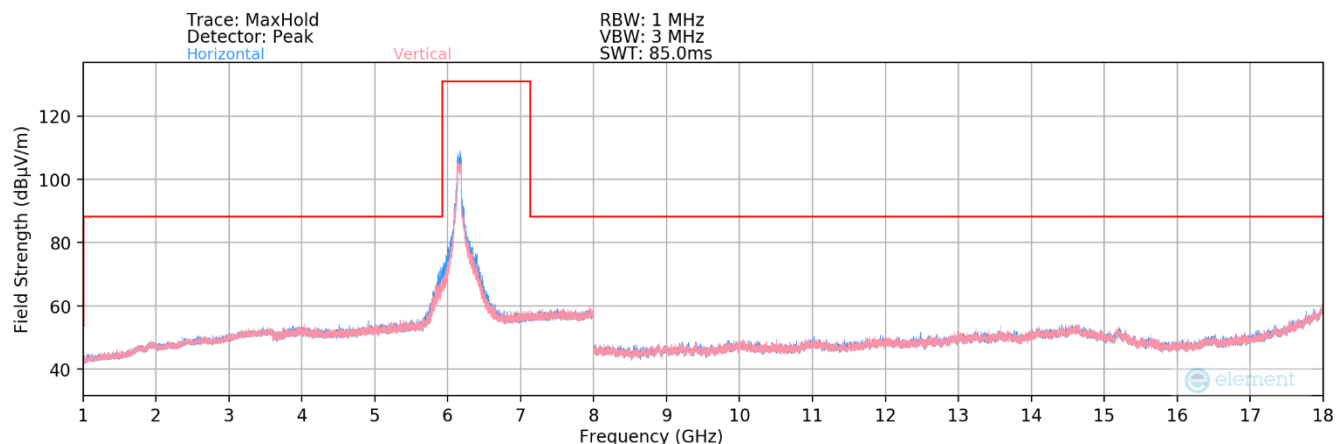
Table 7-60. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LSMS942B	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 157 of 169	

7.6.3 MIMO Radiated Spurious Emission Measurements (MRU)



Plot 7-181. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11be – UNII Band 5 Ch. 45) – 52+26 Tones

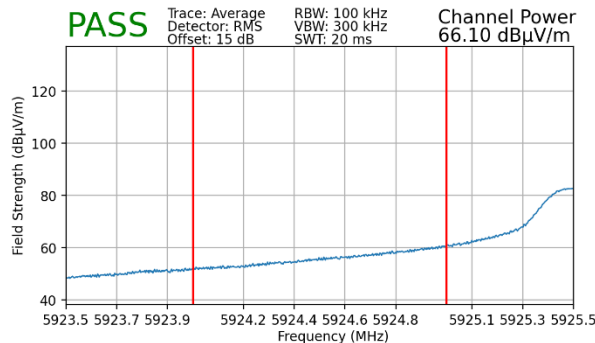


Plot 7-182. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11be – UNII Band 5 Ch. 39) – 484+242 Tones

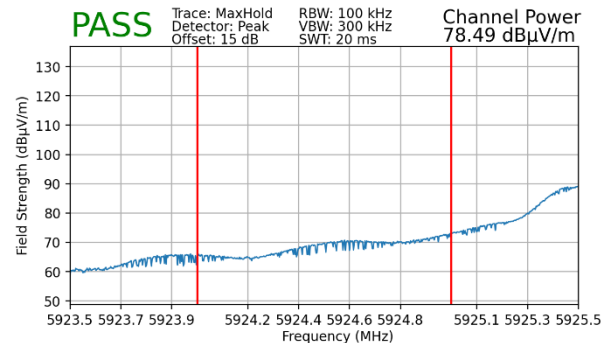
FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 158 of 169

7.6.4 MIMO Radiated Band Edge Measurements (20MHz BW – Partial Tone – 106T)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index	53
Distance of Measurements:	3 Meters
Operating Frequency:	5935MHz
Channel:	2

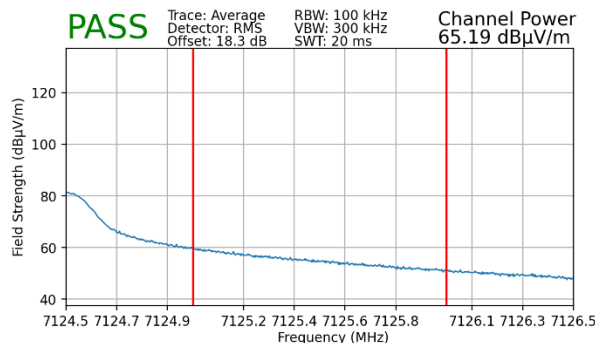


Plot 7-183. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5 – 106T)

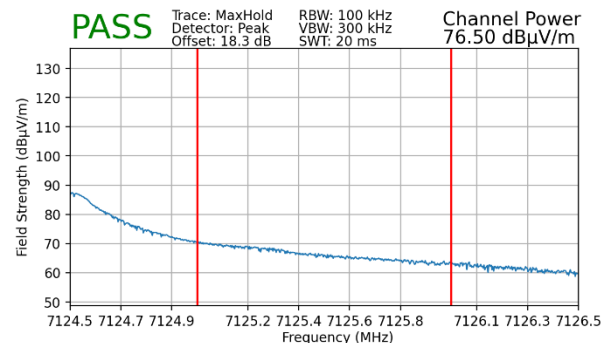


Plot 7-184. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 5 – 106T)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index	54
Distance of Measurements:	3 Meters
Operating Frequency:	7115MHz
Channel:	233



Plot 7-185. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 8 – 106T)



Plot 7-186. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 8 – 106T)

FCC ID: A3LSMS942B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270084-19-R2.A3L	Test Dates: 9/2/25 - 12/30/25	EUT Type: Portable Handset	Page 159 of 169