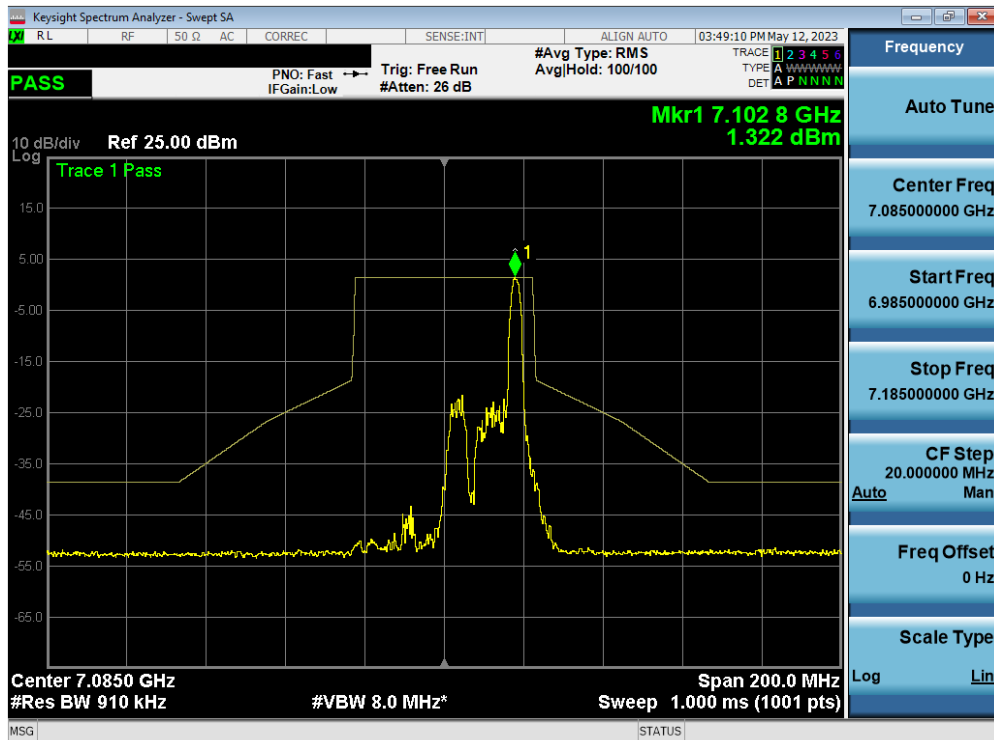
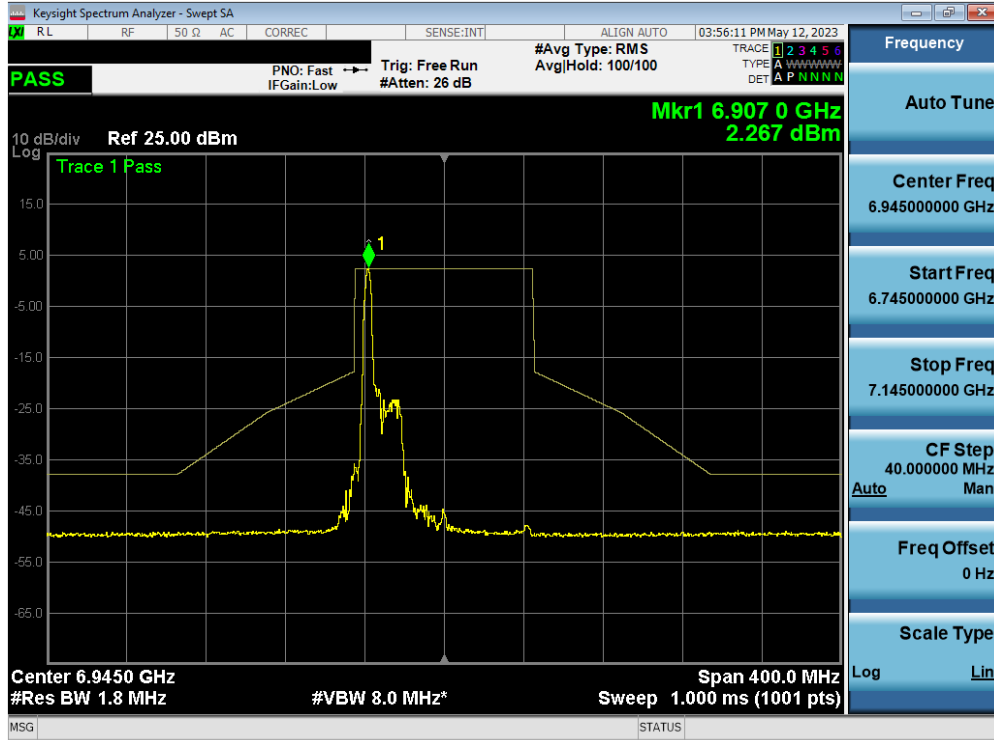


Plot 7-436. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 211)

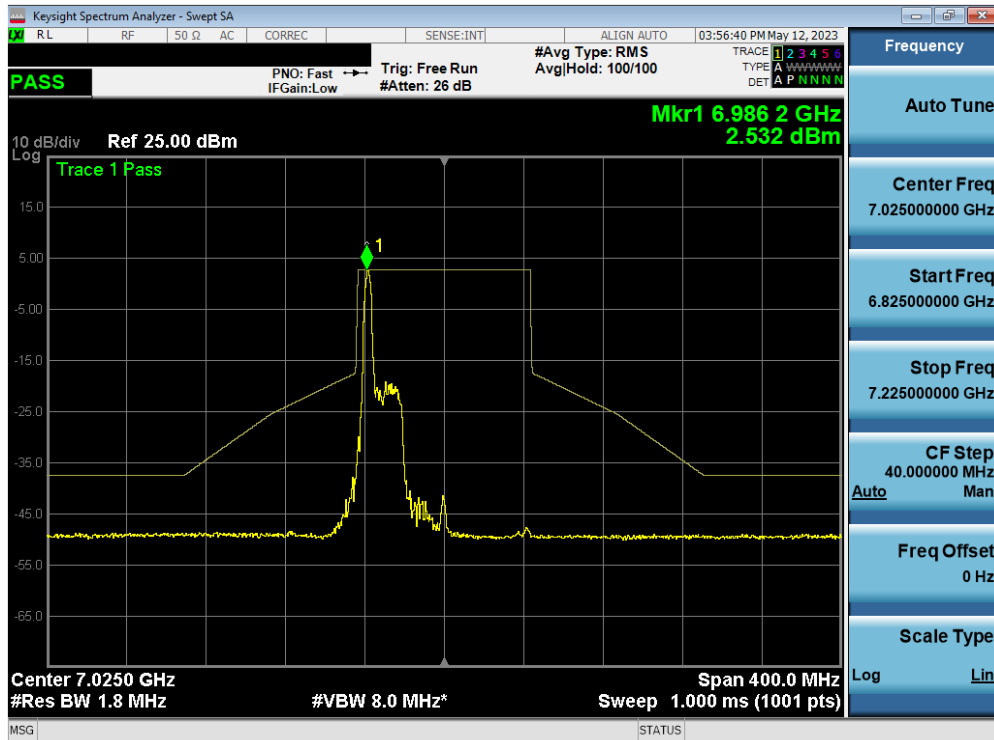


Plot 7-437. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 227)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 259 of 324

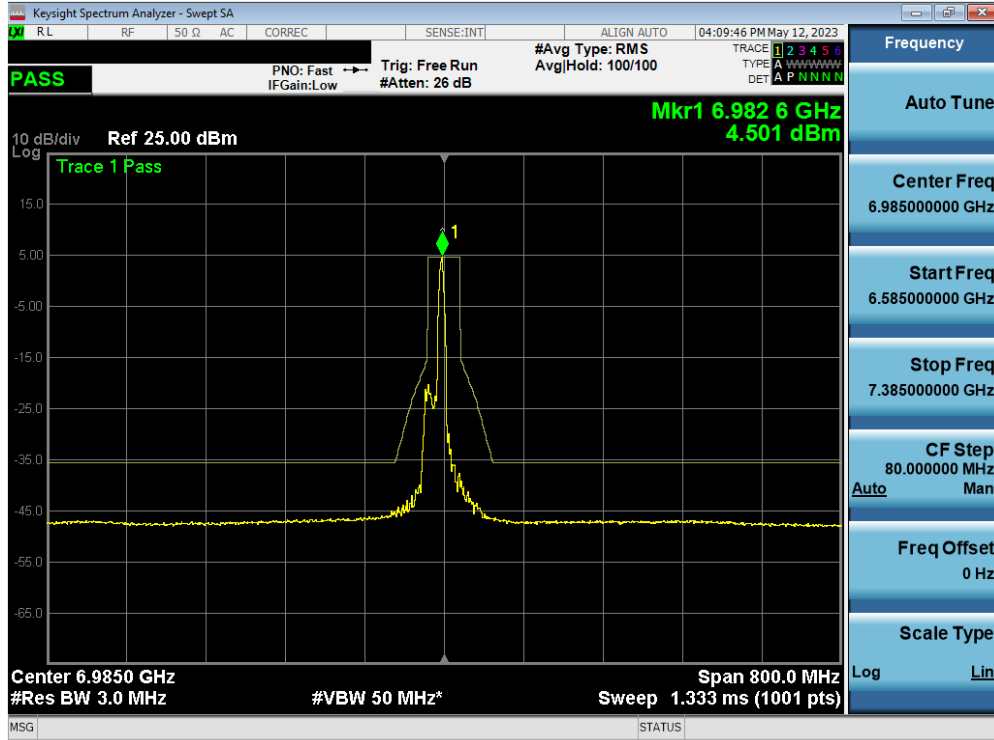


Plot 7-438. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 199)



Plot 7-439. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 215)

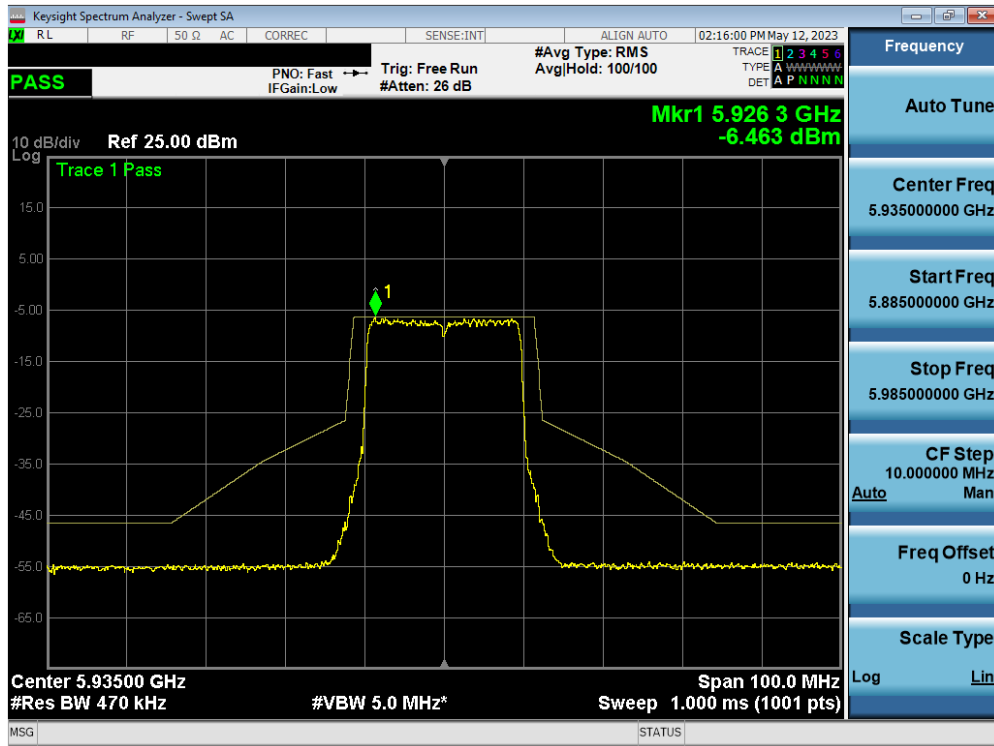
FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 260 of 324



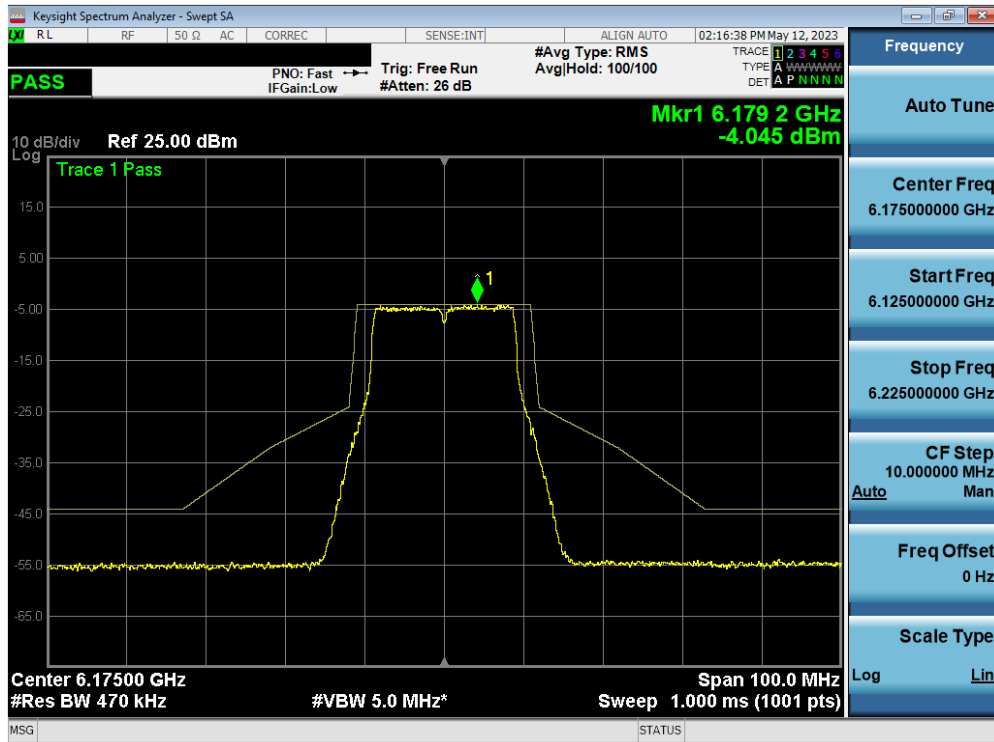
Plot 7-440. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 207)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 261 of 324

7.5.13 MIMO Antenna-2 In-Band Emission Measurements – (UNII Band 5 – Full)

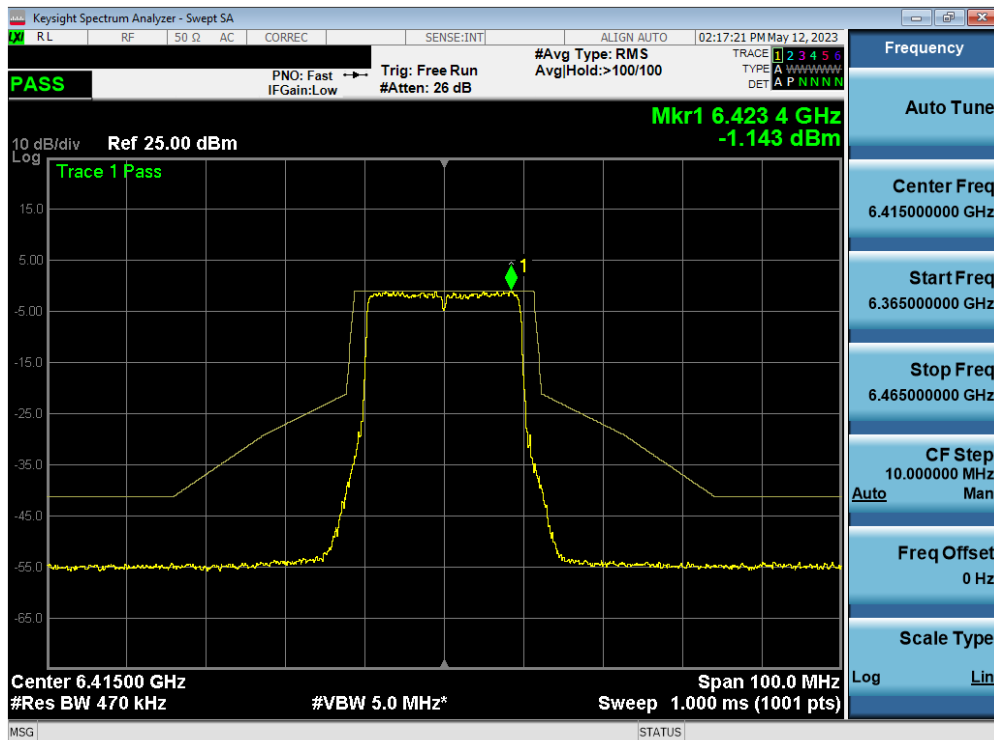


Plot 7-441. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax (Full Tone) UNII Band 5) – Ch. 2

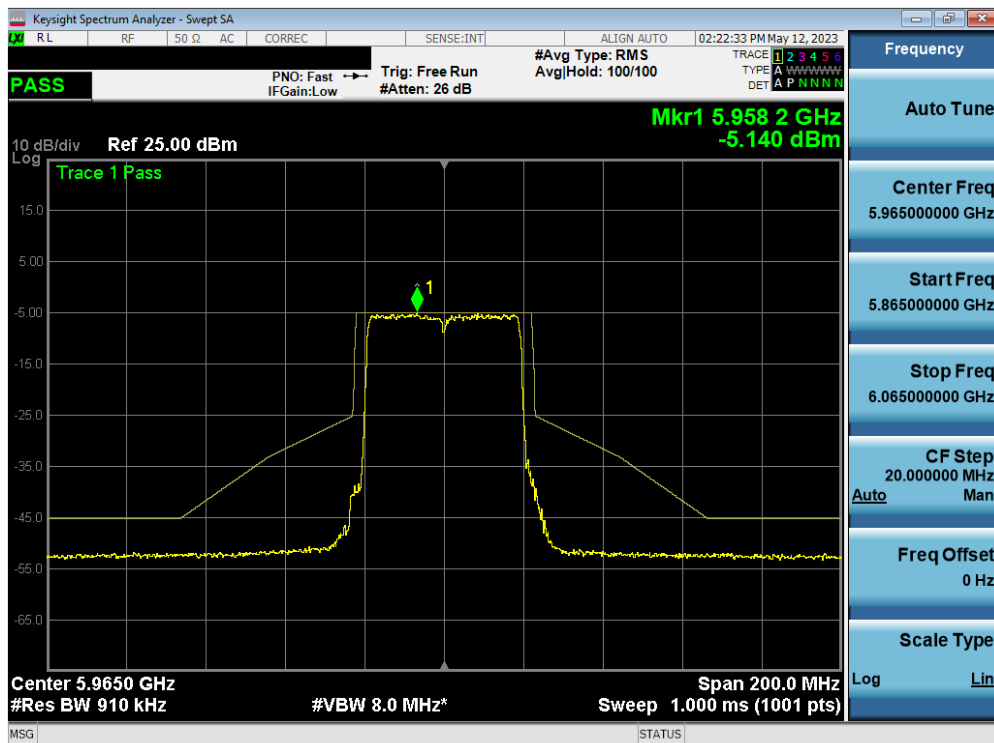


Plot 7-442. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 45)

FCC ID: A3LSMX910 IC: 649E-SMX910		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 262 of 324	

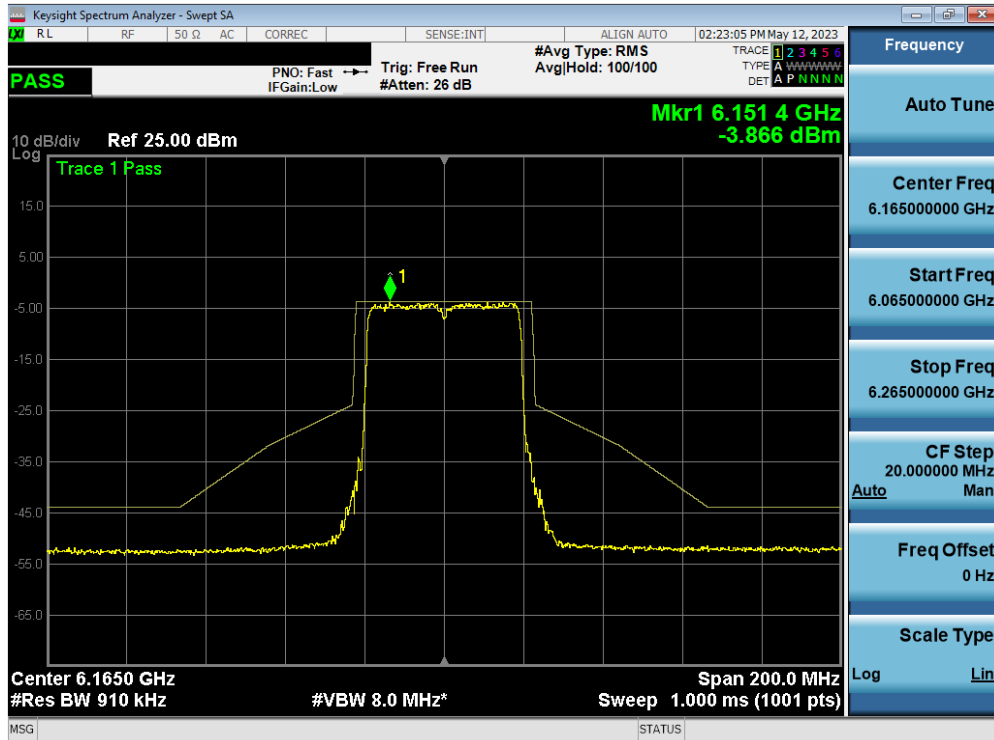


Plot 7-443. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax (Full Tone) UNII Band 5) – Ch. 93

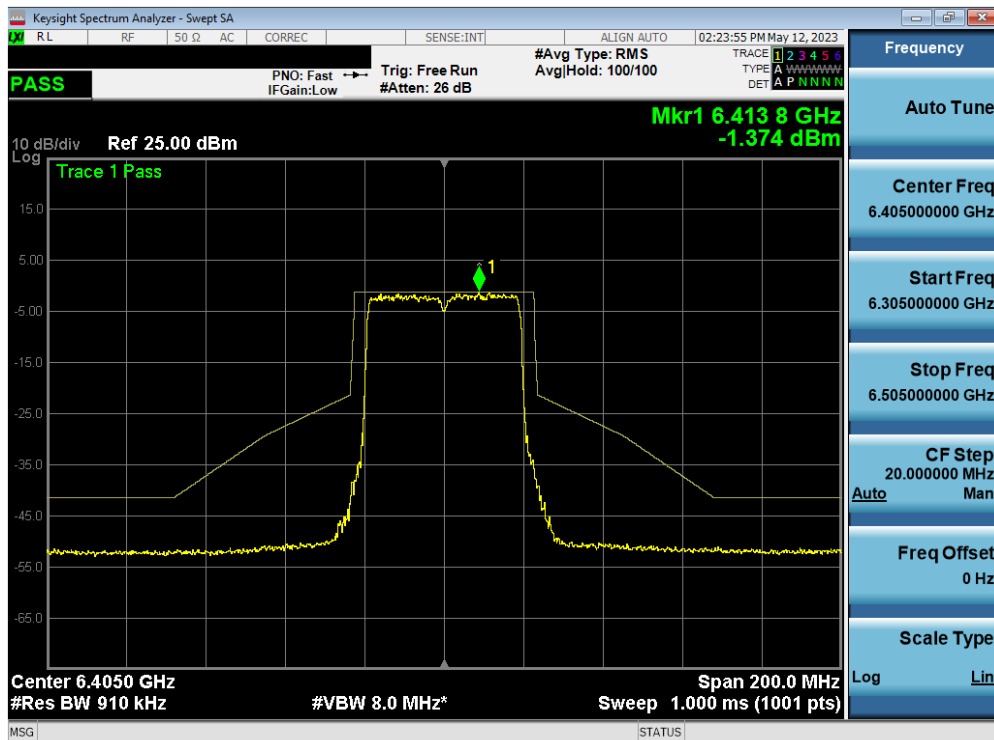


Plot 7-444. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 3)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 263 of 324

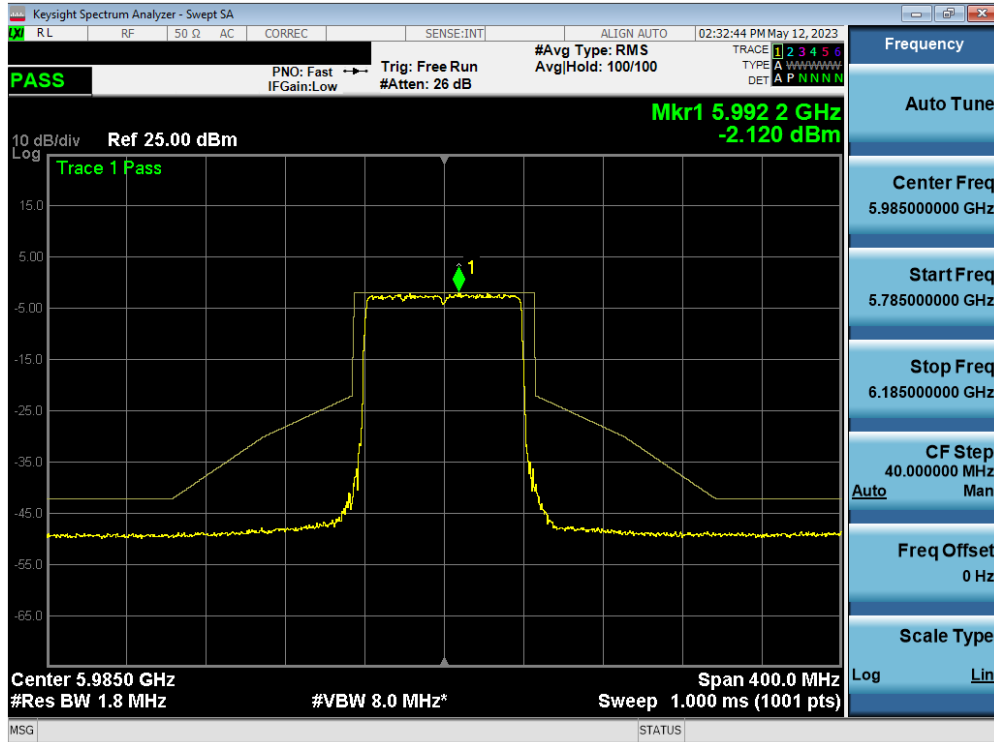


Plot 7-445. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 43)

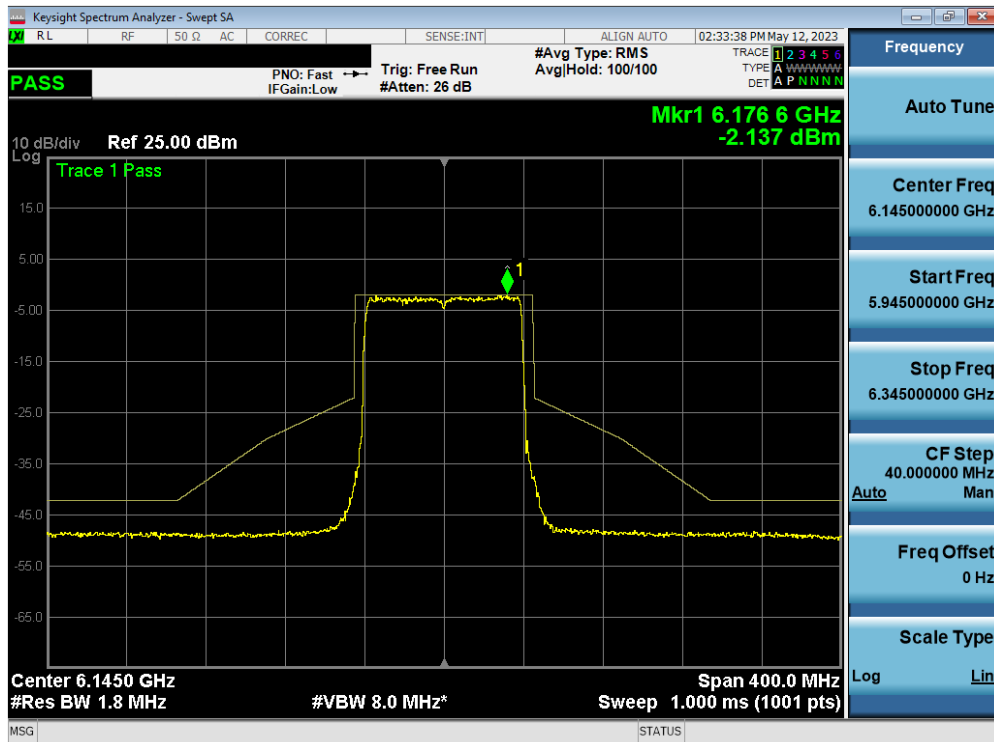


Plot 7-446. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 91)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 264 of 324

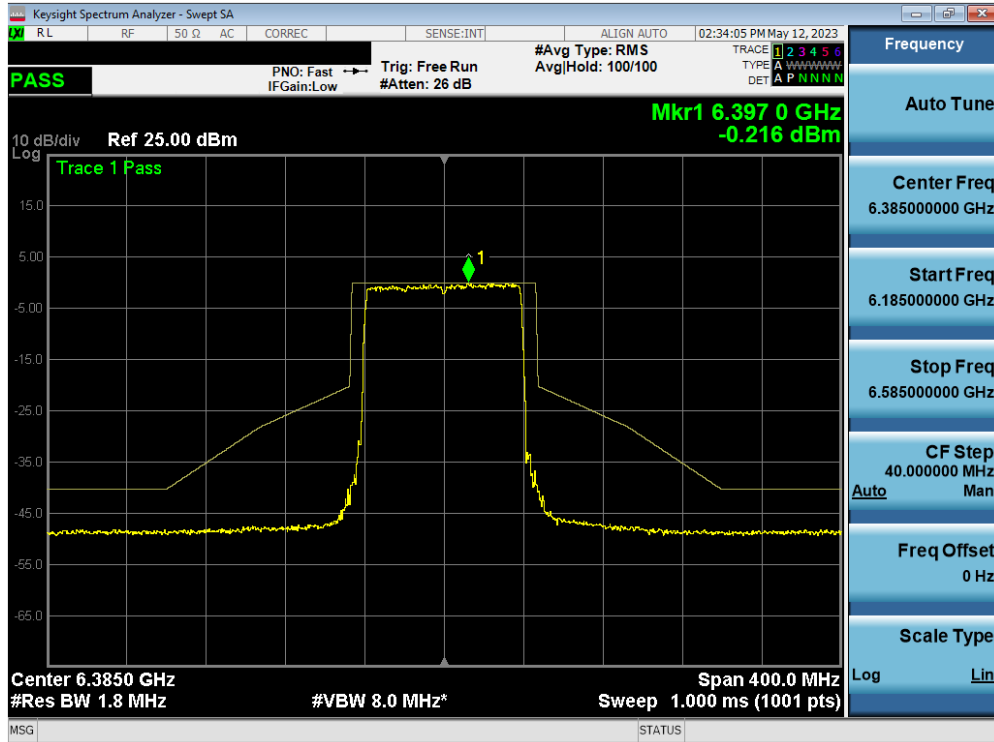


Plot 7-447. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 7)

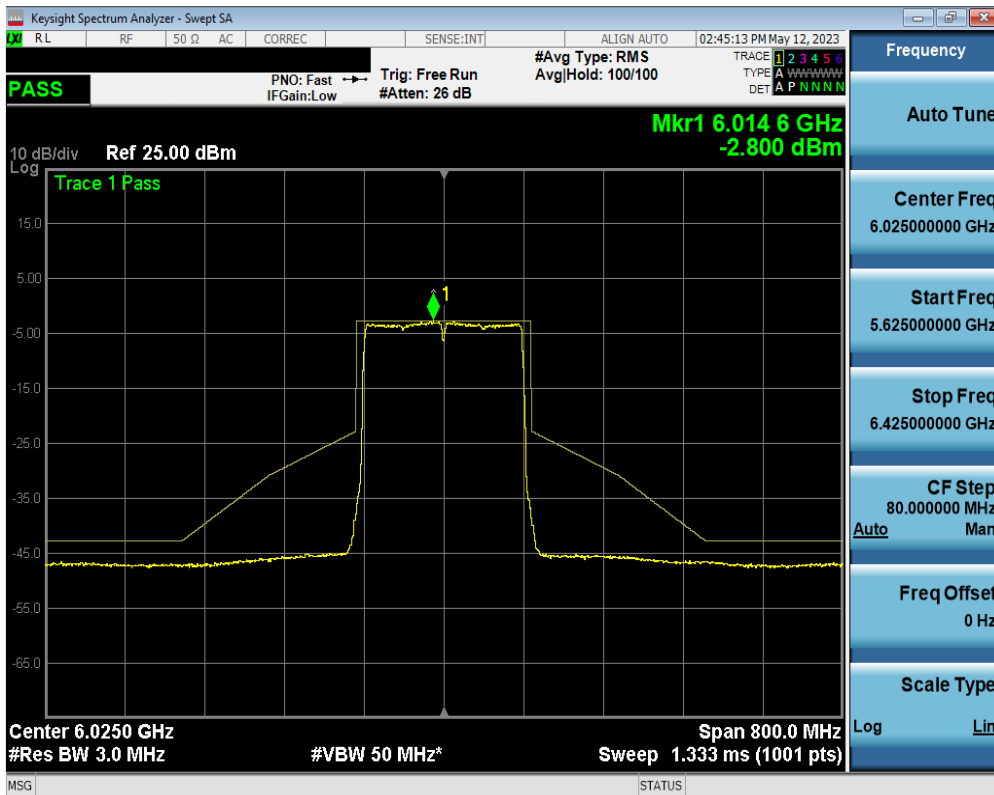


Plot 7-448. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 39)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 265 of 324

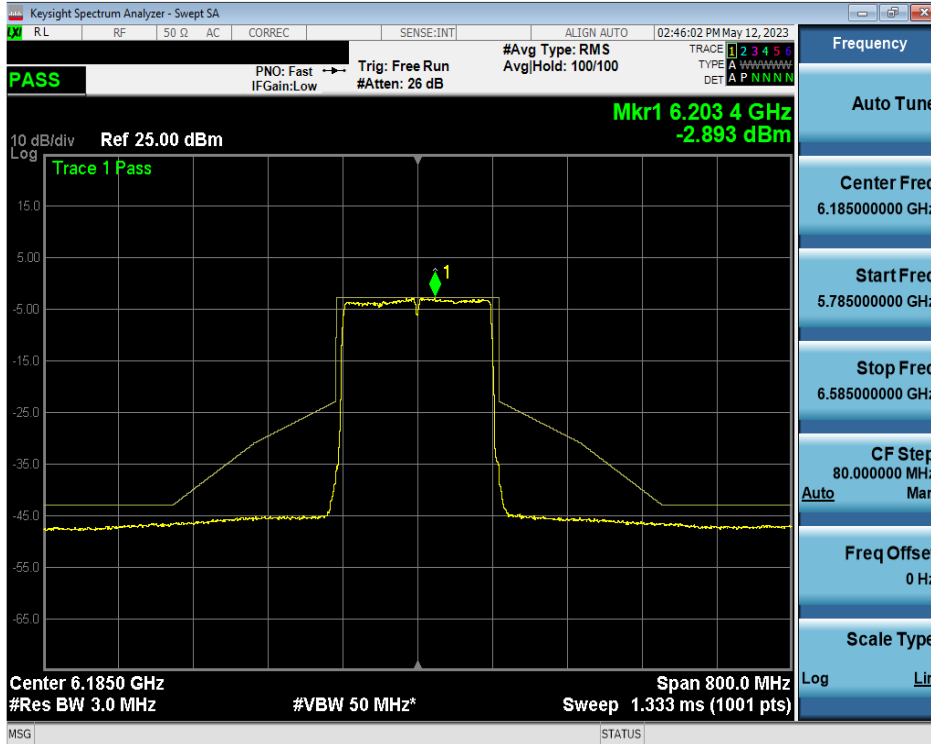


Plot 7-449. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 87)

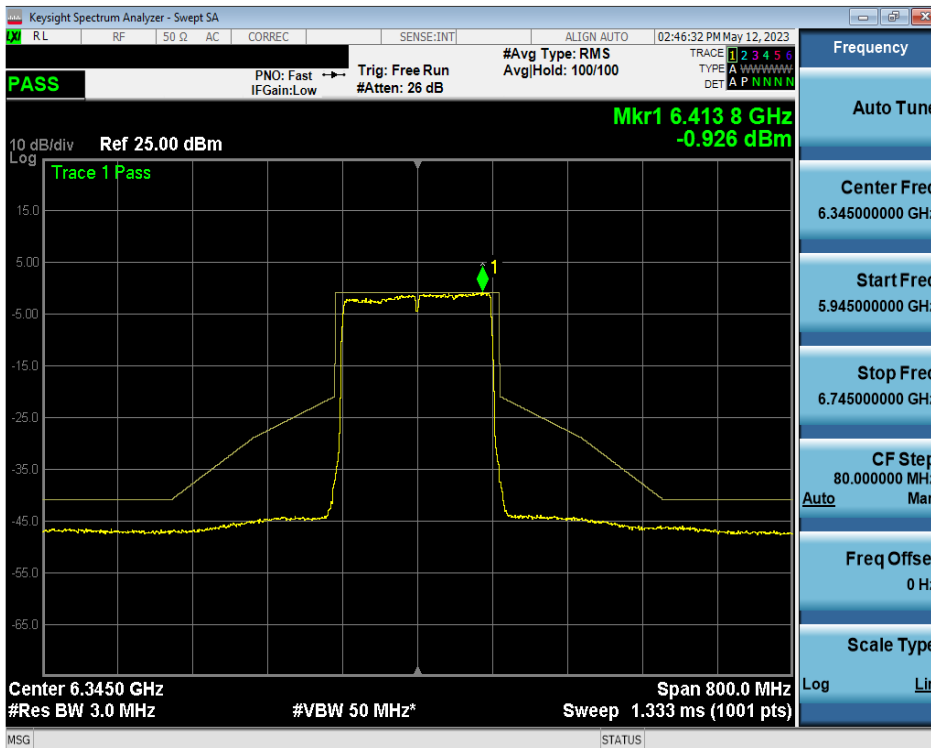


Plot 7-450. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 15)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 266 of 324



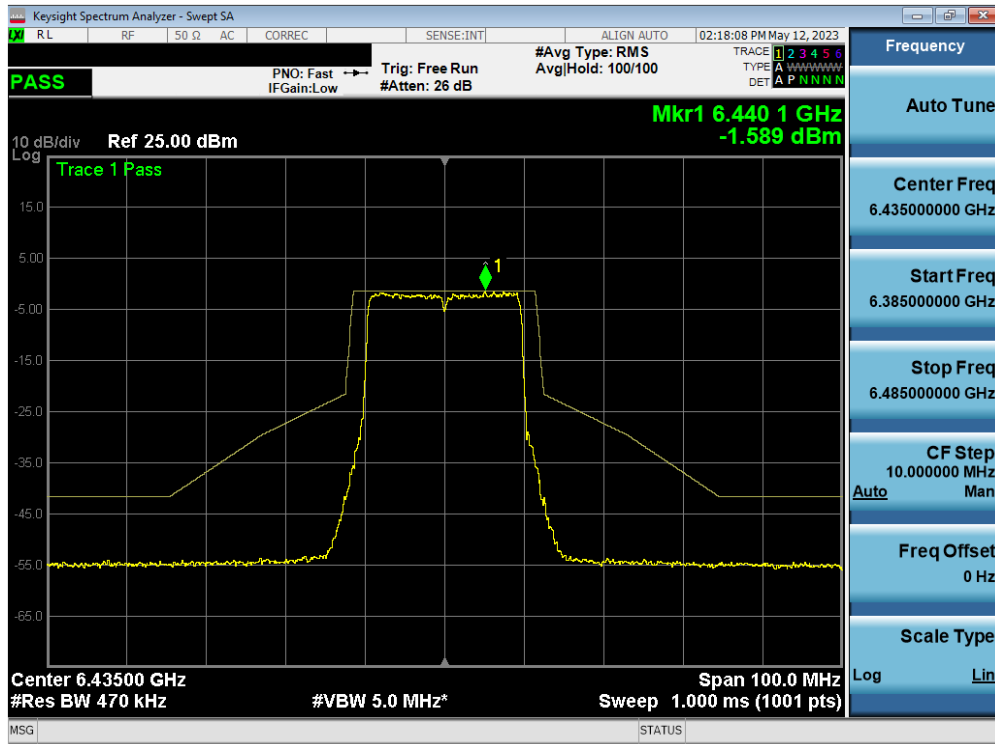
Plot 7-451. In-Band Emission Plot MIMO ANT2 160MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 47)



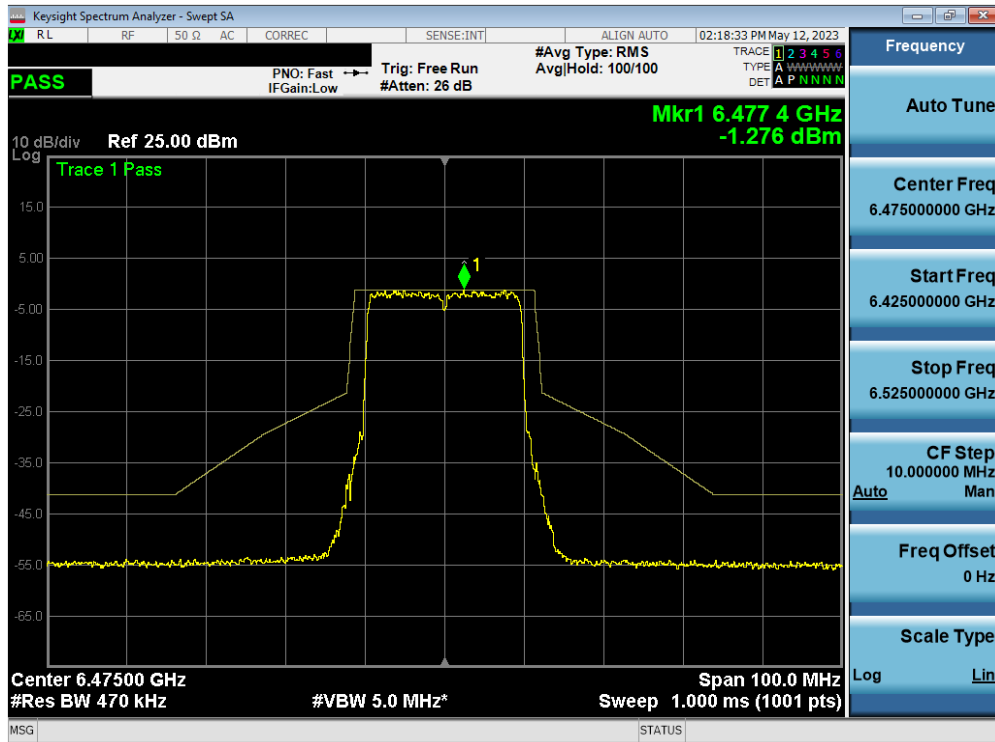
Plot 7-452. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 79)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 267 of 324

7.5.14 MIMO Antenna-2 In-Band Emission Measurements – (UNII Band 6 – Full)

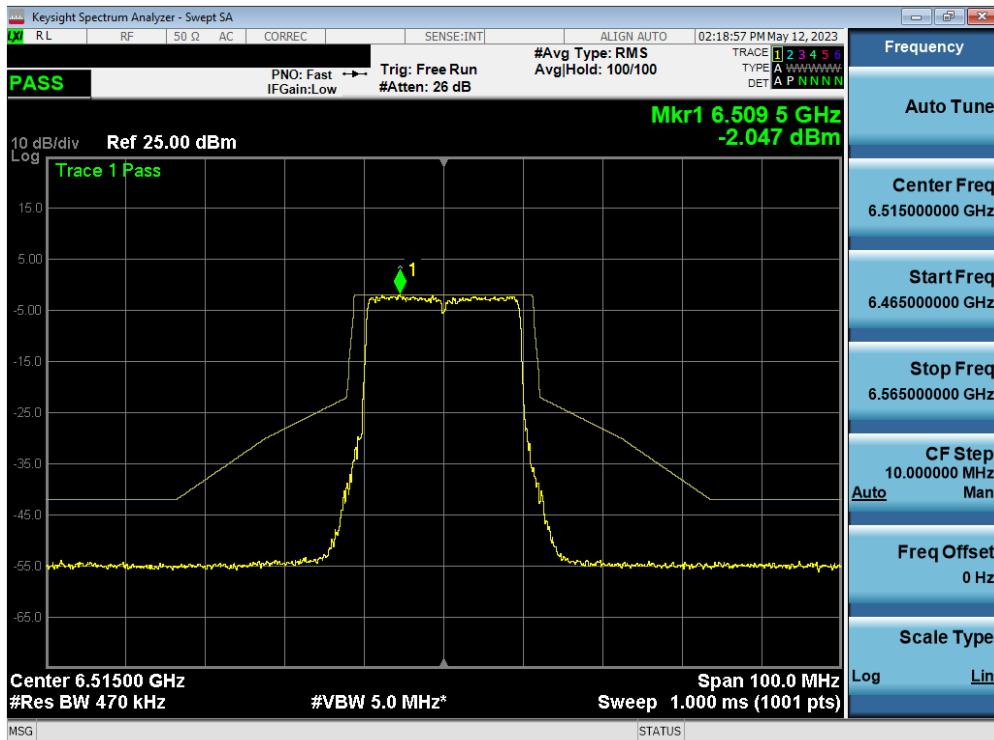


Plot 7-453. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax (Full Tone) (UNII Band 6) – Ch. 97)

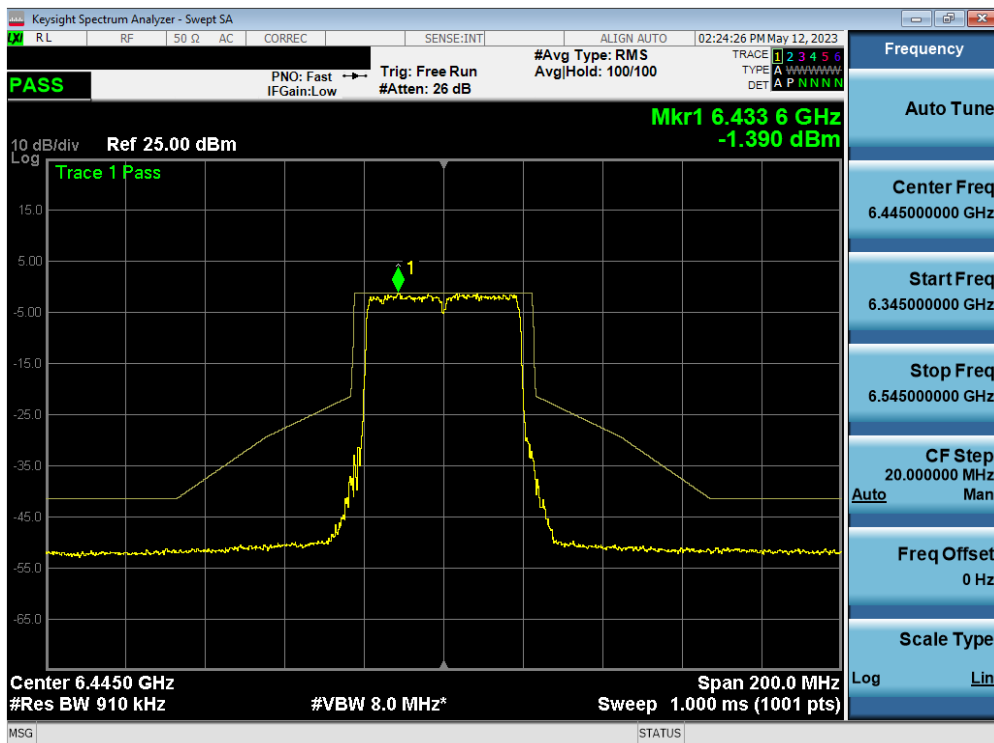


Plot 7-454. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax (Full Tone) (UNII Band 6) – Ch. 105)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 268 of 324

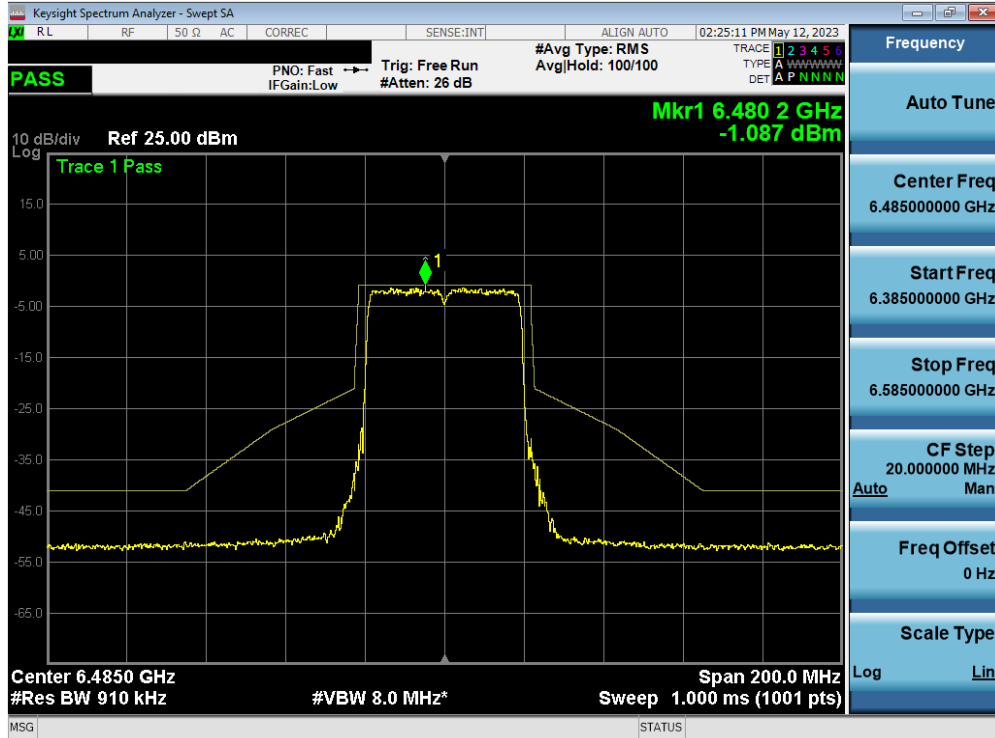


Plot 7-455. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax (Full Tone) (UNII Band 6) – Ch. 113)

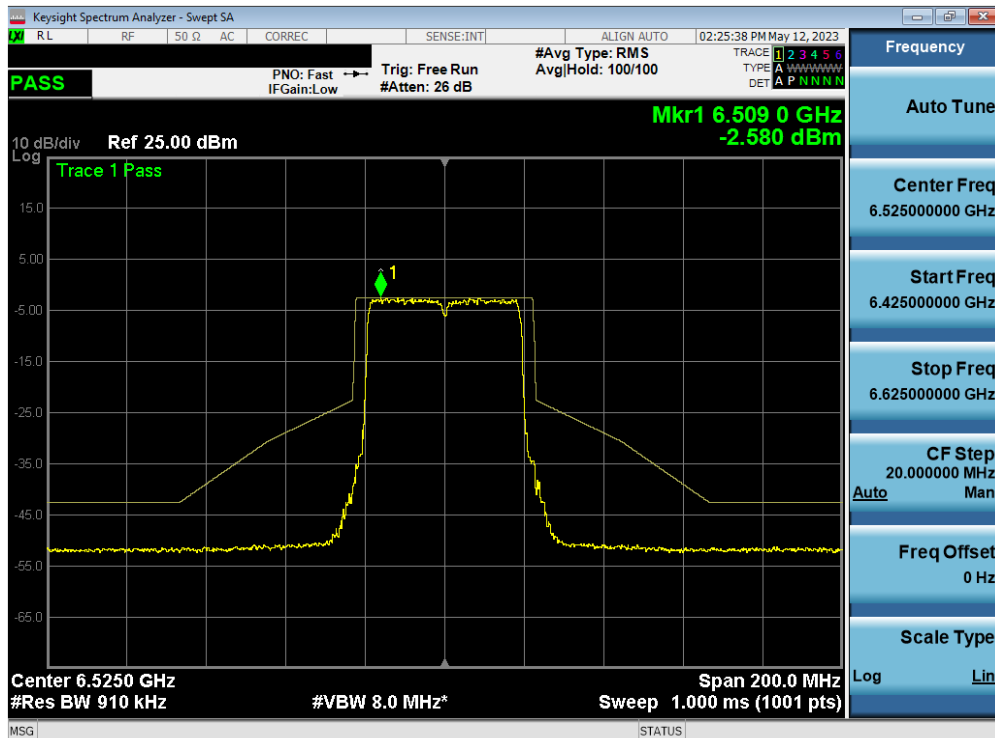


Plot 7-456. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 6) – Ch. 99)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 269 of 324

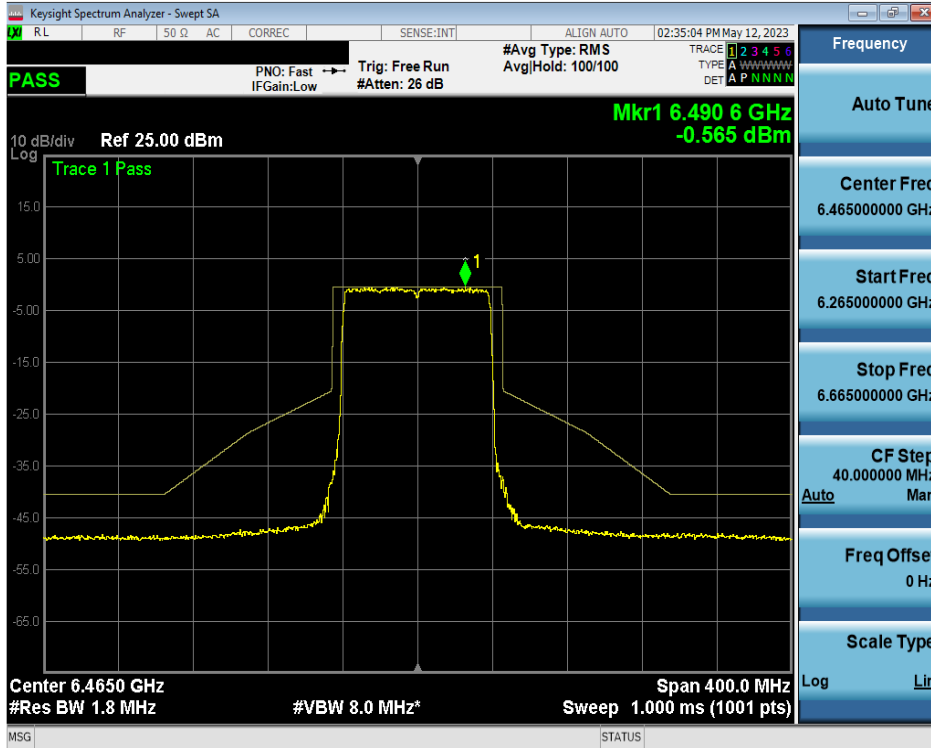


Plot 7-457. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 6) – Ch. 107)

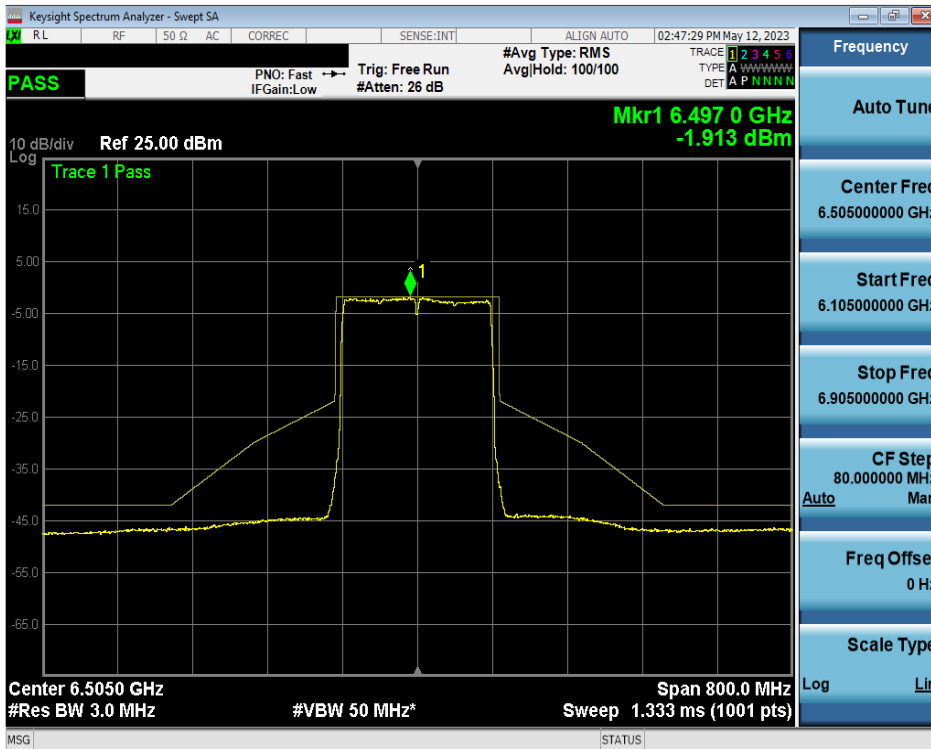


Plot 7-458. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 6) – Ch. 115)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 270 of 324



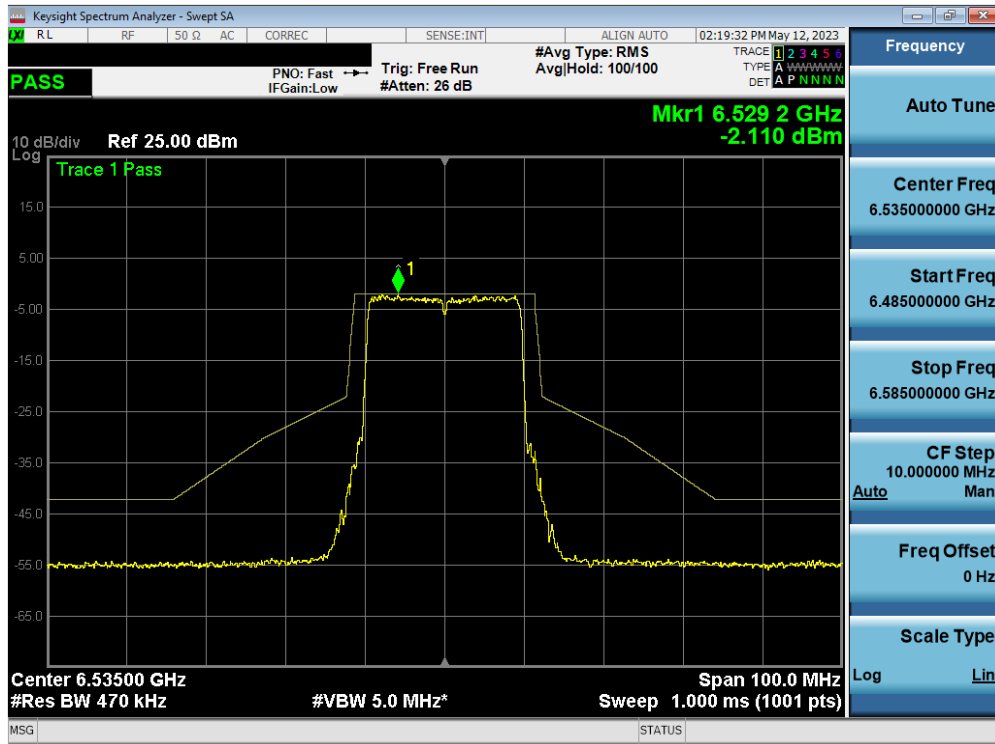
Plot 7-459. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax (Full Tone) (UNII Band 6) – Ch. 103)



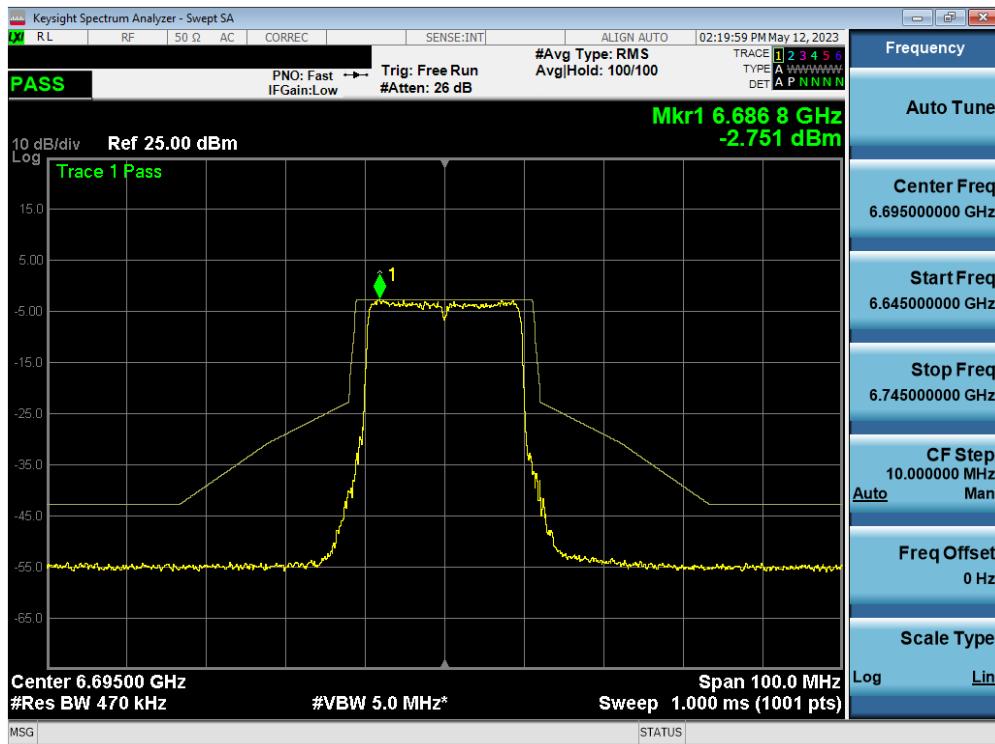
Plot 7-460. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax (Full Tone) (UNII Band 6) – Ch. 111)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 271 of 324

7.5.15 MIMO Antenna-2 In-Band Emission Measurements – (UNII Band 7 – Full)

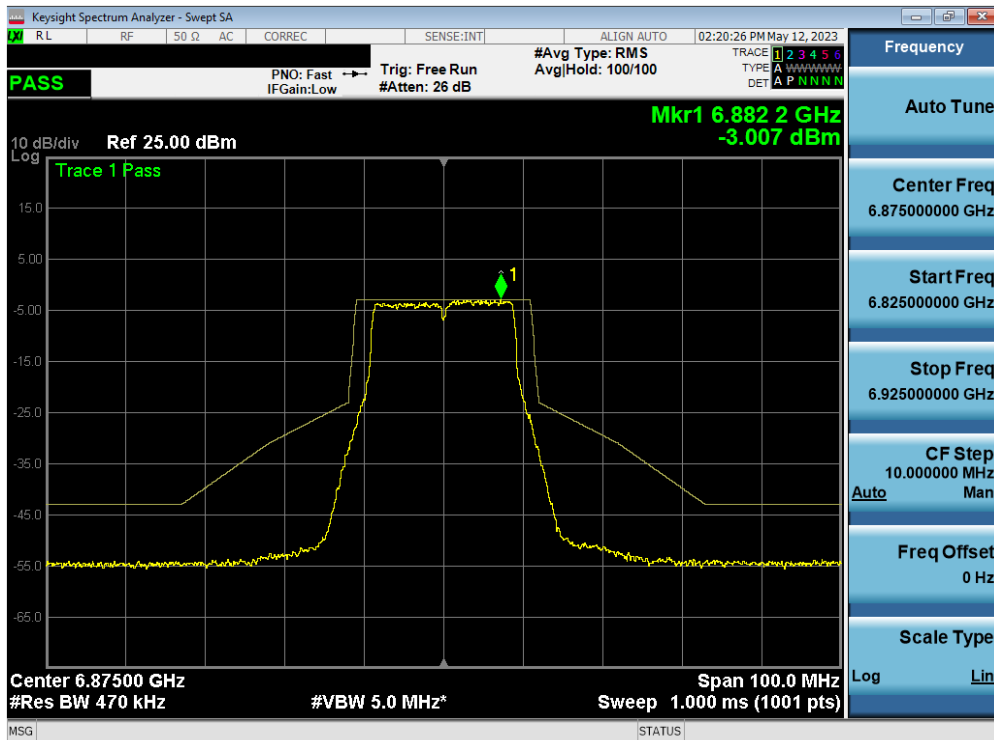


Plot 7-461. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax (Full Tone) (UNII Band 7) – Ch. 117)

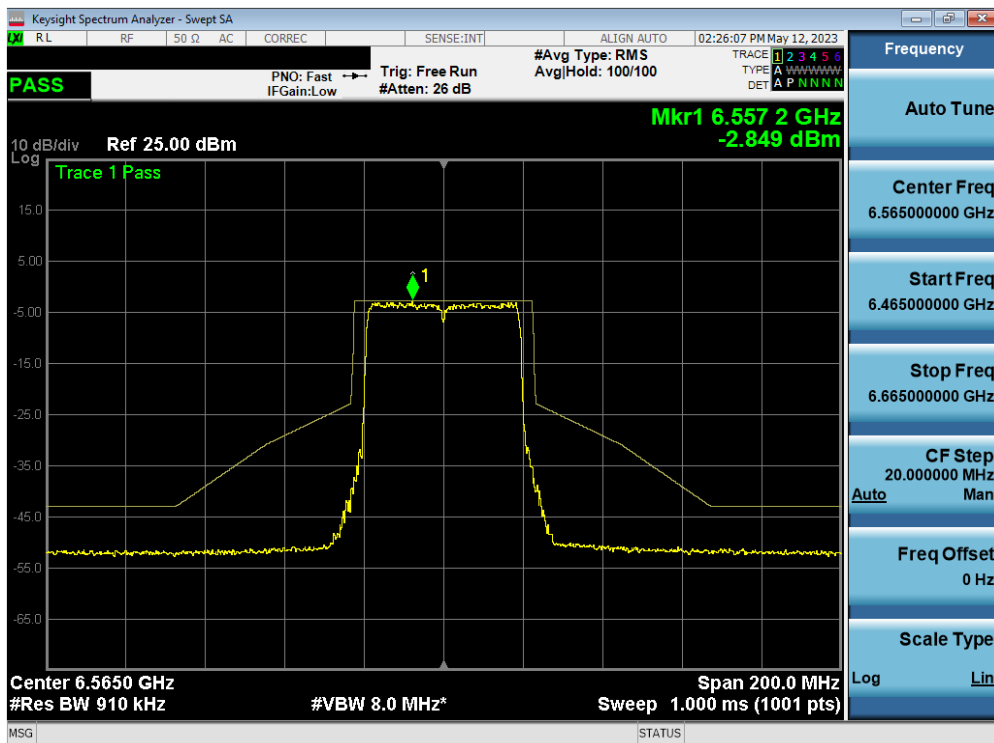


Plot 7-462. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax (Full Tone) (UNII Band 7) – Ch. 149)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 272 of 324

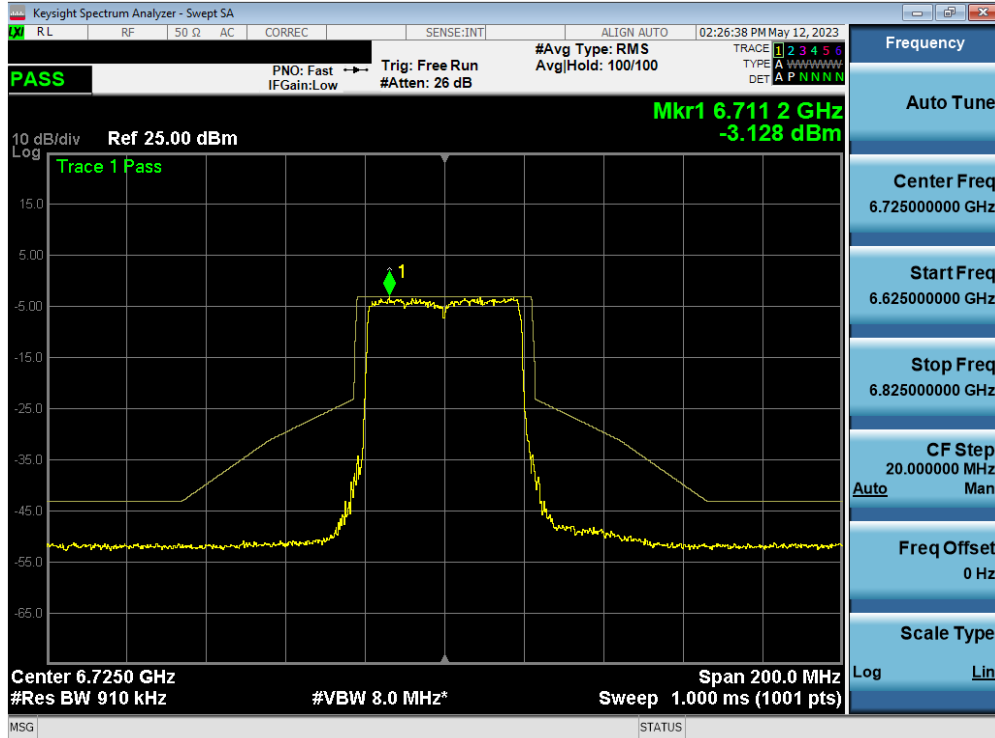


Plot 7-463. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax (Full Tone) (UNII Band 7) – Ch. 185)

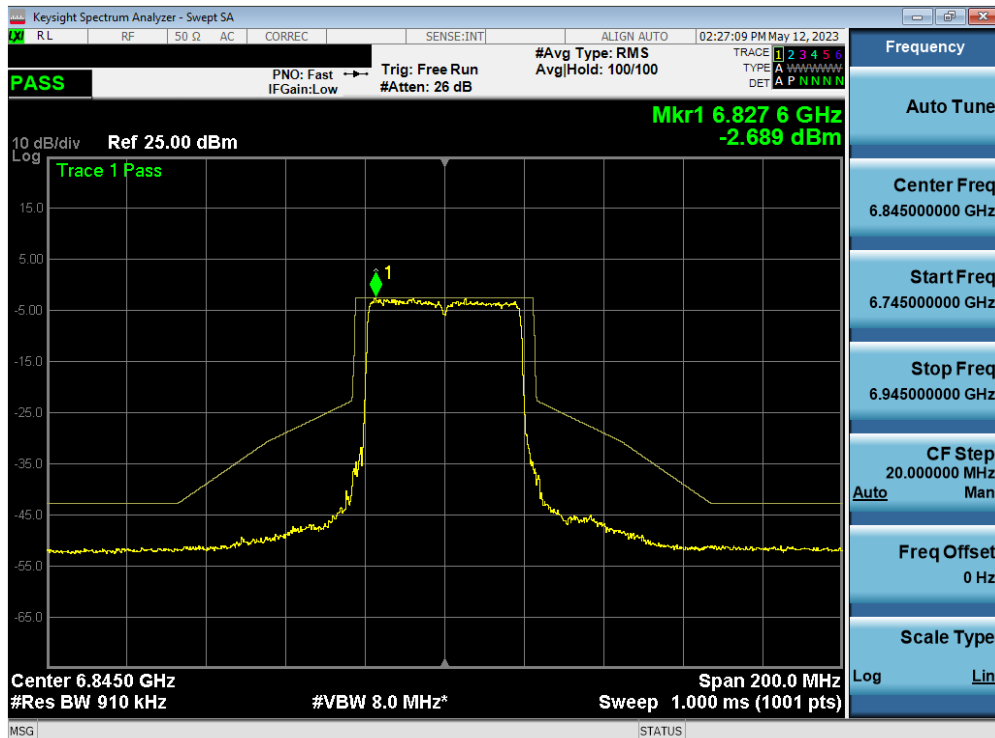


Plot 7-464. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 7) – Ch. 123)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 273 of 324

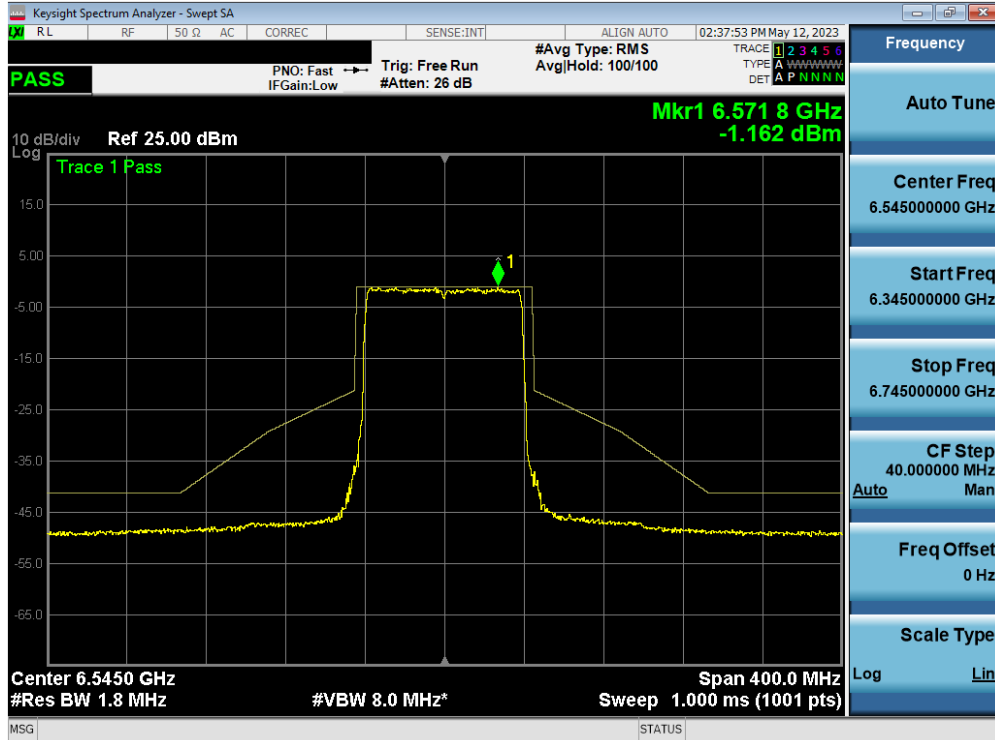


Plot 7-465. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 7) – Ch. 155)

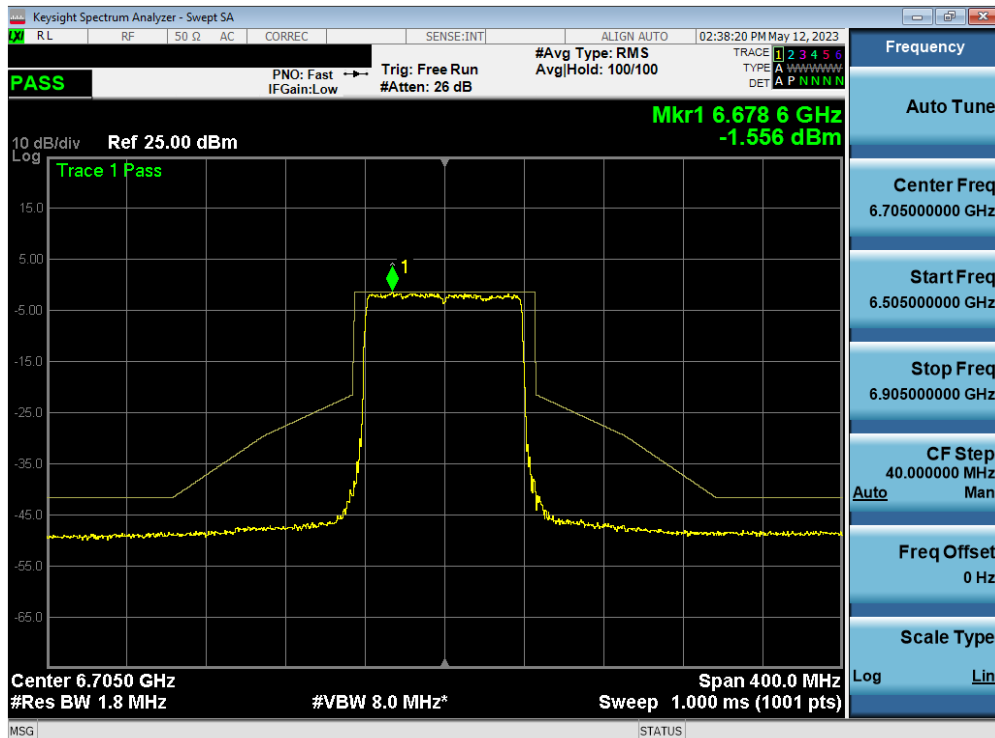


Plot 7-466. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 7) – Ch. 179)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 274 of 324

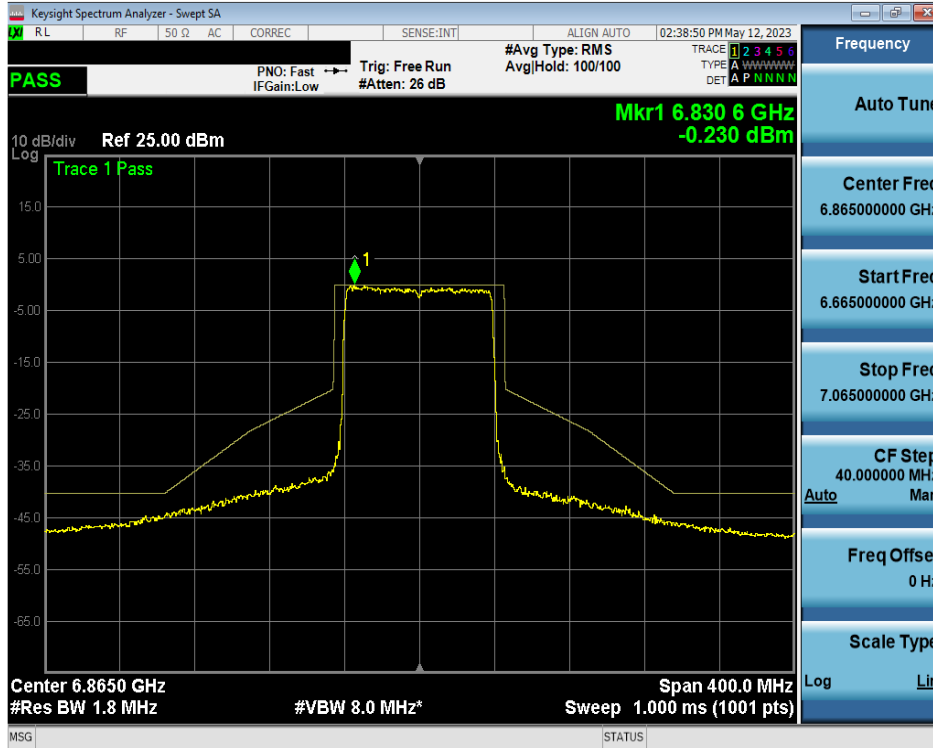


Plot 7-467. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax (Full Tone) (UNII Band 7) – Ch. 119)

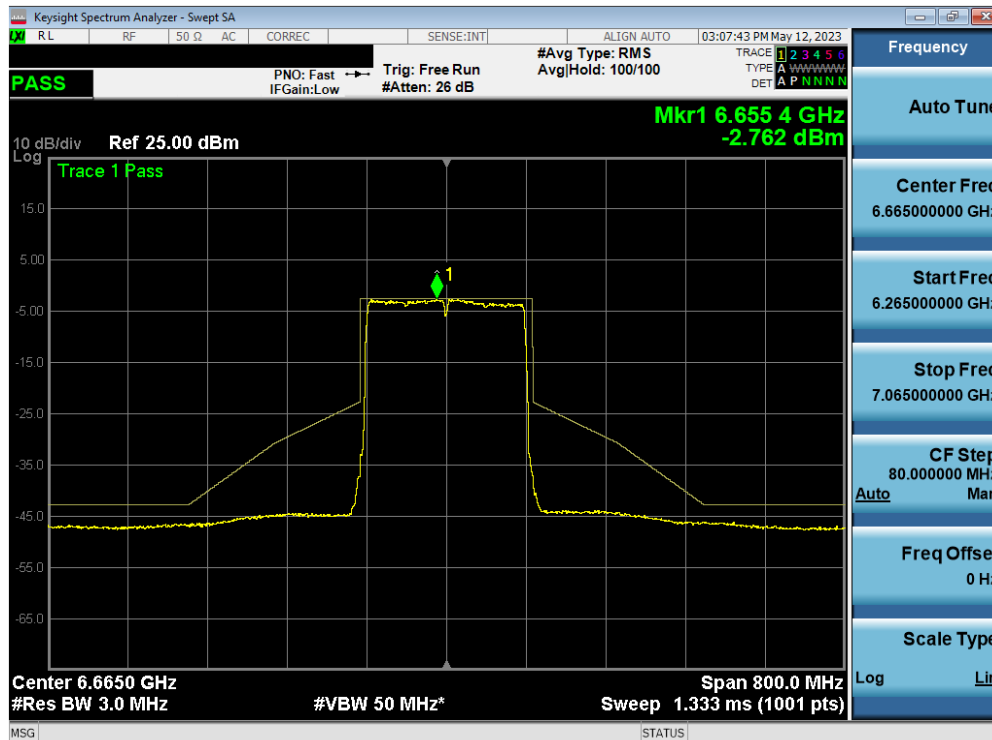


Plot 7-468. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax (Full Tone) (UNII Band 7) – Ch. 151)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 275 of 324

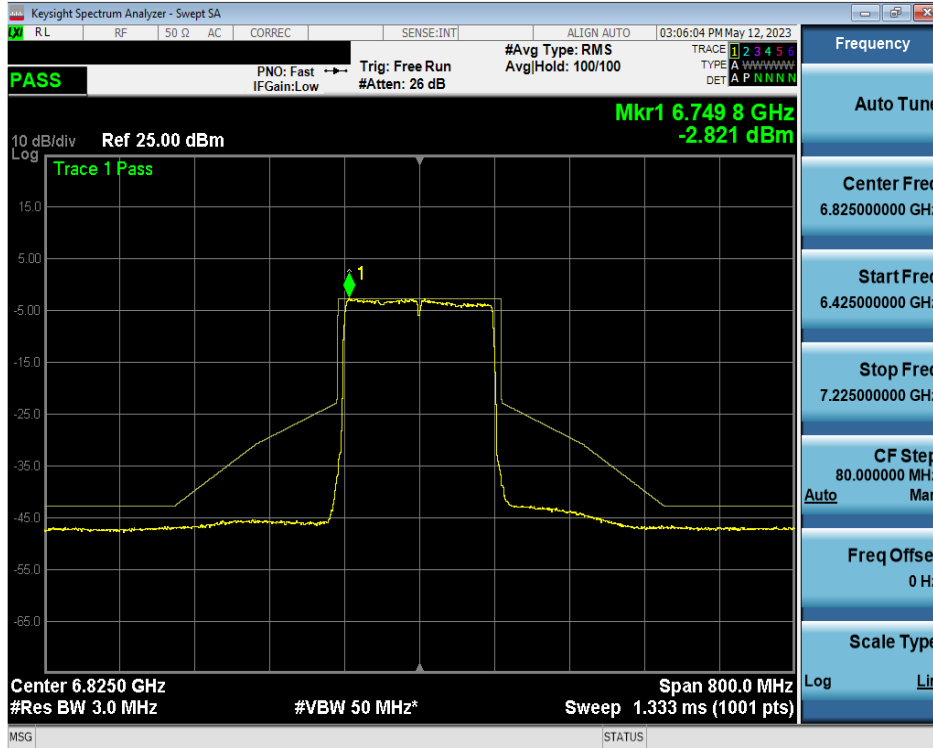


Plot 7-469. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax (Full Tone) (UNII Band 7) – Ch. 183)



Plot 7-470. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax (Full Tone) (UNII Band 7) – Ch. 143)

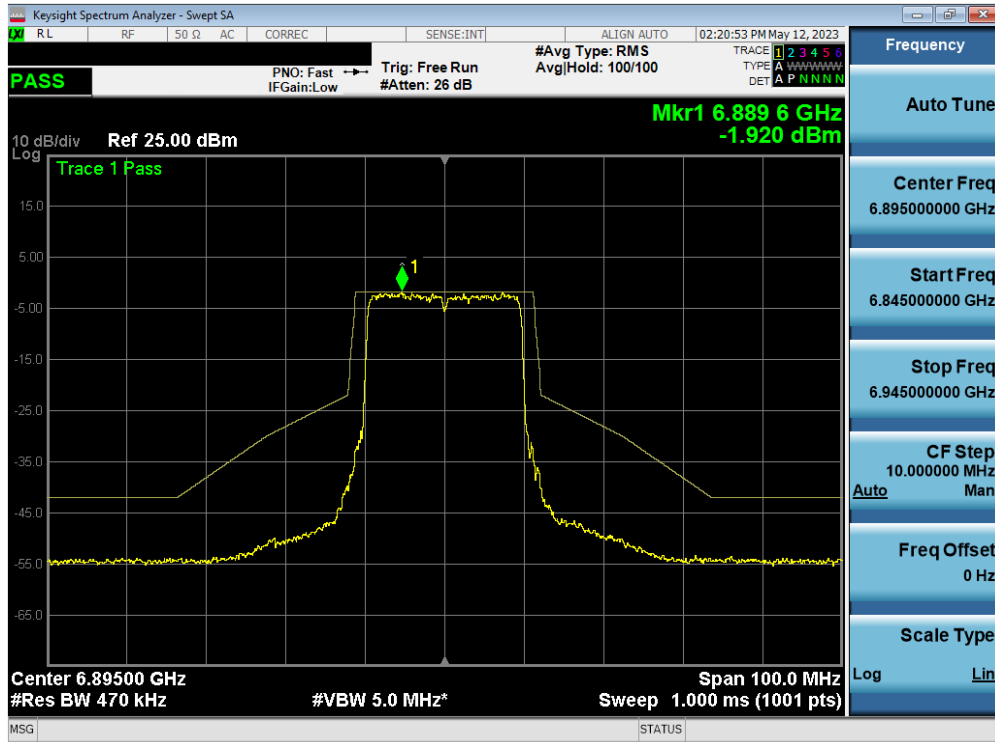
FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 276 of 324



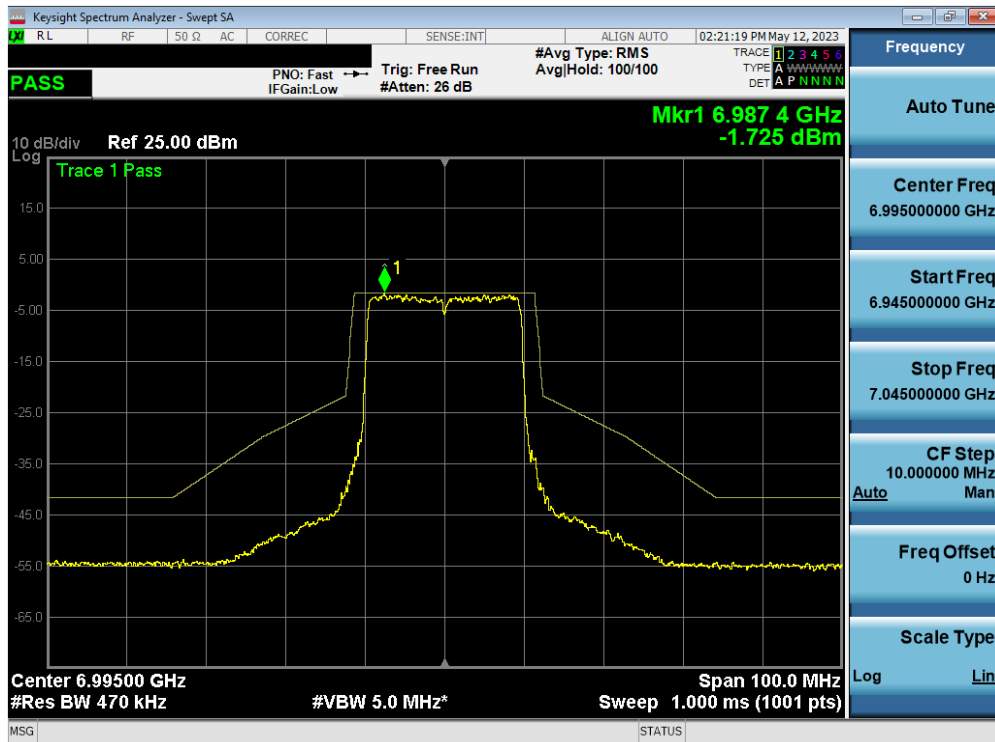
Plot 7-471. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax (Full Tone) (UNII Band 7) – Ch. 175)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 277 of 324

7.5.16 MIMO Antenna-2 In-Band Emission Measurements – (UNII Band 8 – Full)

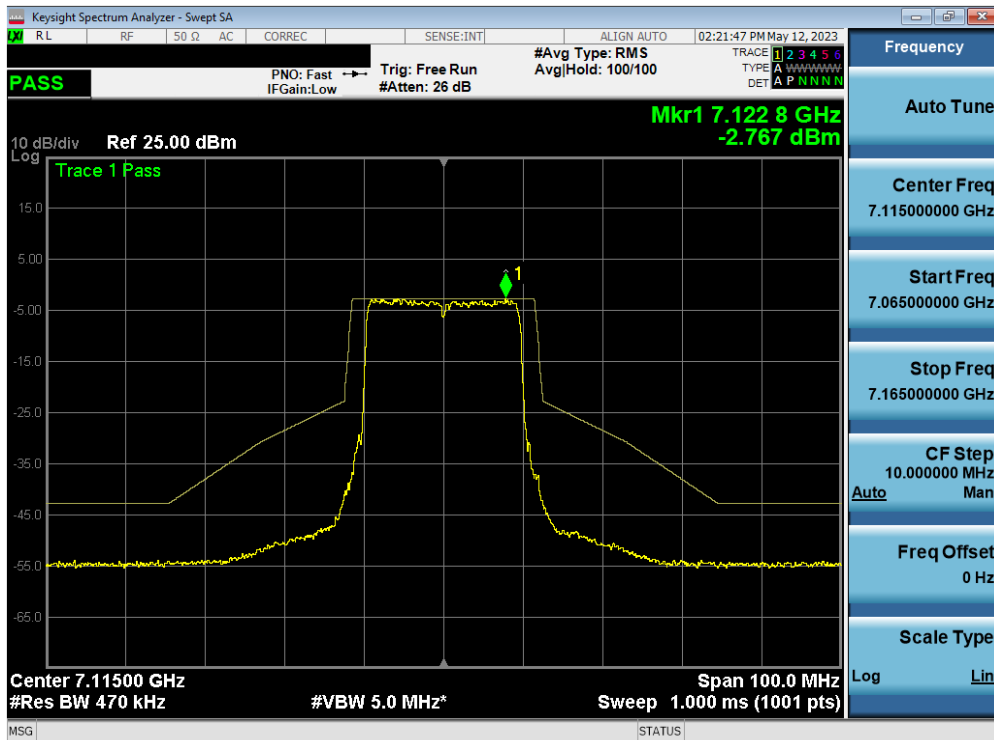


Plot 7-472. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax (Full Tone) (UNII Band 8) – Ch. 189)

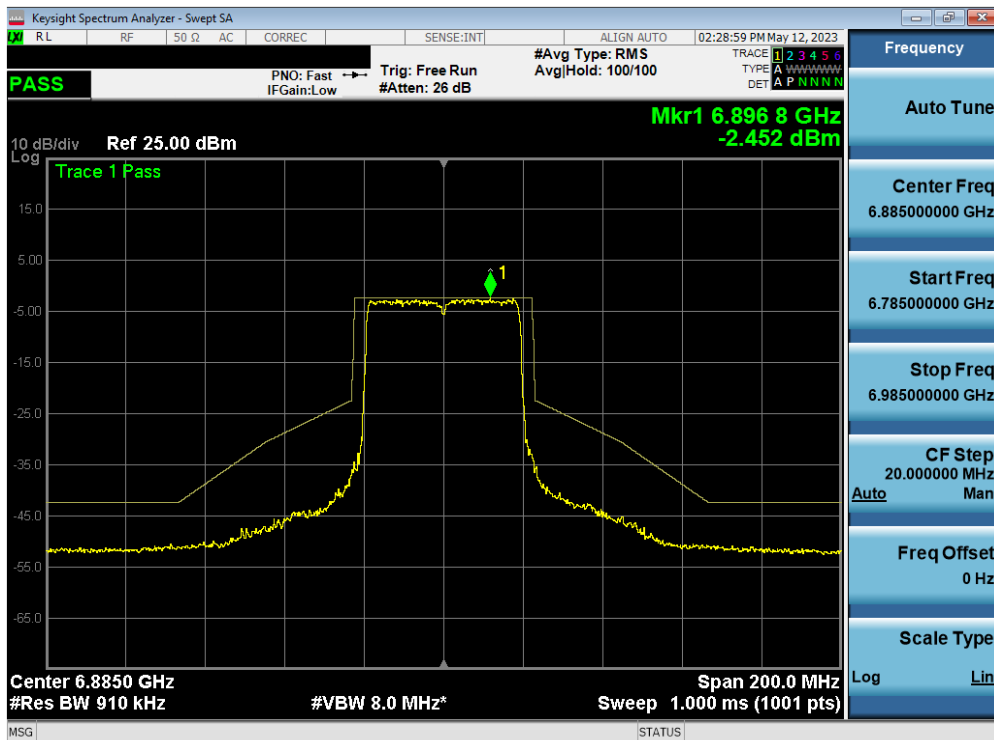


Plot 7-473. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax (Full Tone) (UNII Band 8) – Ch. 209)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 278 of 324

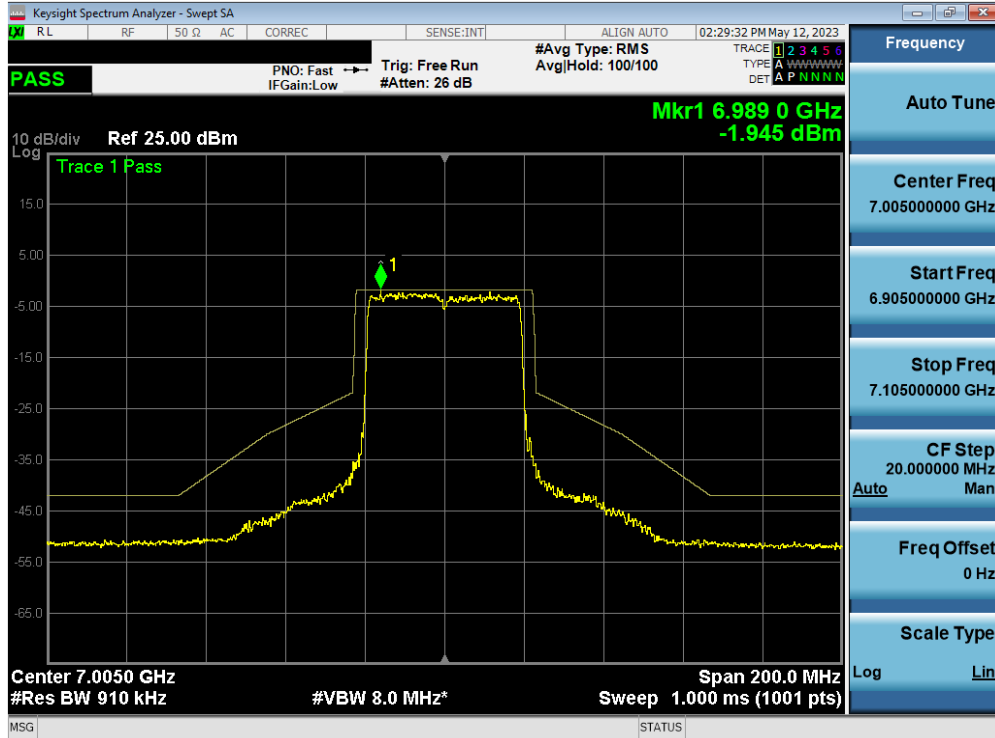


Plot 7-474. In-Band Emission Plot MIMO ANT2 (20MHz BW 802.11ax (Full Tone) (UNII Band 8) – Ch. 233)

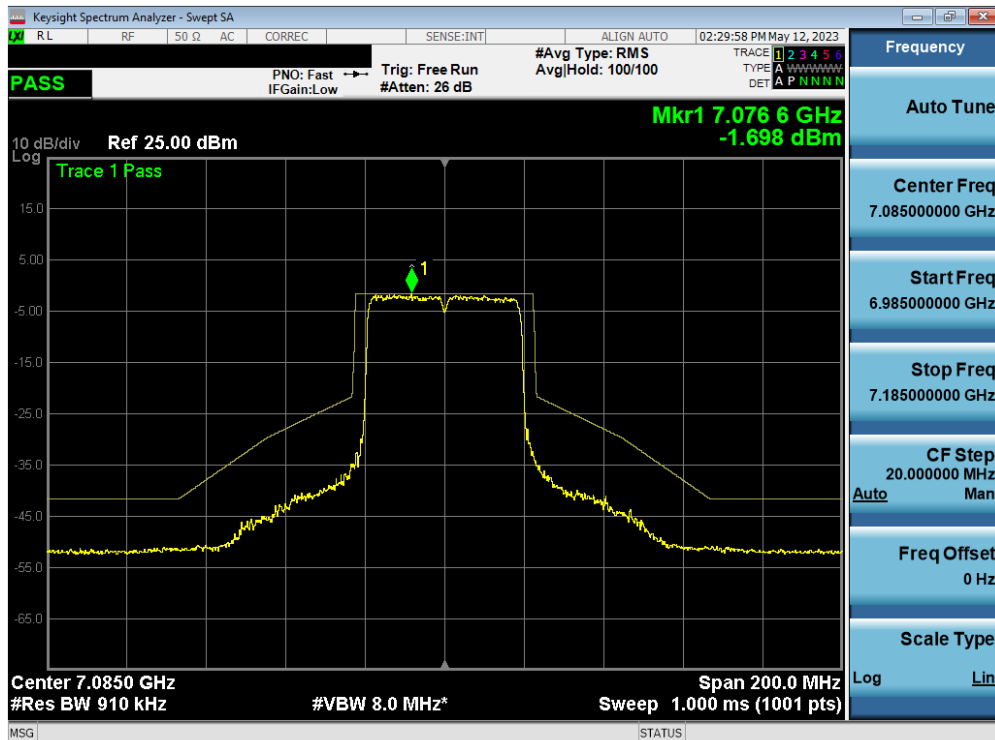


Plot 7-475. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 8) – Ch. 187)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 279 of 324

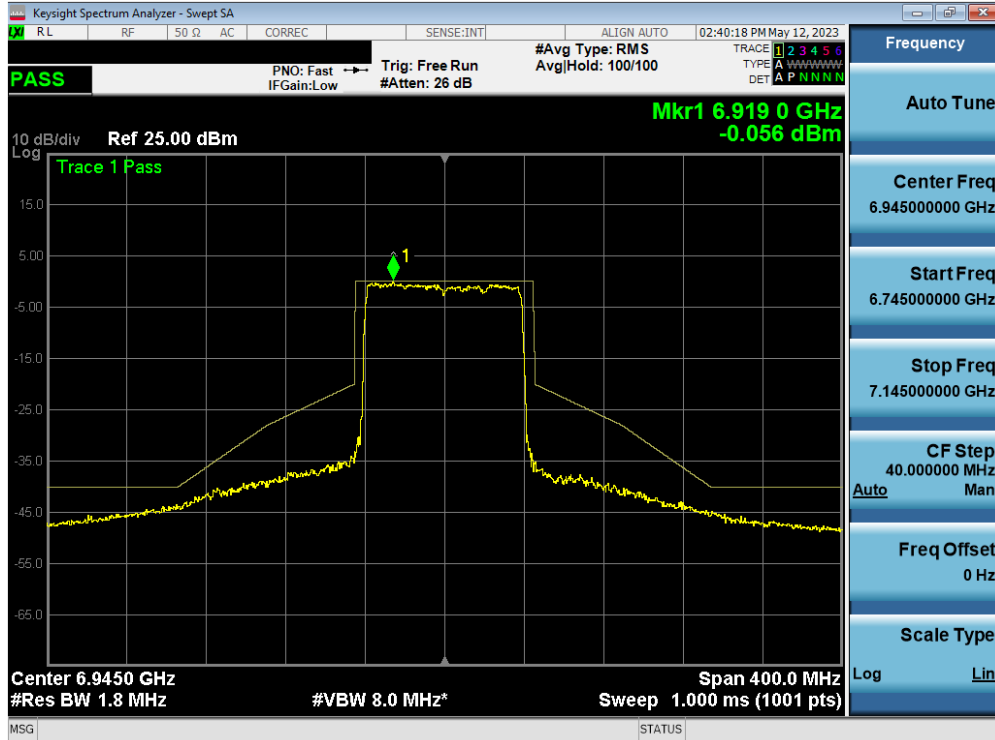


Plot 7-476. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 8) – Ch. 211)

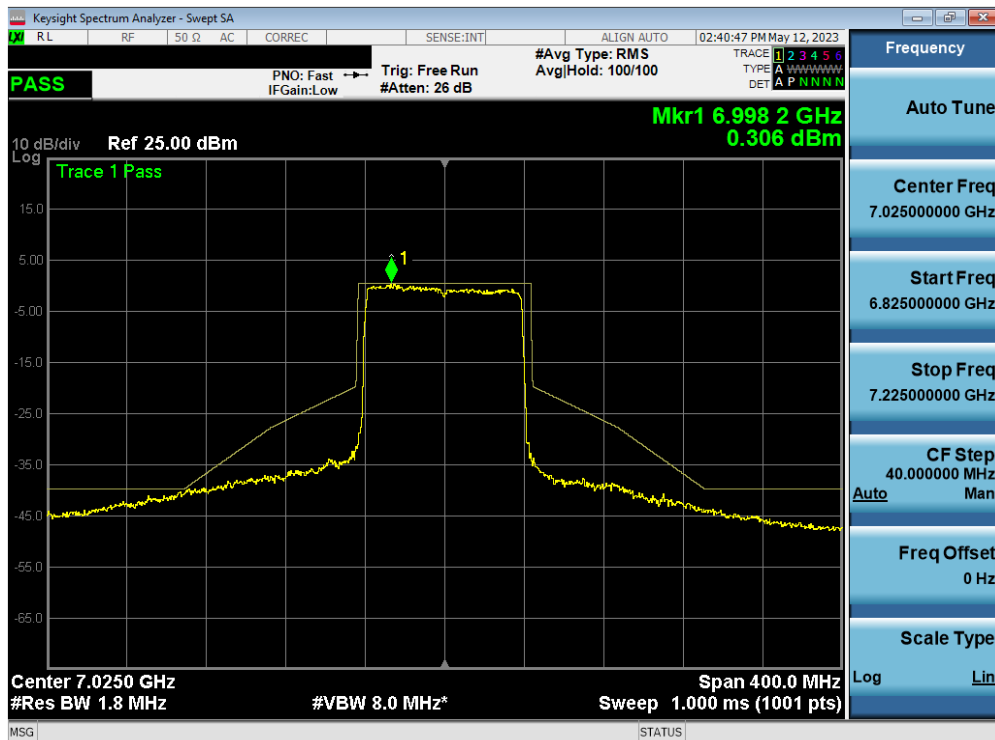


Plot 7-477. In-Band Emission Plot MIMO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 8) – Ch. 227)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 280 of 324



Plot 7-478. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax (Full Tone) (UNII Band 8) – Ch. 199)



Plot 7-479. In-Band Emission Plot MIMO ANT2 (80MHz BW 802.11ax (Full Tone) (UNII Band 8) – Ch. 215)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 281 of 324



Plot 7-480. In-Band Emission Plot MIMO ANT2 (160MHz BW 802.11ax (Full Tone) (UNII Band 8) – Ch. 207)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
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7.6 Contention Based Protocol

Test Overview and Limit

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.

Unlicensed indoor low-power devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel and stay off the channel if detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain.

To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel.

Test Procedure Used

KDB 987594 D02 v01r01

Test Settings

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation, and bandwidth.
3. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
4. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.
5. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
6. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT as shown in Figure 2.
7. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.
8. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
9. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
10. Refer to Table 1 of KDB 987594 D02 v01r01 to determine the number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal, and repeat the process.

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Test Setup

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

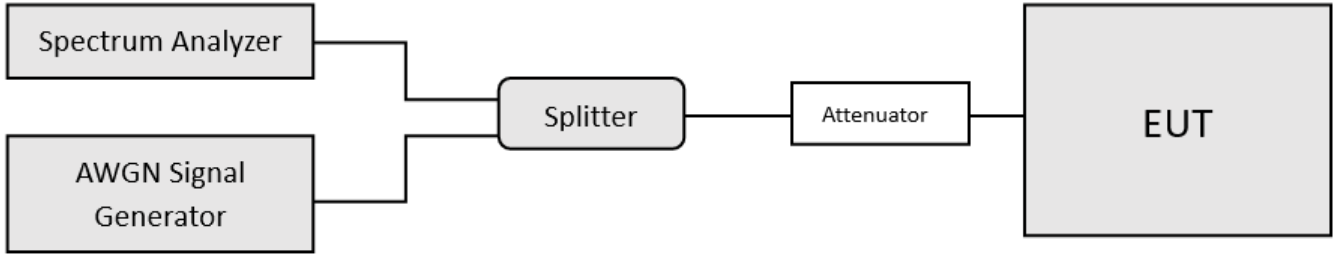


Figure 7-5. Contention-based protocol test setup, conducted method

Test Notes

1. Per guidance from KDB 987594 D02 v01r01, contention based protocol was tested using an AWGN signal with a bandwidth of 10MHz. The amplitude of the signal was increased until detected by the EUT, signaled by the ceasing of transmission, M1 indicates the point at which the AWGN signal is introduced. D1 indicates where the AWGN signal is terminated, at least 10 seconds following M1.
2. 15 trials were run in order to ensure certainty of 90%
3. Per Guidance from KDB 987594 D04 v01, contention based protocol was tested with receiver with the lowest antenna gain.
4. All CBP Timing Plots shown are for the ceased condition. Some spikes that may be shown are from adjacent portions of the spectrum that are still transmitting.
5. Only one AWGN plot is shown in this section as a representative plot for the AWGN signal used to execute the Contention Based Protocol testing per KDB 987594 D02.

$$\text{Detection Level} = \text{Injected AWGN Power (dBm)} - \text{Antenna Gain (dBi)} + \text{Path Loss (dB)}$$

Equation 7-1. Detection Level Calculation

Band	Channel	Channel Freq [MHz]	Channel BW [MHz]	Incumbent Freq [MHz]	Injected (AWGN) [dBm]	Antenna Gain [dBi]	Adjusted Power Level [dBm]	Detection Limit [dBm]	Margin [dB]
UNII Band 5	53	6215	20	6215	-75.30	-8.27	-67.03	-62.0	-5.03
				6110	-84.95	-8.27	-76.68	-62.0	-14.68
	47	6185	160	6185	-74.94	-8.27	-66.67	-62.0	-4.67
				6260	-79.63	-8.27	-71.36	-62.0	-9.36
UNII Band 6	101	6455	20	6455	-77.87	-11.80	-66.07	-62.0	-4.07
				6430	-83.54	-11.80	-71.74	-62.0	-9.74
	111	6505	160	6505	-73.99	-11.80	-62.19	-62.0	-0.19
				6580	-83.07	-11.80	-71.27	-62.0	-9.27
UNII Band 7	149	6695	20	6695	-79.79	-12.75	-67.04	-62.0	-5.04
				6750	-85.46	-12.75	-72.71	-62.0	-10.71
	175	6825	160	6825	-75.81	-12.75	-63.06	-62.0	-1.06
				6900	-85.13	-12.75	-72.38	-62.0	-10.38
UNII Band 8	197	6935	20	6935	-79.65	-12.29	-67.36	-62.0	-5.36
				6910	-82.53	-12.29	-70.24	-62.0	-8.24
	207	6985	160	6985	-75.94	-12.29	-63.65	-62.0	-1.65
				7060	-82.23	-12.29	-69.94	-62.0	-7.94

Table 7-11. Contention Based Protocol – Incumbent Detection Results

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
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Band	Channel	Channel Freq [MHz]	Channel BW [MHz]	Incumbent Freq [MHz]	Antenna Gain [dBi]	EUT Transmission Status			Detection Limit [dBm]	Margin [dB]
						Adjusted AWGN Power (dBm)				
						Normal	Minimal	Ceased		
UNII Band 5	53	6215	20	6215	-8.27	-71.53	-68.33	-67.03	-62.0	-5.03
	47	6185	160	6110	-8.27	-81.18	-77.98	-76.68	-62.0	-14.68
				6185	-8.27	-71.17	-67.97	-66.67	-62.0	-4.67
				6260	-8.27	-75.86	-72.66	-71.36	-62.0	-9.36
UNII Band 6	101	6455	20	6455	-11.80	-70.57	-67.37	-66.07	-62.0	-4.07
	111	6505	160	6430	-11.80	-76.24	-73.04	-71.74	-62.0	-9.74
				6505	-11.80	-66.69	-63.49	-62.19	-62.0	-0.19
				6580	-11.80	-75.77	-72.57	-71.27	-62.0	-9.27
UNII Band 7	149	6695	20	6695	-12.75	-71.54	-68.34	-67.04	-62.0	-5.04
	175	6825	160	6750	-12.75	-77.21	-74.01	-72.71	-62.0	-10.71
				6825	-12.75	-67.56	-64.36	-63.06	-62.0	-1.06
				6900	-12.75	-76.88	-73.68	-72.38	-62.0	-10.38
UNII Band 8	197	6935	20	6935	-12.29	-71.86	-68.66	-67.36	-62.0	-5.36
	207	6985	160	6910	-12.29	-74.74	-71.54	-70.24	-62.0	-8.24
				6985	-12.29	-68.15	-64.95	-63.65	-62.0	-1.65
				7060	-12.29	-74.44	-71.24	-69.94	-62.0	-7.94

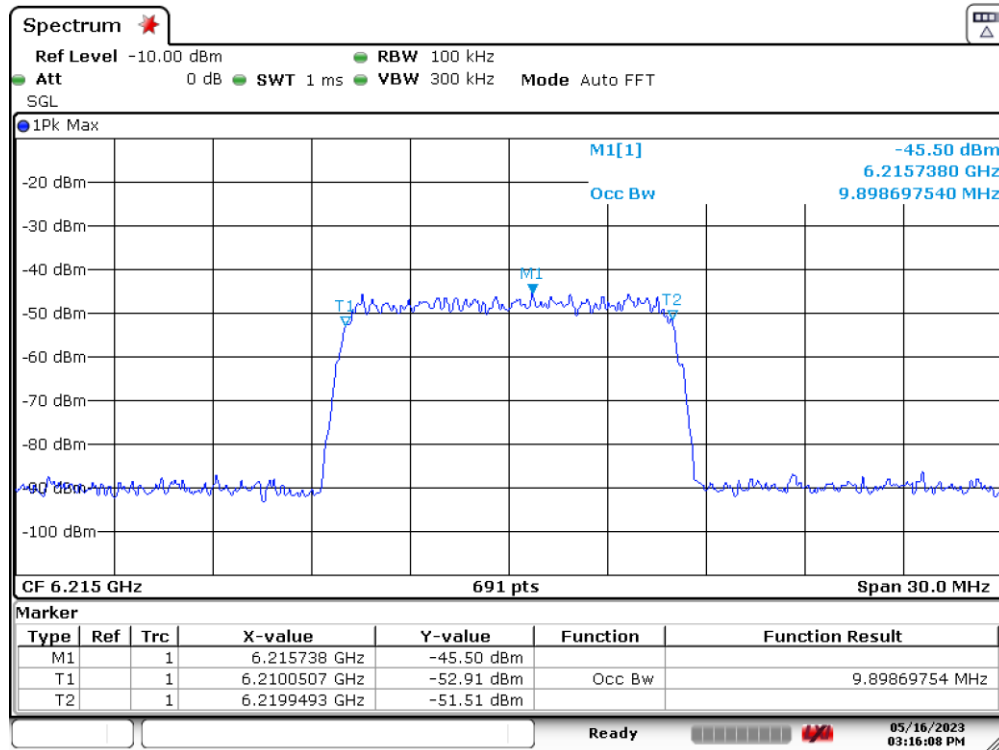
Table 7-12. Contention Based Protocol – Detection Results – All Tx Cases

Band	Channel	Channel Freq [MHz]	Channel BW [MHz]	Incumbent Freq [MHz]	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Detection Rate (%)			
UNII Band 5	53	6215	20	6215	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100		
				6110	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
	47	6185	160	6185	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100	
				6260	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
UNII Band 6	101	6455	20	6455	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100	
				6430	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
	111	6505	160	6505	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100	
				6580	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
UNII Band 7	149	6695	20	6695	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100	
				6750	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
	175	6825	160	6825	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100	
				6900	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
UNII Band 8	197	6935	20	6935	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100	
				6910	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
	207	6985	160	6985	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
				7060	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Table 7-13. Contention Based Protocol – Incumbent Detection Trial Results

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
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7.6.1 AWGN Plots

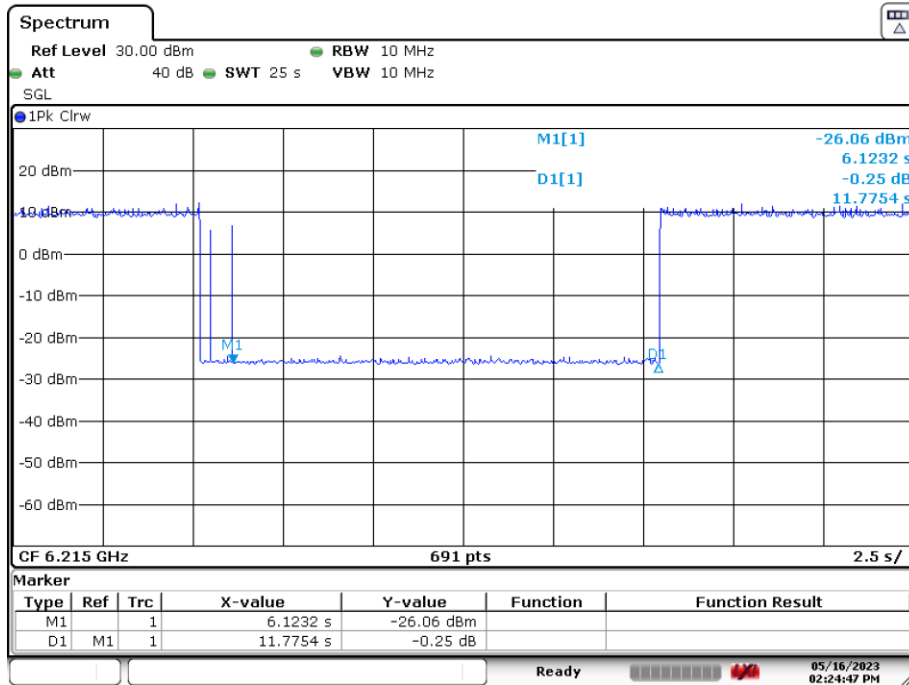


Date: 16.MAY.2023 15:16:08

Plot 7-481. AWGN Signal (20MHz (UNII Band 5) – Mid)

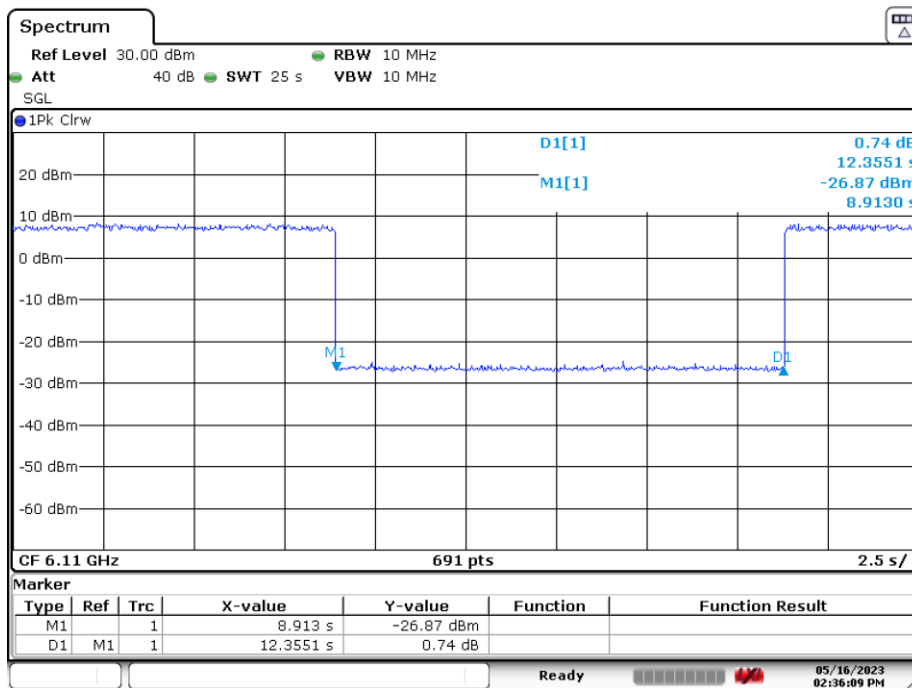
FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 286 of 324

7.6.2 CBP Timing Plots



Date: 16.MAY.2023 14:24:47

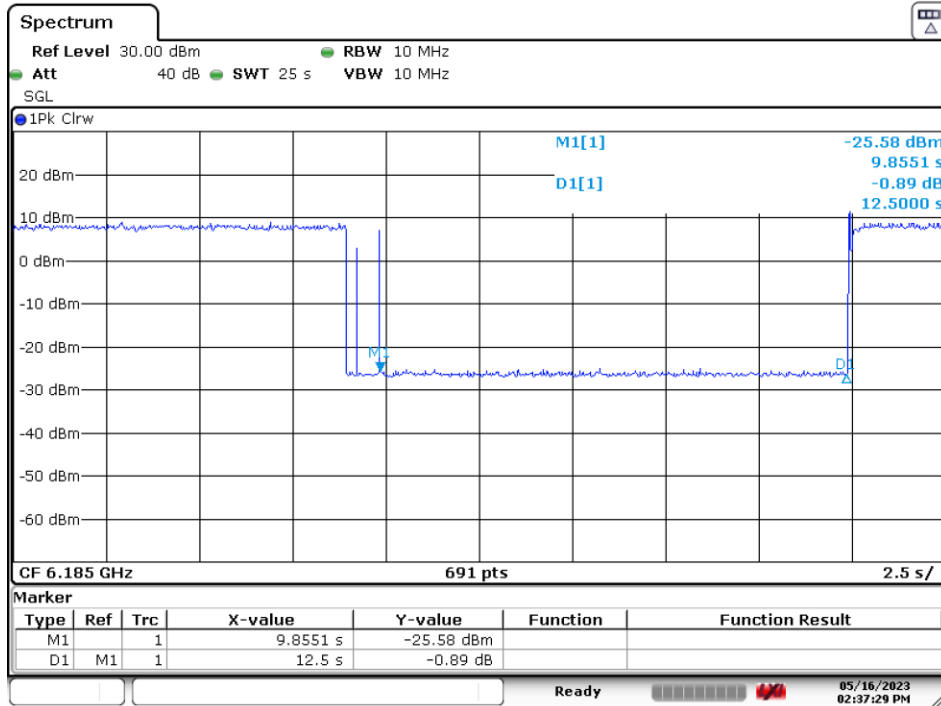
Plot 7-482. Contention Based Protocol Timing Plot (20MHz (UNII Band 5) – Ch. 53)



Date: 16.MAY.2023 14:36:09

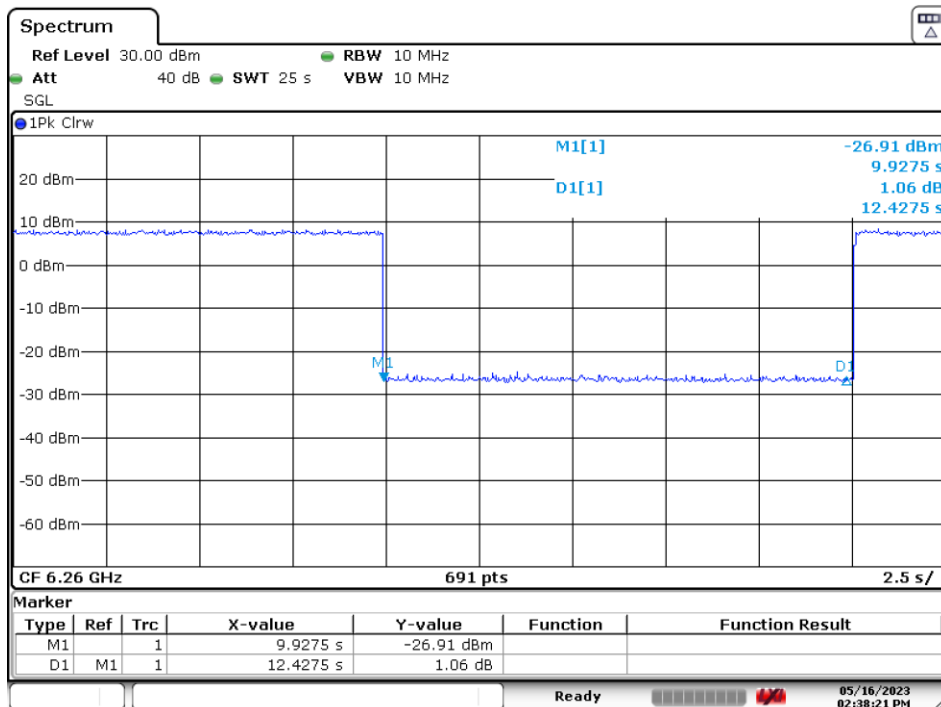
Plot 7-483. Contention Based Protocol Timing Plot (160MHz (UNII Band 5) – Ch. 47 Low)

FCC ID: A3LSMX910 IC: 649E-SMX910		MEASUREMENT REPORT		Approved by: Technical Manager
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Date: 16.MAY.2023 14:37:29

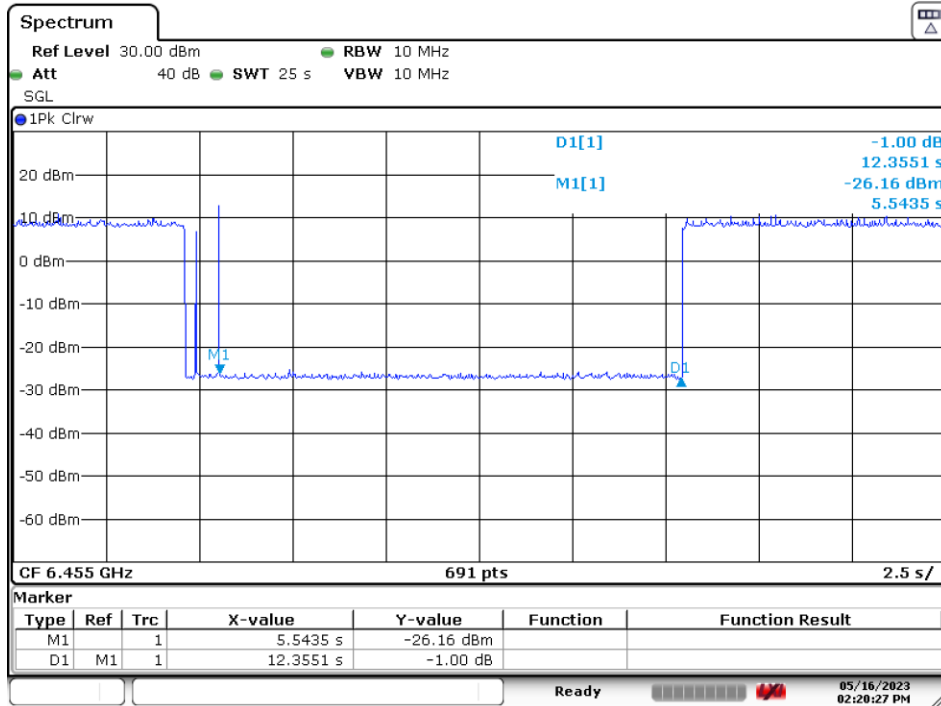
Plot 7-484. Contention Based Protocol Timing Plot (160MHz (UNII Band 5) – Ch. 47 Mid)



Date: 16.MAY.2023 14:38:21

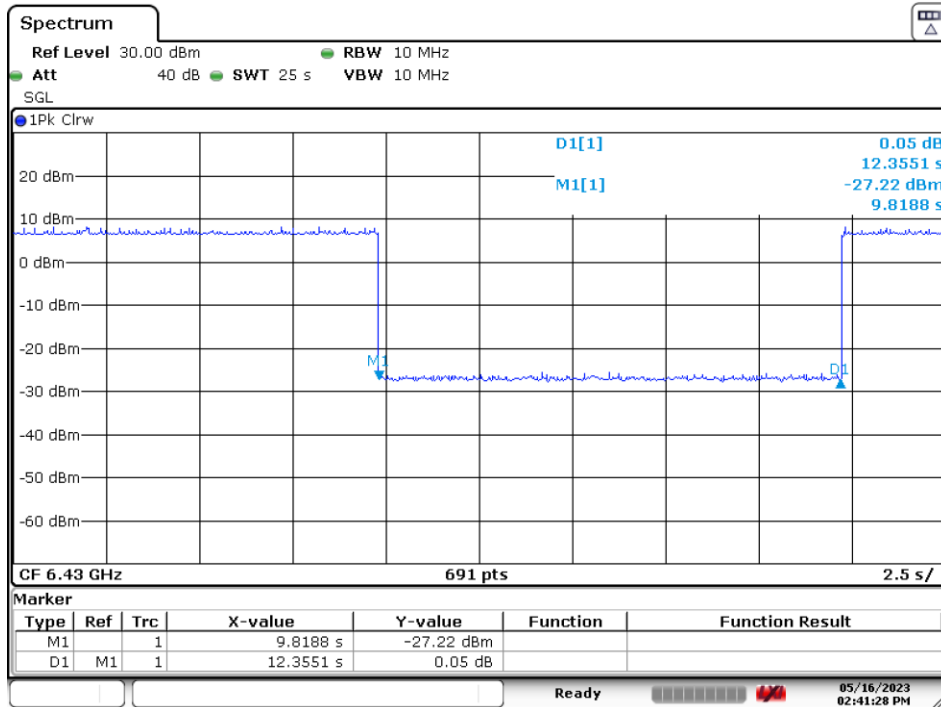
Plot 7-485. Contention Based Protocol Timing Plot (160MHz (UNII Band 5) – Ch. 47 High)

FCC ID: A3LSMX910 IC: 649E-SMX910		MEASUREMENT REPORT		Approved by: Technical Manager
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Date: 16.MAY.2023 14:20:27

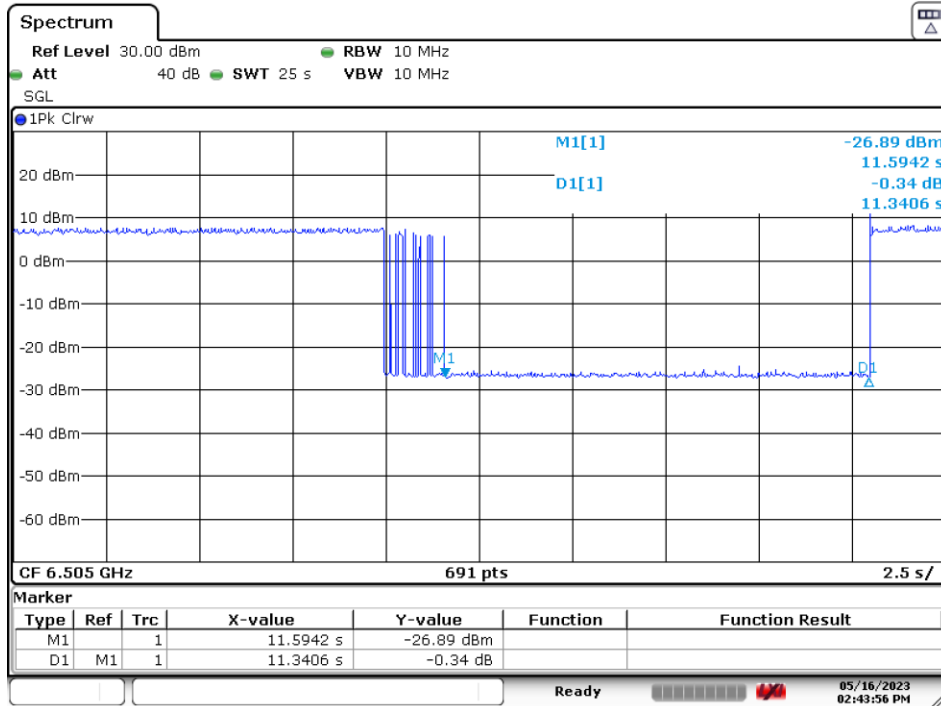
Plot 7-486. Contention Based Protocol Timing Plot (20MHz (UNII Band 6) – Ch. 101)



Date: 16.MAY.2023 14:41:28

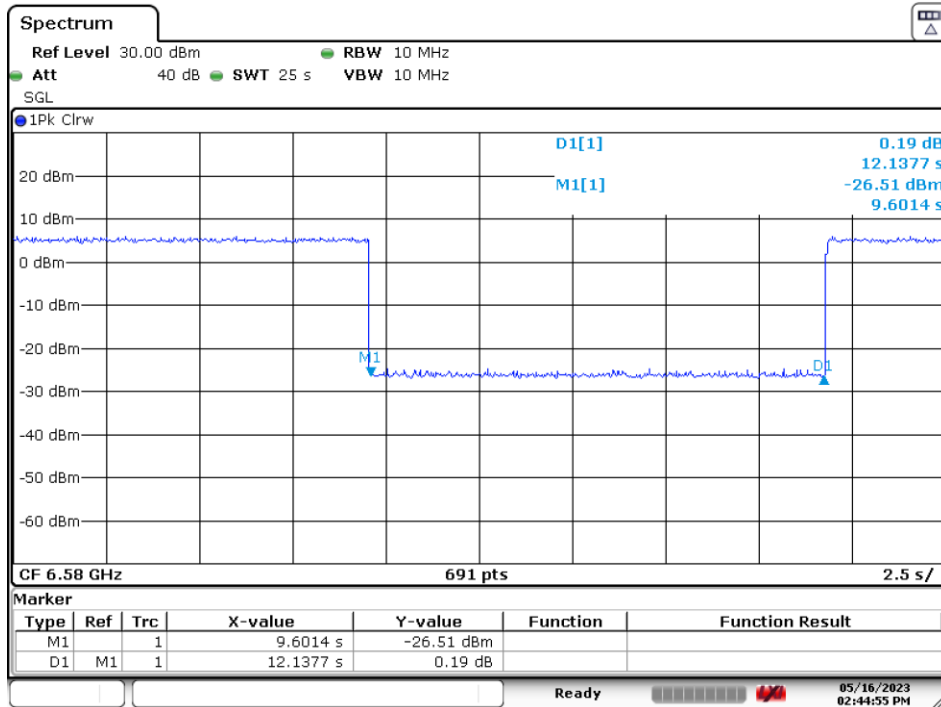
Plot 7-487. Contention Based Protocol Timing Plot (160MHz (UNII Band 6) – Ch. 111 Low)

FCC ID: A3LSMX910 IC: 649E-SMX910		MEASUREMENT REPORT		Approved by: Technical Manager
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Date: 16.MAY.2023 14:43:56

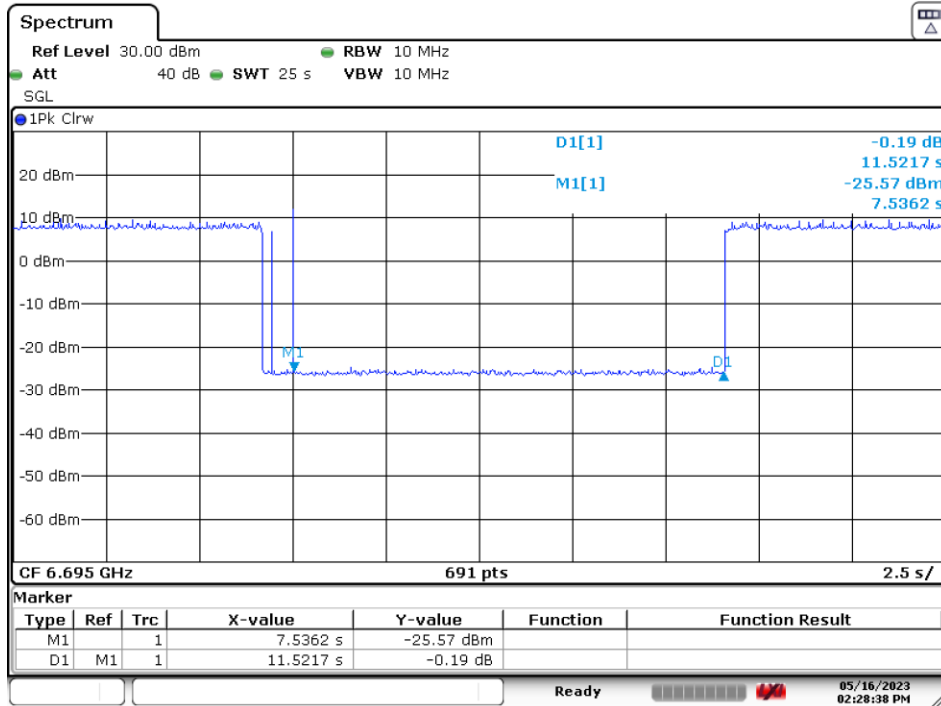
Plot 7-488. Contention Based Protocol Timing Plot (160MHz (UNII Band 6) – Ch. 111 Mid)



Date: 16.MAY.2023 14:44:55

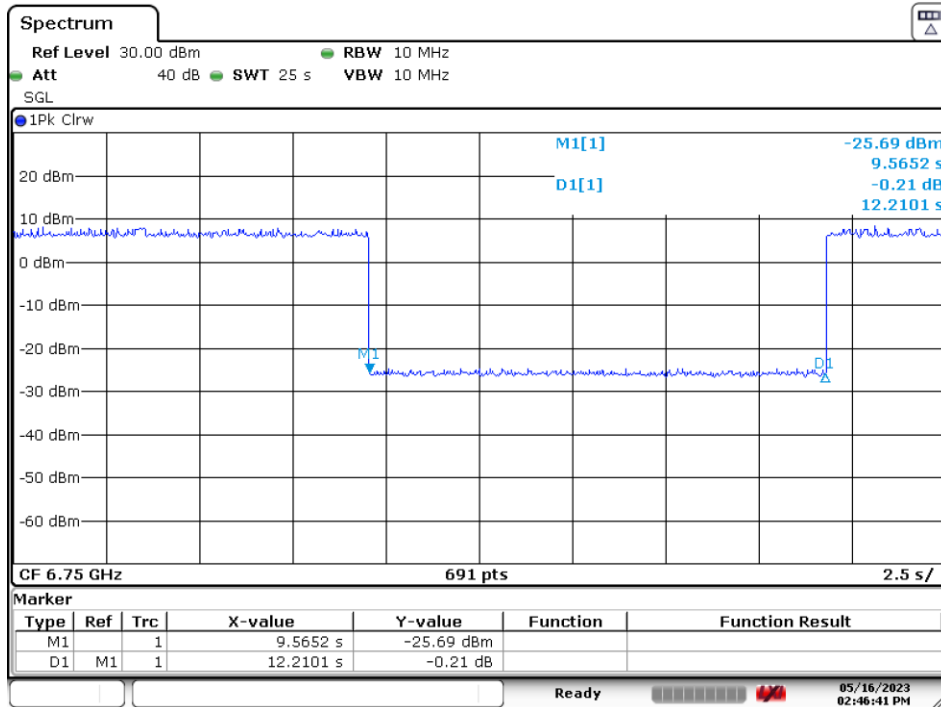
Plot 7-489. Contention Based Protocol Timing Plot (160MHz (UNII Band 6) – Ch. 111 High)

FCC ID: A3LSMX910 IC: 649E-SMX910		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet		Page 290 of 324



Date: 16.MAY.2023 14:28:38

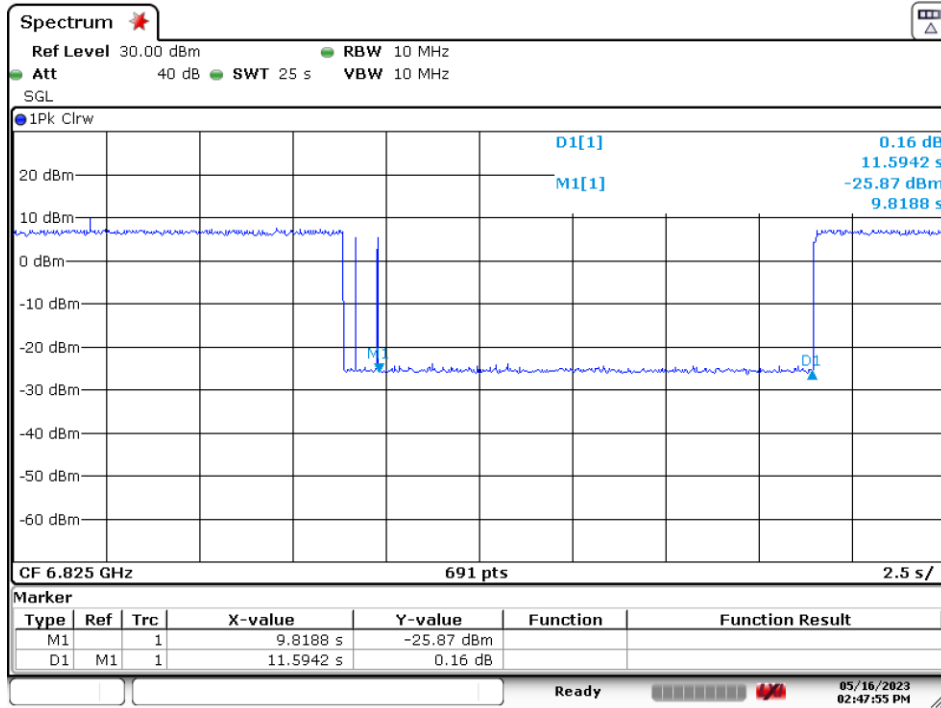
Plot 7-490. Contention Based Protocol Timing Plot (20MHz (UNII Band 7) – Ch. 149)



Date: 16.MAY.2023 14:46:41

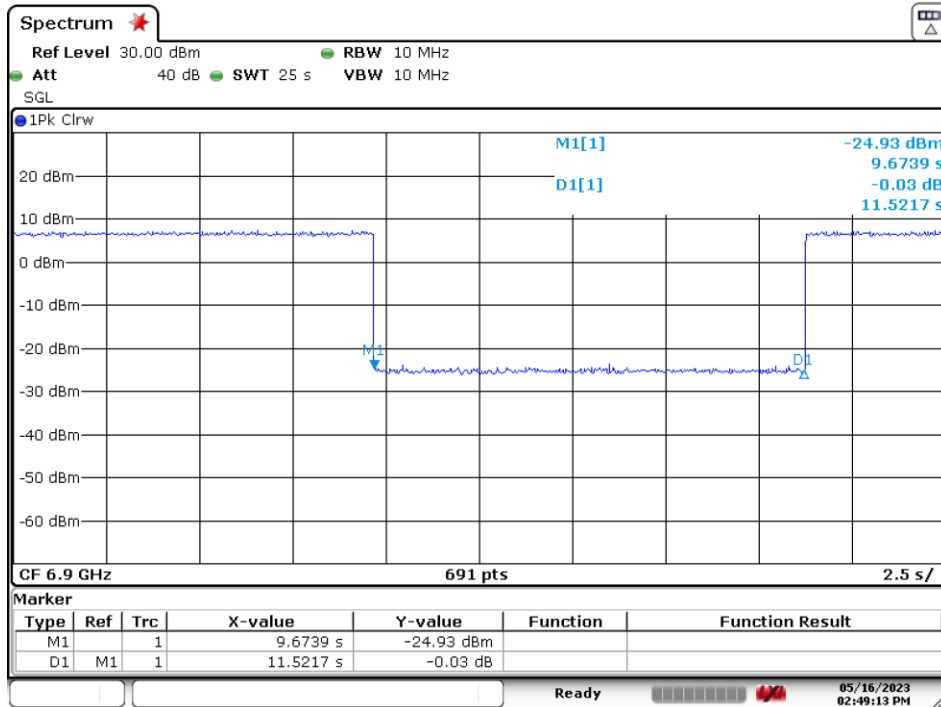
Plot 7-491. Contention Based Protocol Timing Plot (160MHz (UNII Band 7) – Ch. 175 Low)

FCC ID: A3LSMX910 IC: 649E-SMX910		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet		Page 291 of 324



Date: 16.MAY.2023 14:47:56

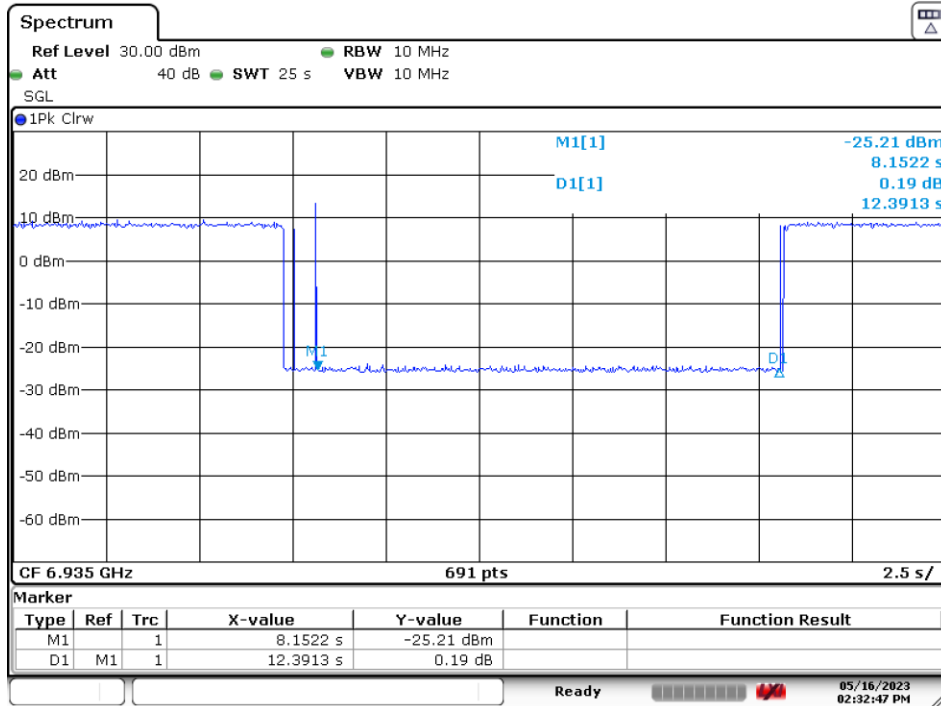
Plot 7-492. Contention Based Protocol Timing Plot (160MHz (UNII Band 7) – Ch. 175 Mid)



Date: 16.MAY.2023 14:49:14

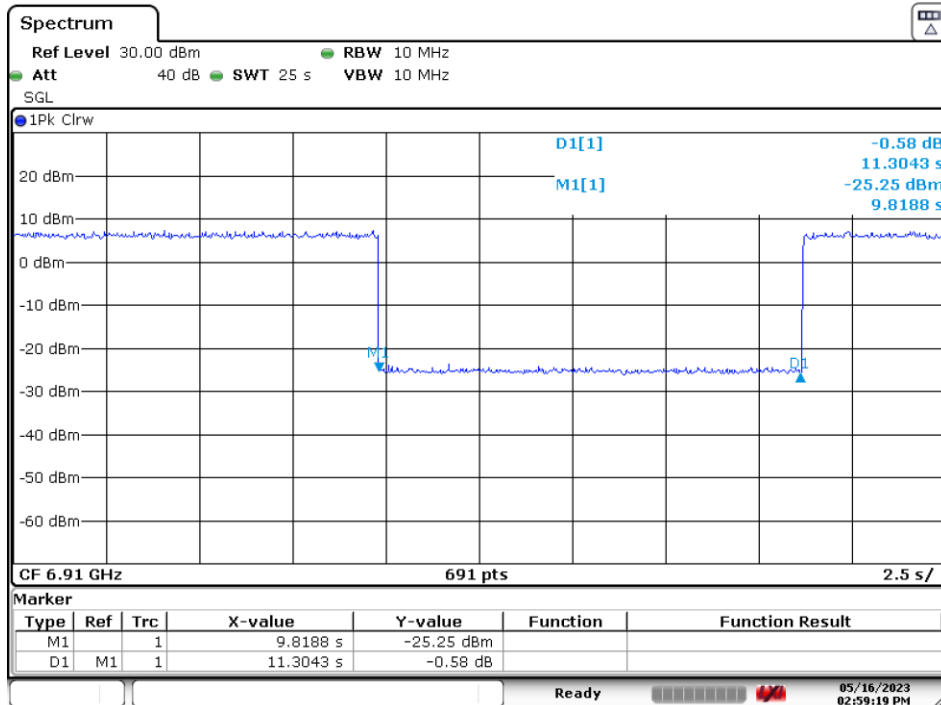
Plot 7-493. Contention Based Protocol Timing Plot (160MHz (UNII Band 7) – Ch. 175 High)

FCC ID: A3LSMX910 IC: 649E-SMX910		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet		Page 292 of 324



Date: 16.MAY.2023 14:32:47

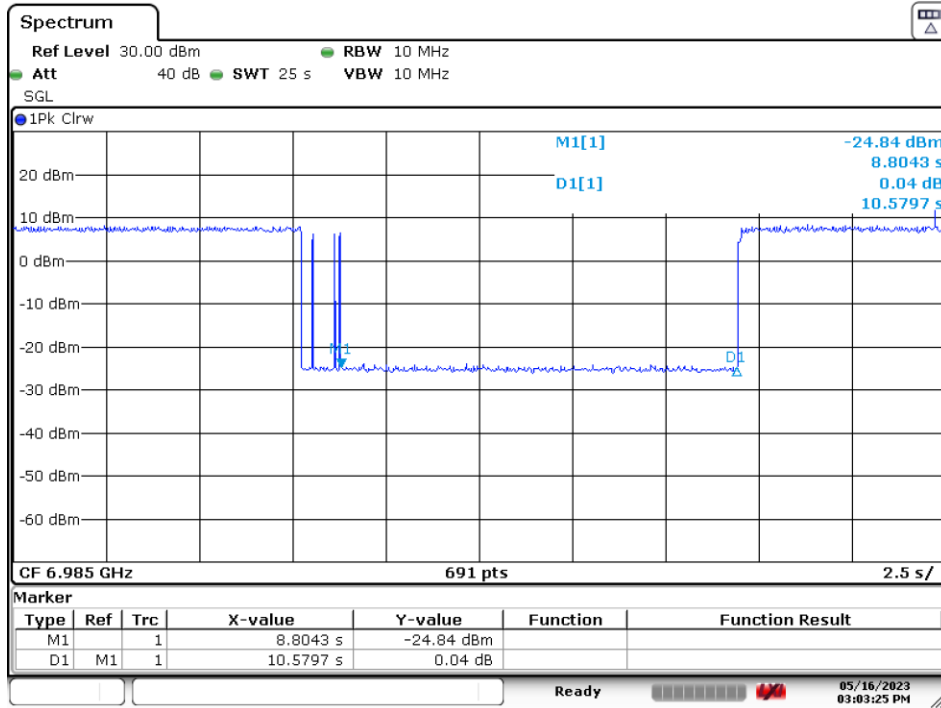
Plot 7-494. Contention Based Protocol Timing Plot (20MHz (UNII Band 8) – Ch. 197)



Date: 16.MAY.2023 14:59:19

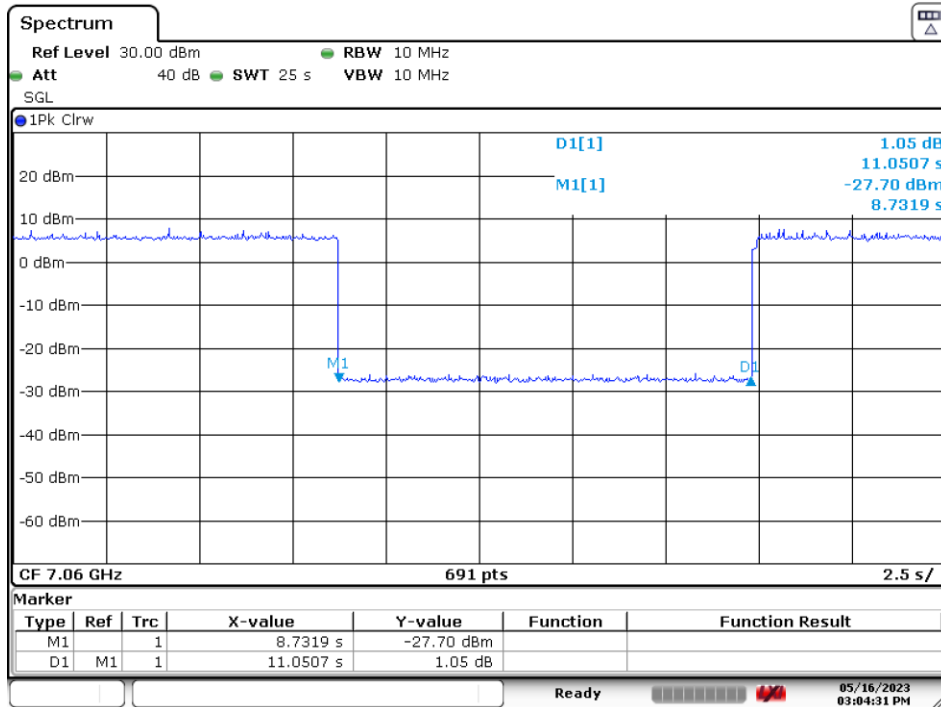
Plot 7-495. Contention Based Protocol Timing Plot (160MHz (UNII Band 8) – Ch. 207 Low)

FCC ID: A3LSMX910 IC: 649E-SMX910		MEASUREMENT REPORT		Approved by: Technical Manager
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Date: 16.MAY.2023 15:03:25

Plot 7-496. Contention Based Protocol Timing Plot (160MHz (UNII Band 8) – Ch. 207 Mid)



Date: 16.MAY.2023 15:04:32

Plot 7-497. Contention Based Protocol Timing Plot (160MHz (UNII Band 8) – Ch. 207 High)

FCC ID: A3LSMX910 IC: 649E-SMX910		MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet		Page 294 of 324

7.7 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 C63.10-2013, and at the appropriate frequencies. All channels, modes (e.g. 802.11ax (20/40/80/160MHz)), 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 7-14. Radiated Limits

Test Procedures Used

ANSI C63.10-2013 – 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 $\geq 2 \times \text{span} \backslash \backslash \text{RBW}$)
6. Sweep time = auto
7. Trace (RMS) averaging was performed over at least 100 traces.

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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.

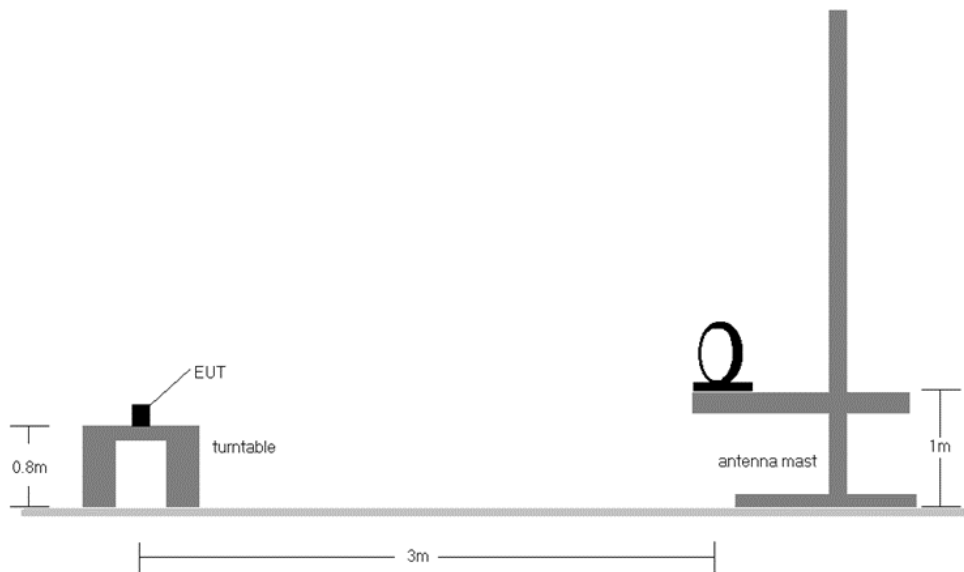


Figure 7-6. Radiated Test Setup < 30Mhz

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
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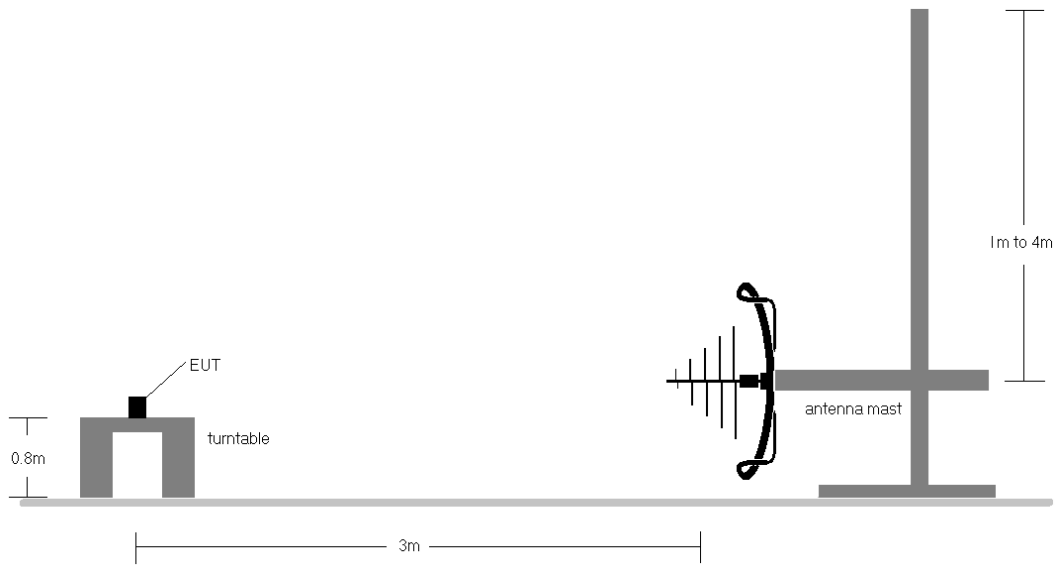


Figure 7-7. Radiated Test Setup < 1GHz

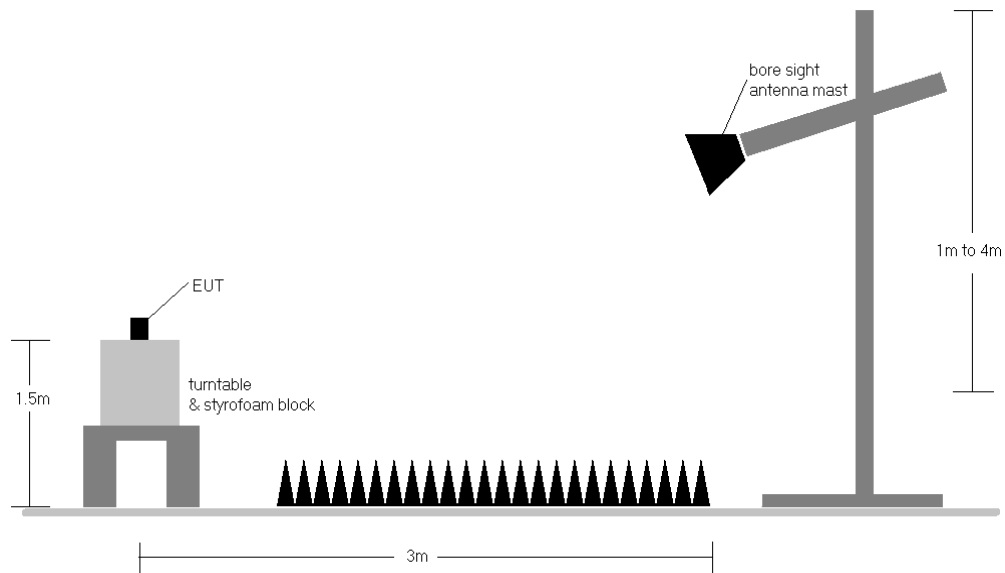


Figure 7-8. Radiated Test Setup > 1GHz

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
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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

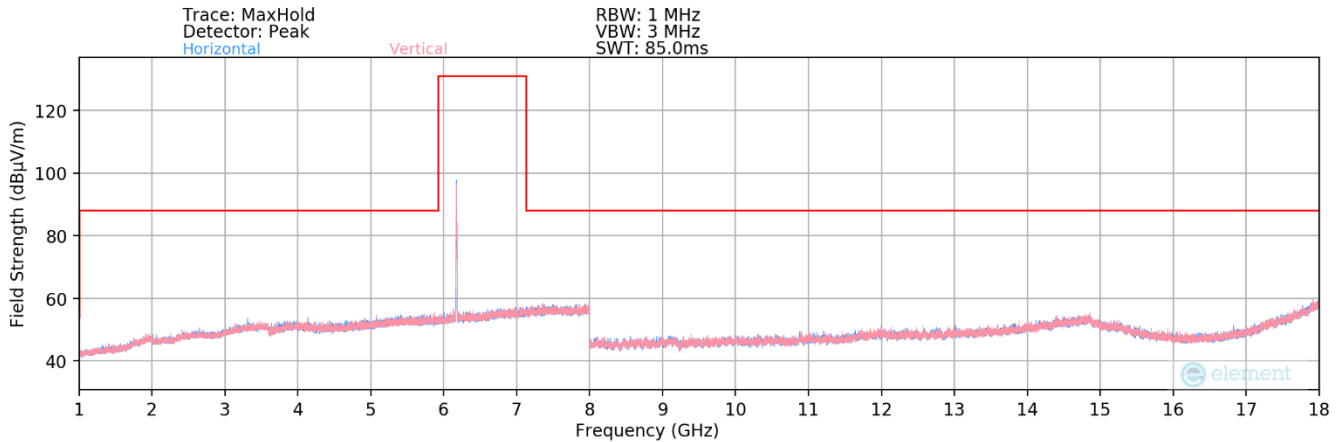
- Field Strength Level [dB μ V/m] = Analyzer Level [dBm] + 107 + AFCL [dB/m]
- AFCL [dB/m] = Antenna Factor [dB/m] + Cable Loss [dB]
- Margin [dB] = Field Strength Level [dB μ V/m] – Limit [dB μ V/m]

Radiated Band Edge Measurement Offset

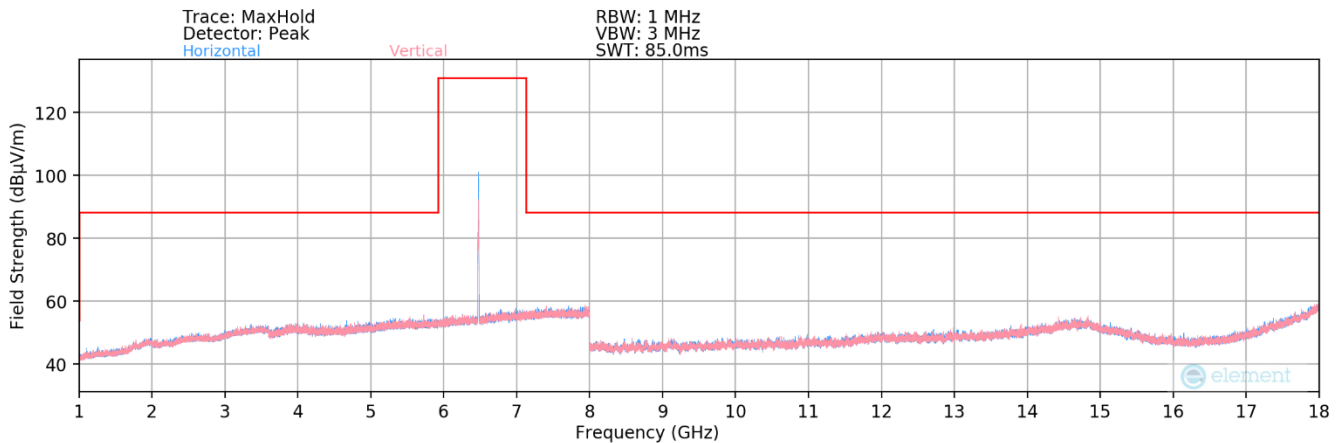
- The amplitude offset shown in the radiated restricted band edge plots was calculated using the formula:
Offset (dB) = (Antenna Factor + Cable Loss + Attenuator) – Preamplifier Gain

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 298 of 324

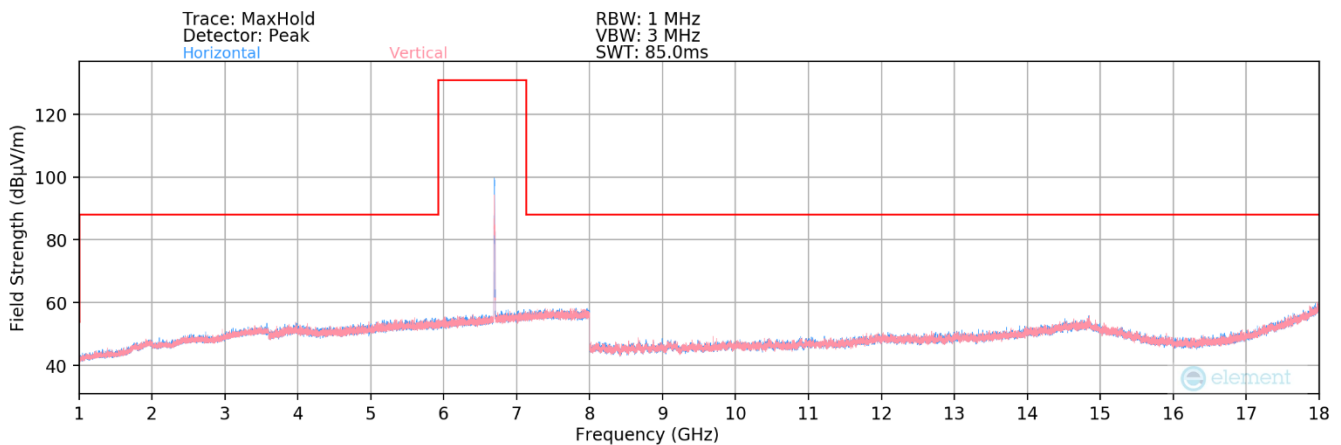
7.7.1 MIMO Radiated Spurious Emission Measurements (26 Tones)



Plot 7-498. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – UNII Band 5 Ch. 45)

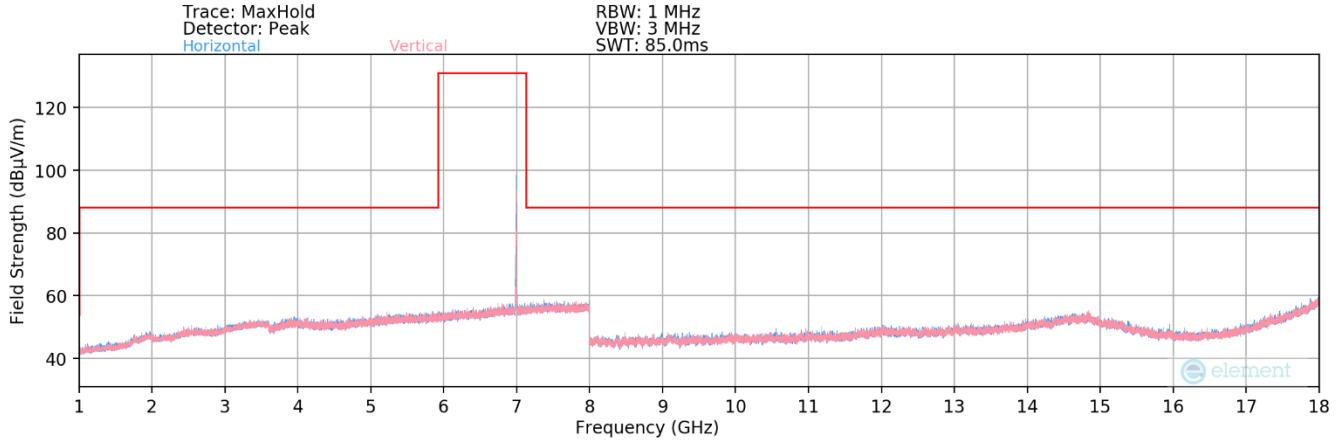


Plot 7-499. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – UNII Band 6 Ch. 105)

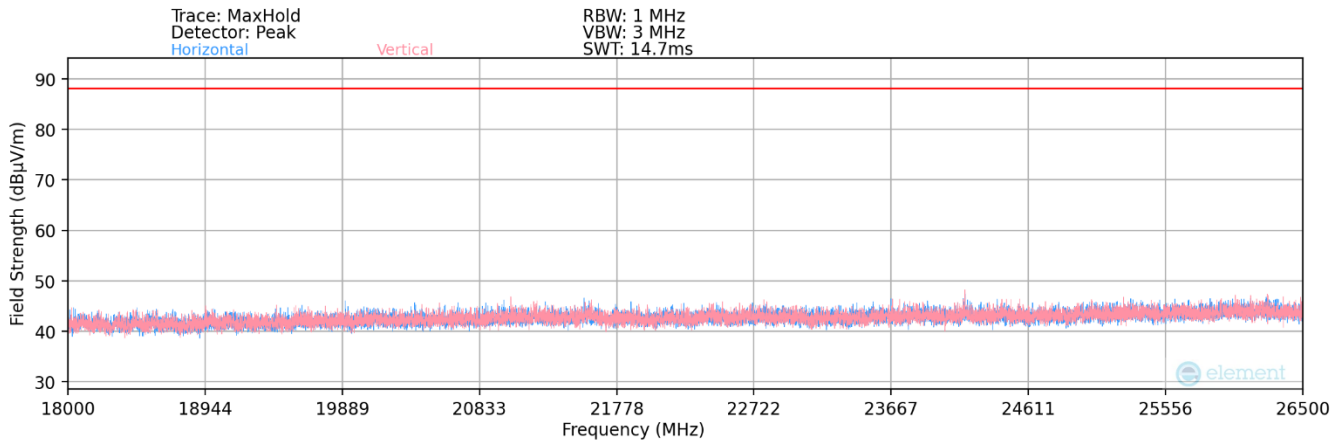


Plot 7-500. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – UNII Band 7 Ch. 149)

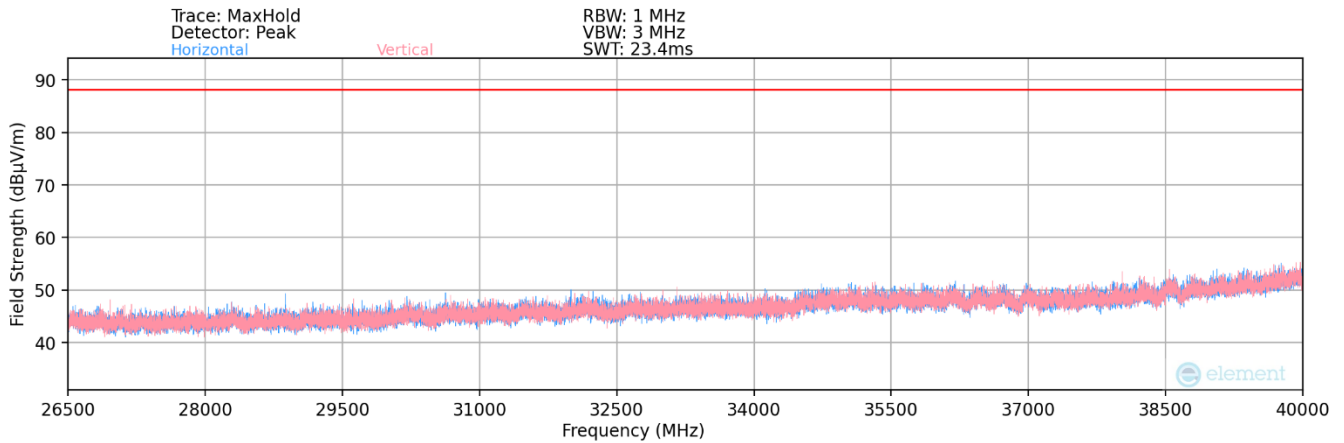
FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 299 of 324



Plot 7-501. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – U Band 8 Ch. 209)



Plot 7-502. Radiated Spurious Plot 18GHz - 26.5GHz (802.11ax)



Plot 7-503. Radiated Spurious Plot 26.5GHz - 40GHz (802.11ax)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 300 of 324

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

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 5935MHz
 Channel: 2

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]
* 11870.00	Average	V	-	-	-78.11	9.32	0.00	38.21	53.98	-15.77
* 11870.00	Peak	V	-	-	-66.11	9.32	0.00	50.21	73.98	-23.77
* 17805.00	Average	V	-	-	-77.07	15.72	0.00	45.65	53.98	-8.33
* 17805.00	Peak	V	-	-	-65.22	15.72	0.00	57.50	73.98	-16.48
* 23740.00	Average	V	-	-	-66.41	3.96	-9.54	35.00	53.98	-18.98
* 23740.00	Peak	V	-	-	-55.90	3.96	-9.54	45.52	73.98	-28.46
29675.00	Peak	V	-	-	-56.79	5.90	-9.54	46.57	68.20	-21.63

Table 7-15. Radiated Measurements MIMO (26 Tones)

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 6175MHz
 Channel: 45

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]
* 12350.00	Average	V	-	-	-78.03	9.60	0.00	38.57	53.98	-15.41
* 12350.00	Peak	V	-	-	-65.92	9.60	0.00	50.68	73.98	-23.30
* 18525.00	Average	V	-	-	-66.54	1.55	-9.54	32.47	53.98	-21.51
* 18525.00	Peak	V	-	-	-55.17	1.55	-9.54	43.84	73.98	-30.14
24700.00	Peak	V	-	-	-55.75	4.20	-9.54	45.91	68.20	-22.29
30875.00	Peak	V	-	-	-55.90	6.77	-9.54	48.33	68.20	-19.87

Table 7-16. Radiated Measurements MIMO (26 Tones)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 301 of 324

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 6415MHz
 Channel: 93

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]
12830.00	Peak	V	-	-	-66.31	9.64	0.00	50.33	68.20	-17.87
* 19245.00	Average	V	-	-	-66.30	2.35	-9.54	33.51	53.98	-20.47
* 19245.00	Peak	V	-	-	-55.62	2.35	-9.54	44.19	73.98	-29.79
25660.00	Peak	V	-	-	-55.51	4.41	-9.54	46.36	68.20	-21.84
32075.00	Peak	V	-	-	-56.60	7.43	-9.54	48.29	68.20	-19.91

Table 7-17. Radiated Measurements MIMO (26 Tones)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 302 of 324



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

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 6435MHz
 Channel: 97

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]
12870.00	Peak	V	314	205	-62.45	10.05	0.00	54.60	68.20	-13.60
* 19305.00	Average	V	-	-	-66.14	2.13	-9.54	33.45	53.98	-20.53
* 19305.00	Peak	V	-	-	-56.04	2.13	-9.54	43.55	73.98	-30.43
25740.00	Peak	V	-	-	-56.59	4.51	-9.54	45.38	68.20	-22.82
32175.00	Peak	V	-	-	-56.80	7.53	-9.54	48.19	68.20	-20.01

Table 7-18. Radiated Measurements MIMO (26 Tones)

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 6475MHz
 Channel: 105

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]
12950.00	Peak	V	207	205	-61.78	10.12	0.00	55.34	68.20	-12.86
* 19425.00	Average	V	-	-	-66.14	2.22	-9.54	33.54	53.98	-20.44
* 19425.00	Peak	V	-	-	-54.61	2.22	-9.54	45.07	73.98	-28.91
25900.00	Peak	V	-	-	-54.84	4.57	-9.54	47.19	68.20	-21.01
32375.00	Peak	V	-	-	-56.35	7.29	-9.54	48.41	68.20	-19.79

Table 7-19. Radiated Measurements MIMO (26 Tones)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 303 of 324



Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 6515MHz
 Channel: 113

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]
13030.00	Peak	V	186	29	-62.68	10.12	0.00	54.44	68.20	-13.76
* 19545.00	Average	V	-	-	-66.14	2.37	-9.54	33.69	53.98	-20.29
* 19545.00	Peak	V	-	-	-57.97	2.37	-9.54	41.86	73.98	-32.12
26060.00	Peak	V	-	-	-56.37	4.80	-9.54	45.89	68.20	-22.31
32575.00	Peak	V	-	-	-56.48	6.85	-9.54	47.83	68.20	-20.37

Table 7-20. Radiated Measurements MIMO (26 Tones)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 304 of 324

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

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 6535MHz
 Channel: 117

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]
13070.00	Peak	V	342	205	-63.82	10.15	0.00	53.33	68.20	-14.87
* 19605.00	Average	V	-	-	-66.14	2.64	-9.54	33.97	53.98	-20.01
* 19605.00	Peak	V	-	-	-57.96	2.64	-9.54	42.14	73.98	-31.84
26140.00	Peak	V	-	-	-56.33	4.56	-9.54	45.69	68.20	-22.51
32675.00	Peak	V	-	-	-56.08	7.03	-9.54	48.41	68.20	-19.79

Table 7-21. Radiated Measurements MIMO (26 Tones)

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 6695MHz
 Channel: 149

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]
* 13390.00	Average	V	212	30	-76.11	10.35	0.00	41.24	53.98	-12.74
* 13390.00	Peak	V	212	30	-64.09	10.35	0.00	53.26	73.98	-20.72
* 20085.00	Average	V	-	-	-66.09	3.01	-9.54	34.38	53.98	-19.60
* 20085.00	Peak	V	-	-	-55.49	3.01	-9.54	44.98	73.98	-29.00
26780.00	Peak	V	-	-	-56.47	4.57	-9.54	45.57	68.20	-22.63
33475.00	Peak	V	-	-	-56.86	7.57	-9.54	48.17	68.20	-20.03

Table 7-22. Radiated Measurements MIMO (26 Tones)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 305 of 324



Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 6875MHz
 Channel: 185

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]
13750.00	Peak	V	-	-	-66.70	11.07	0.00	51.37	68.20	-16.83
* 20625.00	Average	V	-	-	-66.76	3.42	-9.54	34.12	53.98	-19.86
* 20625.00	Peak	V	-	-	-56.46	3.42	-9.54	44.42	73.98	-29.56
27500.00	Peak	V	-	-	-56.32	4.54	-9.54	45.68	68.20	-22.52
34375.00	Peak	V	-	-	-56.90	8.08	-9.54	48.64	68.20	-19.56

Table 7-23. Radiated Measurements MIMO (26 Tones)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 306 of 324



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

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 6895MHz
 Channel: 189

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]
13790.00	Peak	V	-	-	-66.17	11.00	0.00	51.83	68.20	-16.37
* 20685.00	Average	V	-	-	-66.48	3.67	-9.54	34.65	53.98	-19.33
* 20685.00	Peak	V	-	-	-55.86	3.67	-9.54	45.27	73.98	-28.71
27580.00	Peak	V	-	-	-56.87	4.68	-9.54	45.28	68.20	-22.92
34475.00	Peak	V	-	-	-56.25	7.83	-9.54	49.04	68.20	-19.16

Table 7-24. Radiated Measurements MIMO (26 Tones)

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 6995MHz
 Channel: 209

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]
13990.00	Peak	V	-	-	-65.55	11.26	0.00	52.71	68.20	-15.49
* 20985.00	Average	V	-	-	-66.59	3.59	-9.54	34.47	53.98	-19.51
* 20985.00	Peak	V	-	-	-56.21	3.59	-9.54	44.85	73.98	-29.13
27980.00	Peak	V	-	-	-56.80	5.05	-9.54	45.71	68.20	-22.49
34975.00	Peak	V	-	-	-55.83	8.24	-9.54	49.87	68.20	-18.33

Table 7-25. Radiated Measurements MIMO (26 Tones)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 307 of 324



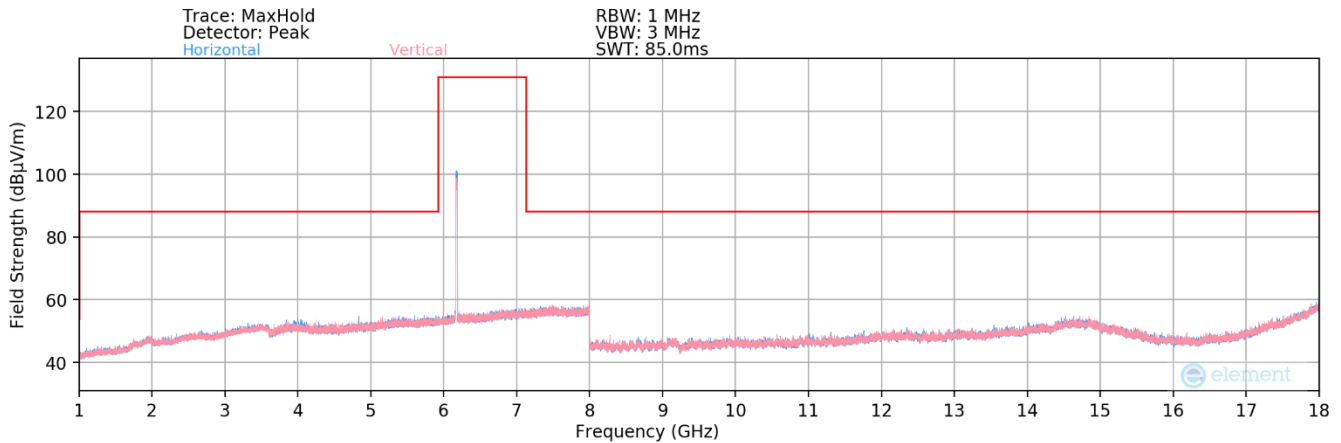
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 4
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 7115MHz
 Channel: 233

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]
14230.00	Peak	V	-	-	-65.88	12.13	0.00	53.25	68.20	-14.95
* 21345.00	Average	V	-	-	-66.50	4.08	-9.54	35.04	53.98	-18.94
* 21345.00	Peak	V	-	-	-56.72	4.08	-9.54	44.82	73.98	-29.16
28460.00	Peak	V	-	-	-55.41	5.14	-9.54	47.19	68.20	-21.01
35575.00	Peak	V	-	-	-55.66	8.16	-9.54	49.96	68.20	-18.24

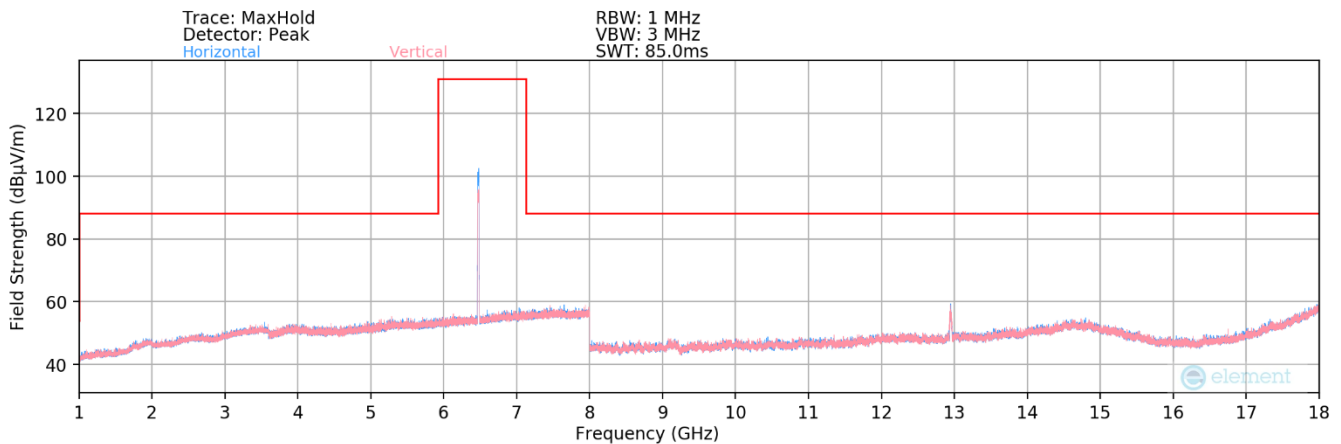
Table 7-26. Radiated Measurements MIMO (26 Tones)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 308 of 324

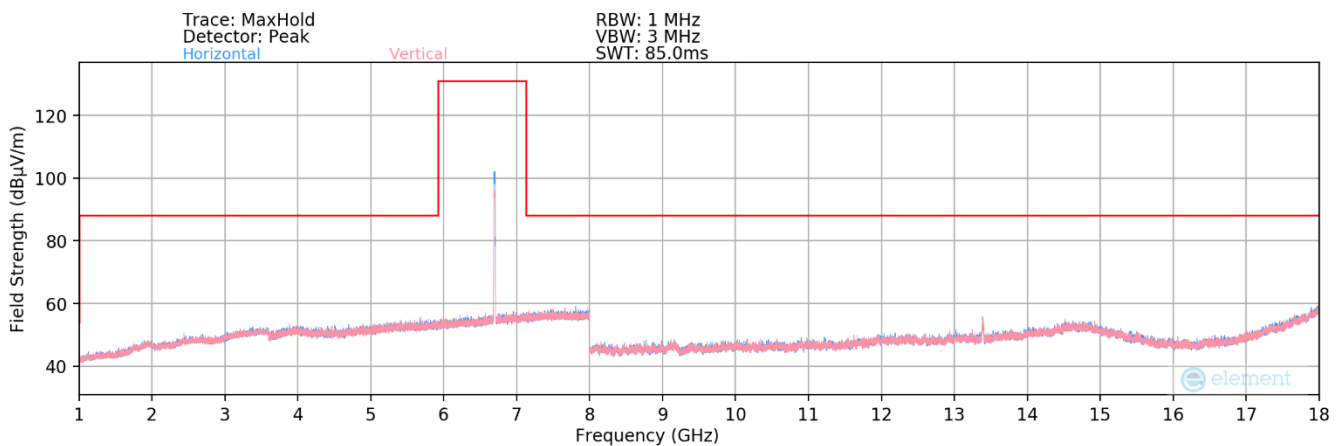
7.7.2 MIMO Radiated Spurious Emission Measurements (242 Tones)



Plot 7-504. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – UNII Band 5 Ch. 45)

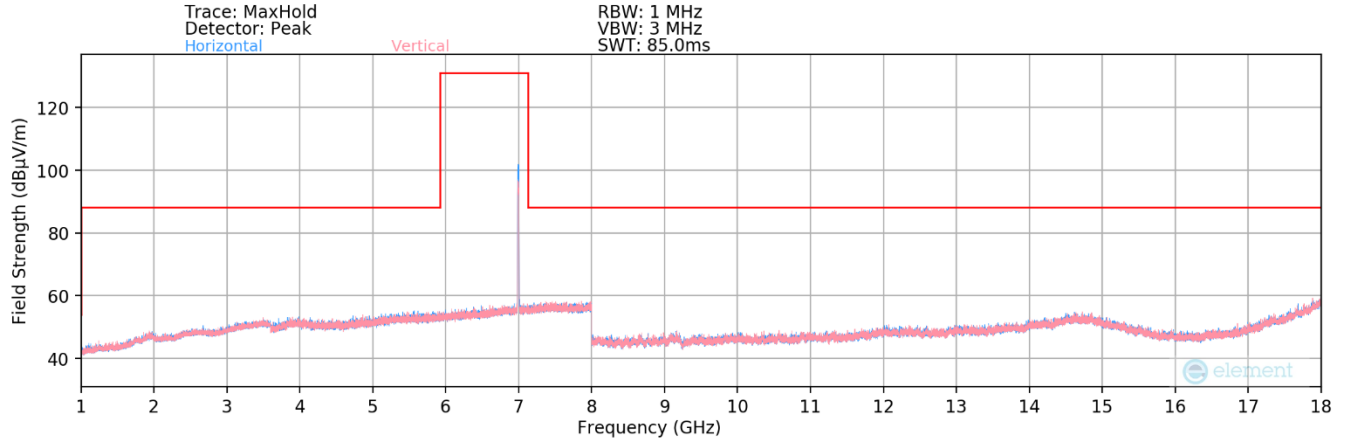


Plot 7-505. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – UNII Band 6 Ch. 105)

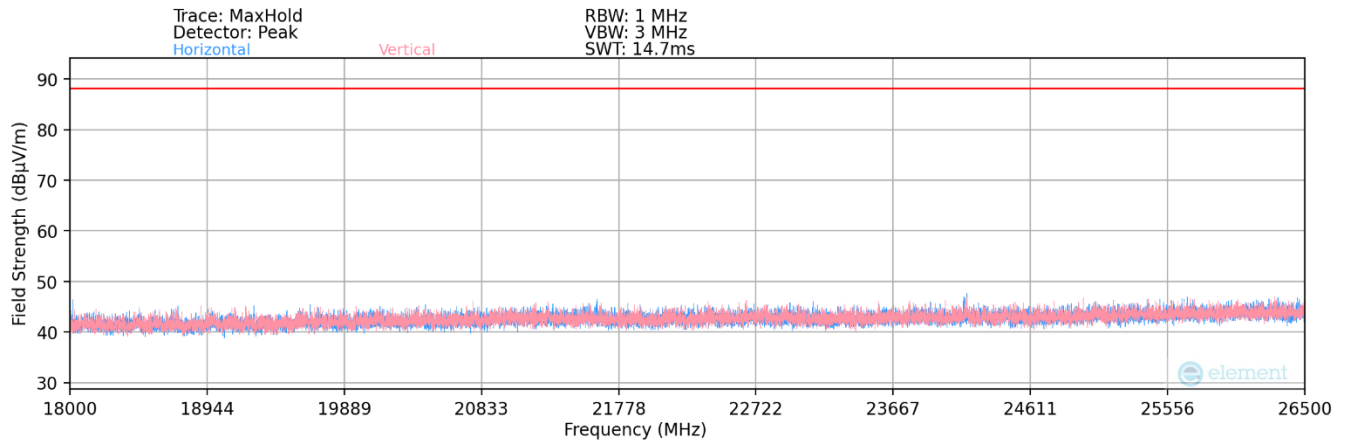


Plot 7-506. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – UNII Band 7 Ch. 149)

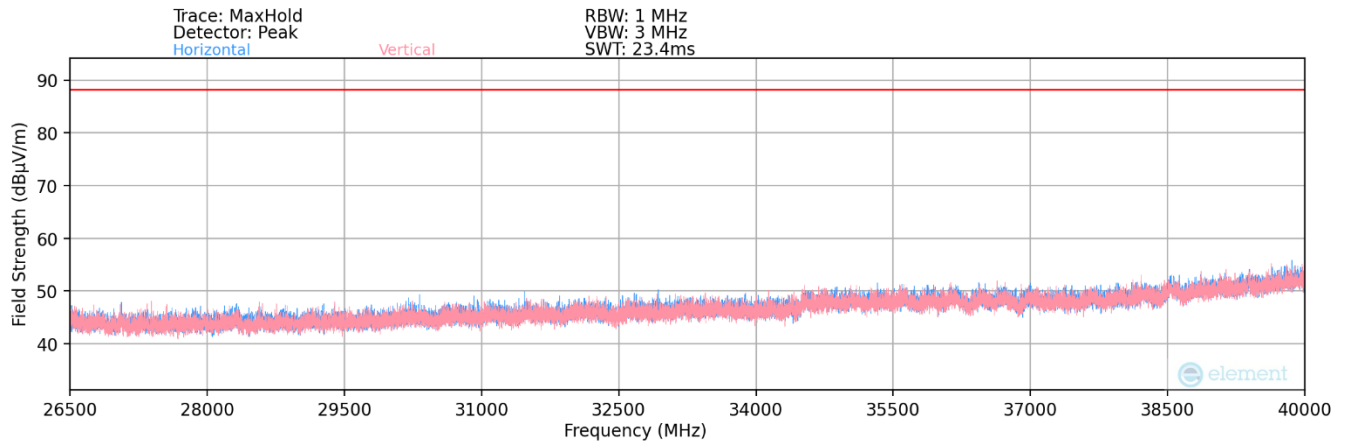
FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 309 of 324



Plot 7-507. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – U Band 8 Ch. 209)



Plot 7-508. Radiated Spurious Plot 18GHz - 26.5GHz (802.11ax)



Plot 7-509. Radiated Spurious Plot 26.5GHz - 40GHz (802.11ax)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 310 of 324

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

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 5935MHz
 Channel: 2

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]
* 11870.00	Average	V	-	-	-77.97	9.32	0.00	38.35	53.98	-15.63
* 11870.00	Peak	V	-	-	-65.90	9.32	0.00	50.42	73.98	-23.56
* 17805.00	Average	V	-	-	-76.95	15.72	0.00	45.77	53.98	-8.21
* 17805.00	Peak	V	-	-	-64.94	15.72	0.00	57.78	73.98	-16.20
* 23740.00	Average	V	-	-	-66.86	3.96	-9.54	34.56	53.98	-19.42
* 23740.00	Peak	V	-	-	-56.37	3.96	-9.54	45.05	73.98	-28.93
* 29675.00	Peak	V	-	-	-56.94	5.90	-9.54	46.43	68.20	-21.77

Table 7-27. Radiated Measurements MIMO (242 Tones)

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 6175MHz
 Channel: 45

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]
* 12350.00	Average	V	299	197	-75.29	9.60	0.00	41.31	53.98	-12.67
* 12350.00	Peak	V	299	197	-63.64	9.60	0.00	52.96	73.98	-21.02
* 18525.00	Average	V	-	-	-67.27	1.55	-9.54	31.74	53.98	-22.24
* 18525.00	Peak	V	-	-	-55.31	1.55	-9.54	43.70	73.98	-30.28
24700.00	Peak	V	-	-	-55.30	4.20	-9.54	46.36	68.20	-21.84
30875.00	Peak	V	-	-	-57.14	6.77	-9.54	47.09	68.20	-21.11

Table 7-28. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
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Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 6415MHz
 Channel: 93

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]
12830.00	Peak	V	242	204	-53.65	9.64	0.00	62.99	68.20	-5.21
* 19245.00	Average	V	-	-	-66.50	2.35	-9.54	33.31	53.98	-20.67
* 19245.00	Peak	V	-	-	-55.32	2.35	-9.54	44.50	73.98	-29.48
25660.00	Peak	V	-	-	-55.30	4.41	-9.54	46.56	68.20	-21.64
32075.00	Peak	V	-	-	-55.21	7.43	-9.54	49.68	68.20	-18.52

Table 7-29. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 312 of 324

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

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 6435MHz
 Channel: 97

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]
12870.00	Peak	V	240	203	-55.07	10.05	0.00	61.98	68.20	-6.22
* 19305.00	Average	V	-	-	-65.88	2.13	-9.54	33.71	53.98	-20.27
* 19305.00	Peak	V	-	-	-55.25	2.13	-9.54	44.34	73.98	-29.64
25740.00	Peak	V	-	-	-56.14	4.51	-9.54	45.83	68.20	-22.37
32175.00	Peak	V	-	-	-56.18	7.53	-9.54	48.81	68.20	-19.39

Table 7-30. Radiated Measurements MIMO (242 Tones)

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 6475MHz
 Channel: 105

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]
12950.00	Peak	V	242	204	-54.10	10.12	0.00	63.02	68.20	-5.18
* 19425.00	Average	V	-	-	-65.89	2.22	-9.54	33.79	53.98	-20.19
* 19425.00	Peak	V	-	-	-56.17	2.22	-9.54	43.51	73.98	-30.47
25900.00	Peak	V	-	-	-55.28	4.57	-9.54	46.75	68.20	-21.45
32375.00	Peak	V	-	-	-56.88	7.29	-9.54	47.87	68.20	-20.33

Table 7-31. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 313 of 324

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 6515MHz
 Channel: 113

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]
13030.00	Peak	V	165	29	-57.12	10.12	0.00	60.00	68.20	-8.20
* 19545.00	Average	V	-	-	-66.04	2.37	-9.54	33.79	53.98	-20.19
* 19545.00	Peak	V	-	-	-56.40	2.37	-9.54	43.43	73.98	-30.55
26060.00	Peak	V	-	-	-55.93	4.80	-9.54	46.34	68.20	-21.86
32575.00	Peak	V	-	-	-55.87	6.85	-9.54	48.44	68.20	-19.76

Table 7-32. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 314 of 324

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

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 6535MHz
 Channel: 117

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]
13070.00	Peak	V	191	28	-57.62	10.15	0.00	59.53	68.20	-8.67
* 19605.00	Average	V	-	-	-65.55	2.64	-9.54	34.55	53.98	-19.43
* 19605.00	Peak	V	-	-	-56.02	2.64	-9.54	44.09	73.98	-29.89
26140.00	Peak	V	-	-	-56.09	4.56	-9.54	45.93	68.20	-22.27
32675.00	Peak	V	-	-	-56.30	7.03	-9.54	48.20	68.20	-20.00

Table 7-33. Radiated Measurements MIMO (242 Tones)

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 6695MHz
 Channel: 149

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]
* 13390.00	Average	V	122	31	-69.07	10.35	0.00	48.28	53.98	-5.70
* 13390.00	Peak	V	122	31	-56.61	10.35	0.00	60.74	73.98	-13.24
* 20085.00	Average	V	-	-	-65.90	3.01	-9.54	34.57	53.98	-19.41
* 20085.00	Peak	V	-	-	-55.46	3.01	-9.54	45.01	73.98	-28.97
26780.00	Peak	V	-	-	-56.28	4.57	-9.54	45.75	68.20	-22.45
33475.00	Peak	V	-	-	-56.20	7.57	-9.54	48.83	68.20	-19.37

Table 7-34. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 315 of 324

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 6875MHz
 Channel: 185

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]
13750.00	Peak	V	152	358	-64.81	11.07	0.00	53.26	68.20	-14.94
* 20625.00	Average	V	-	-	-66.01	3.42	-9.54	34.88	53.98	-19.10
* 20625.00	Peak	V	-	-	-56.58	3.42	-9.54	44.30	73.98	-29.68
27500.00	Peak	V	-	-	-56.31	4.54	-9.54	45.69	68.20	-22.51
34375.00	Peak	V	-	-	-56.74	8.08	-9.54	48.80	68.20	-19.40

Table 7-35. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
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7.7.2.4 MIMO Radiated Spurious Emission Measurements (242 Tones) – UNII Band 8

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 6895MHz
 Channel: 189

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]
13790.00	Peak	V	161	25	-64.78	11.00	0.00	53.22	68.20	-14.98
* 20685.00	Average	V	-	-	-65.82	3.67	-9.54	35.31	53.98	-18.67
* 20685.00	Peak	V	-	-	-56.00	3.67	-9.54	45.13	73.98	-28.85
27580.00	Peak	V	-	-	-56.49	4.68	-9.54	45.66	68.20	-22.54
34475.00	Peak	V	-	-	-55.75	7.83	-9.54	49.54	68.20	-18.66

Table 7-36. Radiated Measurements MIMO (242 Tones)

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 6995MHz
 Channel: 209

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]
13990.00	Peak	V	-	-	-65.88	11.26	0.00	52.38	68.20	-15.82
* 20985.00	Average	V	-	-	-66.26	3.59	-9.54	34.79	53.98	-19.19
* 20985.00	Peak	V	-	-	-55.96	3.59	-9.54	45.10	73.98	-28.88
27980.00	Peak	V	-	-	-55.06	5.05	-9.54	47.45	68.20	-20.75
34975.00	Peak	V	-	-	-55.31	8.24	-9.54	50.39	68.20	-17.81

Table 7-37. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
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Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 7115MHz
 Channel: 233

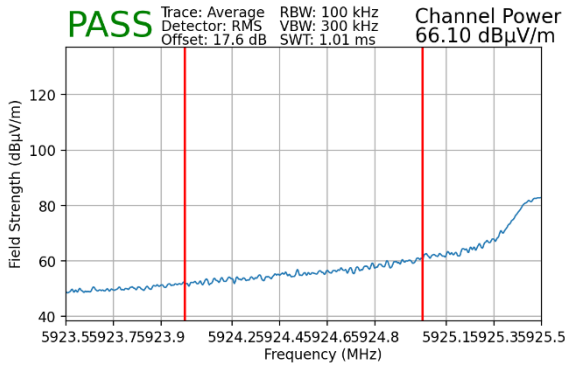
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
14230.00	Peak	V	223	209	-64.43	12.13	0.00	54.70	68.20	-13.50
* 21345.00	Average	V	-	-	-65.29	4.08	-9.54	36.25	53.98	-17.73
* 21345.00	Peak	V	-	-	-55.11	4.08	-9.54	46.42	73.98	-27.56
28460.00	Peak	V	-	-	-56.88	5.14	-9.54	45.72	68.20	-22.48
35575.00	Peak	V	-	-	-55.99	8.16	-9.54	49.63	68.20	-18.57

Table 7-38. Radiated Measurements MIMO (242 Tones)

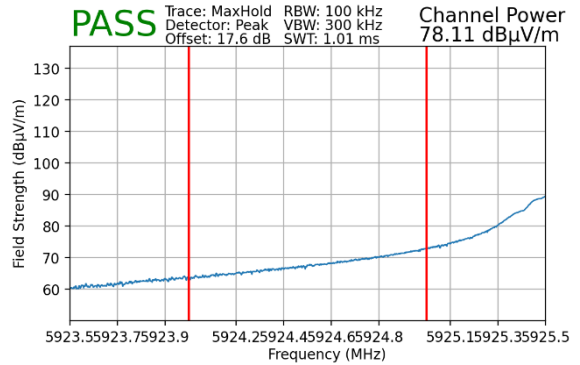
FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
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7.7.3 MIMO Radiated Band Edge Measurements (20MHz BW – Partial Tone – 106T)

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

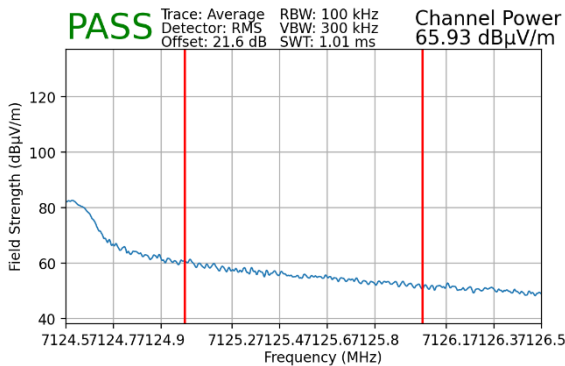


Plot 7-510. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5 – 106T)

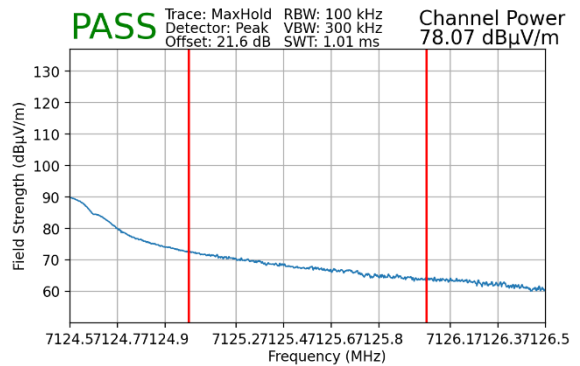


Plot 7-511. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 5 – 106T)

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



Plot 7-512. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8 – 106T)

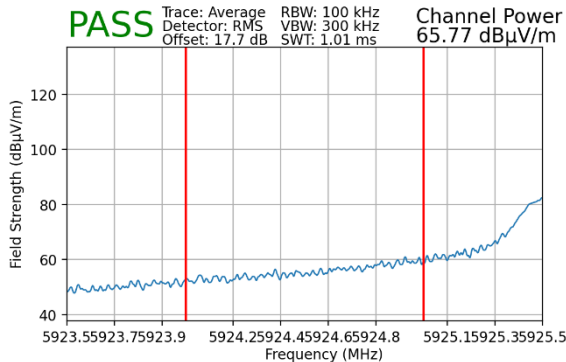


Plot 7-513. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 8 – 106T)

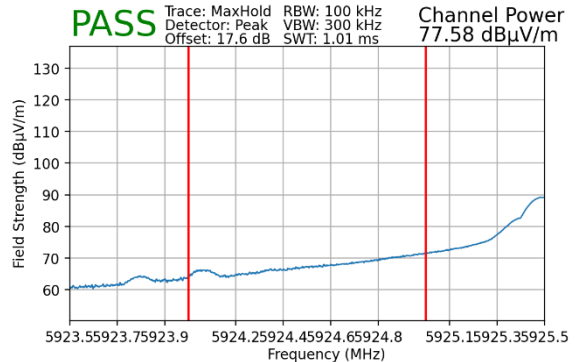
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7.7.4 MIMO Radiated Band Edge Measurements (20MHz BW – Full Tone – 242T)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index	61
Distance of Measurements:	3 Meters
Operating Frequency:	5935MHz
Channel:	2

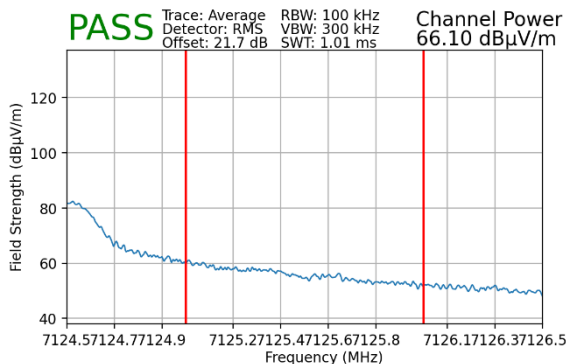


Plot 7-514. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5 – 242T)

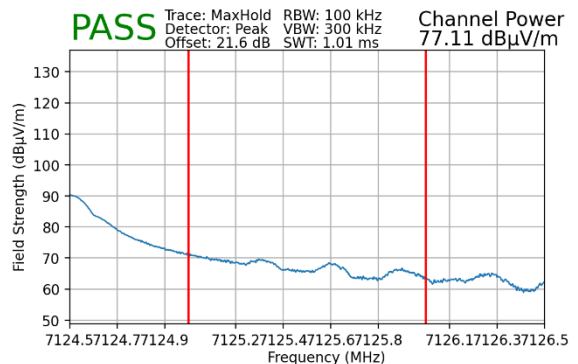


Plot 7-515. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 5 – 242T)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index	61
Distance of Measurements:	3 Meters
Operating Frequency:	7115MHz
Channel:	233



Plot 7-516. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8 – 242T)

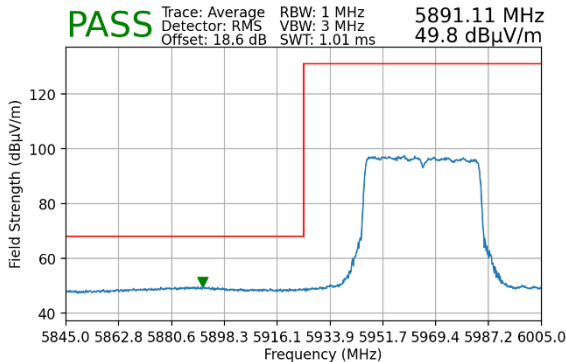


Plot 7-517. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 8 – 242T)

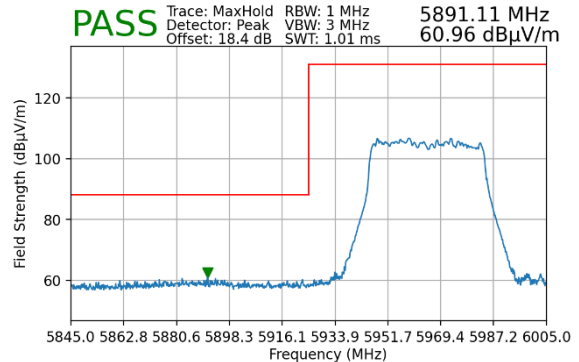
FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 320 of 324

7.7.5 MIMO Radiated Band Edge Measurements (40MHz BW – Full Tone – 484T)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index	65
Distance of Measurements:	3 Meters
Operating Frequency:	5965MHz
Channel:	3

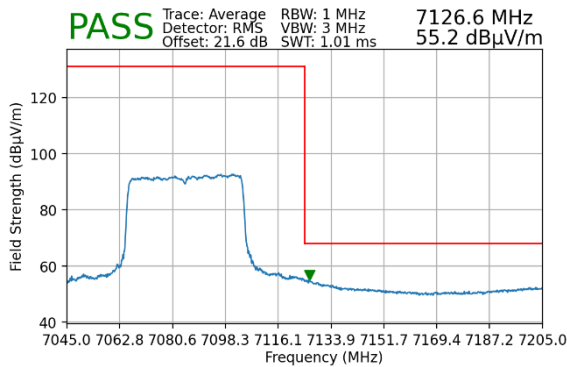


Plot 7-518. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5 – 484T)

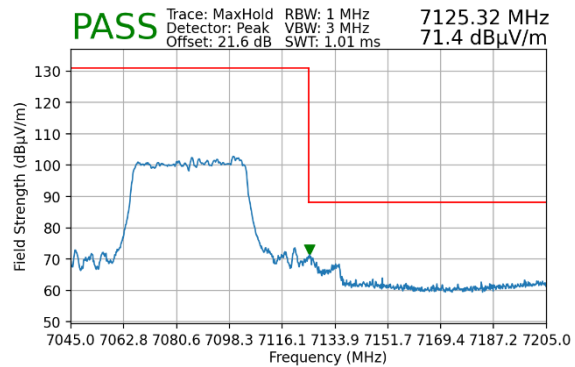


Plot 7-519. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 5 – 484T)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index	65
Distance of Measurements:	3 Meters
Operating Frequency:	7085MHz
Channel:	227



Plot 7-520. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8 – 484T)



Plot 7-521. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 8 – 484T)

FCC ID: A3LSMX910 IC: 649E-SMX910	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2303200036-09.A3L	Test Dates: 04/03/2023 - 05/18/2023	EUT Type: Portable Tablet	Page 321 of 324