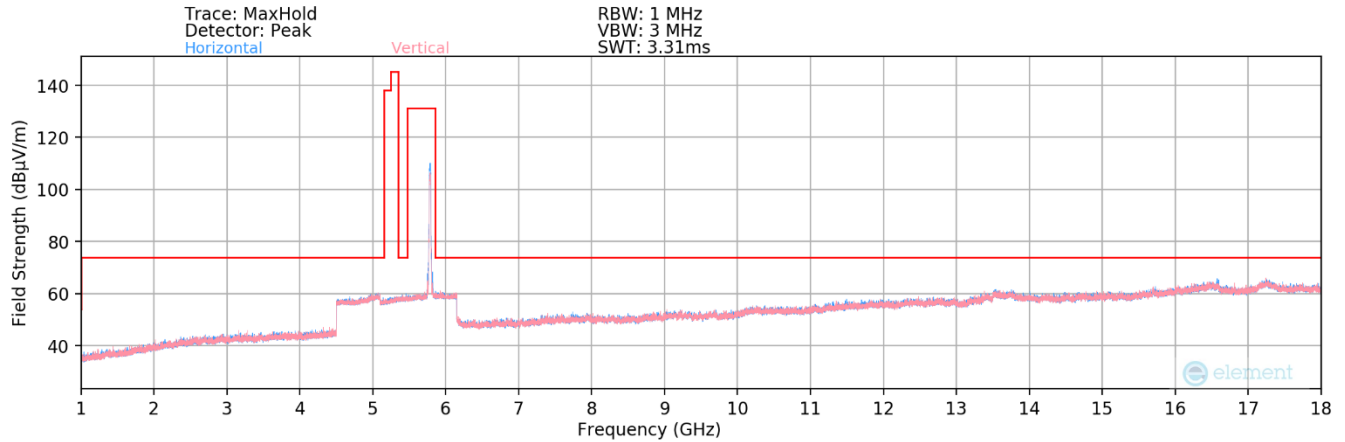
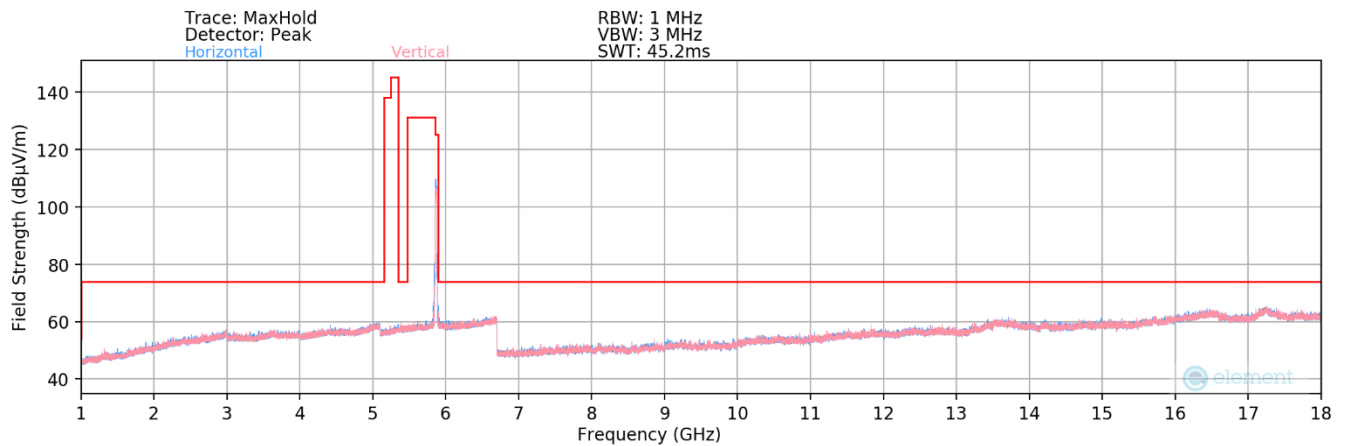
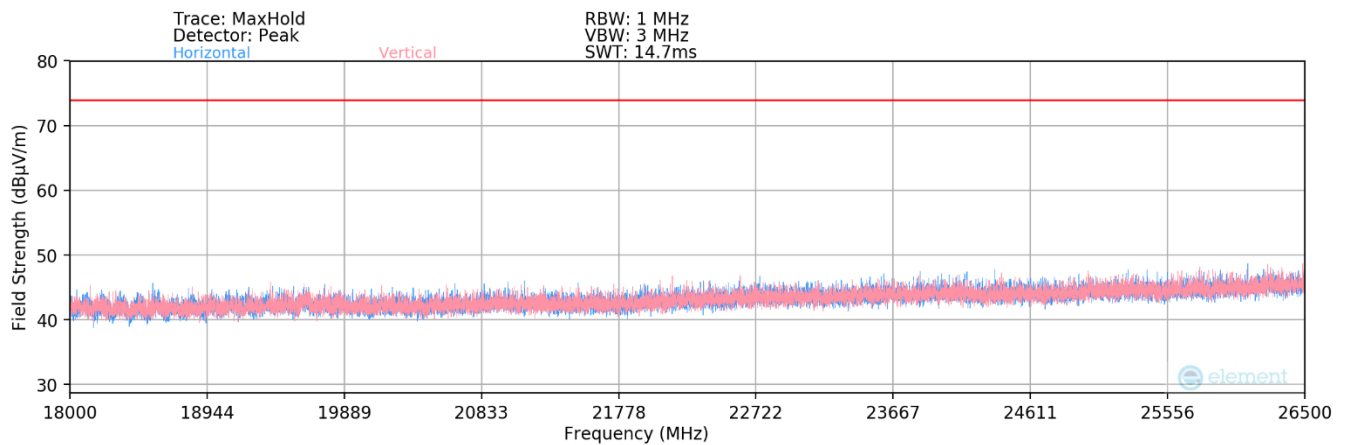




Plot 7-100. Radiated Spurious Plot above 1GHz MIMO (802.11ax –UNII 3 Ch. 157)

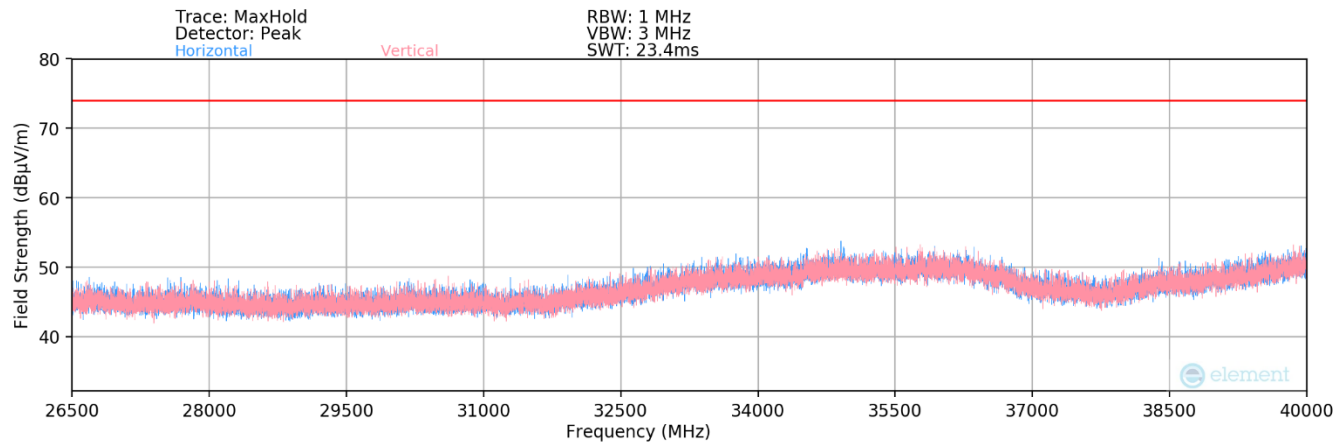


Plot 7-101. Radiated Spurious Plot above 1GHz MIMO (802.11ax –UNII 4 Ch. 173)



Plot 7-102. Radiated Spurious Plot 18GHz - 26.5GHz (802.11ax)

FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2505130049-08.A3L	Test Dates: 6/3 - 7/17/2025	EUT Type: Portable Tablet	Page 89 of 111



Plot 7-103. Radiated Spurious Plot 26.5GHz - 40GHz (802.11ax)

FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2505130049-08.A3L	Test Dates: 6/3 - 7/17/2025	EUT Type: Portable Tablet	Page 90 of 111

MIMO Radiated Spurious Emission Measurements (242 Tones) –UNII 1

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 RU 242T	MIMO	1	36	5180	61		10360.00	Peak	V	-	-	-73.09	16.34	0.00	50.25	68.20	-17.95
						*	15540.00	Average	V	-	-	-82.69	23.50	0.00	47.81	53.98	-6.17
							15540.00	Peak	V	-	-	-72.29	23.50	0.00	58.21	73.98	-15.77
						*	20720.00	Average	V	-	-	-54.54	2.48	-9.54	45.40	53.98	-8.57
						*	20720.00	Peak	V	-	-	-44.10	2.48	-9.54	55.85	73.98	-18.13
							25900.00	Peak	V	-	-	-43.80	4.78	-9.54	58.44	68.20	-9.76
			40	5200	61		10400.00	Peak	V	-	-	-71.14	16.48	0.00	52.34	68.20	-15.86
						*	15600.00	Average	V	-	-	-82.08	23.70	0.00	48.62	53.98	-5.36
						*	15600.00	Peak	V	-	-	-71.19	23.70	0.00	59.51	73.98	-14.47
						*	20800.00	Average	V	-	-	-54.44	2.52	-9.54	45.54	53.98	-8.44
						*	20800.00	Peak	V	-	-	-45.35	2.52	-9.54	54.63	73.98	-19.35
							26000.00	Peak	V	-	-	-44.11	4.78	-9.54	58.14	68.20	-10.06
			48	5240	61		10480.00	Peak	V	-	-	-71.57	16.73	0.00	52.16	68.20	-16.04
						*	15720.00	Average	V	-	-	-82.34	23.78	0.00	48.44	53.98	-5.54
						*	15720.00	Peak	V	-	-	-72.07	23.78	0.00	58.71	73.98	-15.27
							20960.00	Peak	V	-	-	-45.08	2.84	-9.54	55.22	68.20	-12.98
							26200.00	Peak	V	-	-	-43.85	4.91	-9.54	58.52	68.20	-9.68

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

MIMO Radiated Spurious Emission Measurements (242 Tones) – UNII 2A

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 RU 242T	MIMO	2A	52	5260	61		10520.00	Peak	V	-	-	-72.62	16.77	0.00	51.15	68.20	-17.05
						*	15780.00	Average	V	-	-	-82.69	23.77	0.00	48.08	53.98	-5.90
						*	15780.00	Peak	V	-	-	-72.03	23.77	0.00	58.74	73.98	-15.24
						*	21040.00	Average	V	-	-	-54.58	2.92	-9.54	45.81	53.98	-8.17
						*	21040.00	Peak	V	-	-	-45.47	2.92	-9.54	54.92	73.98	-19.06
							26300.00	Peak	V	-	-	-46.34	4.91	-9.54	56.03	68.20	-12.17
			56	5280	61		10560.00	Peak	V	-	-	-72.64	16.98	0.00	51.34	68.20	-16.86
						*	15840.00	Average	V	-	-	-81.94	23.95	0.00	49.01	53.98	-4.97
						*	15840.00	Peak	V	-	-	-71.98	23.95	0.00	58.97	73.98	-15.01
						*	21120.00	Average	V	-	-	-54.48	2.87	-9.54	45.84	53.98	-8.14
						*	21120.00	Peak	V	-	-	-45.08	2.87	-9.54	55.25	73.98	-18.73
							26400.00	Peak	V	-	-	-44.24	4.85	-9.54	58.08	68.20	-10.12
			64	5320	61	*	10640.00	Average	V	-	-	-81.83	17.30	0.00	42.47	53.98	-11.51
						*	10640.00	Peak	V	-	-	-71.47	17.30	0.00	52.83	73.98	-21.15
						*	15960.00	Average	V	-	-	-82.36	24.42	0.00	49.06	53.98	-4.92
						*	15960.00	Peak	V	-	-	-71.45	24.42	0.00	59.97	73.98	-14.01
						*	21280.00	Average	V	-	-	-54.53	2.96	-9.54	45.89	53.98	-8.09
						*	21280.00	Peak	V	-	-	-45.08	2.96	-9.54	55.34	73.98	-18.64
							26600.00	Peak	V	-	-	-44.63	5.05	-9.54	57.88	68.20	-10.32

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

FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT				Approved by: Technical Manager	
Test Report S/N: 1M2505130049-08.A3L	Test Dates: 6/3 - 7/17/2025	EUT Type: Portable Tablet			Page 91 of 111	

MIMO Radiated Spurious Emission Measurements (242 Tones) – UNII 2C

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 RU 242T	MIMO	2C	100	5500	61	*	11000.00	Average	V	-	-	-81.42	17.72	0.00	43.30	53.98	-10.68
						*	11000.00	Peak	V	-	-	-70.77	17.72	-9.54	44.41	73.98	-29.57
							16500.00	Peak	V	-	-	-71.01	25.70	-9.54	52.15	68.20	-16.05
							22000.00	Peak	V	-	-	-45.46	3.01	-9.54	55.01	68.20	-13.19
							27500.00	Peak	V	-	-	-44.55	5.00	-9.54	57.92	68.20	-10.28
			120	5600	61	*	11200.00	Average	V	-	-	-81.45	17.71	0.00	43.26	53.98	-10.72
						*	11200.00	Peak	V	-	-	-70.68	17.71	0.00	54.03	73.98	-19.95
							16800.00	Peak	V	-	-	-72.14	25.37	0.00	60.23	68.20	-7.97
						*	22400.00	Average	V	-	-	-54.17	3.44	-9.54	46.74	53.98	-7.24
						*	22400.00	Peak	V	-	-	-45.61	3.44	-9.54	55.30	73.98	-18.68
			144	5720	61		28000.00	Peak	V	-	-	-45.11	5.31	-9.54	57.66	68.20	-10.54
						*	11440.00	Average	V	-	-	-81.35	18.23	0.00	43.88	53.98	-10.10
						*	11440.00	Peak	V	-	-	-70.83	18.23	0.00	54.40	73.98	-19.58
							17160.00	Peak	V	-	-	-72.45	25.61	0.00	60.16	68.20	-8.04
						*	22880.00	Average	V	-	-	-54.20	3.60	-9.54	46.86	53.98	-7.12
						*	22880.00	Peak	V	-	-	-45.52	3.60	-9.54	55.54	73.98	-18.44
							28600.00	Peak	V	-	-	-45.15	5.30	-9.54	57.61	68.20	-10.59

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

MIMO Radiated Spurious Emission Measurements (242 Tones) –UNII 3

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 RU 242T	MIMO	3	149	5745	61	*	11490.00	Average	V	-	-	-81.88	18.54	0.00	43.66	53.98	-10.32
						*	11490.00	Peak	V	-	-	-71.87	18.54	0.00	53.67	73.98	-20.31
							17235.00	Peak	V	-	-	-72.25	26.00	0.00	60.75	68.20	-7.45
						*	22980.00	Average	V	-	-	-54.19	3.63	-9.54	46.90	53.98	-7.08
						*	22980.00	Peak	V	-	-	-46.27	3.63	-9.54	54.82	73.98	-19.16
			157	5785	61		28725.00	Peak	V	-	-	-45.35	5.24	-9.54	57.35	68.20	-10.85
						*	11570.00	Average	V	-	-	-81.95	18.38	0.00	43.43	53.98	-10.55
						*	11570.00	Peak	V	-	-	-71.50	18.38	0.00	53.88	73.98	-20.10
							17355.00	Peak	V	-	-	-72.59	27.29	0.00	61.70	68.20	-6.50
							23140.00	Peak	V	-	-	-44.94	3.75	-9.54	56.27	68.20	-11.93
			165	5825	61		28925.00	Peak	V	-	-	-45.21	5.12	-9.54	57.37	68.20	-10.83
						*	11650.00	Average	V	-	-	-81.56	18.28	0.00	43.72	53.98	-10.26
						*	11650.00	Peak	V	-	-	-71.04	18.28	0.00	54.24	73.98	-19.74
							17475.00	Peak	V	-	-	-73.29	26.78	0.00	60.49	68.20	-7.71
							23300.00	Peak	V	-	-	-44.99	3.73	-9.54	56.20	68.20	-12.00
							29125.00	Peak	V	-	-	-45.27	5.23	-9.54	57.42	68.20	-10.78

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

FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2505130049-08.A3L	Test Dates: 6/3 - 7/17/2025	EUT Type: Portable Tablet		Page 92 of 111

MIMO Radiated Spurious Emission Measurements (242 Tones) –UNII 4

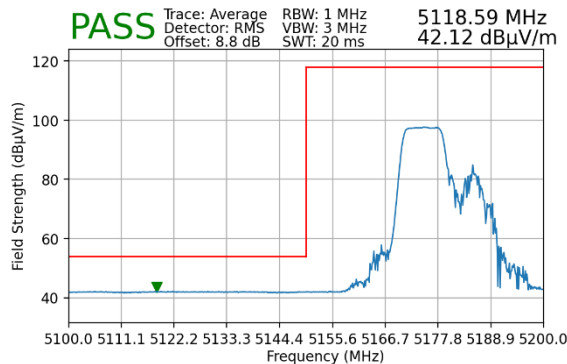
Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
802.11ax RU 242T	MIMO	4	169	5845	61	*	11690.00	Average	V	-	-	-82.43	18.71	0.00	43.28	53.98	-10.70
						*	11690.00	Peak	V	-	-	-71.39	18.71	0.00	54.32	73.98	-19.66
							17535.00	Peak	V	-	-	-73.05	26.83	0.00	60.78	68.20	-7.42
							23380.00	Peak	V	-	-	-45.97	3.80	-9.54	55.29	68.20	-12.91
							29225.00	Peak	V	-	-	-45.11	5.22	-9.54	57.57	68.20	-10.63
							35070.00	Peak	V	-	-	-44.54	9.52	-9.54	62.44	68.20	-5.76
			173	5865	61	*	11730.00	Average	V	-	-	-82.04	18.40	0.00	43.36	53.98	-10.62
						*	11730.00	Peak	V	-	-	-71.71	18.40	0.00	53.69	73.98	-20.29
							17595.00	Peak	V	-	-	-72.75	26.78	0.00	61.03	68.20	-7.17
							23460.00	Peak	V	-	-	-48.62	3.86	-9.54	52.70	68.20	-15.50
							29325.00	Peak	V	-	-	-44.64	5.14	-9.54	57.96	68.20	-10.24
							35190.00	Peak	V	-	-	-45.14	9.61	-9.54	61.92	68.20	-6.28
			177	5885	61	*	11770.00	Average	V	-	-	-82.34	18.55	0.00	43.21	53.98	-10.77
						*	11770.00	Peak	V	-	-	-72.01	18.55	0.00	53.54	73.98	-20.44
							17655.00	Peak	V	-	-	-71.39	26.68	0.00	62.29	68.20	-5.91
							23540.00	Peak	V	-	-	-45.22	4.01	-9.54	56.25	68.20	-11.95
							29425.00	Peak	V	-	-	-44.82	5.11	-9.54	57.75	68.20	-10.45
							35310.00	Peak	V	-	-	-44.07	9.72	-9.54	63.12	68.20	-5.08

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

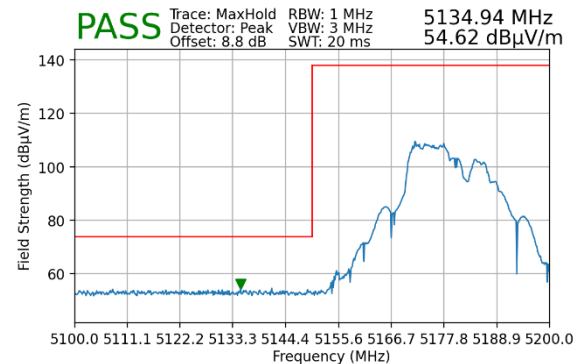
FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2505130049-08.A3L	Test Dates: 6/3 - 7/17/2025	EUT Type: Portable Tablet	Page 93 of 111

7.6.3 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:	5180MHz
Channel:	36

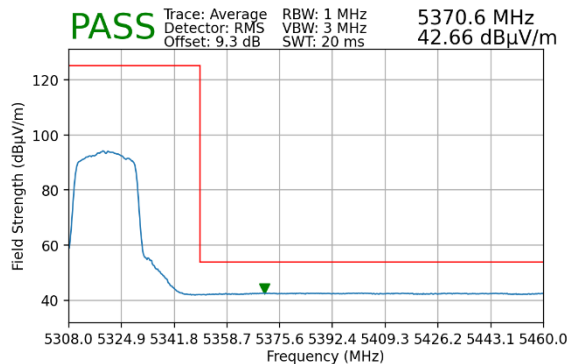


Plot 7-104. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 106 Tones)

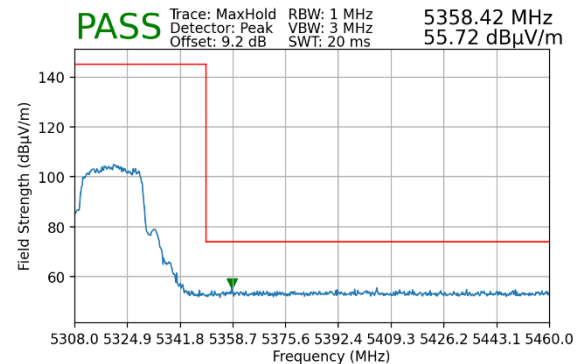


Plot 7-105. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 106 Tones)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	54
Distance of Measurements:	3 Meters
Operating Frequency:	5320MHz
Channel:	64



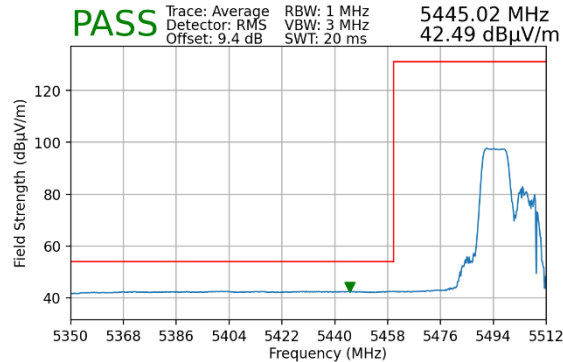
Plot 7-106. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 106 Tones)



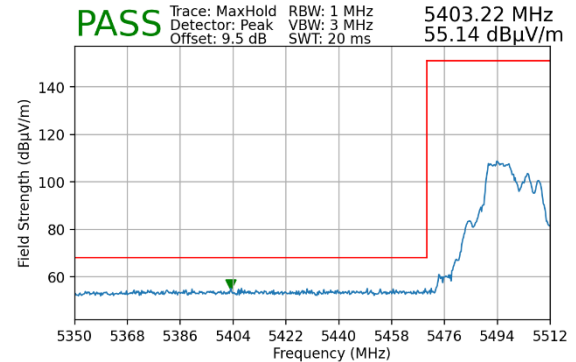
Plot 7-107. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 106 Tones)

FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2505130049-08.A3L	Test Dates: 6/3 - 7/17/2025	EUT Type: Portable Tablet	Page 94 of 111

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	53
Distance of Measurements:	3 Meters
Operating Frequency:	5500MHz
Channel:	100

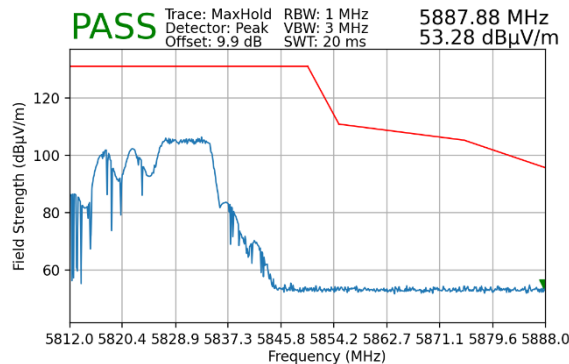


**Plot 7-108. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C – 106 Tones)**



**Plot 7-109. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 2C – 106 Tones)**

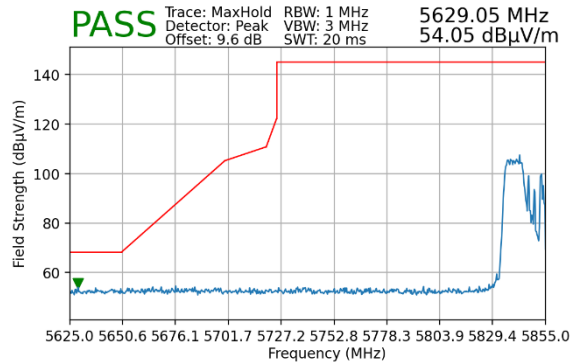
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	54
Distance of Measurements:	3 Meters
Operating Frequency:	5825MHz
Channel:	165



**Plot 7-110. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 3 – 106 Tones)**

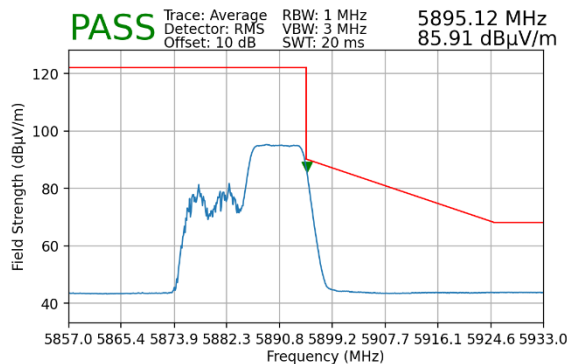
FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2505130049-08.A3L	Test Dates: 6/3 - 7/17/2025	EUT Type: Portable Tablet	Page 95 of 111

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 53
 Distance of Measurements: 3 Meters
 Operating Frequency: 5845MHz
 Channel: 169

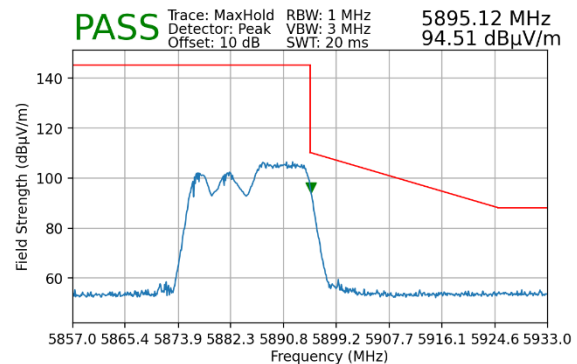


**Plot 7-111. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 4 – 106 Tones)**

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 3 Meters
 Operating Frequency: 5885MHz
 Channel: 177



**Plot 7-112. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 4 – 106 Tones)**

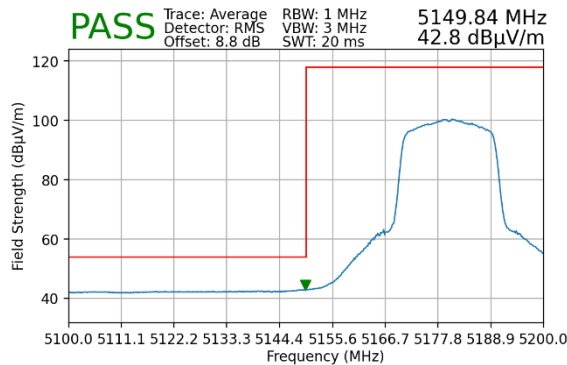


**Plot 7-113. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 4 – 106 Tones)**

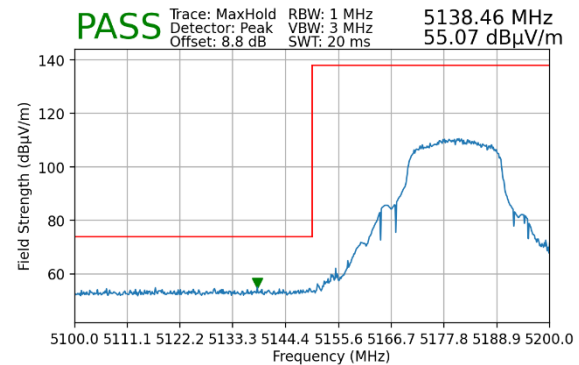
FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2505130049-08.A3L	Test Dates: 6/3 - 7/17/2025	EUT Type: Portable Tablet	Page 96 of 111

7.6.4 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:	5180MHz
Channel:	36

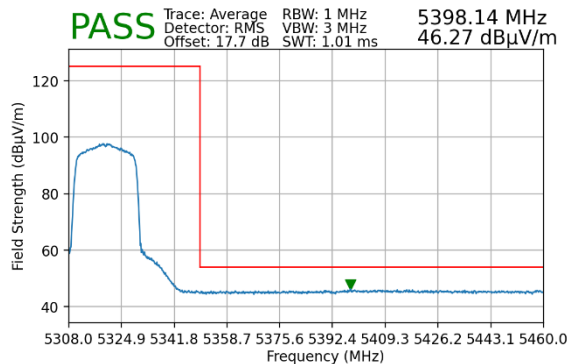


Plot 7-114. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 242 Tones)

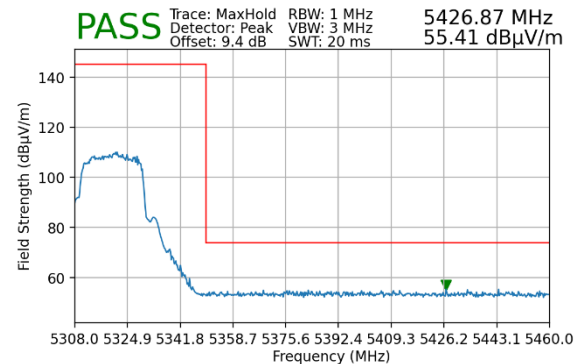


Plot 7-115. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 242 Tones)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5320MHz
Channel:	64



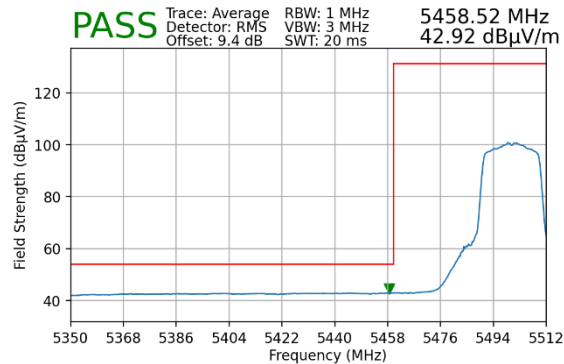
Plot 7-116. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 242 Tones)



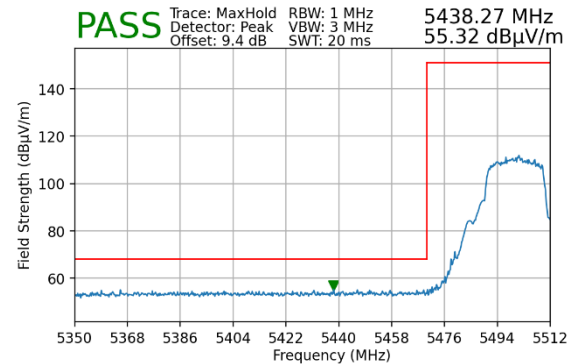
Plot 7-117. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 242 Tones)

FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2505130049-08.A3L	Test Dates: 6/3 - 7/17/2025	EUT Type: Portable Tablet	Page 97 of 111

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5500MHz
Channel:	100

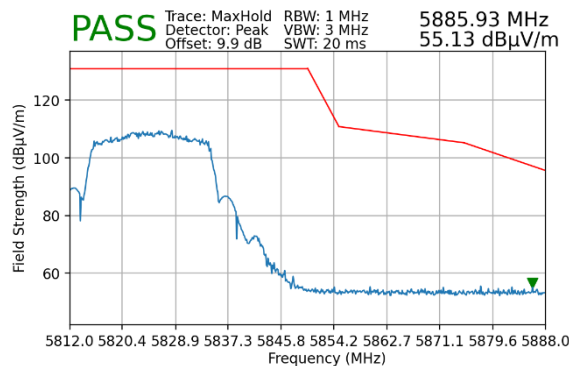


**Plot 7-118. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C – 242 Tones)**



**Plot 7-119. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 2C – 242 Tones)**

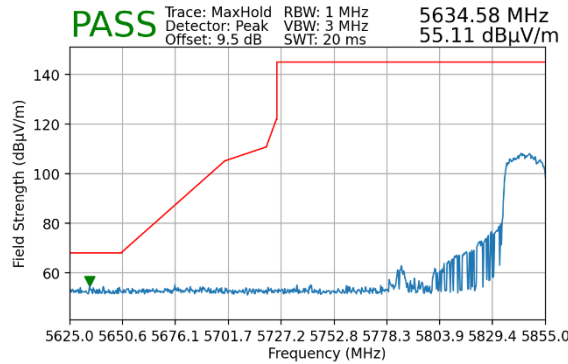
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5825MHz
Channel:	165



**Plot 7-120. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 3 – 242 Tones)**

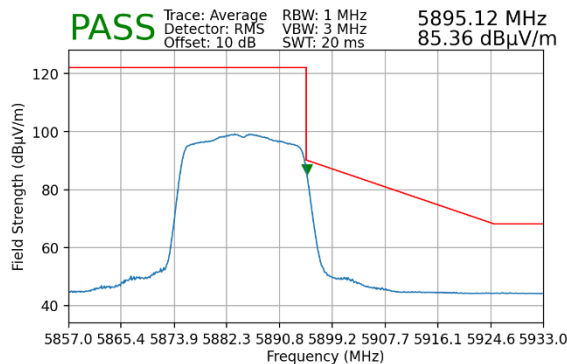
FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2505130049-08.A3L	Test Dates: 6/3 - 7/17/2025	EUT Type: Portable Tablet	Page 98 of 111

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5845MHz
Channel:	169

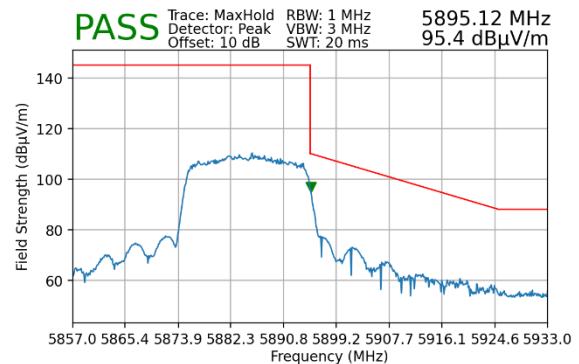


Plot 7-121. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – 242 Tones)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5885MHz
Channel:	177



Plot 7-122. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4 – 242 Tones)

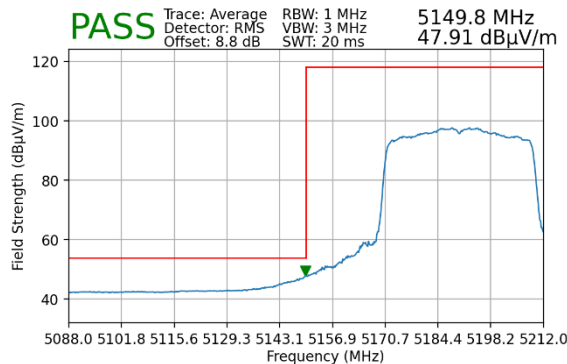


Plot 7-123. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4 – 242 Tones)

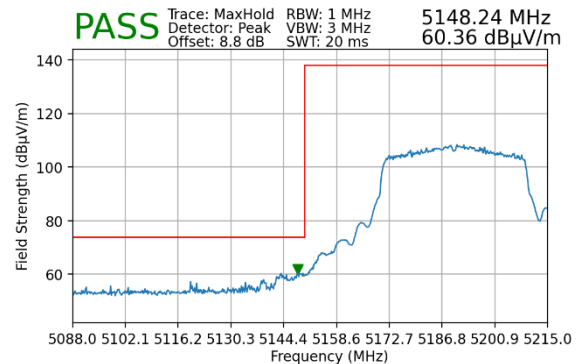
FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2505130049-08.A3L	Test Dates: 6/3 - 7/17/2025	EUT Type: Portable Tablet	Page 99 of 111

7.6.5 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:	5190MHz
Channel:	38

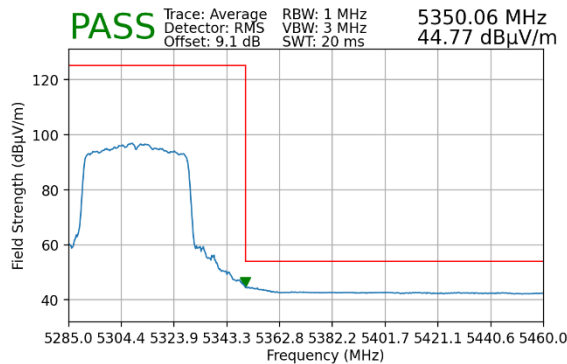


Plot 7-124. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 484 Tones)

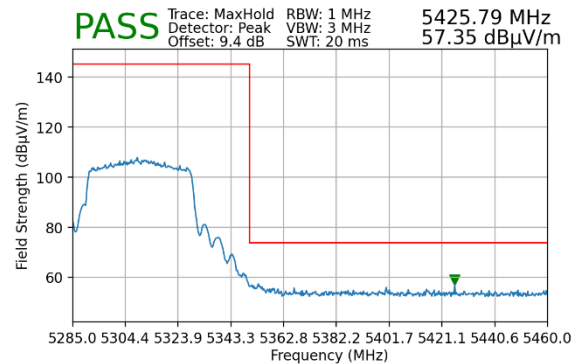


Plot 7-125. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 484 Tones)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	65
Distance of Measurements:	3 Meters
Operating Frequency:	5310MHz
Channel:	62



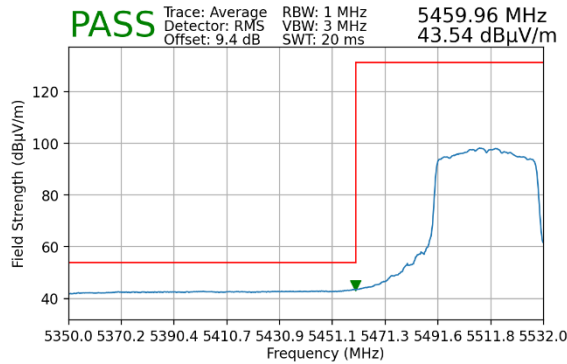
Plot 7-126. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 484 Tones)



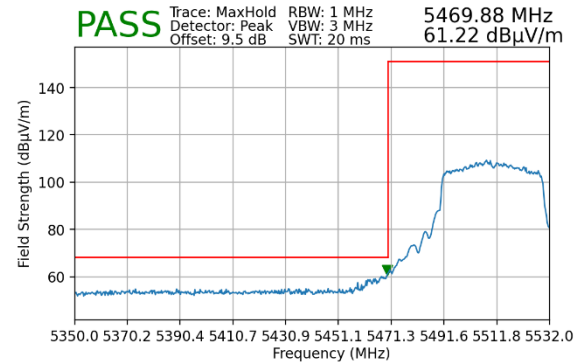
Plot 7-127. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 484 Tones)

FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2505130049-08.A3L	Test Dates: 6/3 - 7/17/2025	EUT Type: Portable Tablet	Page 100 of 111

Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 65
 Distance of Measurements: 3 Meters
 Operating Frequency: 5510MHz
 Channel: 102

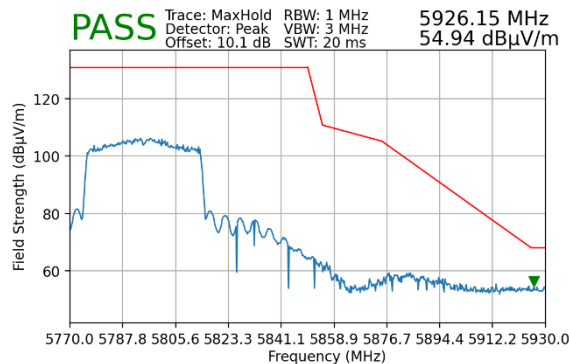


Plot 7-128. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 484 Tones)



Plot 7-129. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 484 Tones)

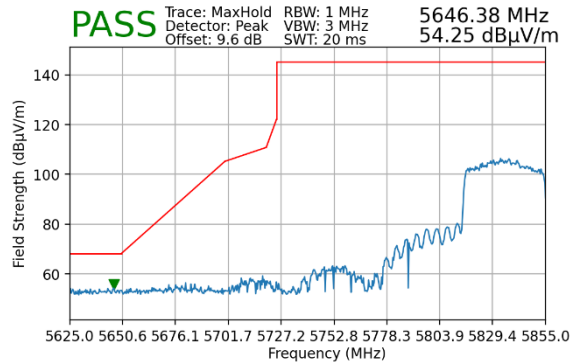
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 65
 Distance of Measurements: 3 Meters
 Operating Frequency: 5795MHz
 Channel: 159



Plot 7-130. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 484 Tones)

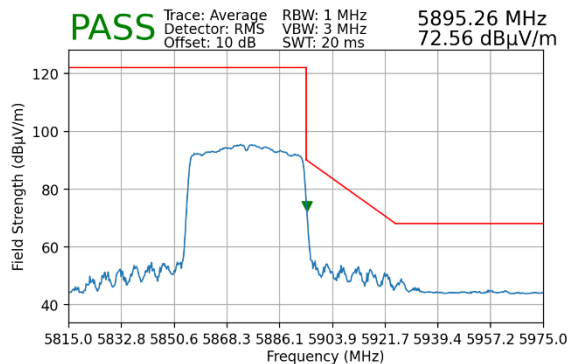
FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2505130049-08.A3L	Test Dates: 6/3 - 7/17/2025	EUT Type: Portable Tablet	Page 101 of 111

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	65
Distance of Measurements:	3 Meters
Operating Frequency:	5835MHz
Channel:	167

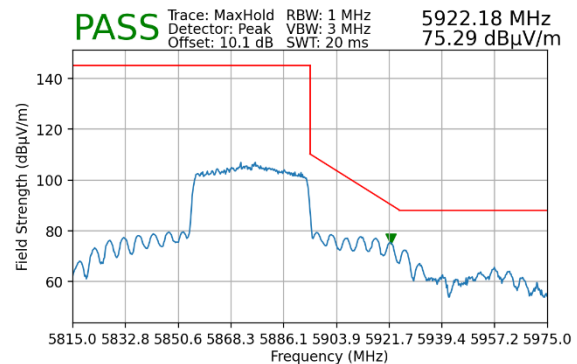


**Plot 7-131. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 4 – 484 Tones)**

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	65
Distance of Measurements:	3 Meters
Operating Frequency:	5875MHz
Channel:	175



**Plot 7-132. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 4 – 484 Tones)**

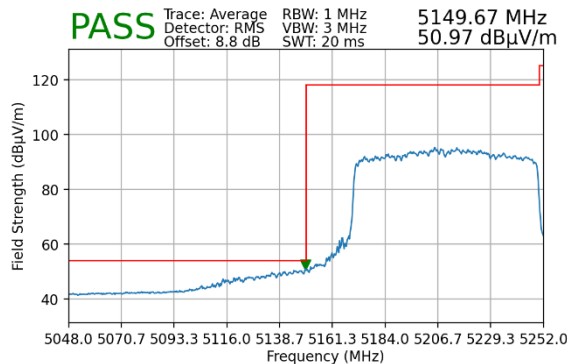


**Plot 7-133. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 4 – 484 Tones)**

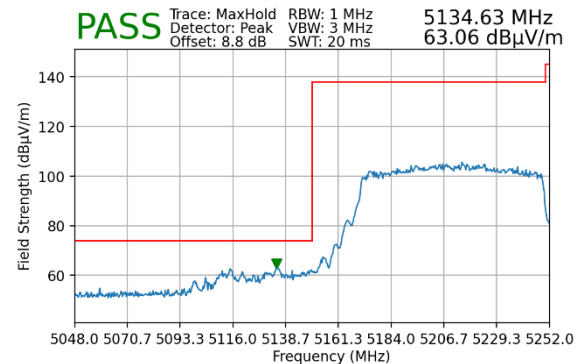
FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2505130049-08.A3L	Test Dates: 6/3 - 7/17/2025	EUT Type: Portable Tablet	Page 102 of 111

7.6.6 MIMO Radiated Band Edge Measurements (80MHz BW – Full Tone – 996T)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5210MHz
Channel:	42

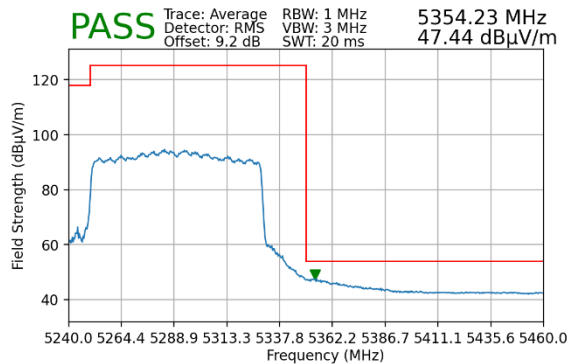


Plot 7-134. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 996 Tones)

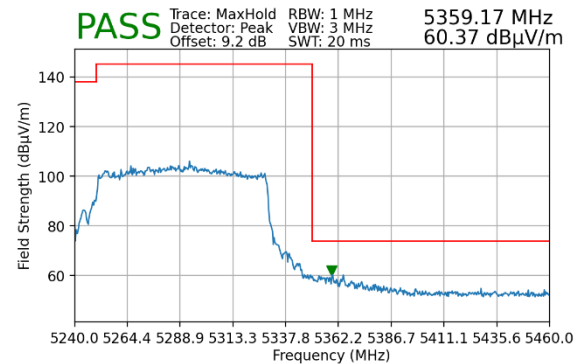


Plot 7-135. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 996 Tones)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5290MHz
Channel:	58



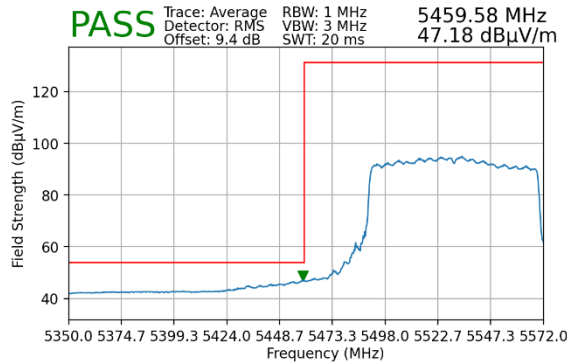
Plot 7-136. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 996 Tones)



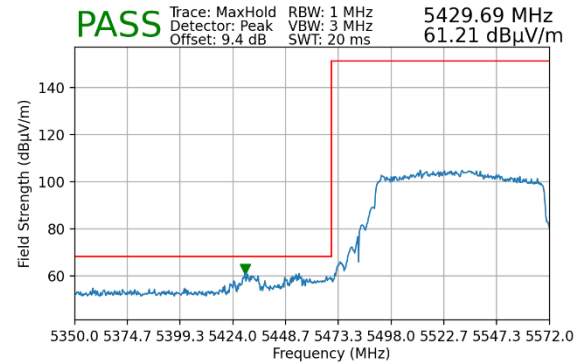
Plot 7-137. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 996 Tones)

FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT		Approved by: Technical Manager
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Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 67
 Distance of Measurements: 3 Meters
 Operating Frequency: 5530MHz
 Channel: 106

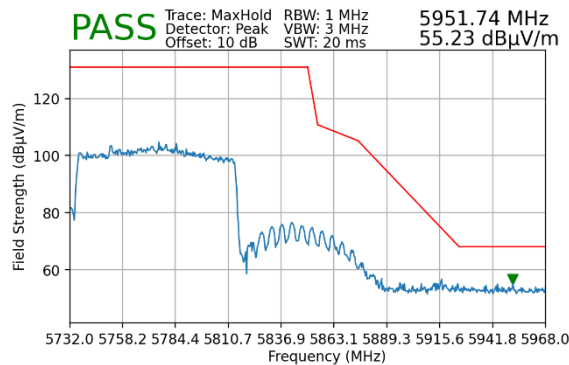


**Plot 7-138. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C – 996 Tones)**



**Plot 7-139. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 2C – 996 Tones)**

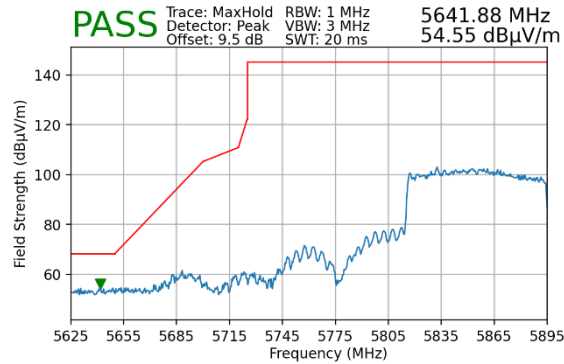
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 67
 Distance of Measurements: 3 Meters
 Operating Frequency: 5775MHz
 Channel: 155



**Plot 7-140. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 3 – 996 Tones)**

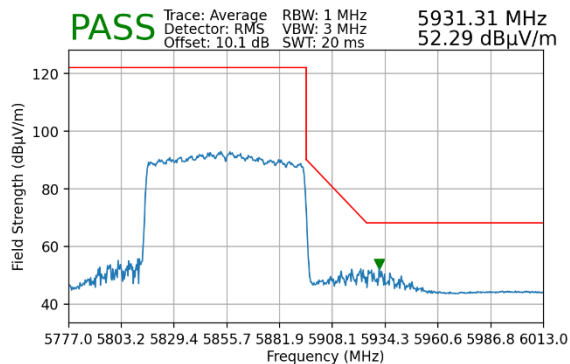
FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2505130049-08.A3L	Test Dates: 6/3 - 7/17/2025	EUT Type: Portable Tablet	Page 104 of 111

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5855MHz
Channel:	171

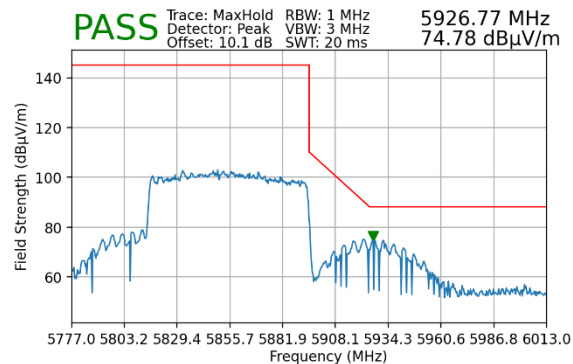


Plot 7-141. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – 996 Tones)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5855MHz
Channel:	171



Plot 7-142. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4 – 996 Tones)

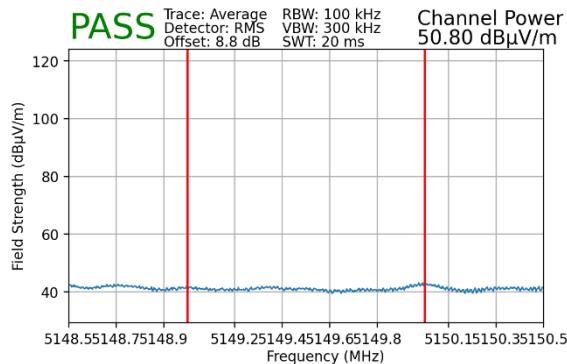


Plot 7-143. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4 – 996 Tones)

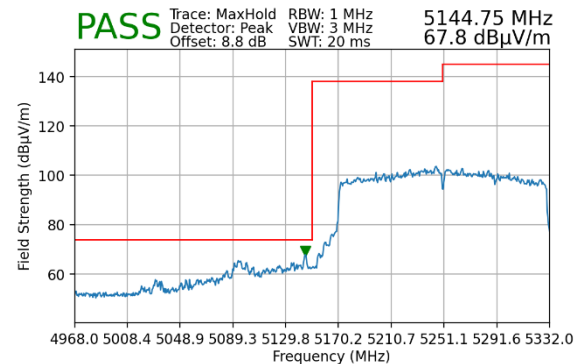
FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2505130049-08.A3L	Test Dates: 6/3 - 7/17/2025	EUT Type: Portable Tablet	Page 105 of 111

7.6.7 MIMO Radiated Band Edge Measurements (160MHz BW – Full Tone – 2x996T)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	68
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50

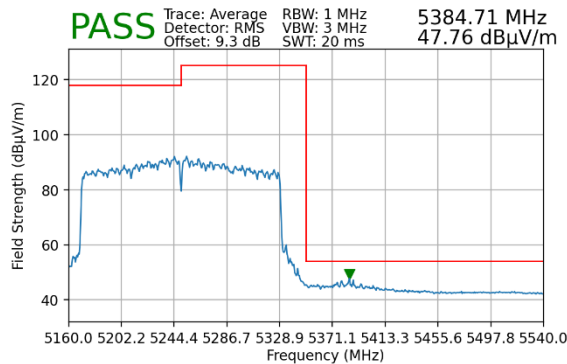


Plot 7-144. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 2x996 Tones)

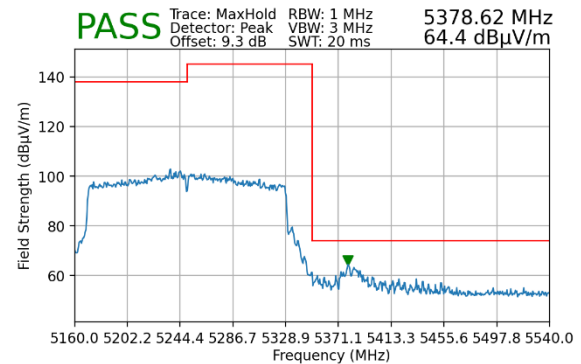


Plot 7-145. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 2x996 Tones)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	68
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50



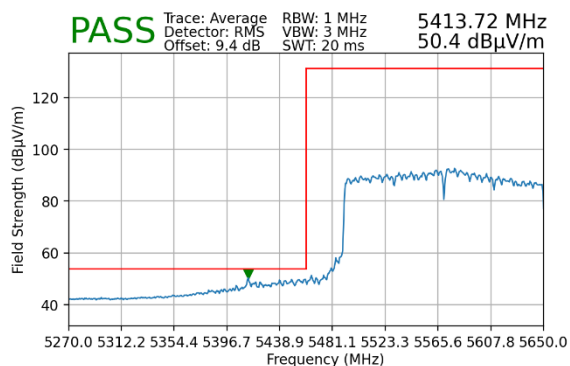
Plot 7-146. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 2x996 Tones)



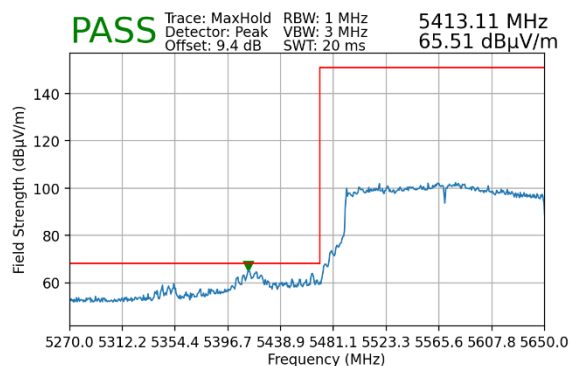
Plot 7-147. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 2x996 Tones)

FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2505130049-08.A3L	Test Dates: 6/3 - 7/17/2025	EUT Type: Portable Tablet	Page 106 of 111

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	68
Distance of Measurements:	3 Meters
Operating Frequency:	5570MHz
Channel:	114



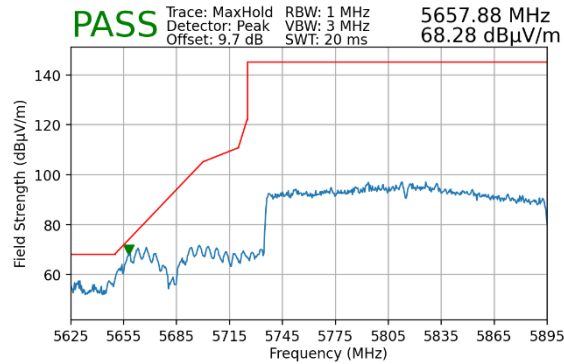
**Plot 7-148. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C – 2x996 Tones)**



**Plot 7-149. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 2C – 2x996 Tones)**

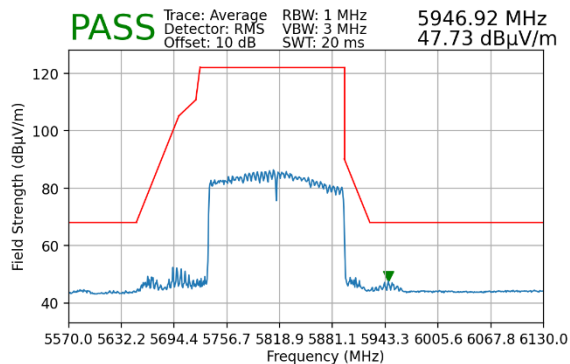
FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2505130049-08.A3L	Test Dates: 6/3 - 7/17/2025	EUT Type: Portable Tablet	Page 107 of 111

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	68
Distance of Measurements:	3 Meters
Operating Frequency:	5815MHz
Channel:	163

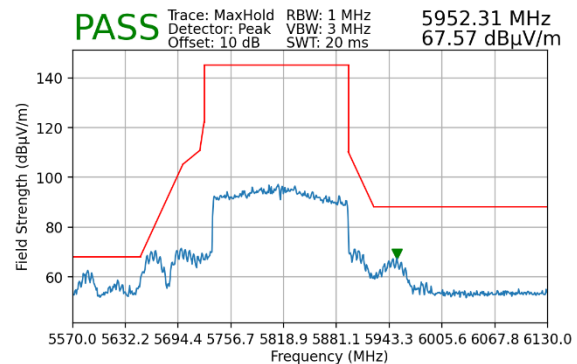


**Plot 7-150. Radiated Lower Band Edge Plot MIMO
(Peak - UNII Band 4 - 2x996 Tones)**

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	68
Distance of Measurements:	3 Meters
Operating Frequency:	5815MHz
Channel:	163



**Plot 7-151. Radiated Upper Band Edge Plot MIMO
(Average - UNII Band 4 - 2x996 Tones)**



**Plot 7-152. Radiated Upper Band Edge Plot MIMO
(Peak - UNII Band 4 - 2x996 Tones)**

FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2505130049-08.A3L	Test Dates: 6/3 - 7/17/2025	EUT Type: Portable Tablet	Page 108 of 111

8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Samsung Portable Tablet FCC ID: A3LSMX730, IC:649E-SMX730** is in compliance with Part 15 Subpart E (15.407) of the FCC Rules and RSS-247 of the ISED Canada Rules. The data referenced from FCC ID: A3LSMX736B (Model SM-X736B) included in this report have been reviewed and are deemed acceptable to support the compliance of **FCC ID: A3LSMX730, IC: 649E-SMX730**.

FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2505130049-08.A3L	Test Dates: 6/3 - 7/17/2025	EUT Type: Portable Tablet	Page 109 of 111

9.0 APPENDIX A – DATA REFERENCING RESULTS

Overview

The spot-check data presented in this section was measured on the variant model following the guidance of the FCC's Data Referencing guidance in KDB 484596 D01 v03. Each spot-check test on the EUT was performed using the same procedure and setting that were used to perform the test on the corresponding reference device. For the worst-case RSE data, the measurement is determined by an actual emission and not by noise floor.

All test cases were performed to verify the variant EUT is still in compliance with the spot-checked results to the reference device and was performed using the guidance of ANSI C63.10-2020.

Notes

- Each spot check test on the EUT was performed using the same procedure and setting that were used to perform the test on the corresponding reference device.

Results

FCC Rules	Test Item	Test Case	Units	Limit	Reference Model: SM-X736B	Variant Model: SM-X730	Deviation (dB)	Max Deviation (dB)	Pass/Fail
2.1046, 15.407(a)(1)(i), 15.407(a)(2), 15.407(a)(3)(i), 15.407(a)(3)(iii)	Conducted Output Power	802.11ax 242T Ch.40	dBm	N/A	13.52	13.18	-0.34	1	PASS
		802.11ax 242T Ch.56	dBm	N/A	13.70	13.36	-0.34	1	PASS
		802.11ax 242T Ch.120	dBm	N/A	13.40	13.00	-0.40	1	PASS
		802.11ax 242T Ch.157	dBm	N/A	13.23	12.74	-0.49	1	PASS
		802.11ax 242T Ch.173	dBm	N/A	13.74	13.06	-0.68	1	PASS
15.209, 15.407(b)(1), 15.407(b)(2), 15.407(b)(3), 15.407(b)(4), 15.407(b)(5)	Radiated Spurious Emissions	802.11ax MIMO 26 Tone MIMO Ch.52 - 10520MHz - Peak	dBm	68.2	51.72	50.53	-1.19	3	PASS
15.209, 15.407(b)(4), 15.407(b)(5)	Radiated Band Edge Emissions	802.11ax MIMO 2x996T Ch.50 - Average	dBuV/m	53.98	50.8	52.87	2.07	3	PASS

Table 9-1. Summary of Spot-checks

Conducted Spot-Checks – SM-X730

20MHz BW	Band	Freq [MHz]	Channel	Tones	Average Conducted Power (dBm)			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Dir. Ant. Gain [dBi]	Max e.i.r.p [dBm]	e.i.r.p Limit [dBm]	e.i.r.p Margin [dB]
					RU Index								
					61								
					ANT1	ANT2	MIMO						
1	2A	5200	40	242T	9.88	10.45	13.18	23.98	-10.80	-4.01	9.17	30.0	-20.83
	2A	5280	56	242T	10.35	10.35	13.36	23.98	-10.62	-3.86	9.50	30.0	-20.50
	2C	5600	120	242T	9.53	10.41	13.00	23.98	-10.98	-3.56	9.44	30.0	-20.56
	3	5785	157	242T	9.26	10.16	12.74	30	-17.26	-3.12	9.62	36.0	-26.38
	4	5865	173	242T	9.55	10.50	13.06	12	-	-3.00	10.06	30.0	-19.94

Table 9-2. Conducted Output Power Measurements (Spot-check)

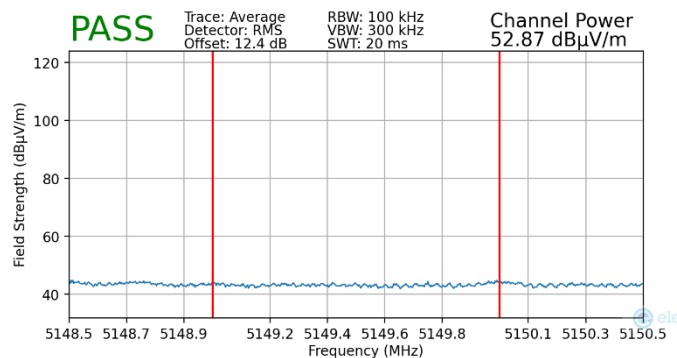
Radiated Spot-Checks – SM-X730

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 [dBuV/m]	Limit [dBuV/m]	Margin [dB]
802.11ax RU126T	MIMO	2A	52	5260	4		10520.00	Peak	H	-	-	-69.48	13.01	0.00	50.53	68.20	-17.67

Table 9-3. RSE Measurements (Spot-check)

FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2505130049-08.A3L	Test Dates: 6/3 - 7/17/2025	EUT Type: Portable Tablet		Page 110 of 111

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	68
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50



**Plot 9-1. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 1 – 2x996 Tones) (Spot-check)**

FCC ID: A3LSMX730 IC: 649E-SMX730	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2505130049-08.A3L	Test Dates: 6/3 - 7/17/2025	EUT Type: Portable Tablet	Page 111 of 111