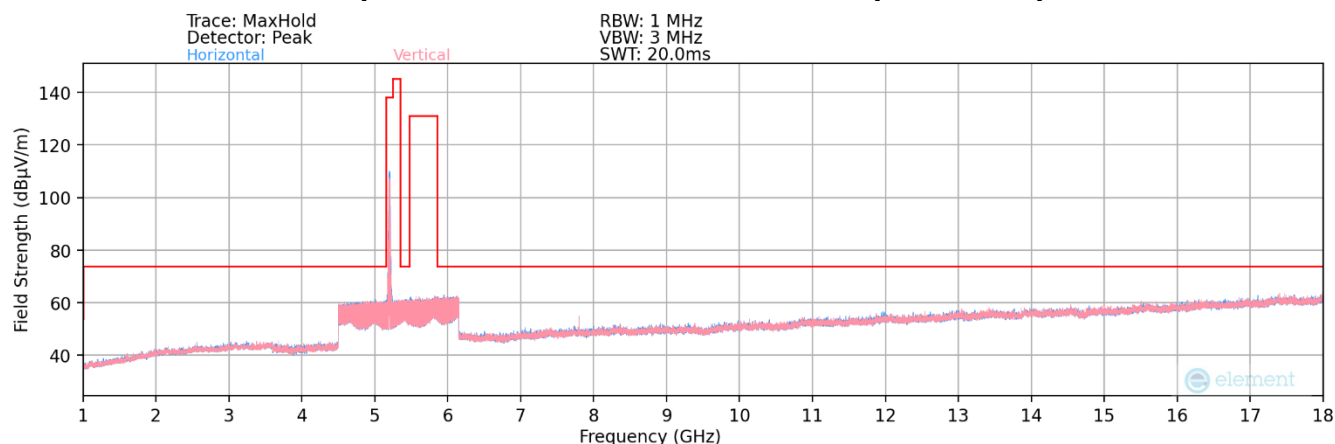
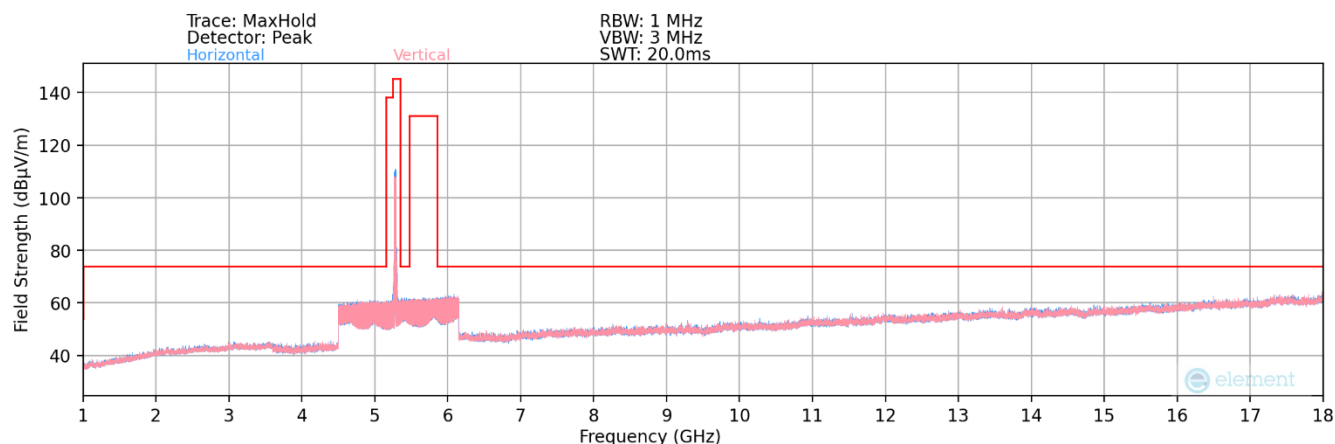


7.6.2 MIMO Radiated Spurious Emission Measurements (242 Tones)

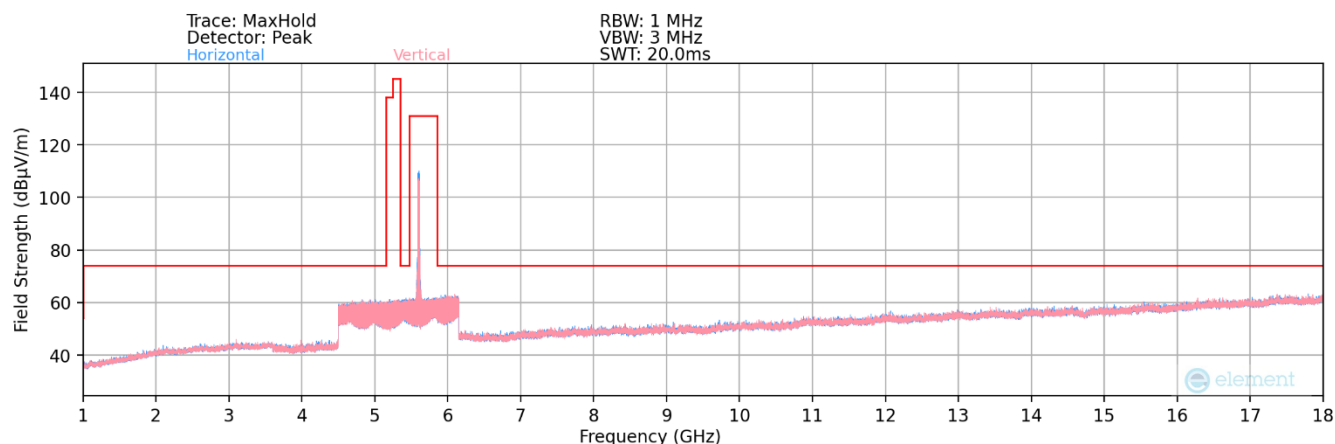


Plot 7-96. Radiated Spurious Plot above 1GHz MIMO (802.11ax – UNII 1 Ch. 40)

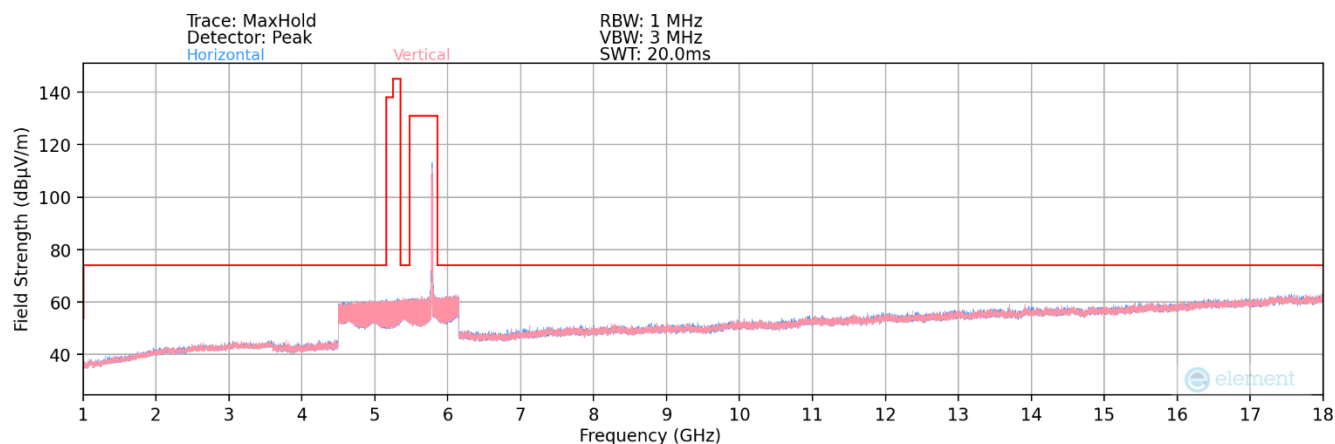


Plot 7-97. Radiated Spurious Plot above 1GHz MIMO (802.11ax – UNII 2A Ch. 56)

FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-19.A3L	Test Dates: 1/6/2025 - 3/5/2025	EUT Type: Portable Handset	Page 88 of 111

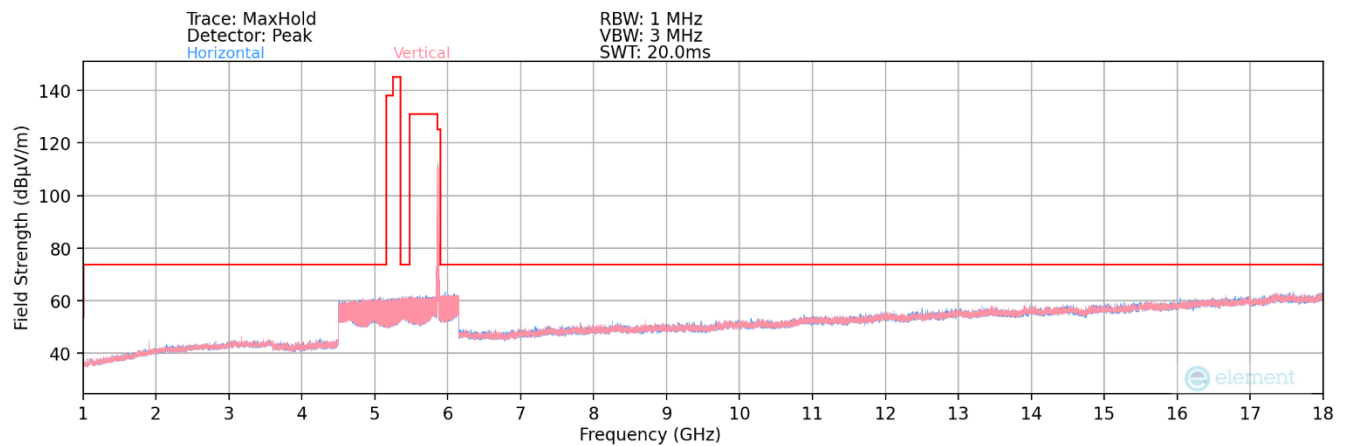


Plot 7-98. Radiated Spurious Plot above 1GHz MIMO (802.11ax – UNII 2C Ch. 120)

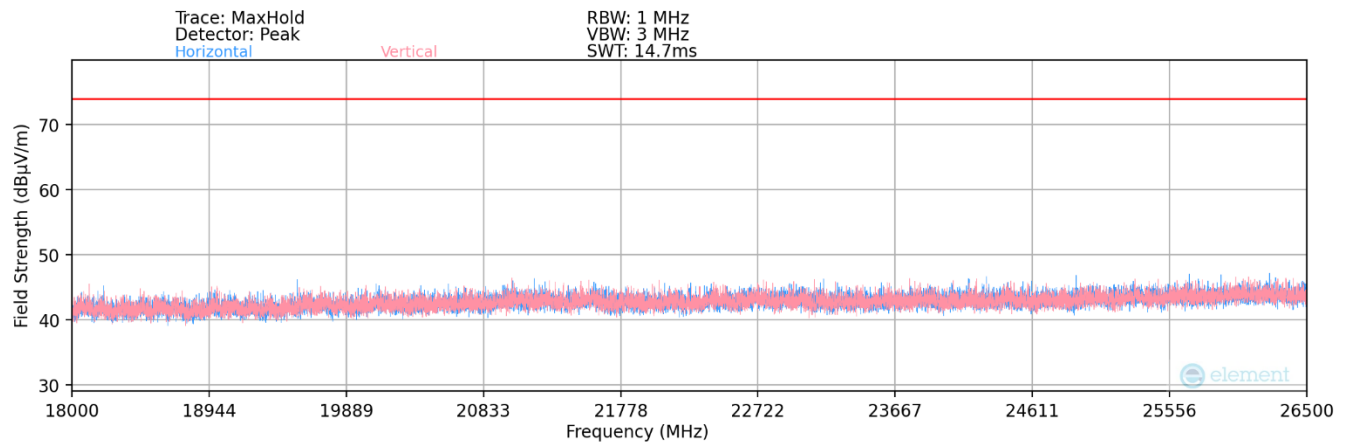


Plot 7-99. Radiated Spurious Plot above 1GHz MIMO (802.11ax – UNII 3 Ch. 157)

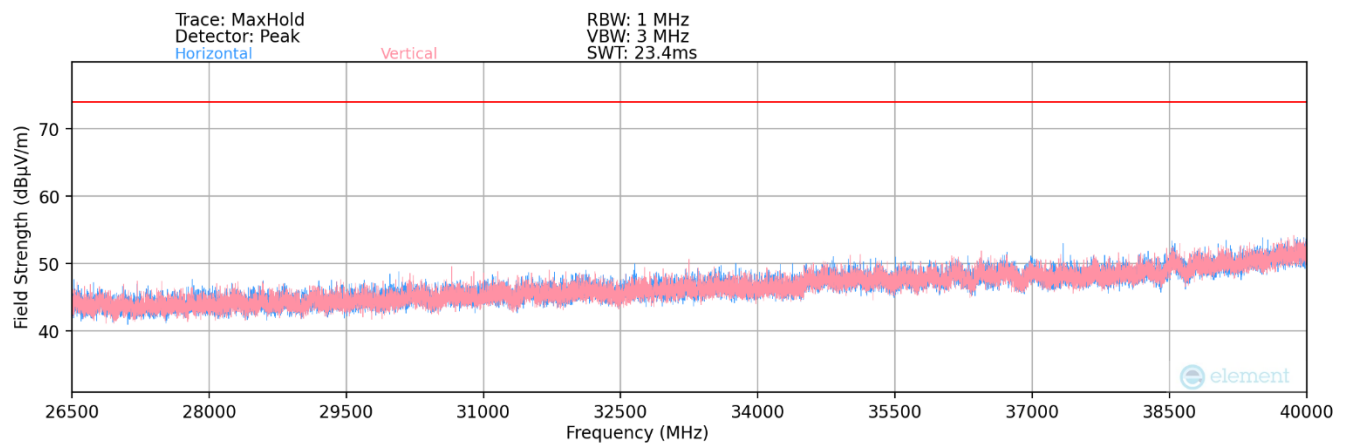
FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-19.A3L	Test Dates: 1/6/2025 - 3/5/2025	EUT Type: Portable Handset	Page 89 of 111



Plot 7-100. Radiated Spurious Plot above 1GHz MIMO (802.11ax – UNII 4 Ch. 173)



Plot 7-101. Radiated Spurious Plot 18GHz - 26.5GHz (802.11ax)



Plot 7-102. Radiated Spurious Plot 26.5GHz - 40GHz (802.11ax)

FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-19.A3L	Test Dates: 1/6/2025 - 3/5/2025	EUT Type: Portable Handset	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	H	133	321	-68.94	16.03	0.00	54.09	68.20	-14.11
						*	15540.00	Average	H	112	19	-80.46	23.04	0.00	49.58	53.98	-4.40
						*	15540.00	Peak	H	112	19	-68.38	23.04	0.00	61.66	73.98	-12.32
						*	20720.00	Average	H	-	-	-65.73	3.16	-9.54	34.89	53.98	-19.09
						*	20720.00	Peak	H	-	-	-55.58	3.16	-9.54	45.04	73.98	-28.94
							25900.00	Peak	H	-	-	-54.79	4.24	-9.54	46.91	68.20	-21.29
			40	5200	61		7770.00	Peak	H	176	311	-62.74	13.11	0.00	57.37	68.20	-10.83
							10400.00	Peak	H	142	321	-69.19	16.25	0.00	54.06	68.20	-14.14
						*	15600.00	Average	H	133	345	-80.38	23.40	0.00	50.02	53.98	-3.96
						*	15600.00	Peak	H	133	345	-67.80	23.40	0.00	62.60	73.98	-11.38
						*	20800.00	Average	H	-	-	-65.07	3.15	-9.54	35.54	53.98	-18.44
						*	20800.00	Peak	H	-	-	-54.55	3.15	-9.54	46.06	73.98	-27.92
			48	5240	61		26000.00	Peak	H	-	-	-55.24	4.16	-9.54	46.39	68.20	-21.81
							7800.00	Peak	H	198	312	-64.38	13.26	0.00	55.88	68.20	-12.32
							10480.00	Peak	H	156	320	-69.28	16.26	0.00	53.98	68.20	-14.22
						*	15720.00	Average	H	108	17	-79.60	23.33	0.00	50.73	53.98	-3.25
						*	15720.00	Peak	H	108	17	-67.24	23.33	0.00	63.09	73.98	-10.89
							20960.00	Peak	H	-	-	-55.75	3.27	-9.54	44.99	68.20	-23.21
							26200.00	Peak	H	-	-	-54.26	3.96	-9.54	47.16	68.20	-21.04
							7860.00	Peak	H	159	308	-64.71	12.71	0.00	55.00	68.20	-13.20

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

FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-19.A3L	Test Dates: 1/6/2025 - 3/5/2025	EUT Type: Portable Handset	Page 91 of 111

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	H	139	325	-68.76	16.33	0.00	54.57	68.20	-13.63
						*	15780.00	Average	H	142	88	-80.11	23.33	0.00	50.22	53.98	-3.76
						*	15780.00	Peak	H	142	88	-67.29	23.33	0.00	63.04	73.98	-10.94
						*	21040.00	Average	H	-	-	-65.78	3.35	-9.54	35.02	53.98	-18.96
						*	21040.00	Peak	H	-	-	-55.79	3.35	-9.54	45.02	73.98	-28.96
							26300.00	Peak	H	-	-	-54.97	3.91	-9.54	46.40	68.20	-21.80
							7180.00	Peak	H	-	-	-68.56	11.52	0.00	49.96	68.20	-18.24
						*	7365.00	Average	H	167	298	-79.51	12.88	0.00	40.37	53.98	-13.61
						*	7365.00	Peak	H	167	298	-68.15	12.88	0.00	51.73	73.98	-22.25
			56	5280	61		10560.00	Peak	H	156	333	-69.41	16.58	0.00	54.17	68.20	-14.03
						*	15840.00	Average	H	152	82	-80.30	23.62	0.00	50.32	53.98	-3.66
						*	15840.00	Peak	H	152	82	-68.55	23.62	0.00	62.07	73.98	-11.91
						*	21120.00	Average	H	-	-	-65.69	3.46	-9.54	35.24	53.98	-18.74
						*	21120.00	Peak	H	-	-	-55.30	3.46	-9.54	45.63	73.98	-28.35
							26400.00	Peak	H	-	-	-55.55	3.71	-9.54	45.62	68.20	-22.58
						*	7392.00	Average	H	166	296	-79.62	12.98	0.00	40.36	53.98	-13.62
						*	7392.00	Peak	H	166	296	-68.03	12.98	0.00	51.95	73.98	-22.03
			64	5320	61	*	10640.00	Average	H	142	325	-80.85	16.85	0.00	43.00	53.98	-10.97
						*	10640.00	Peak	H	142	325	-68.99	16.85	0.00	54.86	73.98	-19.12
						*	15960.00	Average	H	128	87	-80.92	24.02	0.00	50.10	53.98	-3.88
						*	15960.00	Peak	H	128	87	-68.87	24.02	0.00	62.15	73.98	-11.83
						*	21280.00	Average	H	-	-	-65.81	3.58	-9.54	35.23	53.98	-18.75
						*	21280.00	Peak	H	-	-	-55.69	3.58	-9.54	45.35	73.98	-28.63
							26600.00	Peak	H	-	-	-55.56	3.91	-9.54	45.81	68.20	-22.39
						*	7448.00	Average	H	-	-	-79.61	12.39	0.00	39.78	53.98	-14.20
						*	7448.00	Peak	H	-	-	-68.18	12.39	0.00	51.21	73.98	-22.77

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

FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-19.A3L	Test Dates: 1/6/2025 - 3/5/2025	EUT Type: Portable Handset	Page 92 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	H	111	355	-80.32	17.49	0.00	44.17	53.98	-9.81
						*	11000.00	Peak	H	111	355	-70.74	17.49	0.00	53.75	73.98	-20.23
							16500.00	Peak	H	123	109	-69.41	25.00	0.00	62.59	68.20	-5.61
							22000.00	Peak	H	-	-	-56.03	3.53	-9.54	44.96	68.20	-23.24
							27500.00	Peak	H	-	-	-54.97	3.97	-9.54	46.46	68.20	-21.74
							6600.00	Peak	H	133	303	-66.94	10.31	0.00	50.37	68.20	-17.83
			120	5600	61	*	11200.00	Average	H	220	13	-80.22	17.61	0.00	44.39	53.98	-9.59
						*	11200.00	Peak	H	220	13	-69.20	17.61	0.00	55.41	73.98	-18.57
							16800.00	Peak	H	108	86	-69.34	24.98	0.00	62.64	68.20	-5.56
						*	22400.00	Average	H	-	-	-65.50	3.58	-9.54	35.54	53.98	-18.44
						*	22400.00	Peak	H	-	-	-55.22	3.58	-9.54	45.82	73.98	-28.16
							28000.00	Peak	H	-	-	-55.23	4.52	-9.54	46.74	68.20	-21.46
			144	5720	61		6720.00	Peak	H	176	1	-66.52	10.33	0.00	50.81	68.20	-17.39
						*	11440.00	Average	H	174	335	-80.21	18.15	0.00	44.94	53.98	-9.04
						*	11440.00	Peak	H	174	335	-68.87	18.15	0.00	56.28	73.98	-17.70
							17160.00	Peak	H	188	341	-69.56	25.10	0.00	62.54	68.20	-5.66
						*	22880.00	Average	H	-	-	-65.39	3.76	-9.54	35.83	53.98	-18.15
						*	22880.00	Peak	H	-	-	-55.16	3.76	-9.54	46.06	73.98	-27.92
							28600.00	Peak	H	-	-	-55.28	4.96	-9.54	47.14	68.20	-21.06

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

FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-19.A3L	Test Dates: 1/6/2025 - 3/5/2025	EUT Type: Portable Handset	Page 93 of 111

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	H	143	333	-80.64	18.28	0.00	44.64	53.98	-9.34
						*	11490.00	Peak	H	143	333	-68.58	18.28	0.00	56.70	73.98	-17.28
							17235.00	Peak	H	156	13	-69.19	25.51	0.00	63.32	68.20	-4.88
						*	22980.00	Average	H	-	-	-66.01	3.66	-9.54	35.11	53.98	-18.87
						*	22980.00	Peak	H	-	-	-56.01	3.66	-9.54	45.11	73.98	-28.87
							28725.00	Peak	H	-	-	-55.71	5.05	-9.54	46.80	68.20	-21.40
			157	5785	61	*	11570.00	Average	H	222	335	-79.75	18.16	0.00	45.41	53.98	-8.57
						*	11570.00	Peak	H	222	335	-67.67	18.16	0.00	57.49	73.98	-16.49
							17355.00	Peak	H	146	48	-69.52	26.74	0.00	64.22	68.20	-3.98
							23140.00	Peak	H	-	-	-55.47	3.65	-9.54	45.64	68.20	-22.56
							28925.00	Peak	H	-	-	-54.99	4.92	-9.54	47.38	68.20	-20.82
						*	11650.00	Average	H	120	329	-80.28	18.25	0.00	44.97	53.98	-9.01
			165	5825	61	*	11650.00	Peak	H	120	329	-68.47	18.25	0.00	56.78	73.98	-17.20
							17475.00	Peak	H	150	13	-69.24	26.50	0.00	64.26	68.20	-3.94
							23300.00	Peak	H	-	-	-55.30	3.55	-9.54	45.71	68.20	-22.49
							29125.00	Peak	H	-	-	-55.14	5.01	-9.54	47.33	68.20	-20.87

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

FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-19.A3L	Test Dates: 1/6/2025 - 3/5/2025	EUT Type: Portable Handset	Page 94 of 111

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

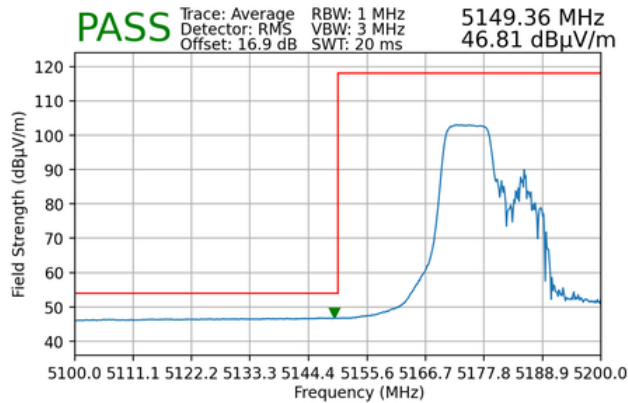
Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax RU 242T	MIMO	4	169	5845	61	*	11690.00	Average	H	198	339	-80.19	18.65	0.00	45.46	53.98	-8.52
						*	11690.00	Peak	H	198	339	-68.76	18.65	0.00	56.89	73.98	-17.09
							17535.00	Peak	H	185	11	-69.73	26.34	0.00	63.61	68.20	-4.59
							23380.00	Peak	H	-	-	-55.69	3.53	-9.54	45.30	68.20	-22.90
							29225.00	Peak	H	-	-	-55.34	5.04	-9.54	47.16	68.20	-21.04
							35070.00	Peak	H	-	-	-54.29	7.60	-9.54	50.76	68.20	-17.44
			173	5865	61	*	11730.00	Average	H	270	337	-80.52	18.20	0.00	44.68	53.98	-9.30
						*	11730.00	Peak	H	270	337	-68.68	18.20	0.00	56.52	73.98	-17.46
							17595.00	Peak	H	108	52	-68.87	26.29	0.00	64.42	68.20	-3.78
							23460.00	Peak	H	-	-	-54.68	3.57	-9.54	46.36	68.20	-21.84
							29325.00	Peak	H	-	-	-54.74	5.14	-9.54	47.86	68.20	-20.34
							35190.00	Peak	H	-	-	-54.22	7.80	-9.54	51.05	68.20	-17.15
			177	5885	61	*	11770.00	Average	H	185	11	-80.79	18.48	0.00	44.69	53.98	-9.29
						*	11770.00	Peak	H	185	11	-69.36	18.48	0.00	56.12	73.98	-17.86
							17655.00	Peak	H	137	53	-69.12	26.16	0.00	64.04	68.20	-4.16
							23540.00	Peak	H	-	-	-54.89	3.57	-9.54	46.14	68.20	-22.06
							29425.00	Peak	H	-	-	-55.49	5.13	-9.54	47.10	68.20	-21.10
							35310.00	Peak	H	-	-	-53.85	7.91	-9.54	51.53	68.20	-16.67

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

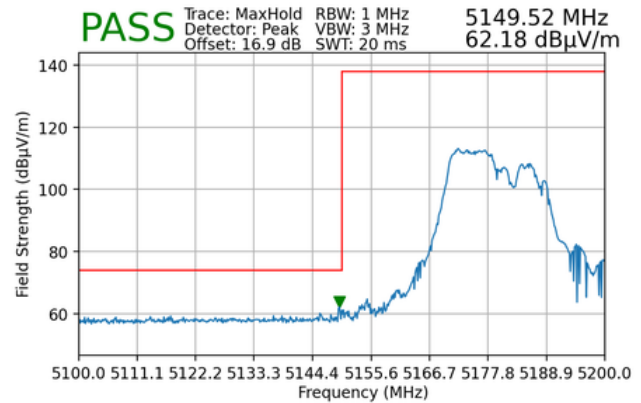
FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-19.A3L	Test Dates: 1/6/2025 - 3/5/2025	EUT Type: Portable Handset	Page 95 of 111

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

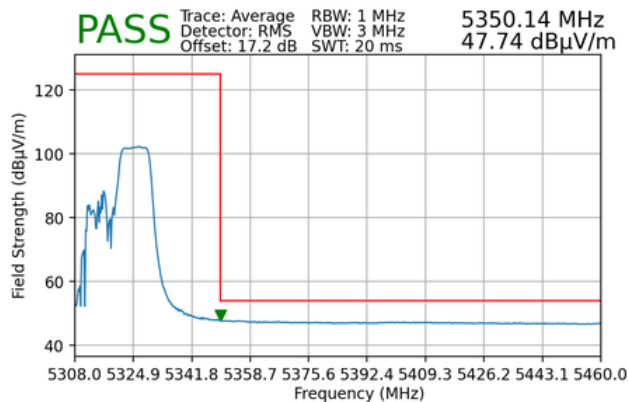


Plot 7-103. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 106 Tones)

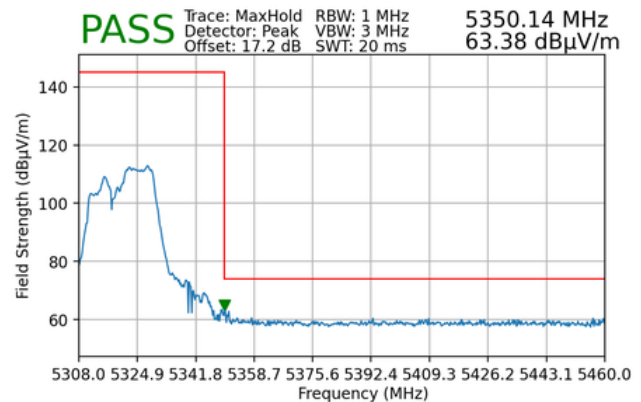


Plot 7-104. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 106 Tones)

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



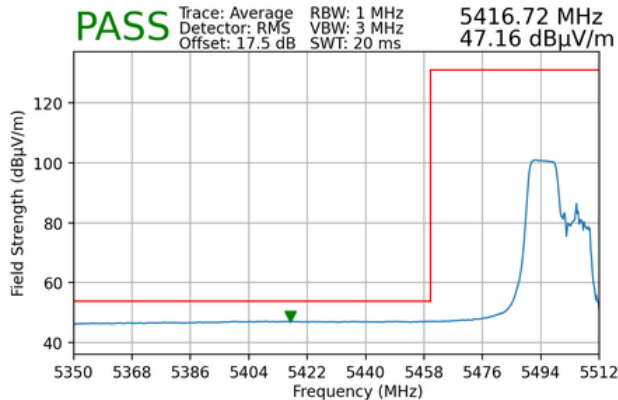
Plot 7-105. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 106 Tones)



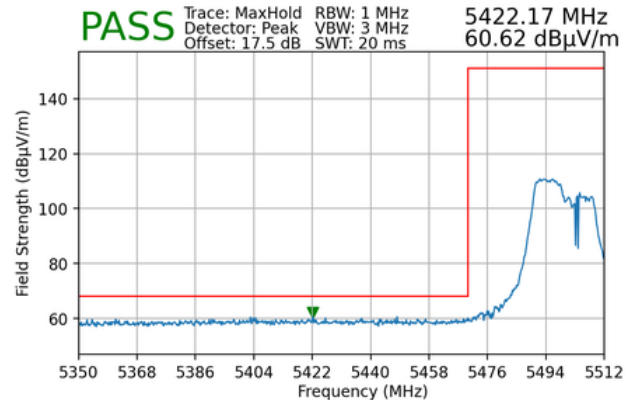
Plot 7-106. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 106 Tones)

FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-19.A3L	Test Dates: 1/6/2025 - 3/5/2025	EUT Type: Portable Handset	Page 96 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

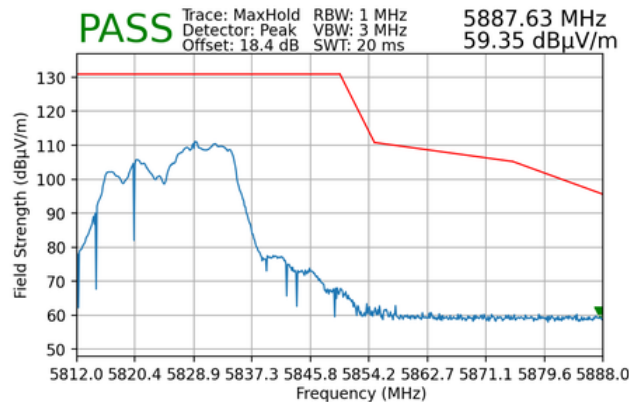


**Plot 7-107. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C – 106 Tones)**



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

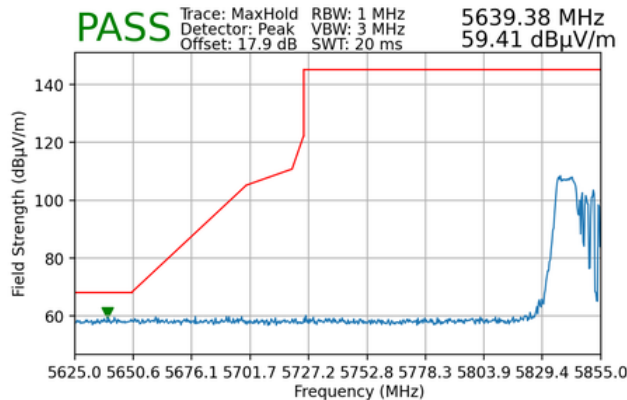
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	54
Distance of Measurements:	3 Meters
Operating Frequency:	5825MHz
Channel:	165



**Plot 7-109. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 3 – 106 Tones)**

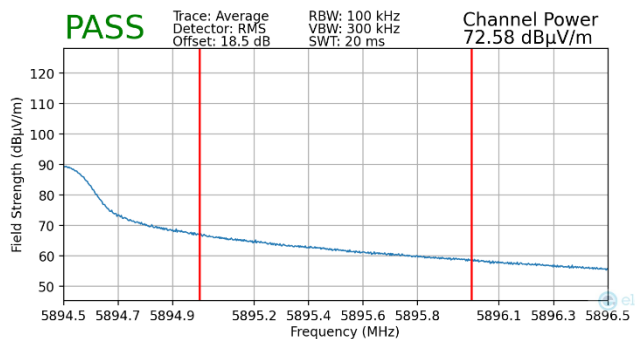
FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-19.A3L	Test Dates: 1/6/2025 - 3/5/2025	EUT Type: Portable Handset	Page 97 of 111

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

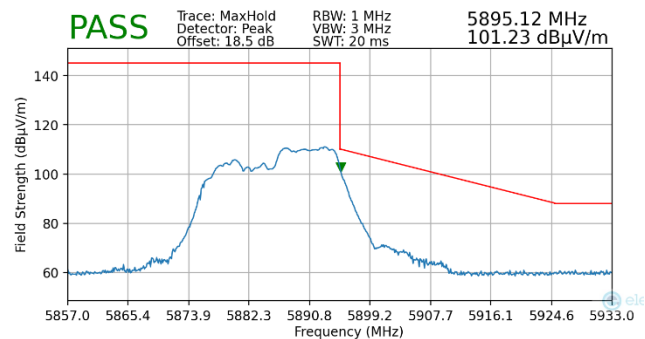


**Plot 7-110. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 4 – 106 Tones)**

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



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

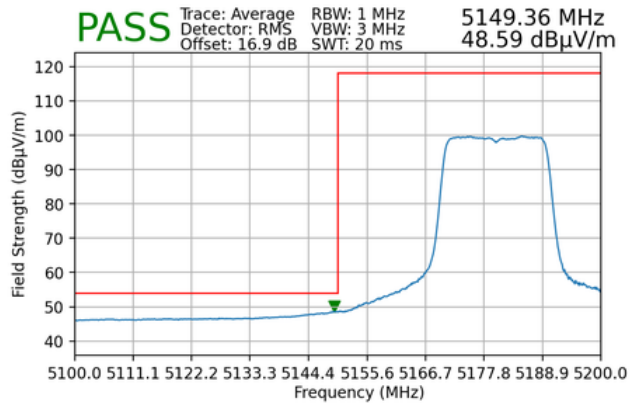


**Plot 7-112. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 4 – 106 Tones)**

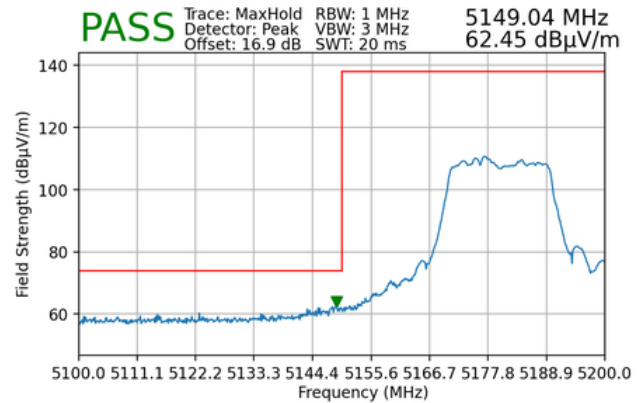
FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-19.A3L	Test Dates: 1/6/2025 - 3/5/2025	EUT Type: Portable Handset	Page 98 of 111

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

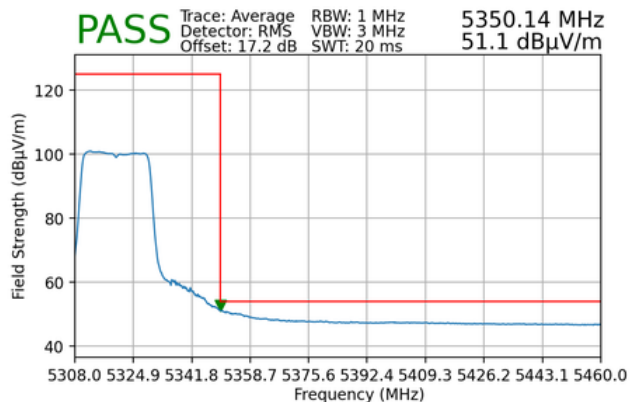


Plot 7-113. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 242 Tones)

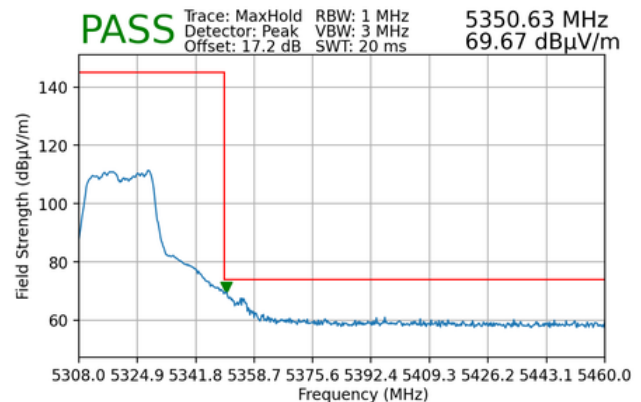


Plot 7-114. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 242 Tones)

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



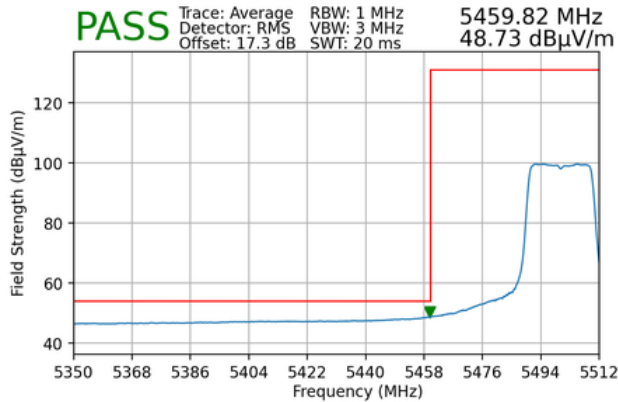
Plot 7-115. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 242 Tones)



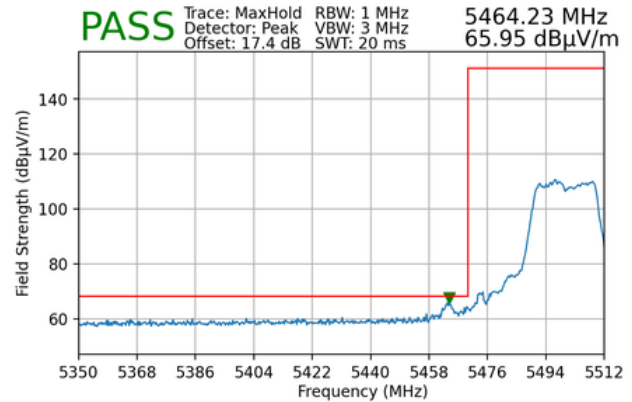
Plot 7-116. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 242 Tones)

FCC ID: A3LSMG766U	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:	3 Meters
Operating Frequency:	5500MHz
Channel:	100

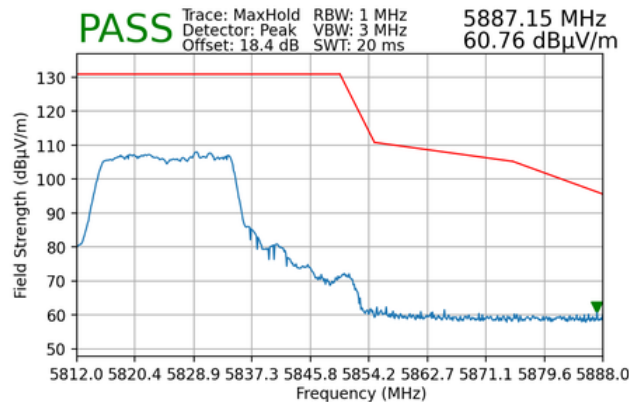


**Plot 7-117. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C – 242 Tones)**



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

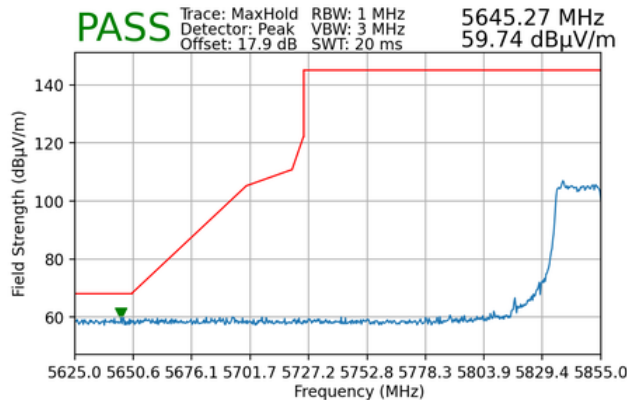
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5825MHz
Channel:	165



**Plot 7-119. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 3 – 242 Tones)**

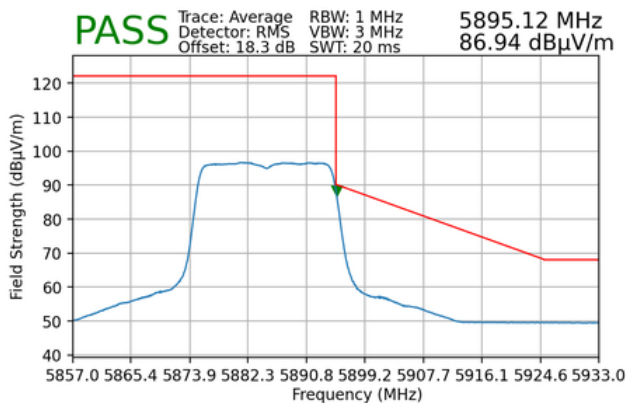
FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-19.A3L	Test Dates: 1/6/2025 - 3/5/2025	EUT Type: Portable Handset	Page 100 of 111

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

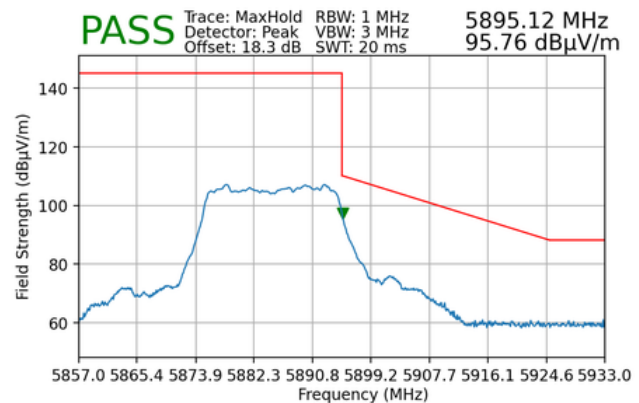


**Plot 7-120. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 4 – 242 Tones)**

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



**Plot 7-121. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 4 – 242 Tones)**

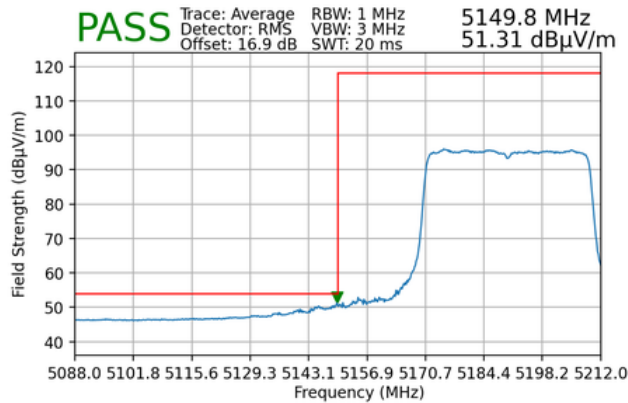


**Plot 7-122. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 4 – 242 Tones)**

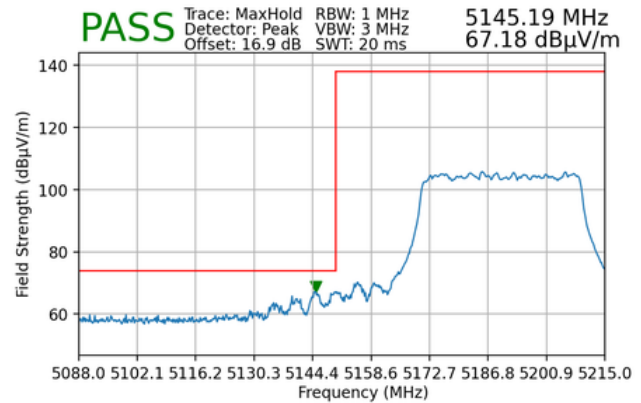
FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-19.A3L	Test Dates: 1/6/2025 - 3/5/2025	EUT Type: Portable Handset	Page 101 of 111

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

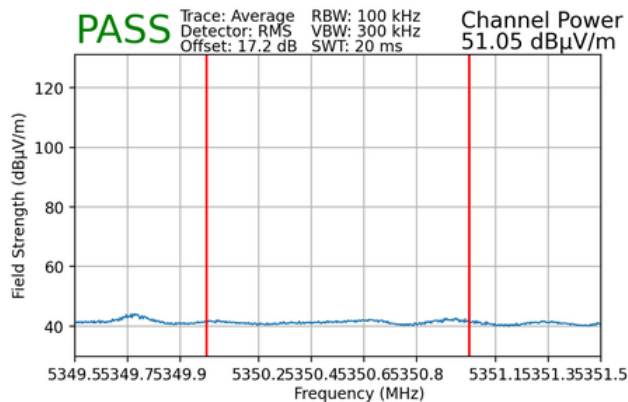


Plot 7-123. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 484 Tones)

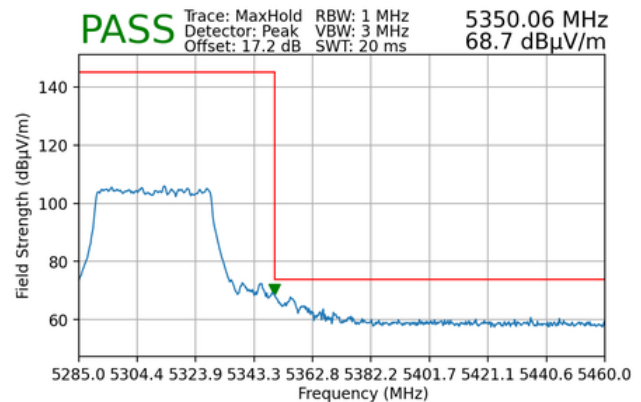


Plot 7-124. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 484 Tones)

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



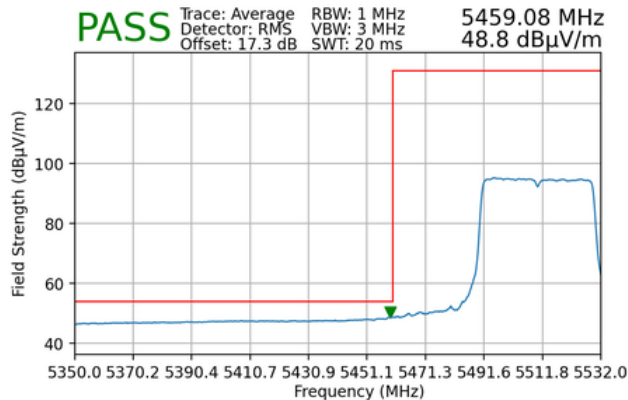
Plot 7-125. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 484 Tones)



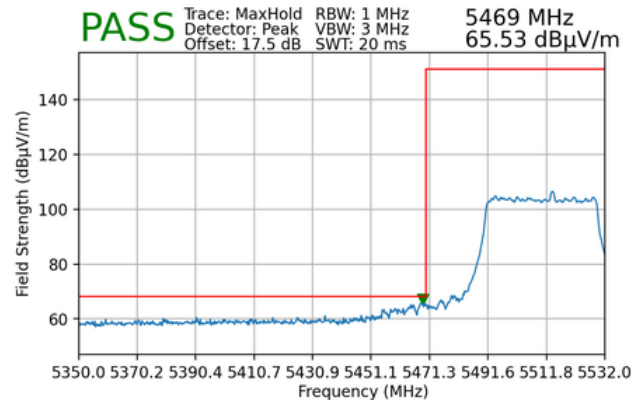
Plot 7-126. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 484 Tones)

FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
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Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 65
 Distance of Measurements: 3 Meters
 Operating Frequency: 5510MHz
 Channel: 102

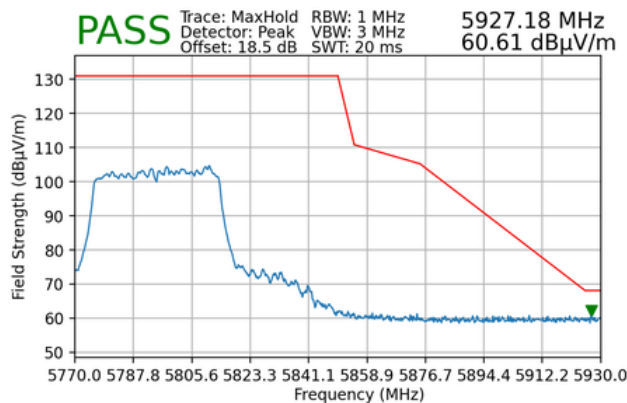


Plot 7-127. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 484 Tones)



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

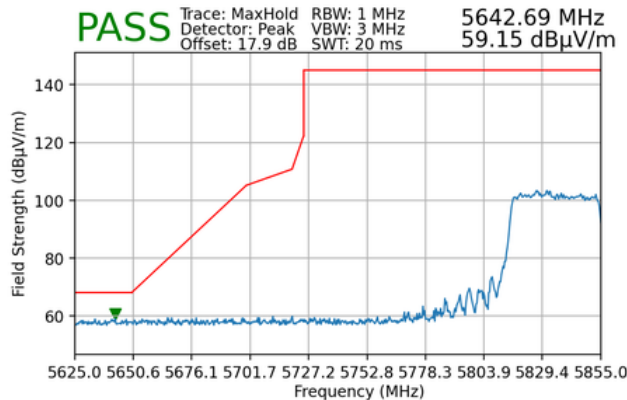
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 65
 Distance of Measurements: 3 Meters
 Operating Frequency: 5795MHz
 Channel: 159



Plot 7-129. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 484 Tones)

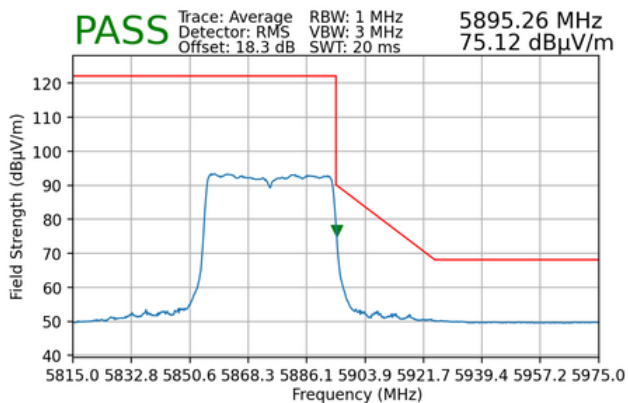
FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-19.A3L	Test Dates: 1/6/2025 - 3/5/2025	EUT Type: Portable Handset	Page 103 of 111

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

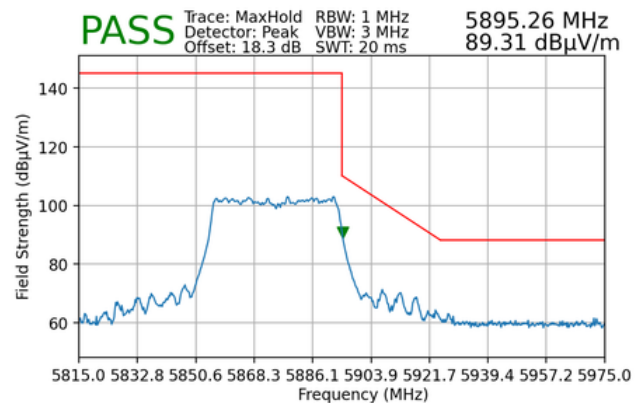


Plot 7-130. Radiated Lower Band Edge Plot MIMO (Peak - UNII Band 4 - 484 Tones)

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



Plot 7-131. Radiated Upper Band Edge Plot MIMO (Average - UNII Band 4 - 484 Tones)

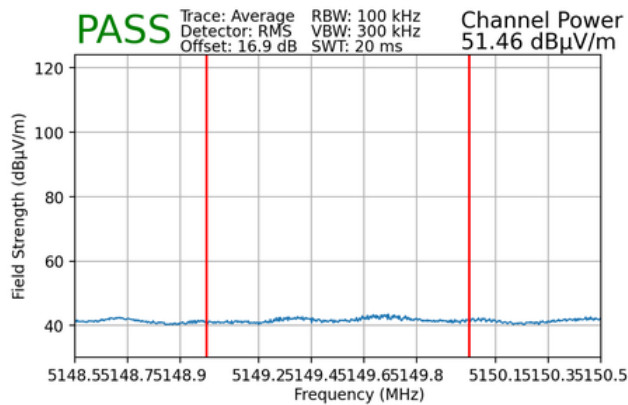


Plot 7-132. Radiated Upper Band Edge Plot MIMO (Peak - UNII Band 4 - 484 Tones)

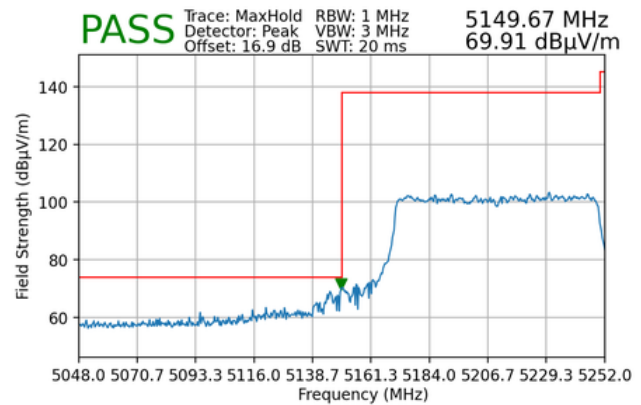
FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-19.A3L	Test Dates: 1/6/2025 - 3/5/2025	EUT Type: Portable Handset	Page 104 of 111

7.6.7 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

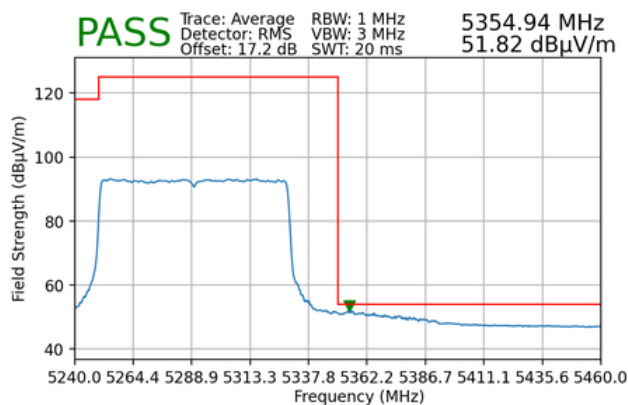


Plot 7-133. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 996 Tones)

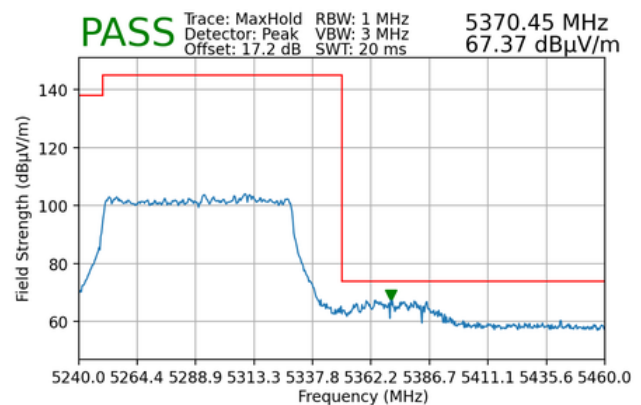


Plot 7-134. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 996 Tones)

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



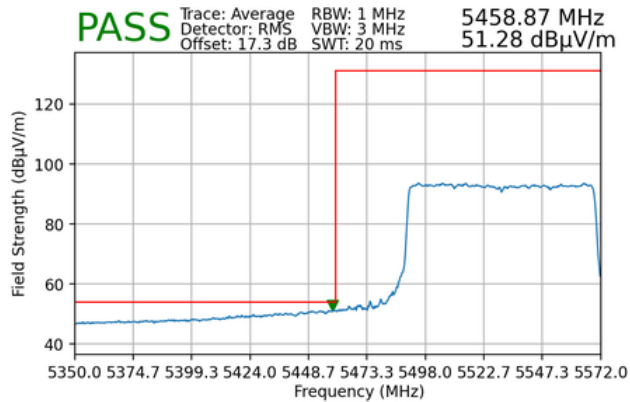
Plot 7-135. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 996 Tones)



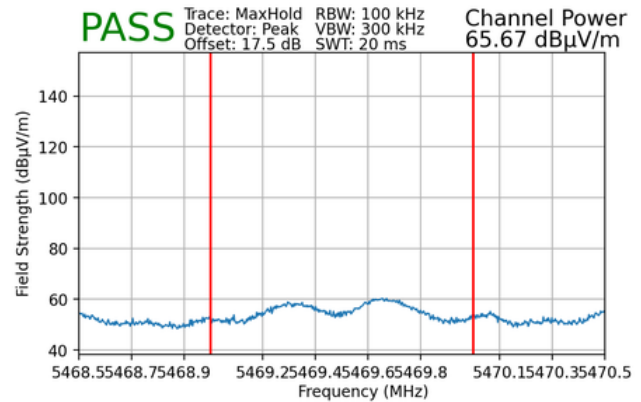
Plot 7-136. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 996 Tones)

FCC ID: A3LSMG766U	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

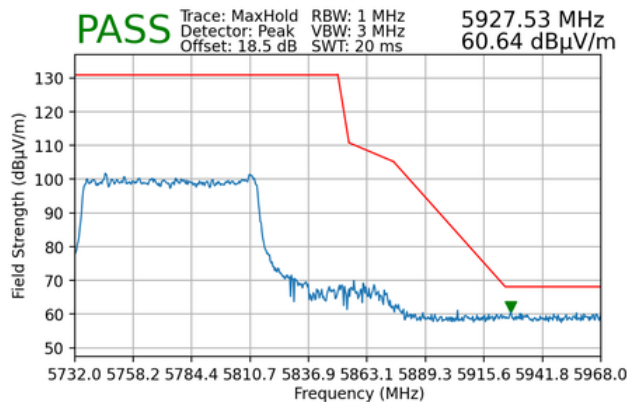


Plot 7-137. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 996 Tones)



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

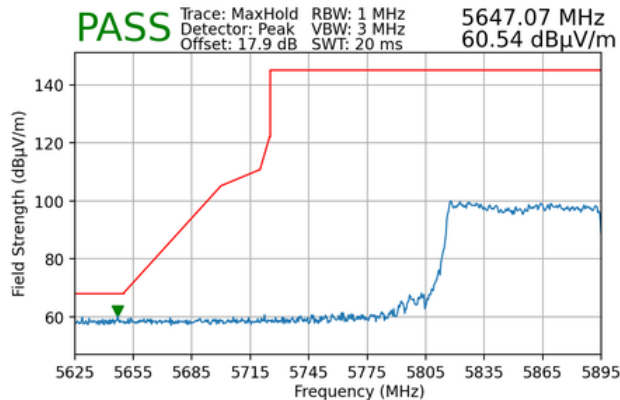
Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 67
 Distance of Measurements: 3 Meters
 Operating Frequency: 5775MHz
 Channel: 155



Plot 7-139. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 996 Tones)

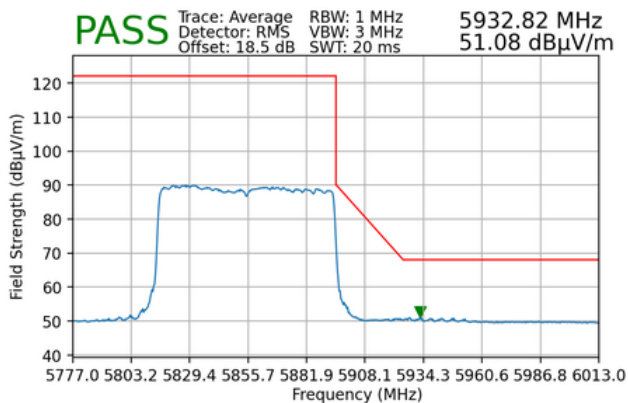
FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
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Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 67
Distance of Measurements: 3 Meters
Operating Frequency: 5855MHz
Channel: 171

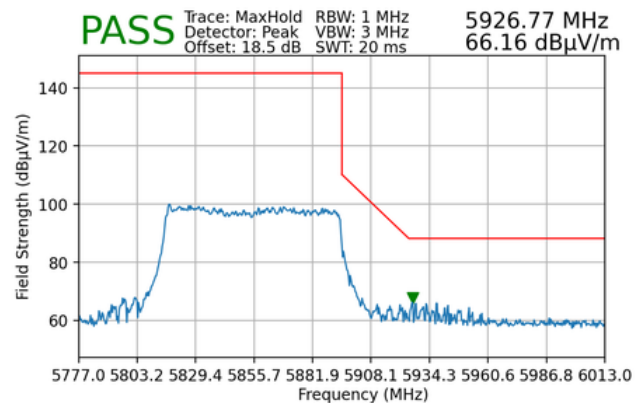


**Plot 7-140. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 4 – 996 Tones)**

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



**Plot 7-141. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 4 – 996 Tones)**

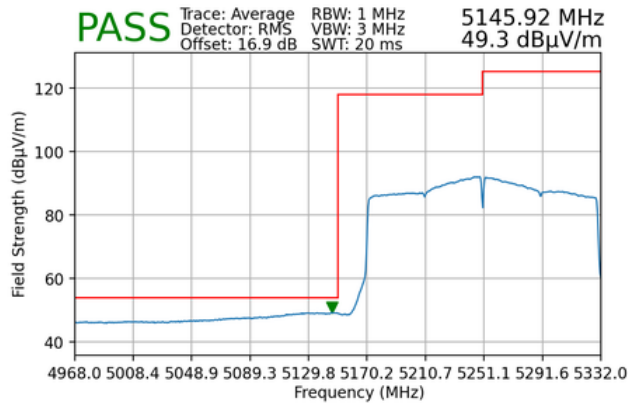


**Plot 7-142. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 4 – 996 Tones)**

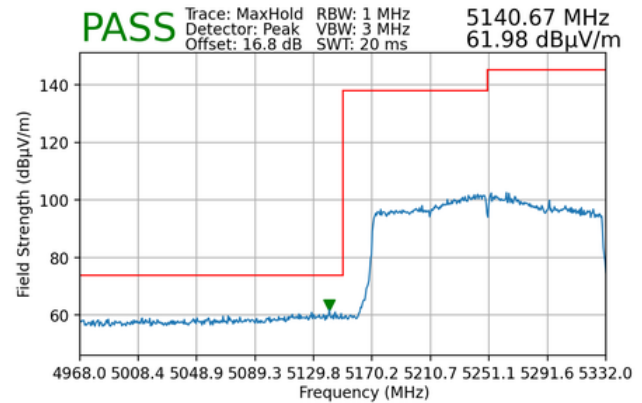
FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-19.A3L	Test Dates: 1/6/2025 - 3/5/2025	EUT Type: Portable Handset	Page 107 of 111

7.6.8 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

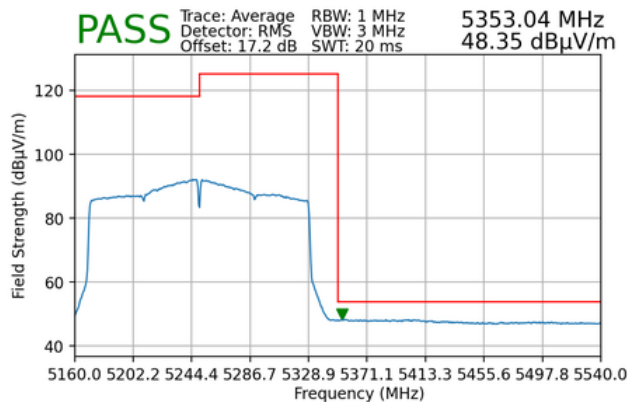


Plot 7-143. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 2x996 Tones)

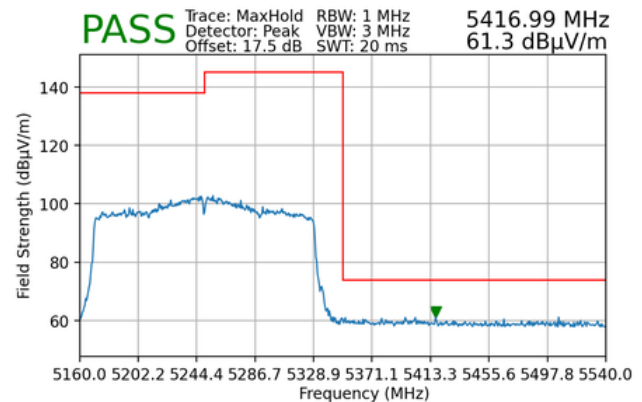


Plot 7-144. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 2x996 Tones)

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



Plot 7-145. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 2x996 Tones)

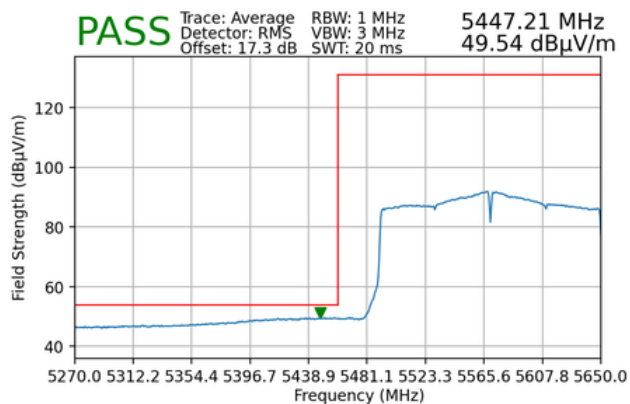


Plot 7-146. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 2x996 Tones)

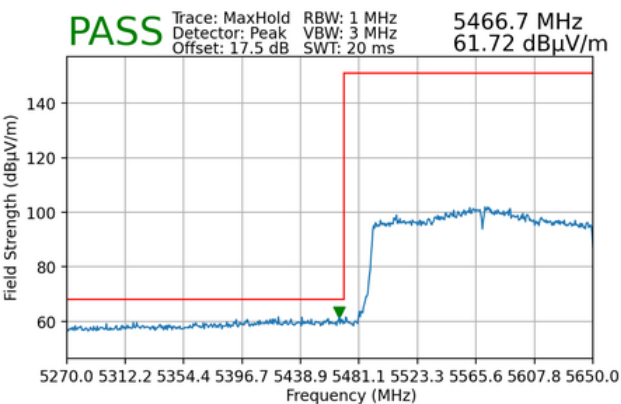
FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
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Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	68
Distance of Measurements:	3 Meters
Operating Frequency:	5570MHz
Channel:	114



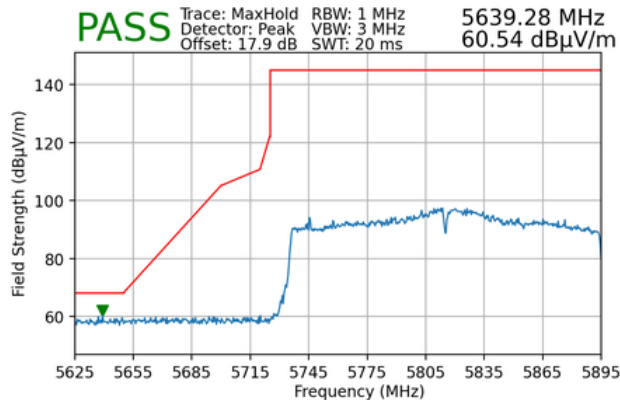
Plot 7-147. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C – 2x996 Tones)



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

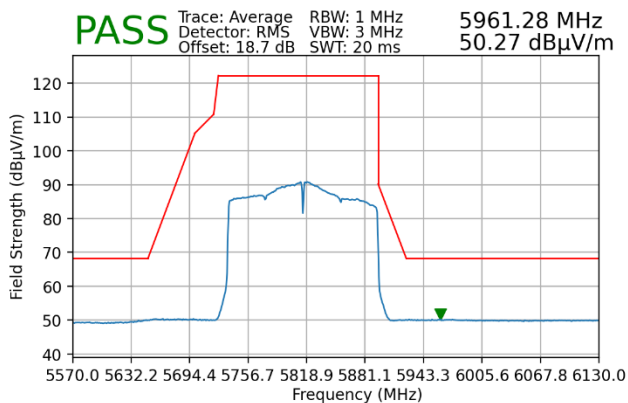
FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
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Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 68
Distance of Measurements: 3 Meters
Operating Frequency: 5815MHz
Channel: 163

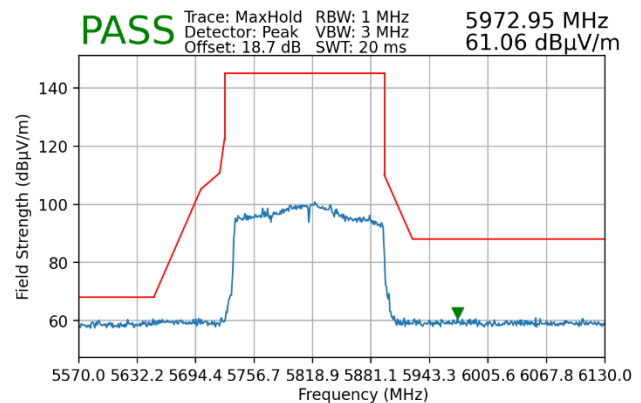


**Plot 7-149. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 4 – 2x996 Tones)**

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



**Plot 7-150. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 4 – 2x996 Tones)**



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

FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
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8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Samsung Portable Handset FCC ID: A3LSMG766U** is in compliance with FCC Part Subpart E (15.407) of the FCC rules.

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Test Report S/N: 1M2501020001-19.A3L	Test Dates: 1/6/2025 - 3/5/2025	EUT Type: Portable Handset	Page 111 of 111