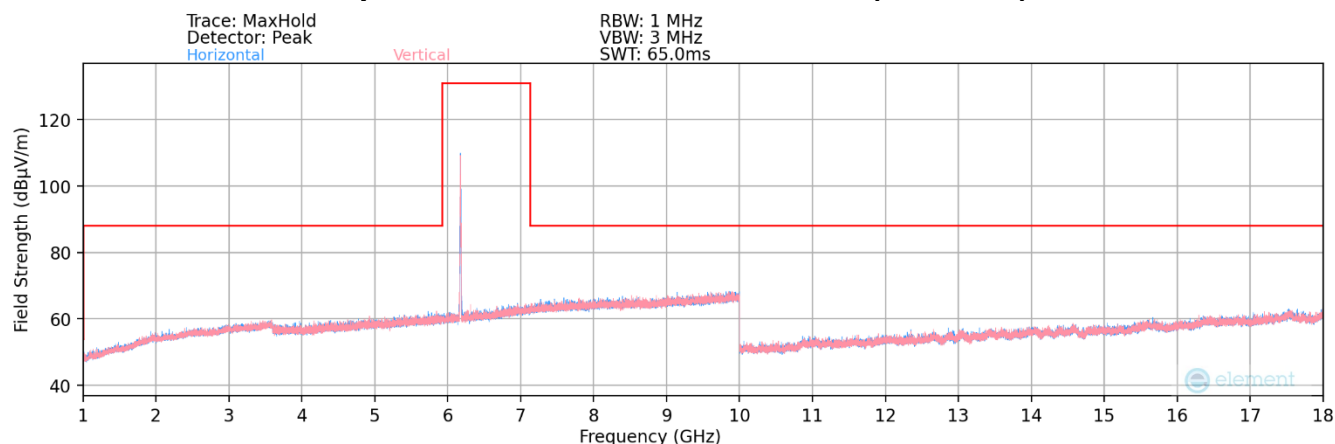
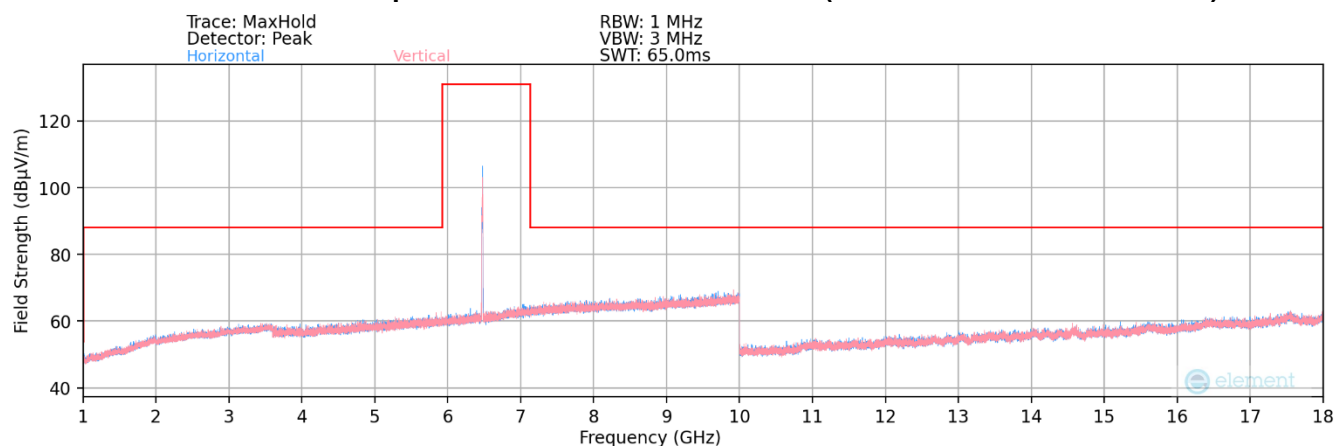


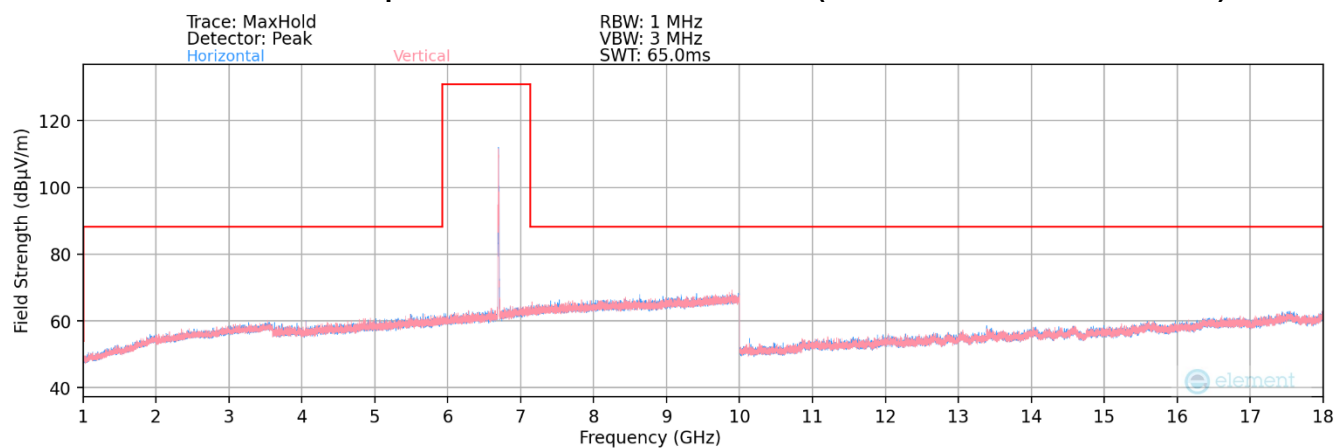
7.6.1 MIMO Radiated Spurious Emission Measurements (26 Tones)



Plot 7-97. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – UNII Band 5 Ch. 45)

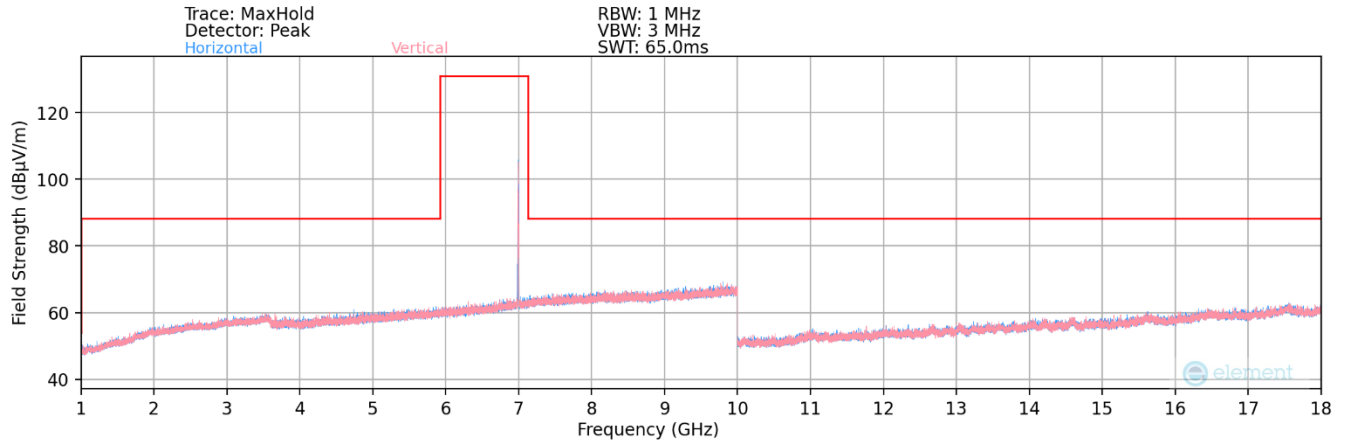


Plot 7-98. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – UNII Band 6 Ch. 105)

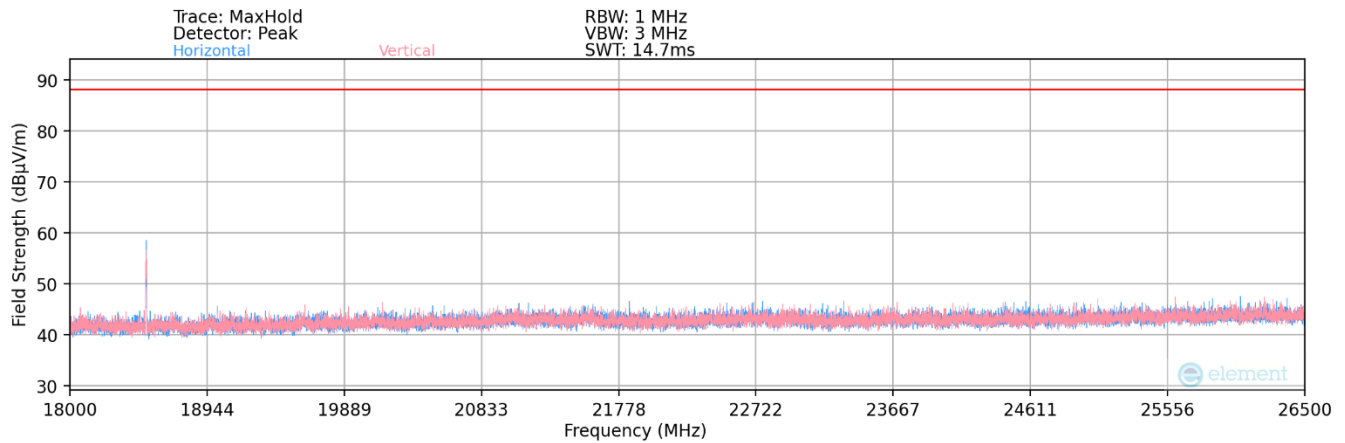


Plot 7-99. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – UNII Band 7 Ch. 149)

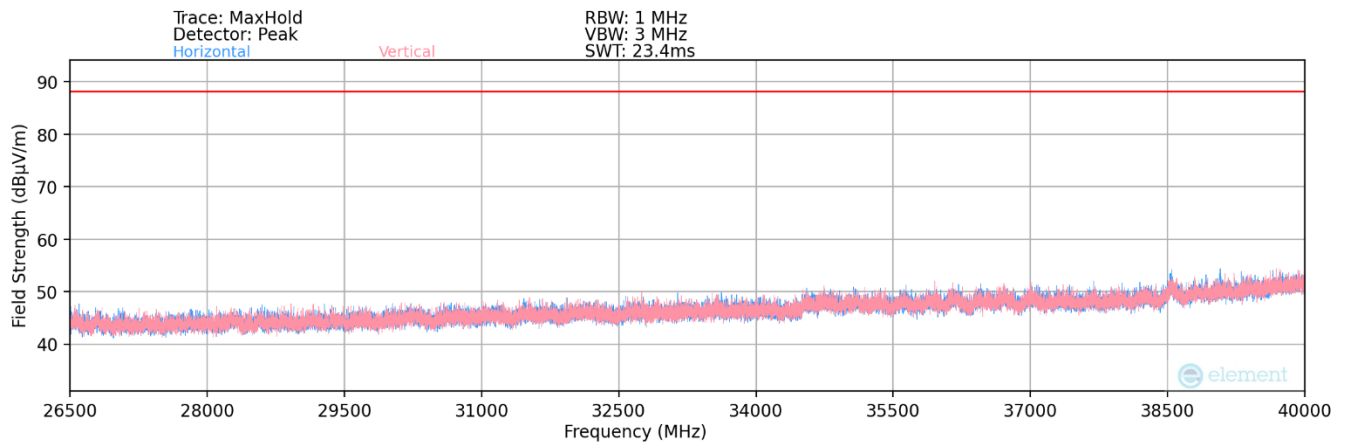
FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-21-R1.A3L	Test Dates: 1/6/2025 - 3/3/2025	EUT Type: Portable Handset	Page 94 of 112



Plot 7-100. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – U Band 8 Ch. 209)



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: 1M2501020001-21-R1.A3L	Test Dates: 1/6/2025 - 3/3/2025	EUT Type: Portable Handset	Page 95 of 112

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

Mode	Antenna	UNII Band	Channel	Test Channel Freq	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dBL]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax RU 26T	MIMO	5	2	5935	4	*	11870.00	Average	H	209	-78.96	18.16	0.00	46.20	53.98	-7.78
						*	11870.00	Peak	H	209	-67.17	18.16	0.00	57.99	73.98	-15.99
						*	17805.00	Average	H	136	-80.59	24.47	0.00	50.88	53.98	-3.10
						*	17805.00	Peak	H	136	-68.27	24.47	0.00	63.20	73.98	-10.78
						*	23740.00	Average	H	-	-66.92	3.58	-9.54	34.12	53.98	-19.86
						*	23740.00	Peak	H	-	-56.55	3.58	-9.54	44.49	73.98	-29.49
			45	6175	4		29675.00	Peak	H	-	-57.44	5.33	-9.54	45.35	68.20	-22.85
						*	12350.00	Average	H	168	-75.20	18.37	0.00	50.17	53.98	-3.81
						*	12350.00	Peak	H	168	-62.58	18.37	0.00	62.79	73.98	-11.19
						*	18525.00	Average	H	150	-50.81	1.16	-9.54	47.81	53.98	-6.17
						*	18525.00	Peak	H	150	-37.56	1.16	-9.54	61.07	73.98	-12.91
							24700.00	Peak	H	-	-55.67	3.72	-9.54	45.51	68.20	-22.69
			93	6415	4		30875.00	Peak	H	-	-56.83	6.32	-9.54	46.95	68.20	-21.25
							12830.00	Peak	H	150	-61.46	19.33	0.00	64.87	68.20	-3.33
						*	19245.00	Average	H	150	-60.58	1.84	-9.54	38.72	53.98	-15.26
						*	19245.00	Peak	H	150	-48.78	1.84	-9.54	50.52	73.98	-23.46
							25660.00	Peak	H	-	-55.86	3.90	-9.54	45.50	68.20	-22.70
							32075.00	Peak	H	-	-57.22	6.64	-9.54	46.88	68.20	-21.32

Table 7-29. Radiated Measurements MIMO (26 Tones)

FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-21-R1.A3L	Test Dates: 1/6/2025 - 3/3/2025	EUT Type: Portable Handset	Page 96 of 112

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

Mode	Antenna	UNII Band	Channel	Test Channel Freq	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degrees]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax RU 26T	MIMO	5	2	5935	4	*	11870.00	Average	H	209	333	-78.96	18.16	0.00	46.20	53.98	-7.78
						*	11870.00	Peak	H	209	333	-67.17	18.16	0.00	57.99	73.98	-15.99
						*	17805.00	Average	H	136	46	-80.59	24.47	0.00	50.88	53.98	-3.10
						*	17805.00	Peak	H	136	46	-68.27	24.47	0.00	63.20	73.98	-10.78
						*	23740.00	Average	H	-	-	-66.92	3.58	-9.54	34.12	53.98	-19.86
						*	23740.00	Peak	H	-	-	-56.55	3.58	-9.54	44.49	73.98	-29.49
			45	6175	4		29675.00	Peak	H	-	-	-57.44	5.33	-9.54	45.35	68.20	-22.85
						*	12350.00	Average	H	168	43	-75.20	18.37	0.00	50.17	53.98	-3.81
						*	12350.00	Peak	H	168	43	-62.58	18.37	0.00	62.79	73.98	-11.19
						*	18525.00	Average	H	150	77	-50.81	1.16	-9.54	47.81	53.98	-6.17
						*	18525.00	Peak	H	150	77	-37.56	1.16	-9.54	61.07	73.98	-12.91
							24700.00	Peak	H	-	-	-55.67	3.72	-9.54	45.51	68.20	-22.69
			93	6415	4		30875.00	Peak	H	-	-	-56.83	6.32	-9.54	46.95	68.20	-21.25
							12830.00	Peak	H	150	41	-61.46	19.33	0.00	64.87	68.20	-3.33
						*	19245.00	Average	H	150	68	-60.58	1.84	-9.54	38.72	53.98	-15.26
						*	19245.00	Peak	H	150	68	-48.78	1.84	-9.54	50.52	73.98	-23.46
							25660.00	Peak	H	-	-	-55.86	3.90	-9.54	45.50	68.20	-22.70
							32075.00	Peak	H	-	-	-57.22	6.64	-9.54	46.88	68.20	-21.32

Table 7-30. Radiated Measurements MIMO (26 Tones)

FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-21-R1.A3L	Test Dates: 1/6/2025 - 3/3/2025	EUT Type: Portable Handset	Page 97 of 112

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

Mode	Antenna	UNII Band	Channel	Test Channel Name	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degrees]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax RU 26T	MIMO	7	117	6535	4		13070.00	Peak	H	169	42	-61.72	19.50	0.00	64.78	68.20	-3.42
						*	19605.00	Average	H	150	359	-62.39	2.38	-9.54	37.45	53.98	-16.53
						*	19605.00	Peak	H	150	359	-47.71	2.38	-9.54	52.13	73.98	-21.85
							26140.00	Peak	H	150	341	-52.96	4.03	-9.54	48.53	68.20	-19.67
							32675.00	Peak	H	-	-	-56.78	6.46	-9.54	47.14	68.20	-21.06
			149	6695	4	*	13390.00	Average	H	189	346	-76.98	19.86	0.00	49.88	53.98	-4.10
						*	13390.00	Peak	H	189	346	-64.47	19.86	0.00	62.39	73.98	-11.59
						*	20085.00	Average	H	150	11	-56.04	2.58	-9.54	44.00	53.98	-9.98
						*	20085.00	Peak	H	150	11	-40.54	2.58	-9.54	59.50	73.98	-14.48
							26780.00	Peak	H	150	324	-56.55	4.33	-9.54	45.24	68.20	-22.96
			185	6875	4		33475.00	Peak	H	-	-	-56.80	6.96	-9.54	47.62	68.20	-20.58
							13750.00	Peak	H	181	345	-63.47	20.38	0.00	63.91	68.20	-4.29
						*	20625.00	Average	H	150	359	-54.83	3.01	-9.54	45.64	53.98	-8.34
						*	20625.00	Peak	H	150	359	-39.97	3.01	-9.54	60.49	73.98	-13.49
							27500.00	Peak	H	-	-	-56.45	3.97	-9.54	44.99	68.20	-23.21
							34375.00	Peak	H	-	-	-57.06	7.33	-9.54	47.73	68.20	-20.47

Table 7-31. Radiated Measurements MIMO (26 Tones)

FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-21-R1.A3L	Test Dates: 1/6/2025 - 3/3/2025	EUT Type: Portable Handset	Page 98 of 112

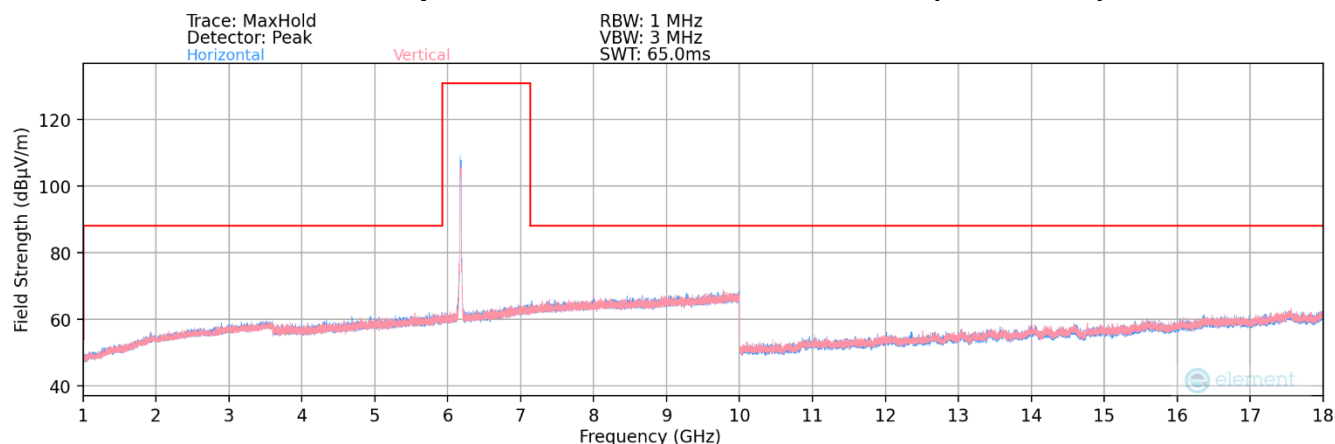
7.6.1.4 MIMO Radiated Spurious Emission Measurements (26 Tones) – UNII Band 8

Mode	Antenna	UNII Band	Channel	Test Channel Freq.	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degrees]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax RU 26T	MIMO	8	189	6895	4		13790.00	Peak	H	146	341	-69.10	20.64	0.00	58.54	68.20	-9.66
						*	20685.00	Average	H	-	-	-67.43	3.01	-9.54	33.04	53.98	-20.94
						*	20685.00	Peak	H	-	-	-56.02	3.01	-9.54	44.46	73.98	-29.52
							27580.00	Peak	H	-	-	-55.65	4.40	-9.54	46.21	68.20	-21.99
							34475.00	Peak	H	-	-	-56.80	7.31	-9.54	47.97	68.20	-20.23
			209	6995	4		13990.00	Peak	H	211	341	-68.98	19.90	0.00	57.92	68.20	-10.28
						*	20985.00	Average	H	150	352	-67.63	3.27	-9.54	33.10	53.98	-20.88
						*	20985.00	Peak	H	150	352	-55.80	3.27	-9.54	44.92	73.98	-29.06
							27980.00	Peak	H	-	-	-57.44	4.40	-9.54	44.42	68.20	-23.78
							34975.00	Peak	H	-	-	-55.90	7.79	-9.54	49.34	68.20	-18.86
			233	7115	4		14230.00	Peak	H	-	-	-69.51	20.60	0.00	58.09	68.20	-10.11
						*	21345.00	Average	H	-	-	-66.84	3.57	-9.54	34.20	53.98	-19.78
						*	21345.00	Peak	H	-	-	-56.50	3.57	-9.54	44.53	73.98	-29.45
							28460.00	Peak	H	-	-	-56.67	5.01	-9.54	45.80	68.20	-22.40
							35575.00	Peak	H	-	-	-56.83	7.78	-9.54	48.41	68.20	-19.79

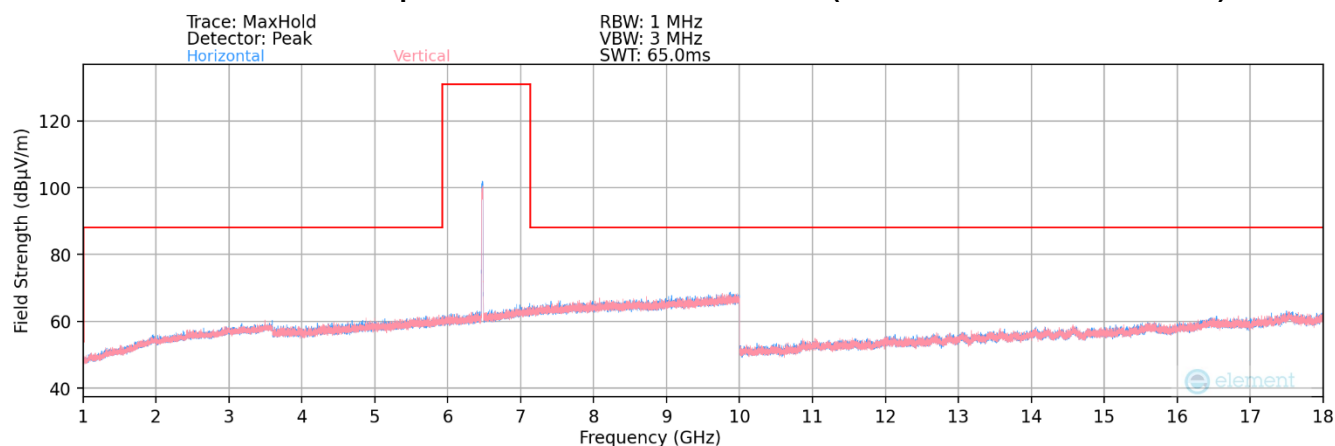
Table 7-32. Radiated Measurements MIMO (26 Tones)

FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-21-R1.A3L	Test Dates: 1/6/2025 - 3/3/2025	EUT Type: Portable Handset	Page 99 of 112

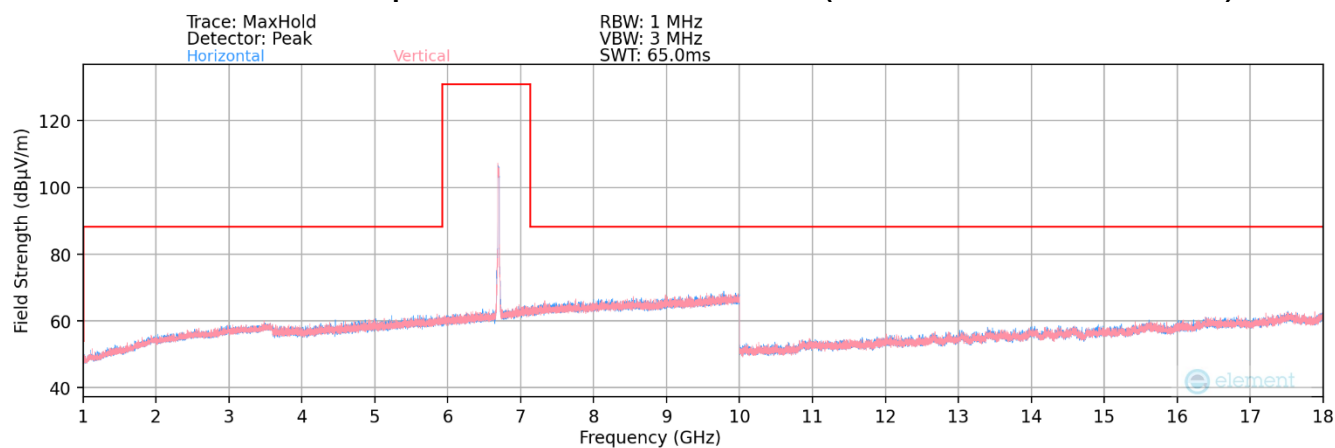
7.6.2 MIMO Radiated Spurious Emission Measurements (242 Tones)



Plot 7-103. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – UNII Band 5 Ch. 45)

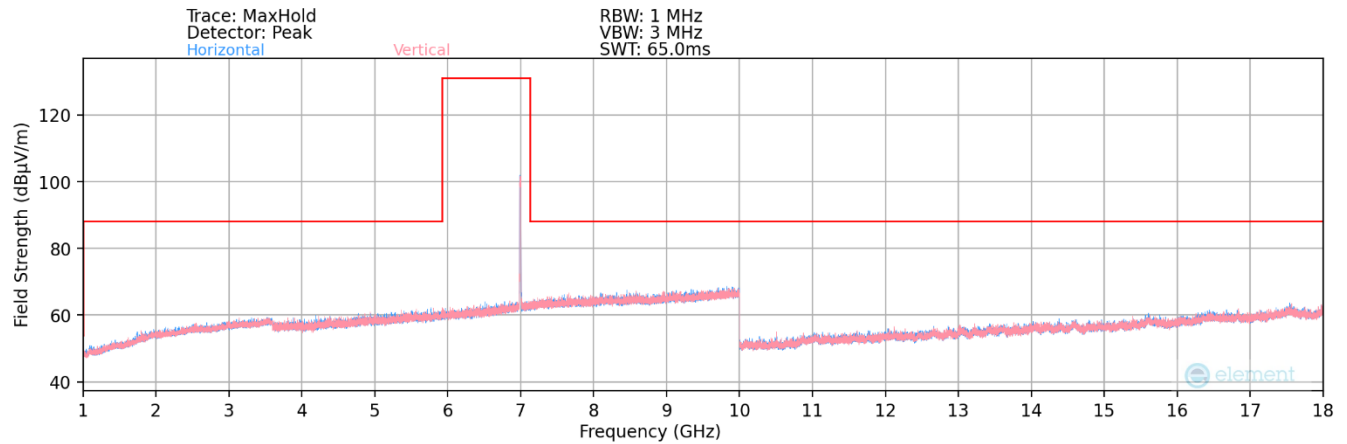


Plot 7-104. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – UNII Band 6 Ch. 105)

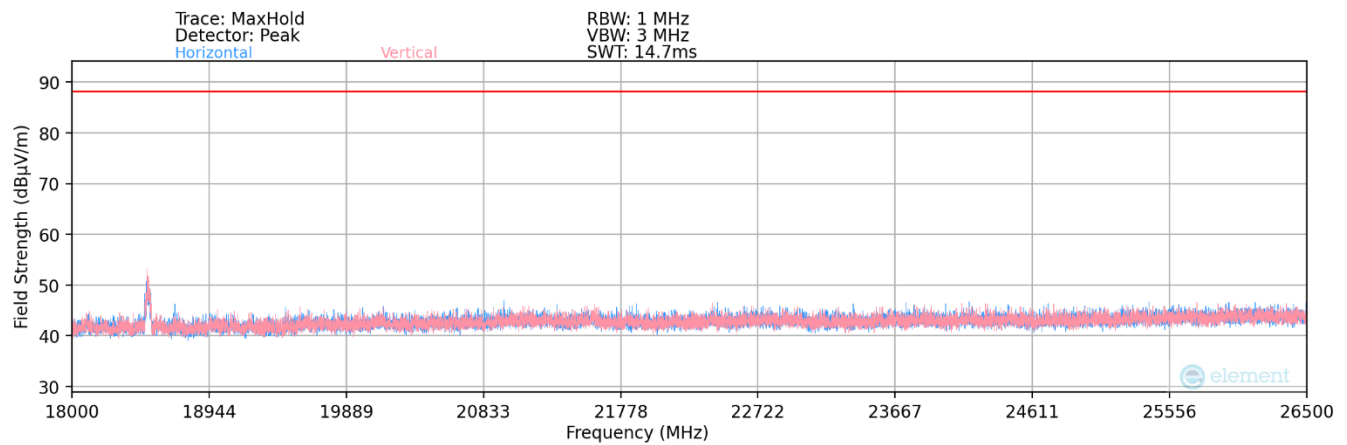


Plot 7-105. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – UNII Band 7 Ch. 149)

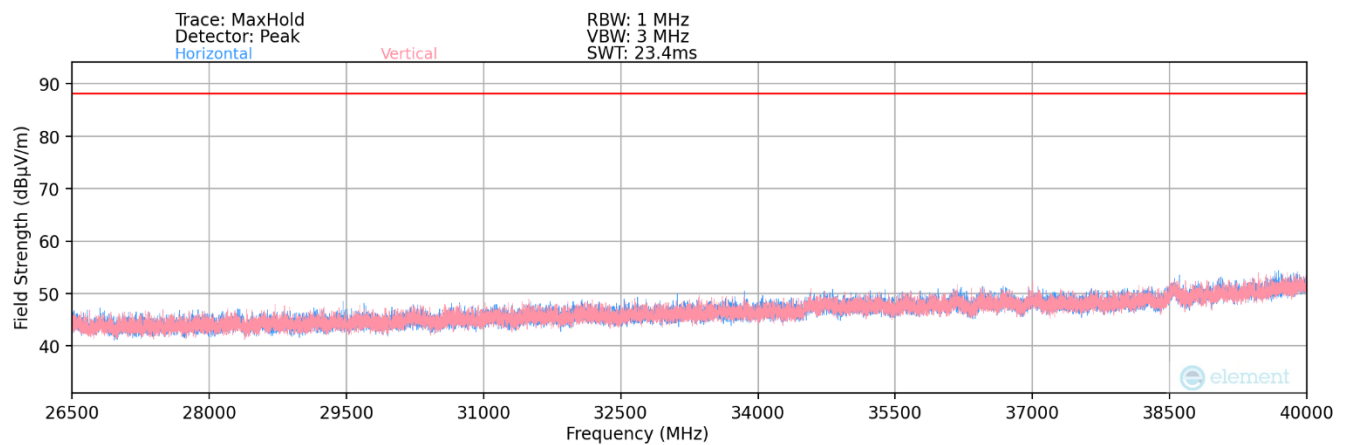
FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-21-R1.A3L	Test Dates: 1/6/2025 - 3/3/2025	EUT Type: Portable Handset	Page 100 of 112



Plot 7-106. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11ax – U Band 8 Ch. 209)



Plot 7-107. Radiated Spurious Plot 18GHz - 26.5GHz (802.11ax)



Plot 7-108. Radiated Spurious Plot 26.5GHz - 40GHz (802.11ax)

FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-21-R1.A3L	Test Dates: 1/6/2025 - 3/3/2025	EUT Type: Portable Handset	Page 101 of 112

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

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
802.11ax RU 242T	MIMO	5	2	5935	61	*	11870.00	Average	H	209	333	-79.75	18.16	0.00	45.41	53.98	-8.57
						*	11870.00	Peak	H	209	333	-68.29	18.16	0.00	56.87	73.98	-17.11
						*	17805.00	Average	H	136	46	-80.55	24.47	0.00	50.92	53.98	-3.06
						*	17805.00	Peak	H	136	46	-68.67	24.47	0.00	62.80	73.98	-11.18
						*	23740.00	Average	H	-	-	-67.31	3.58	-9.54	33.73	53.98	-20.25
						*	23740.00	Peak	H	-	-	-55.81	3.58	-9.54	45.23	73.98	-28.75
			45	6175	61		29675.00	Peak	H	-	-	-57.76	5.33	-9.54	45.02	68.20	-23.18
						*	12350.00	Average	H	168	43	-77.15	18.37	0.00	48.22	53.98	-5.76
						*	12350.00	Peak	H	168	43	-65.12	18.37	0.00	60.25	73.98	-13.73
						*	18525.00	Average	H	150	76	-56.38	1.16	-9.54	42.25	53.98	-11.73
						*	18525.00	Peak	H	150	76	-45.47	1.16	-9.54	53.15	73.98	-20.83
							24700.00	Peak	H	-	-	-56.89	3.72	-9.54	44.29	68.20	-23.91
			93	6415	61		30875.00	Peak	H	-	-	-57.29	6.32	-9.54	46.49	68.20	-21.71
							12830.00	Peak	H	150	41	-61.50	19.33	0.00	64.83	68.20	-3.37
						*	19245.00	Average	H	150	68	-63.57	1.84	-9.54	35.73	53.98	-18.25
						*	19245.00	Peak	H	150	68	-51.96	1.84	-9.54	47.34	73.98	-26.64
							25660.00	Peak	H	-	-	-56.60	3.90	-9.54	44.76	68.20	-23.44
							32075.00	Peak	H	-	-	-56.97	6.64	-9.54	47.13	68.20	-21.07

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

FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-21-R1.A3L	Test Dates: 1/6/2025 - 3/3/2025	EUT Type: Portable Handset	Page 102 of 112

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

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
802.11ax RU 242T	MIMO	6	97	6435	61		12870.00	Peak	H	159	41	-68.55	19.20	0.00	57.65	68.20	-10.55
						*	19305.00	Average	H	-	-	-66.04	1.64	-9.54	33.06	53.98	-20.92
						*	19305.00	Peak	H	-	-	-55.32	1.64	-9.54	43.78	73.98	-30.20
							25740.00	Peak	H	-	-	-56.51	3.84	-9.54	44.80	68.20	-23.40
							32175.00	Peak	H	-	-	-56.53	6.80	-9.54	47.73	68.20	-20.47
			105	6475	61		12950.00	Peak	H	155	47	-68.88	19.19	0.00	57.31	68.20	-10.89
						*	19425.00	Average	H	-	-	-66.49	1.80	-9.54	32.77	53.98	-21.21
						*	19425.00	Peak	H	-	-	-56.49	1.80	-9.54	42.77	73.98	-31.21
							25900.00	Peak	H	-	-	-57.04	4.24	-9.54	44.65	68.20	-23.55
							32375.00	Peak	H	-	-	-57.47	6.46	-9.54	46.45	68.20	-21.75
			113	6515	61		13030.00	Peak	H	162	43	-68.51	19.61	0.00	58.10	68.20	-10.10
						*	19545.00	Average	H	-	-	-66.31	1.84	-9.54	33.00	53.98	-20.98
						*	19545.00	Peak	H	-	-	-56.59	1.84	-9.54	42.71	73.98	-31.27
							26060.00	Peak	H	-	-	-57.39	4.18	-9.54	44.25	68.20	-23.95
							32575.00	Peak	H	-	-	-57.05	6.18	-9.54	46.59	68.20	-21.61

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

FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-21-R1.A3L	Test Dates: 1/6/2025 - 3/3/2025	EUT Type: Portable Handset	Page 103 of 112

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

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
802.11ax RU 242T	MIMO	7	117	6535	61		13070.00	Peak	H	169	42	-65.38	19.50	0.00	61.12	68.20	-7.08
						*	19605.00	Average	H	150	0	-60.53	2.38	-9.54	39.31	53.98	-14.67
						*	19605.00	Peak	H	150	0	-47.42	2.38	-9.54	52.42	73.98	-21.56
							26140.00	Peak	H	-	-	-55.59	4.03	-9.54	45.89	68.20	-22.31
							32675.00	Peak	H	-	-	-56.69	6.46	-9.54	47.23	68.20	-20.97
			149	6695	61	*	13390.00	Average	H	189	346	-78.92	19.86	0.00	47.94	53.98	-6.04
						*	13390.00	Peak	H	189	346	-68.05	19.86	0.00	58.81	73.98	-15.17
						*	20085.00	Average	H	150	0	-58.03	2.58	-9.54	42.01	53.98	-11.97
						*	20085.00	Peak	H	150	0	-45.28	2.58	-9.54	54.76	73.98	-19.22
							26780.00	Peak	H	-	-	-46.27	4.33	-9.54	55.51	68.20	-12.69
							33475.00	Peak	H	-	-	-57.28	6.96	-9.54	47.14	68.20	-21.06
			185	6875	61		13750.00	Peak	H	181	345	-67.13	20.38	0.00	60.25	68.20	-7.95
						*	20625.00	Average	H	150	9	-63.94	3.01	-9.54	36.53	53.98	-17.45
						*	20625.00	Peak	H	150	9	-51.80	3.01	-9.54	48.66	73.98	-25.32
							27500.00	Peak	H	-	-	-56.01	3.97	-9.54	45.43	68.20	-22.77
							34375.00	Peak	H	-	-	-55.80	7.33	-9.54	48.99	68.20	-19.21

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

FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-21-R1.A3L	Test Dates: 1/6/2025 - 3/3/2025	EUT Type: Portable Handset	Page 104 of 112

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

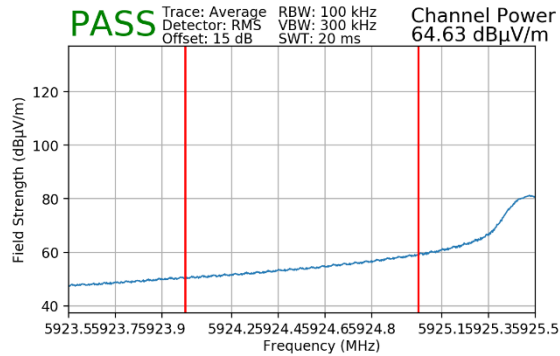
Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
802.11ax RU 242T	MIMO	8	189	6895	61		13790.00	Peak	H	-	-	-69.55	20.64	0.00	58.09	68.20	-10.11
						*	20685.00	Average	H	150	9	-63.65	3.01	-9.54	36.82	53.98	-17.16
						*	20685.00	Peak	H	150	9	-50.32	3.01	-9.54	50.15	73.98	-23.83
							27580.00	Peak	H	-	-	-57.32	4.40	-9.54	44.54	68.20	-23.66
							34475.00	Peak	H	-	-	-56.54	7.31	-9.54	48.23	68.20	-19.97
			209	6995	61		13990.00	Peak	H	-	-	-69.59	19.90	0.00	57.31	68.20	-10.89
						*	20985.00	Average	H	150	0	-66.46	3.27	-9.54	34.27	53.98	-19.71
						*	20985.00	Peak	H	150	0	-56.52	3.27	-9.54	44.21	73.98	-29.77
							27980.00	Peak	H	-	-	-56.29	4.40	-9.54	45.57	68.20	-22.63
							34975.00	Peak	H	-	-	-56.77	7.79	-9.54	48.48	68.20	-19.72
			233	7115	61		14230.00	Peak	H	-	-	-69.76	20.60	0.00	57.84	68.20	-10.36
						*	21345.00	Average	H	-	-	-66.32	3.57	-9.54	34.71	53.98	-19.27
						*	21345.00	Peak	H	-	-	-56.25	3.57	-9.54	44.78	73.98	-29.20
							28460.00	Peak	H	-	-	-56.75	5.01	-9.54	45.72	68.20	-22.48
							35575.00	Peak	H	-	-	-57.18	7.78	-9.54	48.06	68.20	-20.14

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

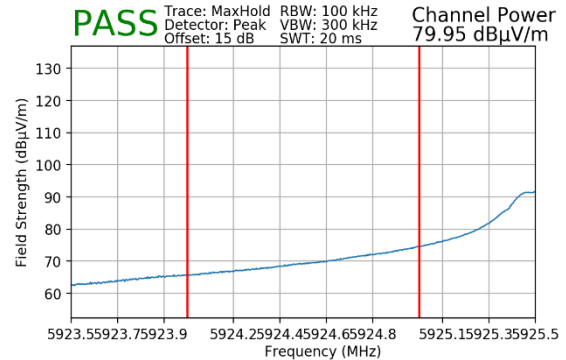
FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-21-R1.A3L	Test Dates: 1/6/2025 - 3/3/2025	EUT Type: Portable Handset	Page 105 of 112

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:	5935MHz
Channel:	2

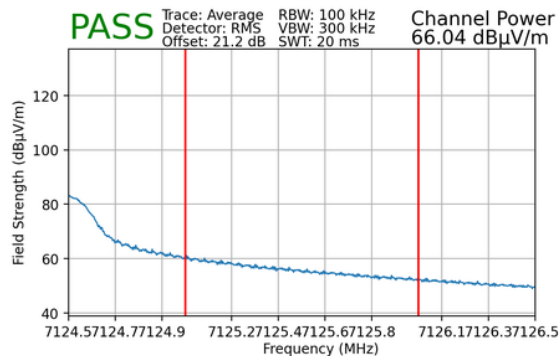


Plot 7-109. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5 – 106T)

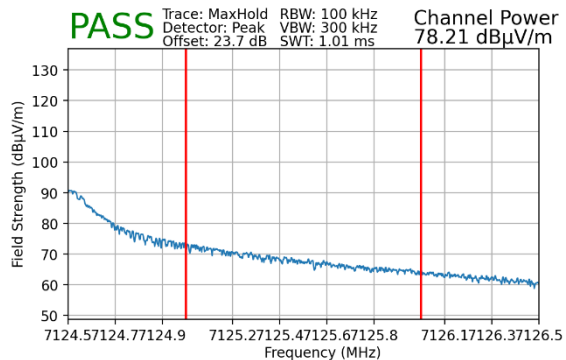


Plot 7-110. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 5 – 106T)

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



Plot 7-111. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8 – 106T)

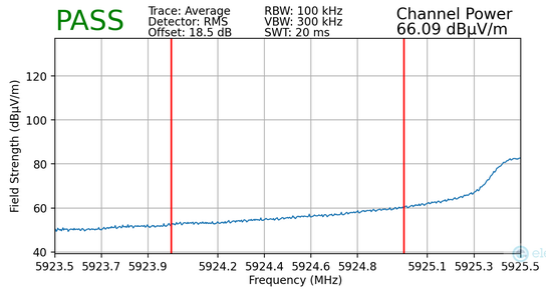


Plot 7-112. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 8 – 106T)

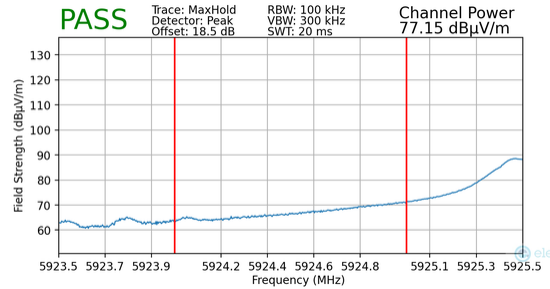
FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-21-R1.A3L	Test Dates: 1/6/2025 - 3/3/2025	EUT Type: Portable Handset	Page 106 of 112

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:	5935MHz
Channel:	2

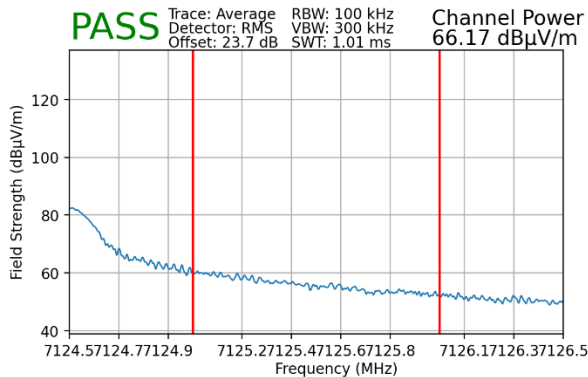


Plot 7-113. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5 – 242T)

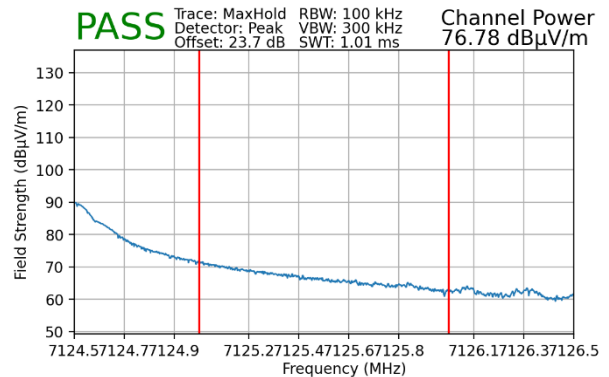


Plot 7-114. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 5 – 242T)

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



Plot 7-115. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8 – 242T)

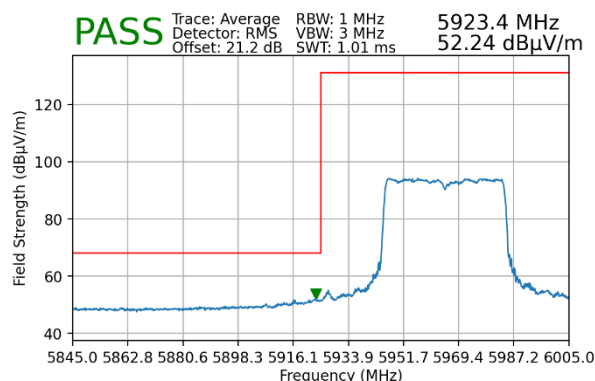


Plot 7-116. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 8 – 242T)

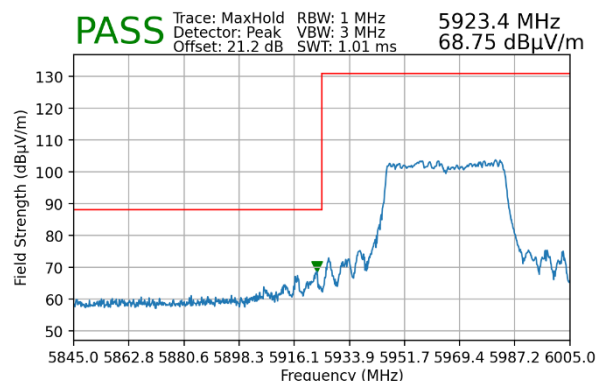
FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-21-R1.A3L	Test Dates: 1/6/2025 - 3/3/2025	EUT Type: Portable Handset	Page 107 of 112

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:	5965MHz
Channel:	3



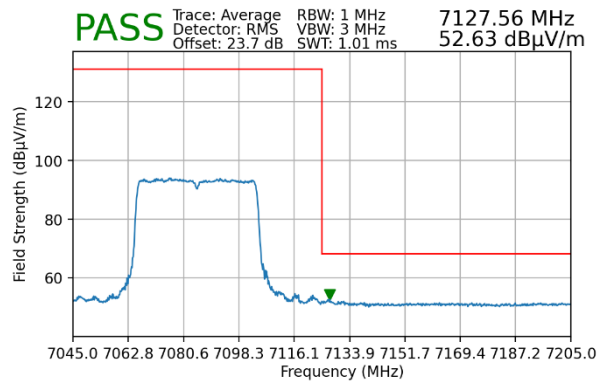
**Plot 7-117. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 5 – 484T)**



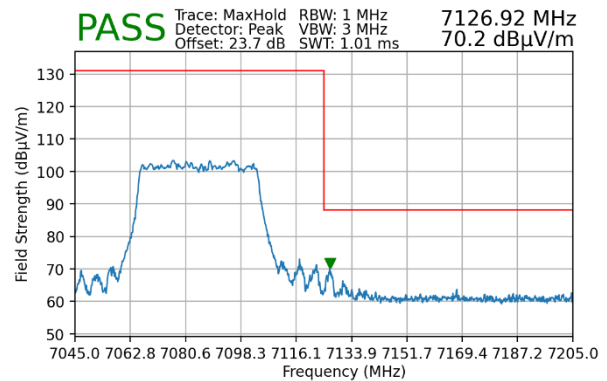
**Plot 7-118. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 5 – 484T)**

FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-21-R1.A3L	Test Dates: 1/6/2025 - 3/3/2025	EUT Type: Portable Handset	Page 108 of 112

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



Plot 7-119. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8 – 484T)

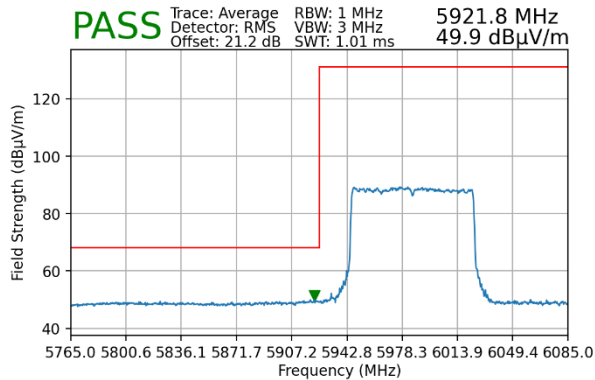


Plot 7-120. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 8 – 484T)

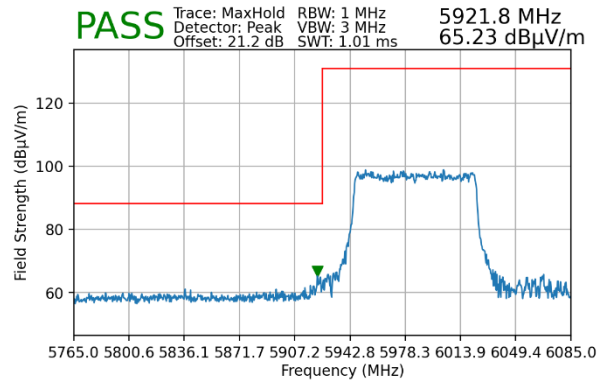
FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-21-R1.A3L	Test Dates: 1/6/2025 - 3/3/2025	EUT Type: Portable Handset	Page 109 of 112

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:	5985MHz
Channel:	7

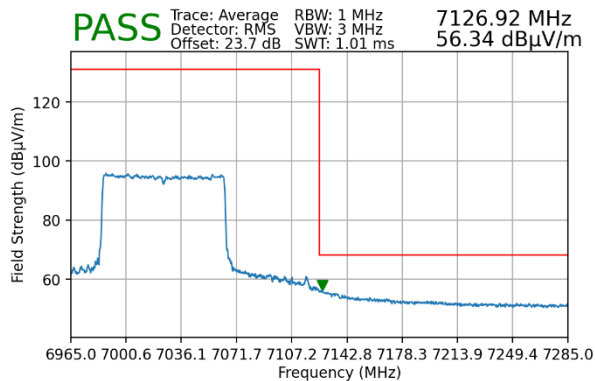


Plot 7-121. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5 – 996T)

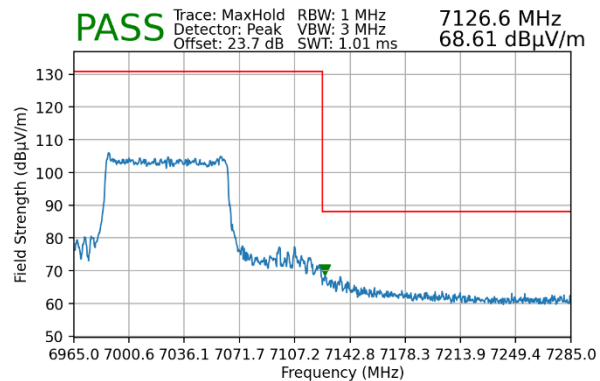


Plot 7-122. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 5 – 996T)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index	67
Distance of Measurements:	3 Meters
Operating Frequency:	7025MHz
Channel:	215



Plot 7-123. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8 – 996T)

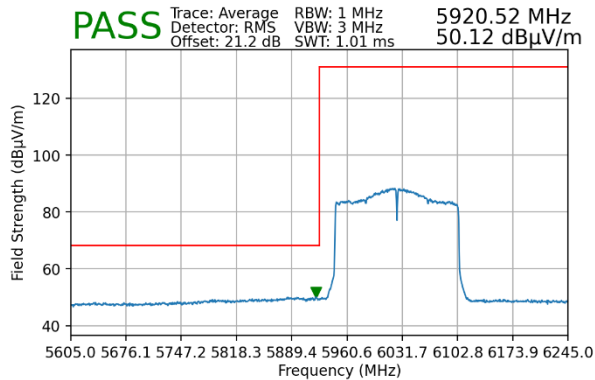


Plot 7-124. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 8 – 996T)

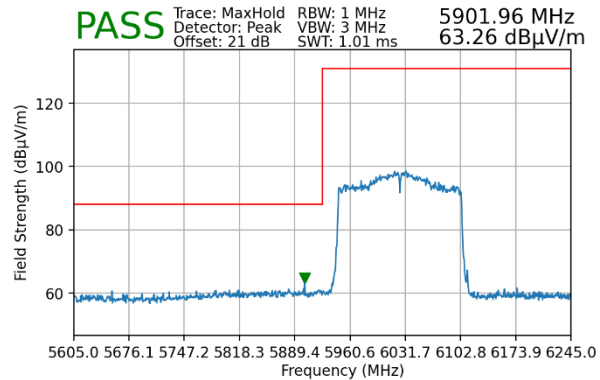
FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-21-R1.A3L	Test Dates: 1/6/2025 - 3/3/2025	EUT Type: Portable Handset	Page 110 of 112

7.7 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:	6025MHz
Channel:	15

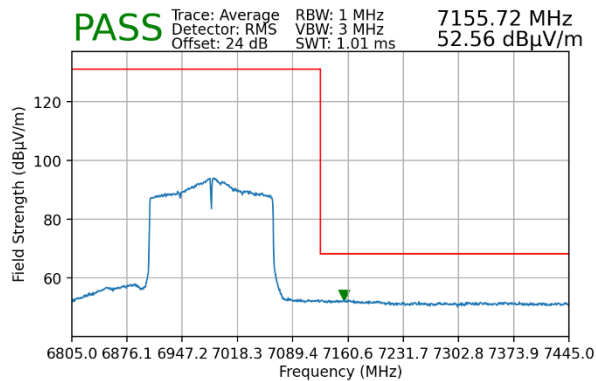


Plot 7-125. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5 – 2x996T)

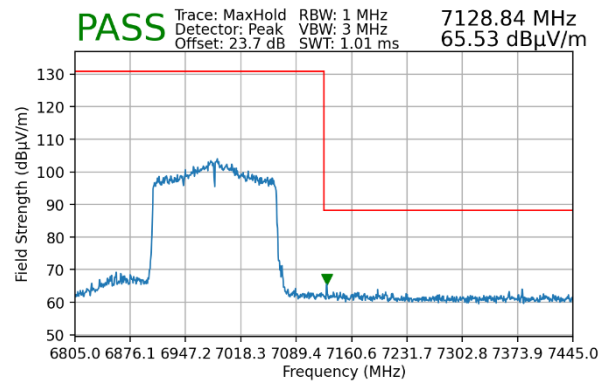


Plot 7-126. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 5 – 2x996T)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index	68
Distance of Measurements:	3 Meters
Operating Frequency:	6985MHz
Channel:	207



Plot 7-127. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8 – 2x996T)



Plot 7-128. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 8 – 2x996T)

FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-21-R1.A3L	Test Dates: 1/6/2025 - 3/3/2025	EUT Type: Portable Handset	Page 111 of 112

8 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 for operation as a client device.

FCC ID: A3LSMG766U	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2501020001-21-R1.A3L	Test Dates: 1/6/2025 - 3/3/2025	EUT Type: Portable Handset	Page 112 of 112