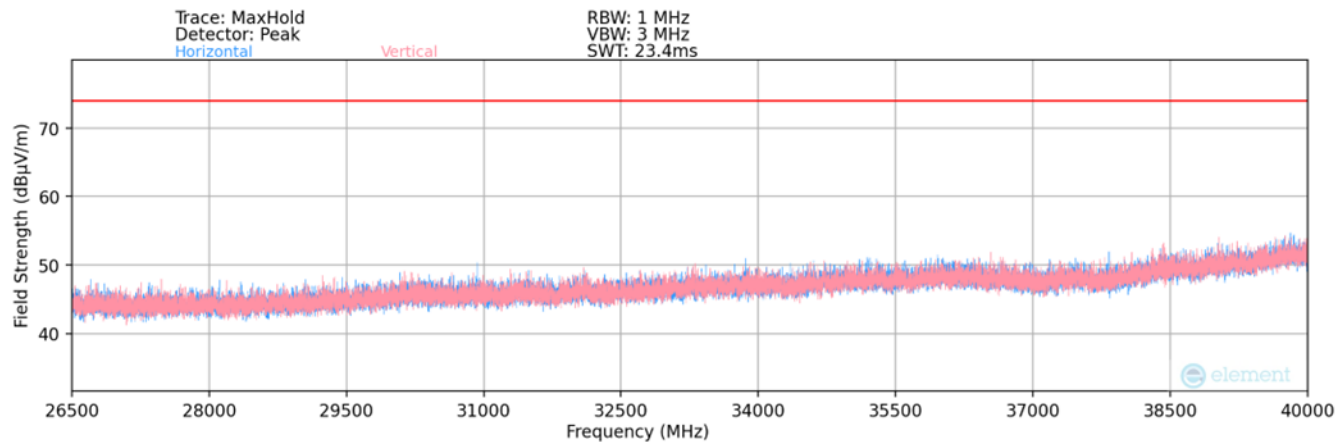




Plot 7-203. Radiated Spurious Plot 26.5GHz - 40GHz (802.11be)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 137 of 175



MIMO Radiated Spurious Emission Measurements (26 Tones) – UNII 1

Worst Case Mode: 802.11be (20MHz BW)
Worst Case Transfer Rate: MCS0
Distance of Measurements: 1 & 3 Meters

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]
802.11be RU 26T	MIMO	1	36	5180	4		10360.00	Peak	H	-	-	-71.05	16.03	0.00	51.98	68.20	-16.22
						*	15540.00	Average	H	-	-	-82.25	23.04	0.00	47.79	53.98	-6.19
						*	15540.00	Peak	H	-	-	-72.06	23.04	0.00	57.98	73.98	-16.00
						*	20720.00	Average	H	-	-	-65.31	3.16	-9.54	35.31	53.98	-18.67
						*	20720.00	Peak	H	-	-	-55.31	3.16	-9.54	45.31	73.98	-28.67
			40	5200	4		25900.00	Peak	H	-	-	-52.98	4.24	-9.54	48.72	68.20	-19.48
							10400.00	Peak	H	-	-	-71.32	16.25	0.00	51.93	68.20	-16.27
						*	15600.00	Average	H	-	-	-81.89	23.40	0.00	48.51	53.98	-5.47
						*	15600.00	Peak	H	-	-	-71.99	23.40	0.00	58.41	73.98	-15.57
						*	20800.00	Average	H	-	-	-65.16	3.15	-9.54	35.45	53.98	-18.53
			48	5240	4	*	20800.00	Peak	H	-	-	-54.11	3.15	-9.54	46.50	73.98	-27.48
							26000.00	Peak	H	-	-	-55.02	4.16	-9.54	46.60	68.20	-21.60
							10480.00	Peak	H	-	-	-71.58	16.26	0.00	51.68	68.20	-16.52
						*	15720.00	Average	H	-	-	-82.36	23.33	-9.54	38.43	53.98	-15.55
						*	15720.00	Peak	H	-	-	-72.33	23.33	-9.54	48.46	73.98	-25.52
							20960.00	Peak	H	-	-	-55.03	3.27	-9.54	45.70	68.20	-22.50
							26200.00	Peak	H	-	-	-53.12	3.96	-9.54	48.30	68.20	-19.90

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

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 138 of 175



MIMO Radiated Spurious Emission Measurements (26 Tones) – UNII 2A

Worst Case Mode: 802.11be (20MHz BW)
Worst Case Transfer Rate: MCS0
Distance of Measurements: 1 & 3 Meters

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]
802.11be RU 26T	MIMO	2A	52	5260	4		10520.00	Peak	H	-	-	-71.32	16.33	0.00	52.01	68.20	-16.19
						*	15780.00	Average	H	-	-	-81.79	23.33	0.00	48.54	53.98	-5.44
						*	15780.00	Peak	H	-	-	-71.80	23.33	0.00	58.53	73.98	-15.45
						*	21040.00	Average	H	-	-	-64.99	3.35	-9.54	35.82	53.98	-18.16
						*	21040.00	Peak	H	-	-	-55.31	3.35	-9.54	45.50	73.98	-28.48
							26300.00	Peak	H	-	-	-54.44	3.91	-9.54	46.93	68.20	-21.27
			56	5280	4		10560.00	Peak	H	-	-	-70.88	16.58	0.00	52.70	68.20	-15.50
						*	15840.00	Average	H	-	-	-82.34	23.62	0.00	48.28	53.98	-5.70
						*	15840.00	Peak	H	-	-	-72.41	23.62	0.00	58.21	73.98	-15.77
						*	21120.00	Average	H	-	-	-65.62	3.46	-9.54	35.30	53.98	-18.68
						*	21120.00	Peak	H	-	-	-54.11	3.46	-9.54	46.81	73.98	-27.17
							26400.00	Peak	H	-	-	-52.79	3.71	-9.54	48.38	68.20	-19.82
			64	5320	4	*	10640.00	Average	H	-	-	-81.55	16.85	0.00	42.30	53.98	-11.67
						*	10640.00	Peak	H	-	-	-71.35	16.85	0.00	52.50	73.98	-21.48
						*	15960.00	Average	H	-	-	-82.07	24.02	0.00	48.95	53.98	-5.03
						*	15960.00	Peak	H	-	-	-71.59	24.02	0.00	59.43	73.98	-14.55
						*	21280.00	Average	H	-	-	-65.32	3.58	-9.54	35.72	53.98	-18.26
						*	21280.00	Peak	H	-	-	-55.08	3.58	-9.54	45.96	73.98	-28.02
							26600.00	Peak	H	-	-	-54.62	3.91	-9.54	46.75	68.20	-21.45

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

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 139 of 175



MIMO Radiated Spurious Emission Measurements (26 Tones) – UNII 2C

Worst Case Mode: 802.11be (20MHz BW)
Worst Case Transfer Rate: MCS0
Distance of Measurements: 1 & 3 Meters

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]
802.11be RU 26T	MIMO	2C	100	5500	4	*	11000.00	Average	H	-	-	-81.53	17.49	0.00	42.96	53.98	-11.02
						*	11000.00	Peak	H	-	-	-71.10	17.49	-9.54	43.85	73.98	-30.13
							16500.00	Peak	H	-	-	-72.17	25.00	-9.54	50.29	68.20	-17.91
							22000.00	Peak	H	-	-	-55.33	3.53	-9.54	45.66	68.20	-22.54
							27500.00	Peak	H	-	-	-52.89	3.97	-9.54	48.54	68.20	-19.66
			120	5600	4	*	11200.00	Average	H	-	-	-81.05	17.61	0.00	43.56	53.98	-10.42
						*	11200.00	Peak	H	-	-	-70.83	17.61	0.00	53.78	73.98	-20.20
							16800.00	Peak	H	-	-	-72.45	24.98	0.00	59.53	68.20	-8.67
						*	22400.00	Average	H	-	-	-64.89	3.58	-9.54	36.15	53.98	-17.83
						*	22400.00	Peak	H	-	-	-55.42	3.58	-9.54	45.62	73.98	-28.36
			144	5720	4		28000.00	Peak	H	-	-	-53.64	4.52	-9.54	48.34	68.20	-19.86
						*	11440.00	Average	H	-	-	-81.61	18.15	0.00	43.54	53.98	-10.44
						*	11440.00	Peak	H	-	-	-71.32	18.15	0.00	53.83	73.98	-20.15
							17160.00	Peak	H	-	-	-71.59	25.10	0.00	60.51	68.20	-7.69
						*	22880.00	Average	H	-	-	-65.49	3.76	-9.54	35.73	53.98	-18.25
						*	22880.00	Peak	H	-	-	-55.07	3.76	-9.54	46.15	73.98	-27.83
							28600.00	Peak	H	-	-	-54.62	4.96	-9.54	47.80	68.20	-20.40

Table 7-33. Radiated Measurements MIMO (26 Tones)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 140 of 175



MIMO Radiated Spurious Emission Measurements (26 Tones) – UNII 3

Worst Case Mode: 802.11be (20MHz BW)
Worst Case Transfer Rate: MCS0
Distance of Measurements: 1 & 3 Meters

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]
802.11be RU 26T	MIMO	3	149	5745	4	*	11490.00	Average	H	-	-	-81.89	18.28	0.00	43.39	53.98	-10.59
						*	11490.00	Peak	H	-	-	-71.23	18.28	0.00	54.05	73.98	-19.93
							17235.00	Peak	H	-	-	-72.21	25.51	0.00	60.30	68.20	-7.90
						*	22980.00	Average	H	-	-	-65.32	3.66	-9.54	35.80	53.98	-18.18
						*	22980.00	Peak	H	-	-	-55.12	3.66	-9.54	46.00	73.98	-27.98
			157	5785	4		28725.00	Peak	H	-	-	-53.12	5.05	-9.54	49.39	68.20	-18.81
						*	11570.00	Average	H	-	-	-81.56	18.16	0.00	43.60	53.98	-10.38
						*	11570.00	Peak	H	-	-	-71.06	18.16	0.00	54.10	73.98	-19.88
							17355.00	Peak	H	-	-	-72.70	26.74	0.00	61.04	68.20	-7.16
							23140.00	Peak	H	-	-	-54.12	3.65	-9.54	46.99	68.20	-21.21
							28925.00	Peak	H	-	-	-52.64	4.92	-9.54	49.74	68.20	-18.46
			165	5825	4	*	11650.00	Average	H	-	-	-81.68	18.25	0.00	43.57	53.98	-10.41
						*	11650.00	Peak	H	-	-	-71.70	18.25	0.00	53.55	73.98	-20.43
							17475.00	Peak	H	-	-	-71.96	26.50	0.00	61.54	68.20	-6.66
							23300.00	Peak	H	-	-	-55.61	3.55	-9.54	45.40	68.20	-22.80
							29125.00	Peak	H	-	-	-51.49	5.01	-9.54	50.98	68.20	-17.22

Table 7-34. Radiated Measurements MIMO (26 Tones)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 141 of 175



MIMO Radiated Spurious Emission Measurements (26 Tones) – UNII 4

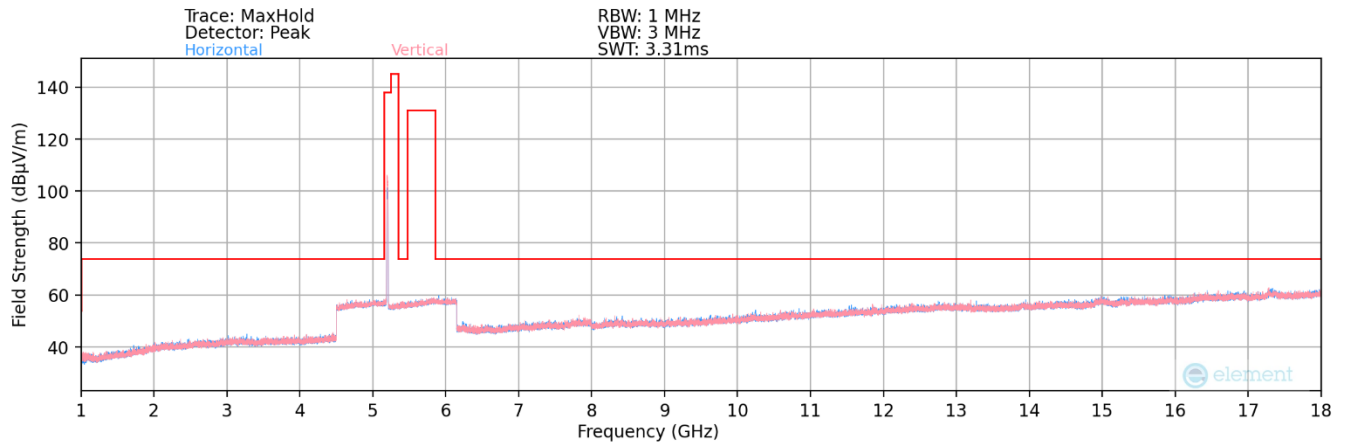
Worst Case Mode: 802.11be (20MHz BW)
Worst Case Transfer Rate: MCS0
Distance of Measurements: 1 & 3 Meters

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]
802.11be RU 26T	ANT1	4	169	5845	4	*	11690.00	Average	H	-	-	-81.65	18.65	0.00	44.00	53.98	-9.98
						*	11690.00	Peak	H	-	-	-71.73	18.65	0.00	53.92	73.98	-20.06
							17535.00	Peak	H	-	-	-72.70	26.34	0.00	60.64	68.20	-7.56
							23380.00	Peak	H	-	-	-56.46	3.53	-9.54	44.53	68.20	-23.67
							29225.00	Peak	H	-	-	-53.49	5.04	-9.54	49.01	68.20	-19.19
			173	5865	4	*	11730.00	Average	H	-	-	-81.62	18.20	0.00	43.58	53.98	-10.40
						*	11730.00	Peak	H	-	-	-71.53	18.20	0.00	53.67	73.98	-20.31
							17595.00	Peak	H	-	-	-72.98	26.29	0.00	60.31	68.20	-7.89
							23460.00	Peak	H	-	-	-55.41	3.57	-9.54	45.62	68.20	-22.58
							29325.00	Peak	H	-	-	-53.12	5.14	-9.54	49.48	68.20	-18.72
			177	5885	4	*	11770.00	Average	H	-	-	-81.79	18.48	0.00	43.69	53.98	-10.29
						*	11770.00	Peak	H	-	-	-71.29	18.48	0.00	54.19	73.98	-19.79
							17655.00	Peak	H	-	-	-72.19	26.16	0.00	60.97	68.20	-7.23
							23540.00	Peak	H	-	-	-54.89	3.57	-9.54	46.14	68.20	-22.06
							29425.00	Peak	H	-	-	-53.46	5.13	-9.54	49.13	68.20	-19.07

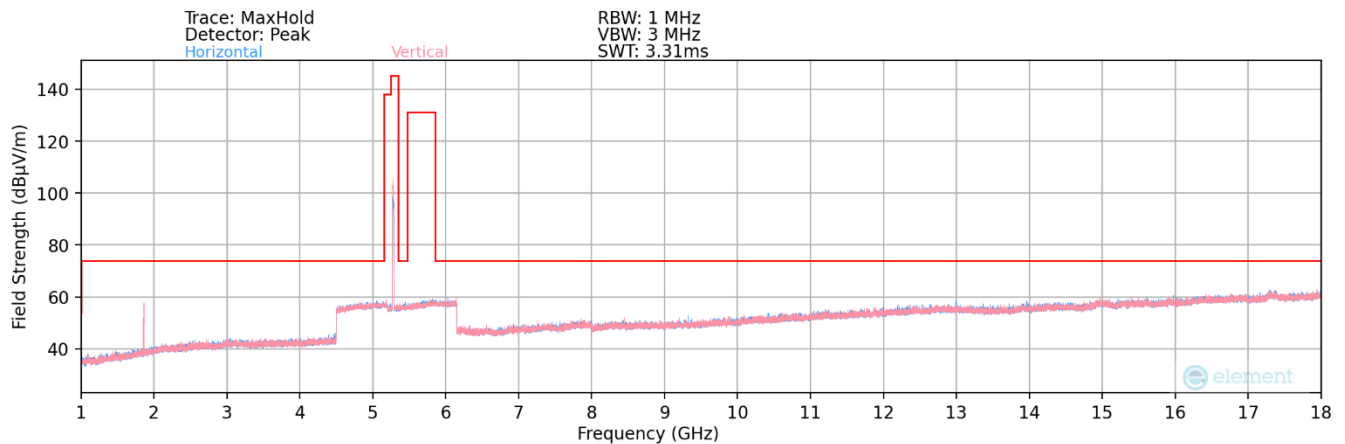
Table 7-35. Radiated Measurements MIMO (26 Tones)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 142 of 175

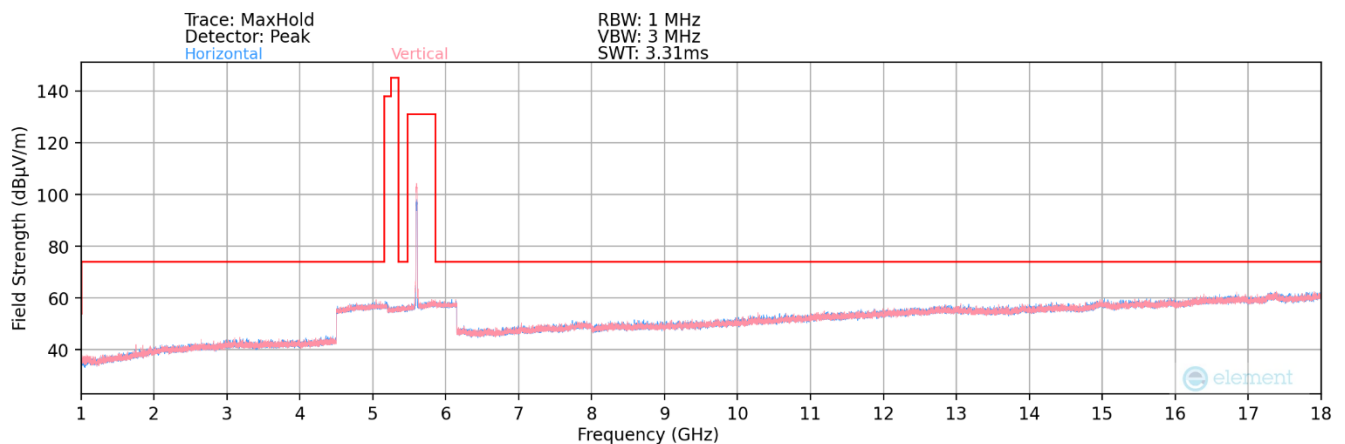
7.6.2 MIMO Radiated Spurious Emission Measurements (242 Tones)



Plot 7-204. Radiated Spurious Plot above 1GHz MIMO (802.11be – UNII 1 Ch. 40)

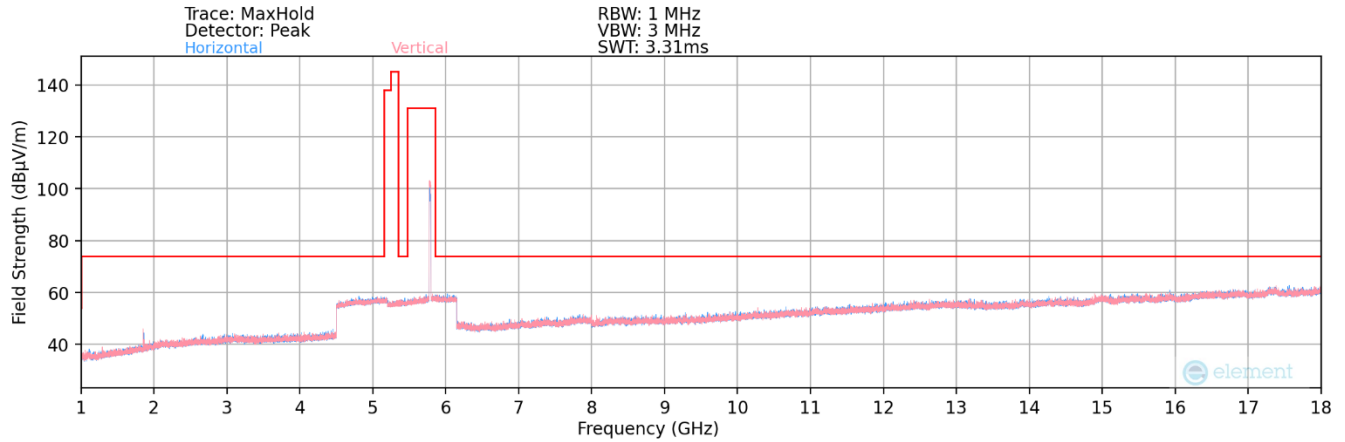


Plot 7-205. Radiated Spurious Plot above 1GHz MIMO (802.11be – UNII 2A Ch. 56)

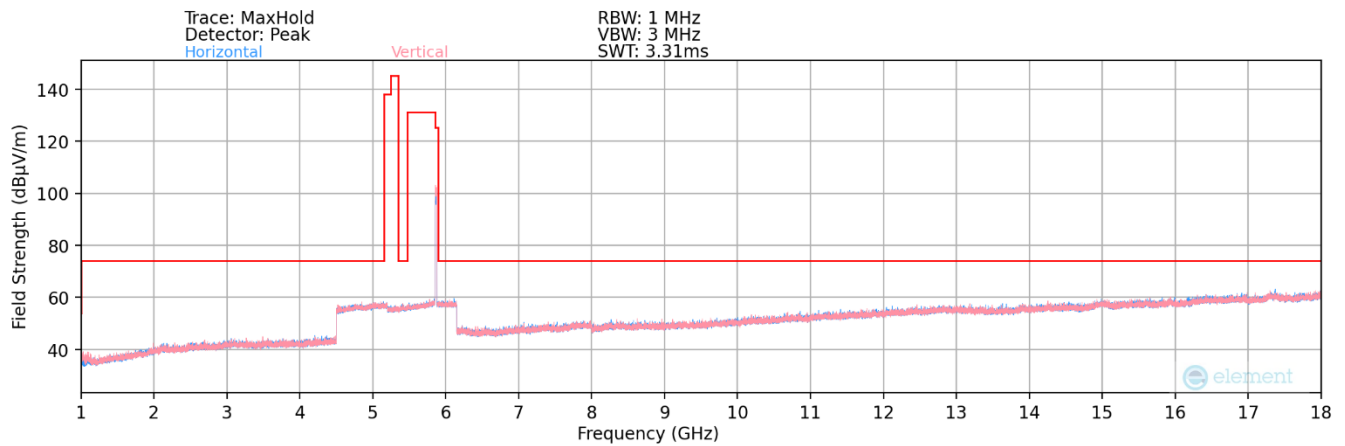


Plot 7-206. Radiated Spurious Plot above 1GHz MIMO (802.11be – UNII 2C Ch. 120)

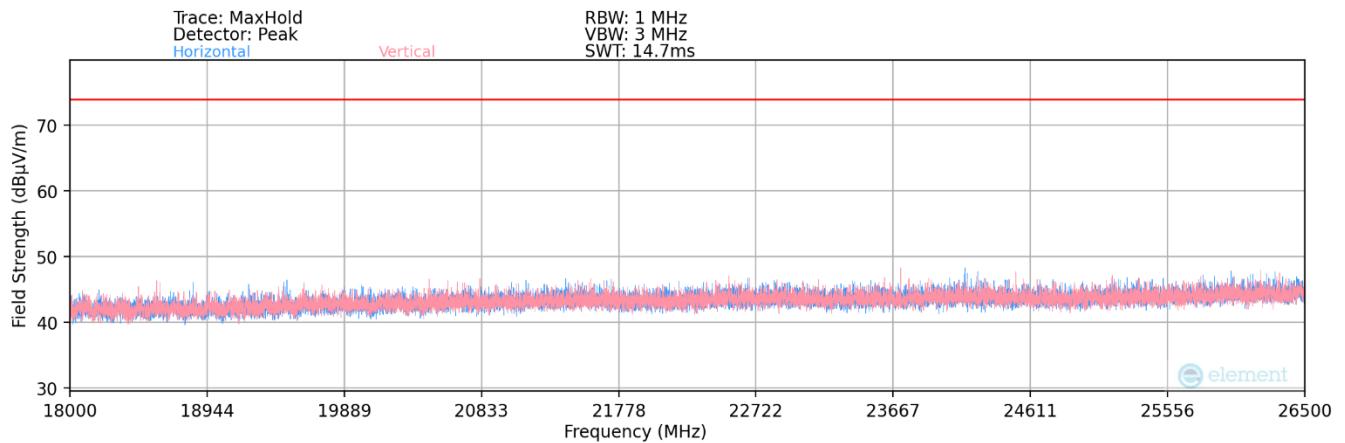
FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 143 of 175



Plot 7-207. Radiated Spurious Plot above 1GHz MIMO (802.11be – UNII 3 Ch. 157)

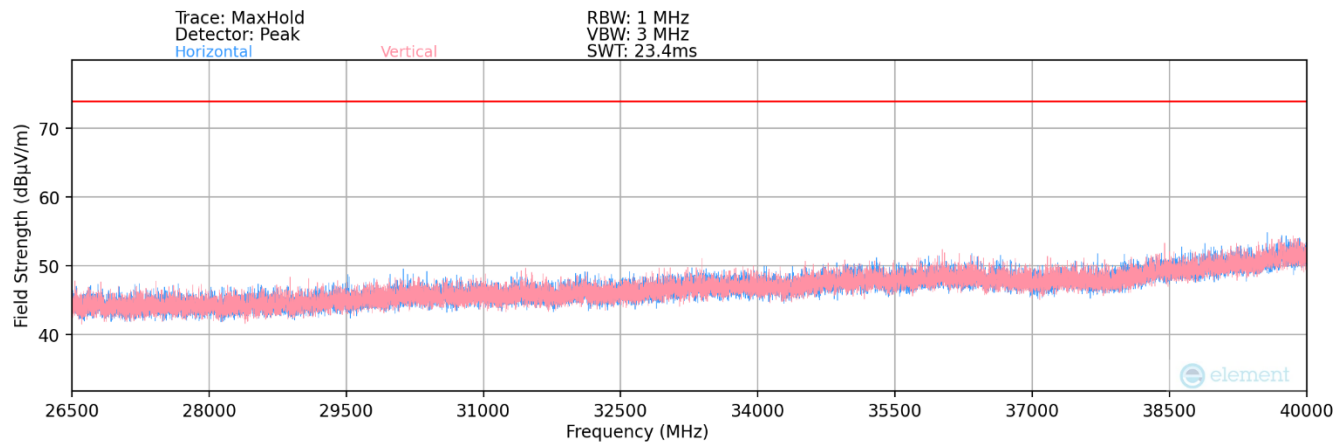


Plot 7-208. Radiated Spurious Plot above 1GHz MIMO (802.11be – UNII 4 Ch. 173)



Plot 7-209. Radiated Spurious Plot 18GHz - 26.5GHz (802.11be)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 144 of 175



Plot 7-210. Radiated Spurious Plot 26.5GHz - 40GHz (802.11be)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 145 of 175



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

Worst Case Mode: 802.11be (20MHz BW)
Worst Case Transfer Rate: MCS0
Distance of Measurements: 1 & 3 Meters

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	-	-	-70.35	16.03	0.00	52.68	68.20	-15.52
						*	15540.00	Average	H	-	-	-82.13	23.04	0.00	47.91	53.98	-6.07
						*	15540.00	Peak	H	-	-	-71.64	23.04	0.00	58.40	73.98	-15.58
						*	20720.00	Average	H	-	-	-65.23	3.16	-9.54	35.39	53.98	-18.59
						*	20720.00	Peak	H	-	-	-55.11	3.16	-9.54	45.51	73.98	-28.47
							25900.00	Peak	H	-	-	-54.03	4.24	-9.54	47.67	68.20	-20.53
			40	5200	61		10400.00	Peak	H	-	-	-71.39	16.25	0.00	51.86	68.20	-16.34
						*	15600.00	Average	H	-	-	-81.79	23.40	0.00	48.61	53.98	-5.37
						*	15600.00	Peak	H	-	-	-71.34	23.40	0.00	59.06	73.98	-14.92
						*	20800.00	Average	H	-	-	-64.98	3.15	-9.54	35.63	53.98	-18.35
						*	20800.00	Peak	H	-	-	-54.98	3.15	-9.54	45.63	73.98	-28.35
							26000.00	Peak	H	-	-	-52.87	4.16	-9.54	48.75	68.20	-19.45
			48	5240	61		10480.00	Peak	H	-	-	-71.23	16.26	0.00	52.03	68.20	-16.17
						*	15720.00	Average	H	-	-	-82.35	23.33	0.00	47.98	53.98	-6.00
						*	15720.00	Peak	H	-	-	-72.02	23.33	0.00	58.31	73.98	-15.67
							20960.00	Peak	H	-	-	-54.89	3.27	-9.54	45.84	68.20	-22.36
							26200.00	Peak	H	-	-	-53.12	3.96	-9.54	48.30	68.20	-19.90

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

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 146 of 175



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

Worst Case Mode: 802.11be (20MHz BW)
Worst Case Transfer Rate: MCS0
Distance of Measurements: 1 & 3 Meters

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]
802.11be RU 242T	MIMO	2A	52	5260	61		10520.00	Peak	H	-	-	-71.56	16.33	0.00	51.77	68.20	-16.43
						*	15780.00	Average	H	-	-	-82.23	23.33	0.00	48.10	53.98	-5.88
						*	15780.00	Peak	H	-	-	-72.26	23.33	0.00	58.07	73.98	-15.91
						*	21040.00	Average	H	-	-	-64.89	3.35	-9.54	35.92	53.98	-18.06
						*	21040.00	Peak	H	-	-	-55.19	3.35	-9.54	45.62	73.98	-28.36
							26300.00	Peak	H	-	-	-54.01	3.91	-9.54	47.36	68.20	-20.84
			56	5280	61		10560.00	Peak	H	-	-	-70.24	16.58	0.00	53.34	68.20	-14.86
						*	15840.00	Average	H	-	-	-82.25	23.62	0.00	48.37	53.98	-5.61
						*	15840.00	Peak	H	-	-	-71.47	23.62	0.00	59.15	73.98	-14.83
						*	21120.00	Average	H	-	-	-65.23	3.46	-9.54	35.69	53.98	-18.29
						*	21120.00	Peak	H	-	-	-54.87	3.46	-9.54	46.05	73.98	-27.93
							26400.00	Peak	H	-	-	-53.23	3.71	-9.54	47.94	68.20	-20.26
			64	5320	61	*	10640.00	Average	H	-	-	-81.56	16.85	0.00	42.29	53.98	-11.68
						*	10640.00	Peak	H	-	-	-70.29	16.85	0.00	53.56	73.98	-20.42
						*	15960.00	Average	H	-	-	-82.21	24.02	0.00	48.81	53.98	-5.17
						*	15960.00	Peak	H	-	-	-72.10	24.02	0.00	58.92	73.98	-15.06
						*	21280.00	Average	H	-	-	-65.23	3.58	-9.54	35.81	53.98	-18.17
						*	21280.00	Peak	H	-	-	-55.23	3.58	-9.54	45.81	73.98	-28.17
							26600.00	Peak	H	-	-	-53.49	3.91	-9.54	47.88	68.20	-20.32

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

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 147 of 175



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

Worst Case Mode: 802.11be (20MHz BW)
Worst Case Transfer Rate: MCS0
Distance of Measurements: 1 & 3 Meters

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]
802.11be RU 242T	MIMO	2C	100	5500	61	*	11000.00	Average	H	-	-	-81.42	17.49	0.00	43.07	53.98	-10.91
						*	11000.00	Peak	H	-	-	-71.52	17.49	-9.54	43.43	73.98	-30.55
							16500.00	Peak	H	-	-	-71.79	25.00	-9.54	50.67	68.20	-17.53
							22000.00	Peak	H	-	-	-54.87	3.53	-9.54	46.12	68.20	-22.08
							27500.00	Peak	H	-	-	-53.12	3.97	-9.54	48.31	68.20	-19.89
			120	5600	61	*	11200.00	Average	H	-	-	-81.00	17.61	0.00	43.61	53.98	-10.37
						*	11200.00	Peak	H	-	-	-70.91	17.61	0.00	53.70	73.98	-20.28
							16800.00	Peak	H	-	-	-71.90	24.98	0.00	60.08	68.20	-8.12
						*	22400.00	Average	H	-	-	-64.87	3.58	-9.54	36.17	53.98	-17.81
						*	22400.00	Peak	H	-	-	-55.12	3.58	-9.54	45.92	73.98	-28.06
			144	5720	61		28000.00	Peak	H	-	-	-54.02	4.52	-9.54	47.96	68.20	-20.24
						*	11440.00	Average	H	-	-	-81.51	18.15	0.00	43.64	53.98	-10.34
						*	11440.00	Peak	H	-	-	-70.65	18.15	0.00	54.50	73.98	-19.48
							17160.00	Peak	H	-	-	-71.51	25.10	0.00	60.59	68.20	-7.61
						*	22880.00	Average	H	-	-	-65.13	3.76	-9.54	36.09	53.98	-17.89
						*	22880.00	Peak	H	-	-	-55.23	3.76	-9.54	45.99	73.98	-27.99
							28600.00	Peak	H	-	-	-53.89	4.96	-9.54	48.53	68.20	-19.67

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

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 148 of 175



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

Worst Case Mode: 802.11be (20MHz BW)
Worst Case Transfer Rate: MCS0
Distance of Measurements: 1 & 3 Meters

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]
802.11be RU 242T	MIMO	3	149	5745	61	*	11490.00	Average	H	-	-	-81.98	18.28	0.00	43.30	53.98	-10.68
						*	11490.00	Peak	H	-	-	-71.11	18.28	0.00	54.17	73.98	-19.81
							17235.00	Peak	H	-	-	-71.26	25.51	0.00	61.25	68.20	-6.95
						*	22980.00	Average	H	-	-	-66.02	3.66	-9.54	35.10	53.98	-18.88
						*	22980.00	Peak	H	-	-	-55.23	3.66	-9.54	45.89	73.98	-28.09
			157	5785	61		28725.00	Peak	H	-	-	-54.12	5.05	-9.54	48.39	68.20	-19.81
						*	11570.00	Average	H	-	-	-81.50	18.16	0.00	43.66	53.98	-10.32
						*	11570.00	Peak	H	-	-	-71.17	18.16	0.00	53.99	73.98	-19.99
							17355.00	Peak	H	-	-	-72.46	26.74	0.00	61.28	68.20	-6.92
							23140.00	Peak	H	-	-	-54.98	3.65	-9.54	46.13	68.20	-22.07
			165	5825	61		28925.00	Peak	H	-	-	-53.22	4.92	-9.54	49.16	68.20	-19.04
						*	11650.00	Average	H	-	-	-81.68	18.25	0.00	43.57	53.98	-10.41
						*	11650.00	Peak	H	-	-	-71.43	18.25	0.00	53.82	73.98	-20.16
							17475.00	Peak	H	-	-	-72.74	26.50	0.00	60.76	68.20	-7.44
							23300.00	Peak	H	-	-	-55.32	3.55	-9.54	45.69	68.20	-22.51
							29125.00	Peak	H	-	-	-54.32	5.01	-9.54	48.15	68.20	-20.05

Table 7-39. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 149 of 175



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

Worst Case Mode: 802.11be (20MHz BW)
Worst Case Transfer Rate: MCS0
Distance of Measurements: 1 & 3 Meters

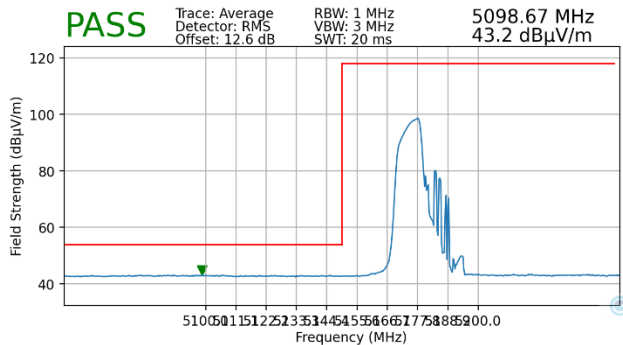
Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11be RU 242T	MIMO	4	169	5845	61	*	11690.00	Average	H	-	-	-81.41	18.65	0.00	44.24	53.98	-9.74
						*	11690.00	Peak	H	-	-	-71.44	18.65	0.00	54.21	73.98	-19.77
							17535.00	Peak	H	-	-	-72.63	26.34	0.00	60.71	68.20	-7.49
							23380.00	Peak	H	-	-	-56.12	3.53	-9.54	44.87	68.20	-23.33
							29225.00	Peak	H	-	-	-54.32	5.04	-9.54	48.18	68.20	-20.02
			173	5865	61	*	11730.00	Average	H	-	-	-81.62	18.20	0.00	43.58	53.98	-10.40
						*	11730.00	Peak	H	-	-	-71.18	18.20	0.00	54.02	73.98	-19.96
							17595.00	Peak	H	-	-	-71.45	26.29	0.00	61.84	68.20	-6.36
							23460.00	Peak	H	-	-	-55.89	3.57	-9.54	45.14	68.20	-23.06
							29325.00	Peak	H	-	-	-54.19	5.14	-9.54	48.41	68.20	-19.79
			177	5885	61	*	11770.00	Average	H	-	-	-81.67	18.48	0.00	43.81	53.98	-10.17
						*	11770.00	Peak	H	-	-	-71.70	18.48	0.00	53.78	73.98	-20.20
							17655.00	Peak	H	-	-	-71.67	26.16	0.00	61.49	68.20	-6.71
							23540.00	Peak	H	-	-	-55.12	3.57	-9.54	45.91	68.20	-22.29
							29425.00	Peak	H	-	-	-52.89	5.13	-9.54	49.70	68.20	-18.50

Table 7-40. Radiated Measurements MIMO (242 Tones)

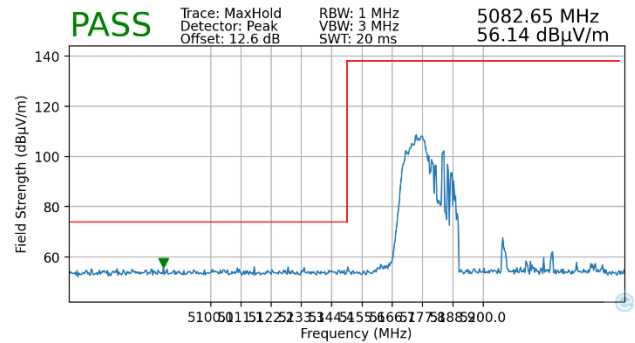
FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 150 of 175

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

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	53
Distance of Measurements:	3 Meters
Operating Frequency:	5180MHz
Channel:	36

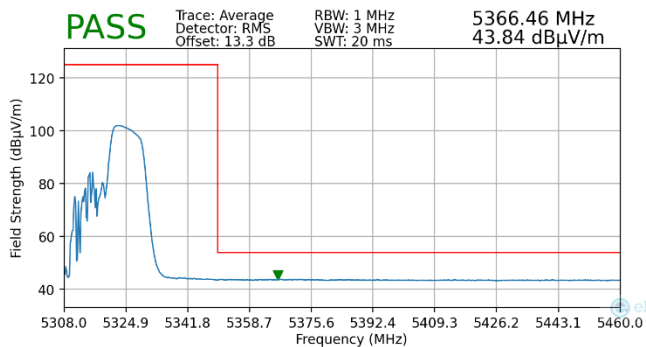


Plot 7-211. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 106 Tones)

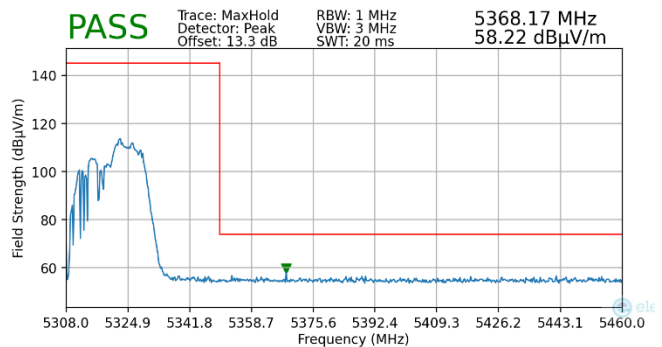


Plot 7-212. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 106 Tones)

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



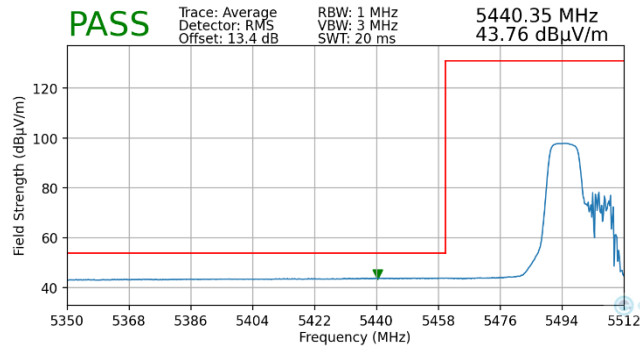
Plot 7-213. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 106 Tones)



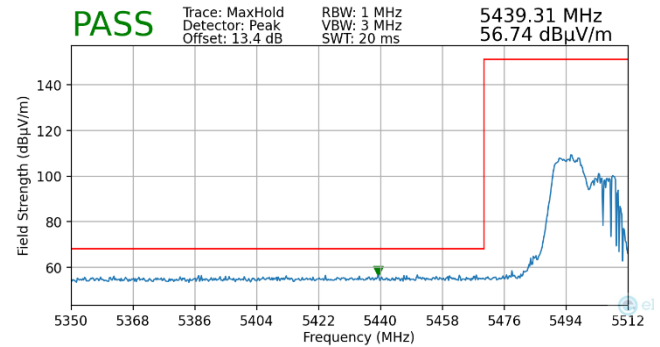
Plot 7-214. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 106 Tones)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 151 of 175

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

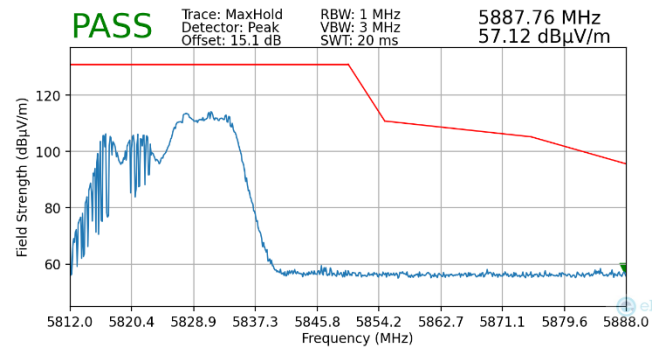


Plot 7-215. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 106 Tones)



Plot 7-216. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 106 Tones)

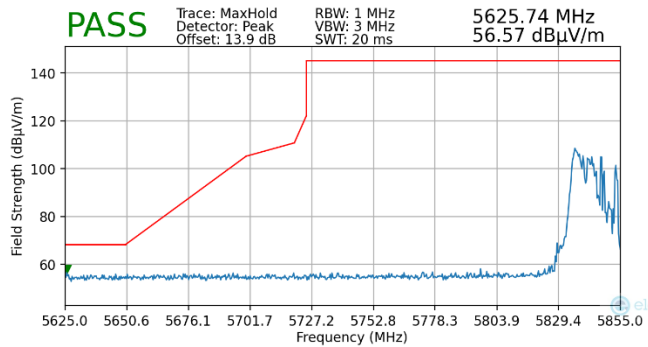
Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 3 Meters
 Operating Frequency: 5825MHz
 Channel: 165



Plot 7-217. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 106 Tones)

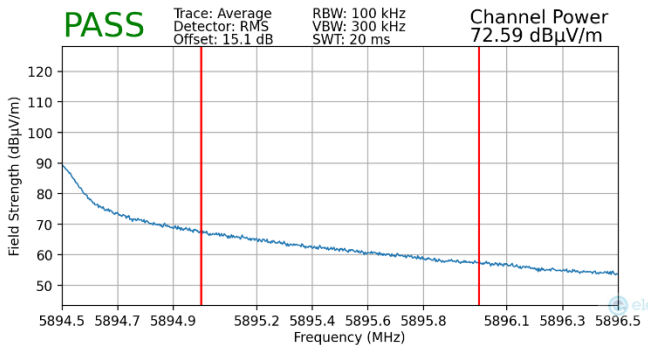
FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 152 of 175

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

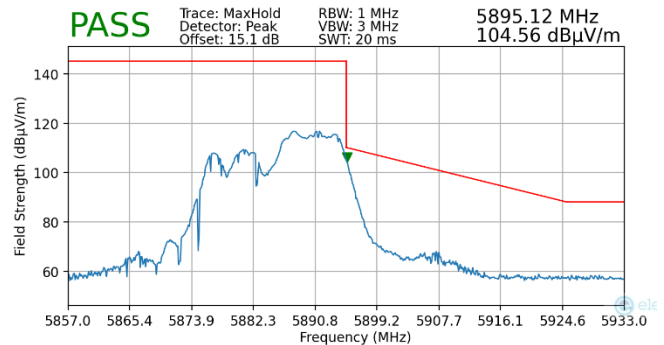


Plot 7-218. Radiated Lower Band Edge Plot MIMO (Peak - UNII Band 4 - 106 Tones)

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



Plot 7-219. Radiated Upper Band Edge Plot MIMO (Average - UNII Band 4 - 106 Tones)

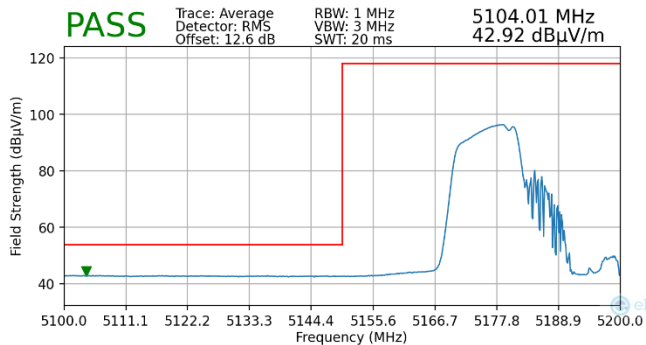


Plot 7-220. Radiated Upper Band Edge Plot MIMO (Peak - UNII Band 4 - 106 Tones)

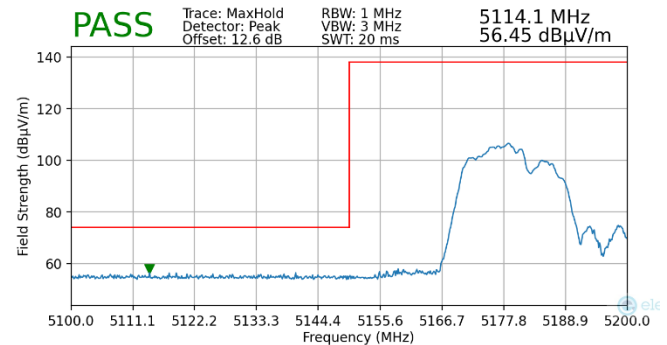
FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 153 of 175

7.6.4 MIMO Radiated Band Edge Measurements (20MHz BW – MRU – 106+26T)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	82
Distance of Measurements:	3 Meters
Operating Frequency:	5180MHz
Channel:	36

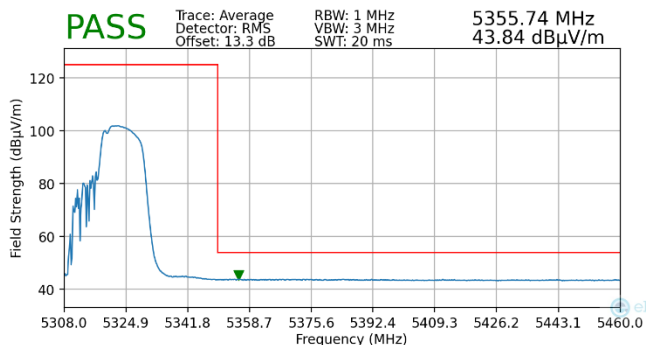


Plot 7-221. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 106+26 Tones)

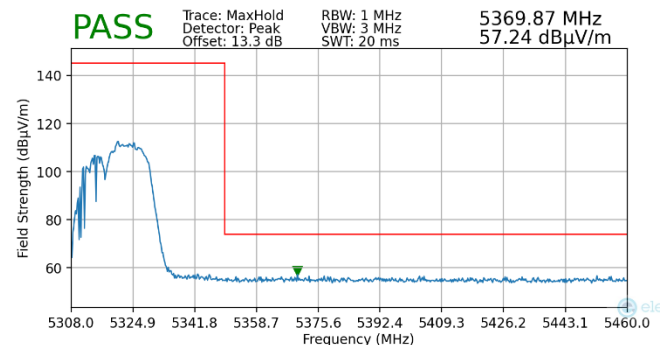


Plot 7-222. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 106+26 Tones)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	83
Distance of Measurements:	3 Meters
Operating Frequency:	5320MHz
Channel:	64



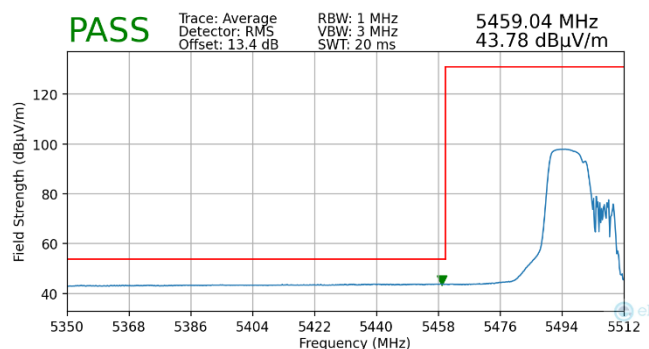
Plot 7-223. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 106+26 Tones)



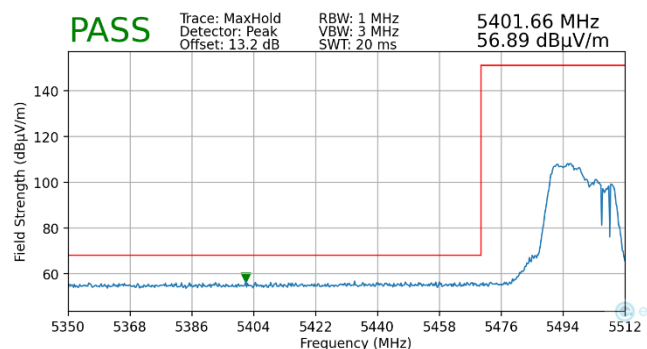
Plot 7-224. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 106+26 Tones)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 154 of 175

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 82
 Distance of Measurements: 3 Meters
 Operating Frequency: 5500MHz
 Channel: 100

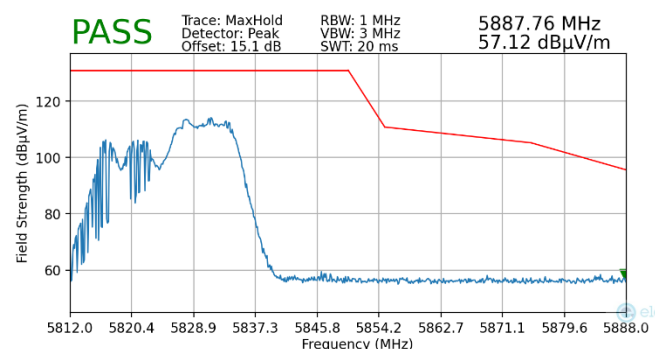


Plot 7-225. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 106+26 Tones)



Plot 7-226. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 106+26 Tones)

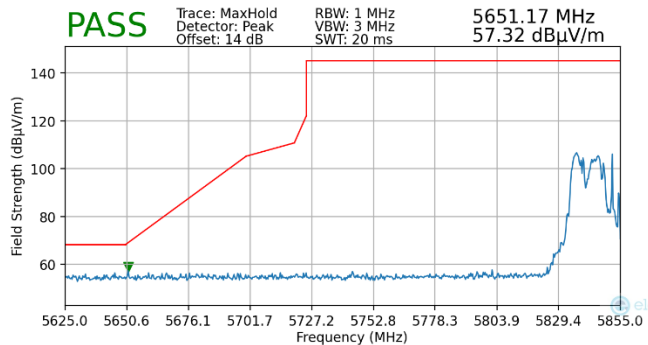
Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 3 Meters
 Operating Frequency: 5825MHz
 Channel: 165



Plot 7-227. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 106+26 Tones)

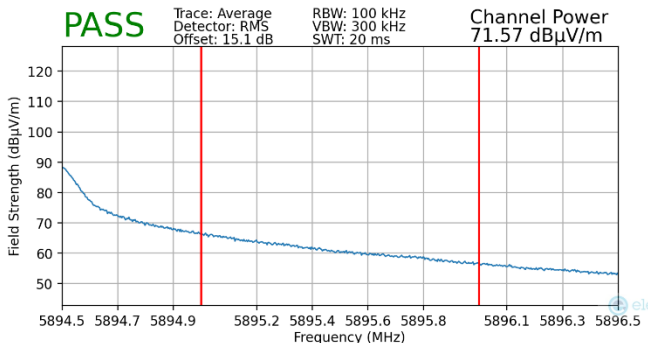
FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 155 of 175

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 82
 Distance of Measurements: 3 Meters
 Operating Frequency: 5845MHz
 Channel: 169

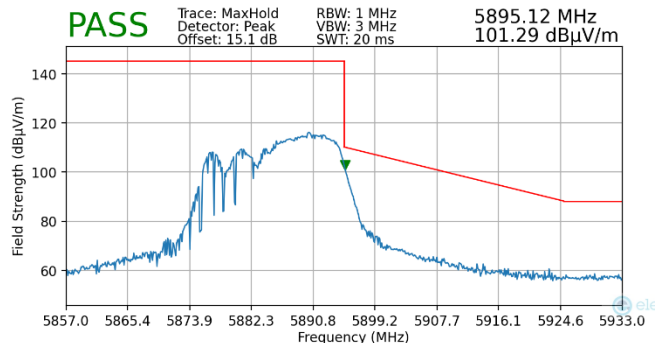


Plot 7-228. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – 106+26 Tones)

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 82
 Distance of Measurements: 3 Meters
 Operating Frequency: 5885MHz
 Channel: 177



Plot 7-229. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4 – 106+26 Tones)

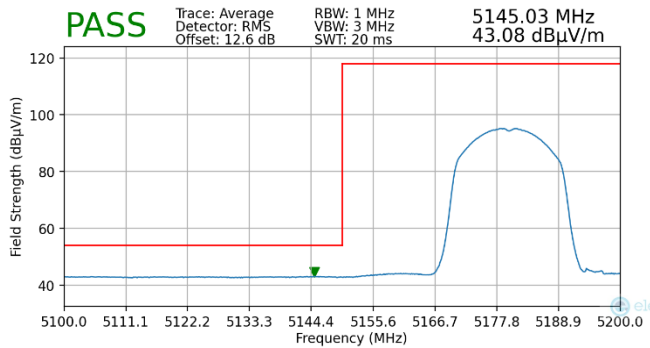


Plot 7-230. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4 – 106+26 Tones)

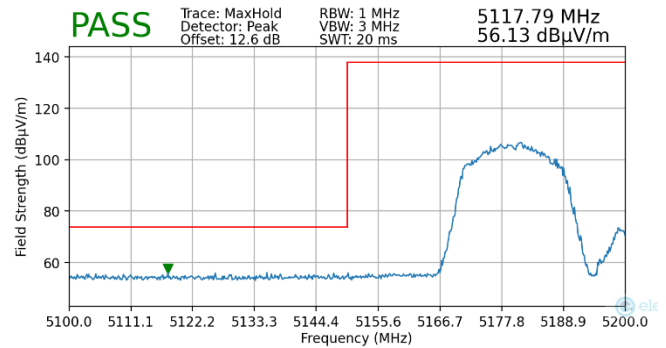
FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 156 of 175

7.6.5 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

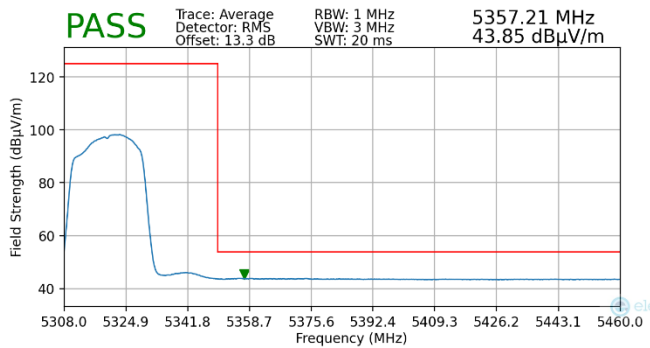


Plot 7-231. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 242 Tones)

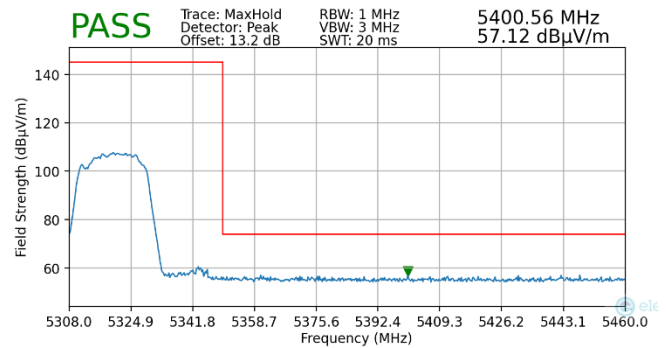


Plot 7-232. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 242 Tones)

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



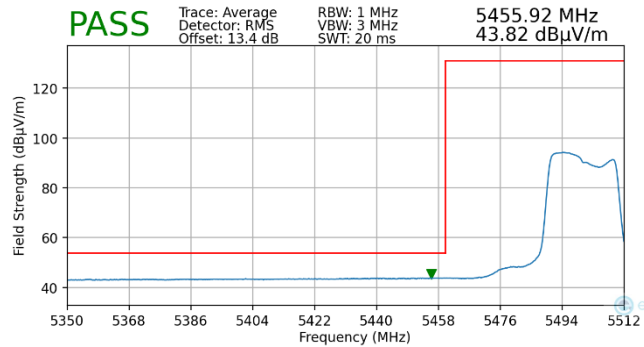
Plot 7-233. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 242 Tones)



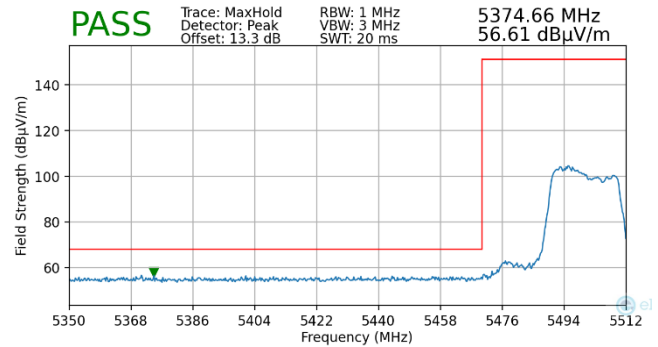
Plot 7-234. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 242 Tones)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 157 of 175

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

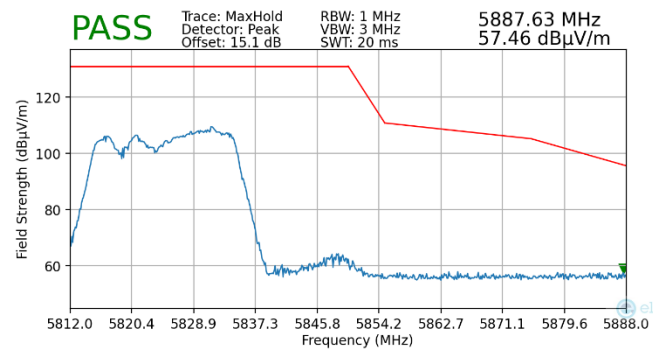


Plot 7-235. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 242 Tones)



Plot 7-236. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 242 Tones)

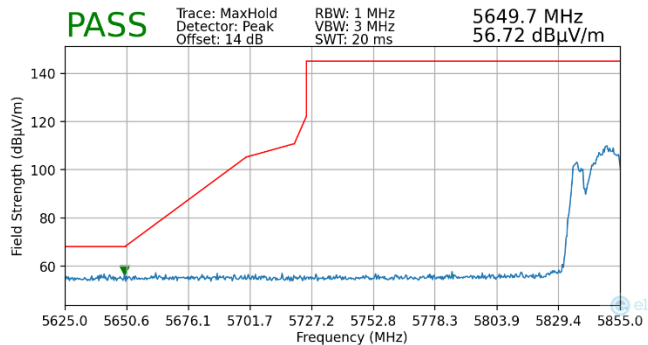
Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5825MHz
 Channel: 165



Plot 7-237. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 242 Tones)

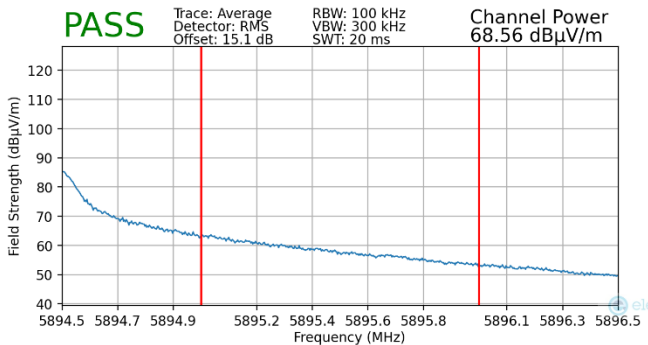
FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 158 of 175

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

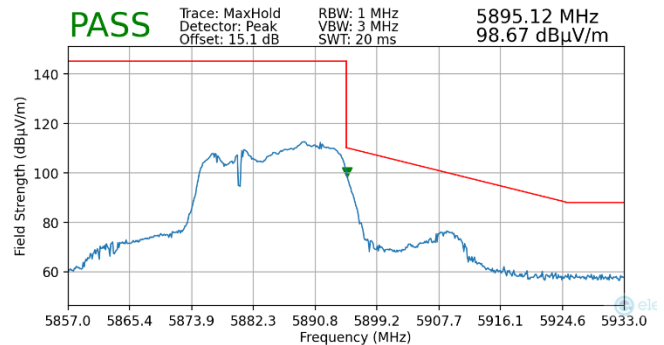


**Plot 7-238. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 4 – 242 Tones)**

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



**Plot 7-239. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 4 – 242 Tones)**

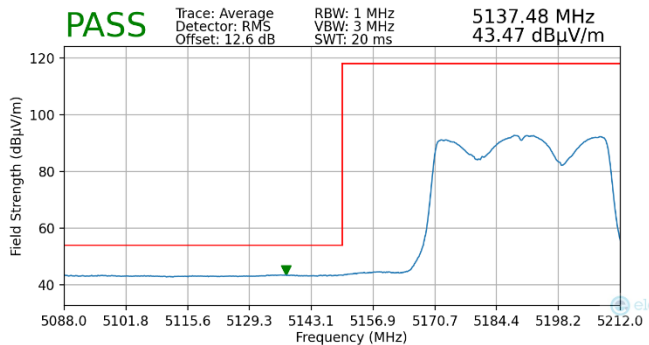


**Plot 7-240. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 4 – 242 Tones)**

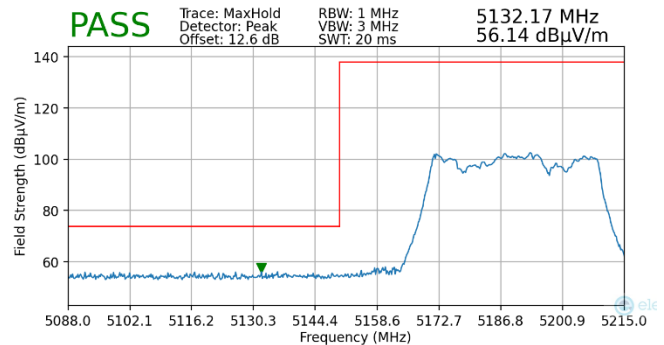
FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 159 of 175

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

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	65
Distance of Measurements:	3 Meters
Operating Frequency:	5190MHz
Channel:	38

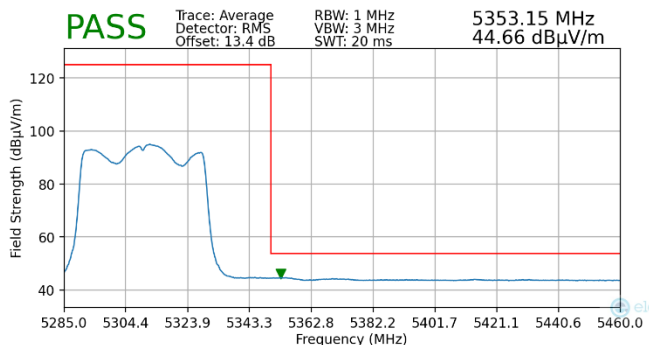


Plot 7-241. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 484 Tones)

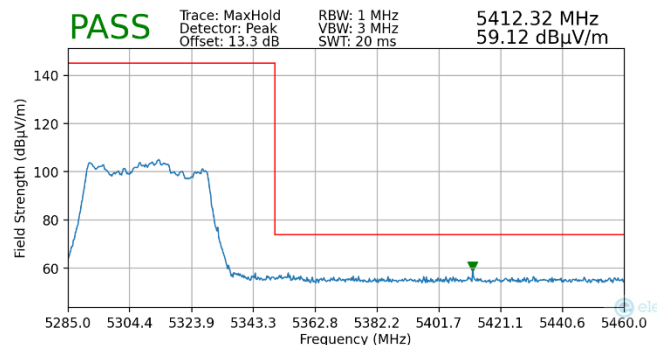


Plot 7-242. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 484 Tones)

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



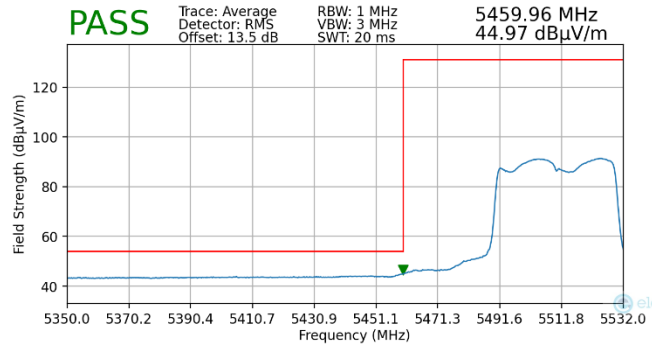
Plot 7-243. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 484 Tones)



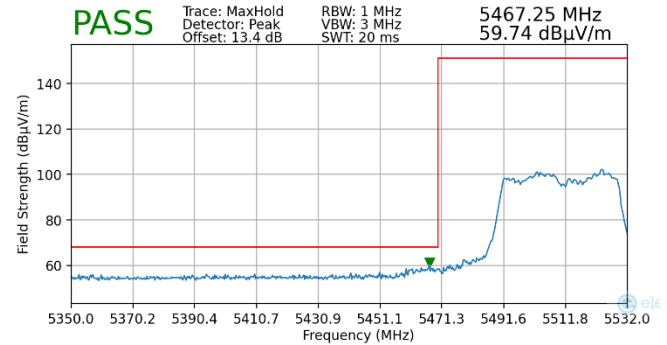
Plot 7-244. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 484 Tones)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 160 of 175

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

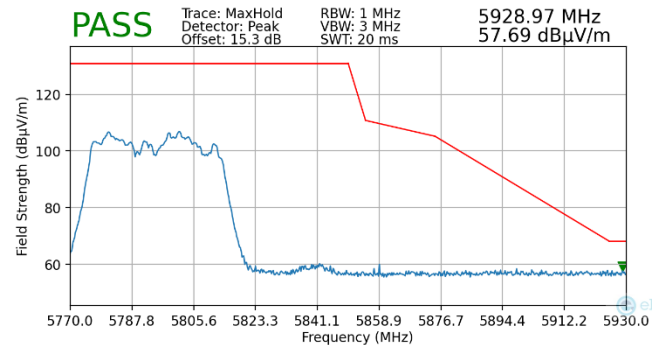


**Plot 7-245. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C – 484 Tones)**



**Plot 7-246. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 2C – 484 Tones)**

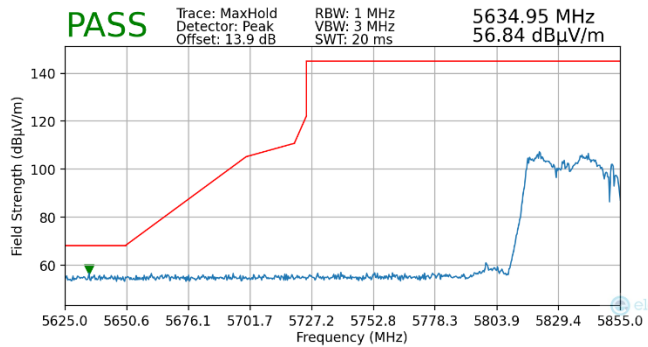
Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 65
 Distance of Measurements: 3 Meters
 Operating Frequency: 5795MHz
 Channel: 159



**Plot 7-247. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 3 – 484 Tones)**

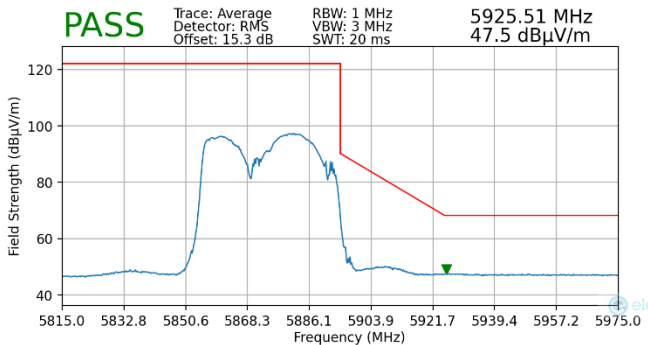
FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 161 of 175

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

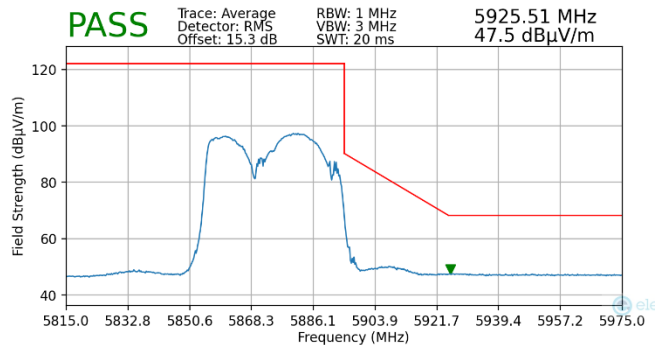


Plot 7-248. Radiated Lower Band Edge Plot MIMO (Peak - UNII Band 4 - 484 Tones)

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



Plot 7-249. Radiated Upper Band Edge Plot MIMO (Average - UNII Band 4 - 484 Tones)

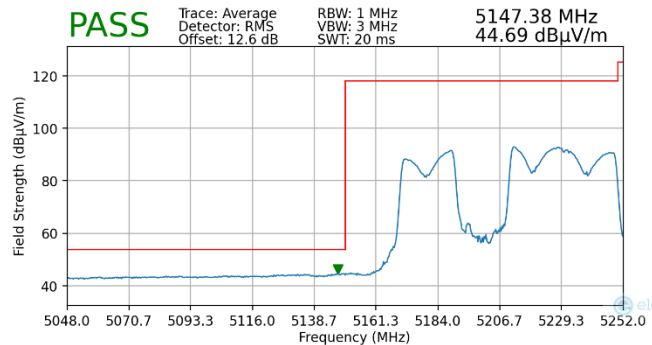


Plot 7-250. Radiated Upper Band Edge Plot MIMO (Peak - UNII Band 4 - 484 Tones)

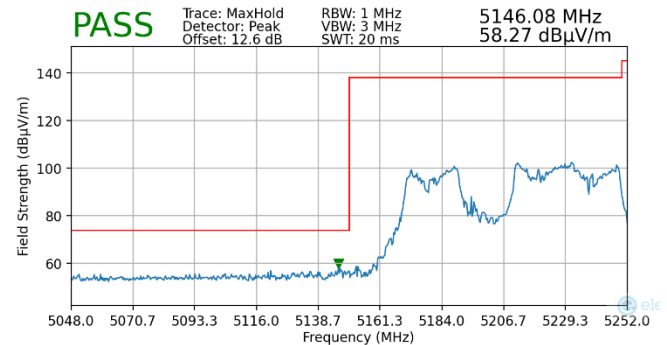
FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 162 of 175

7.6.7 MIMO Radiated Band Edge Measurements (80MHz BW – MRU – 484+242T)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	91
Distance of Measurements:	3 Meters
Operating Frequency:	5210MHz
Channel:	42

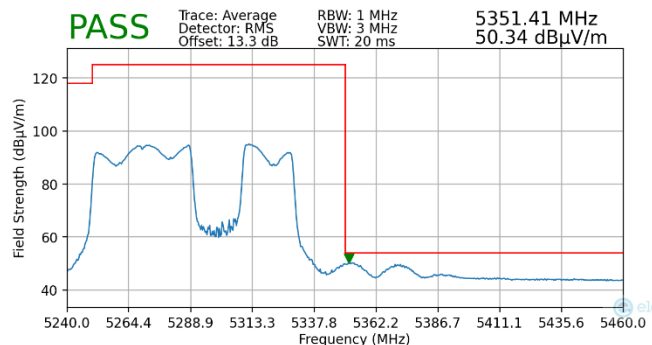


Plot 7-251. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 484+242 Tones)

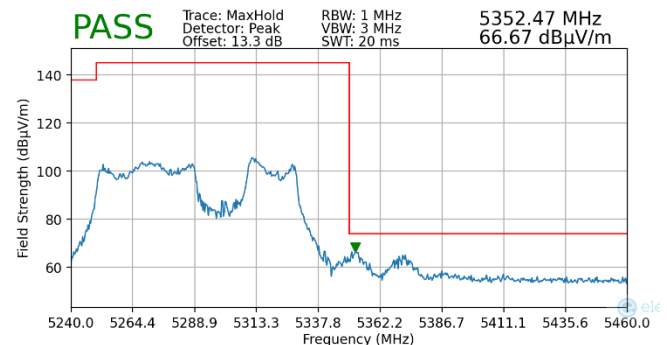


Plot 7-252. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 484+242 Tones)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	93
Distance of Measurements:	3 Meters
Operating Frequency:	5290MHz
Channel:	58



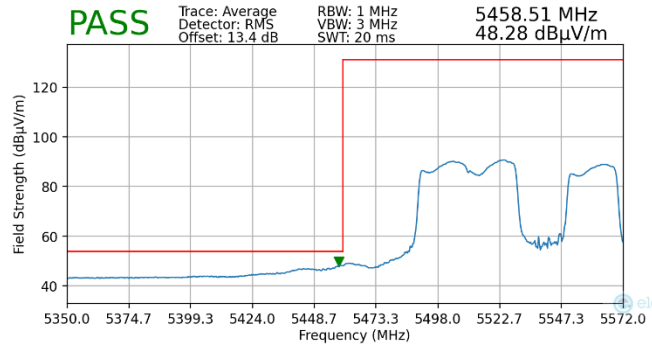
Plot 7-253. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 484+242 Tones)



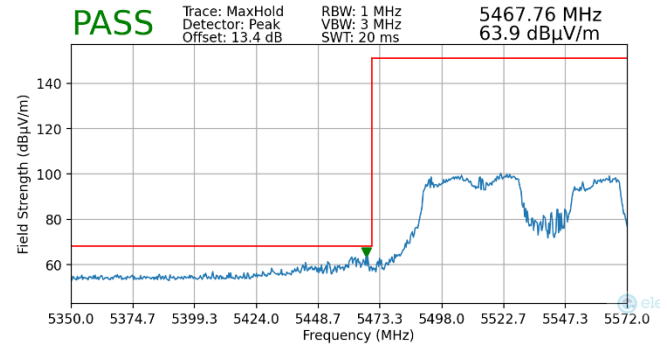
Plot 7-254. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 484+242 Tones)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 163 of 175

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 92
 Distance of Measurements: 3 Meters
 Operating Frequency: 5530MHz
 Channel: 106

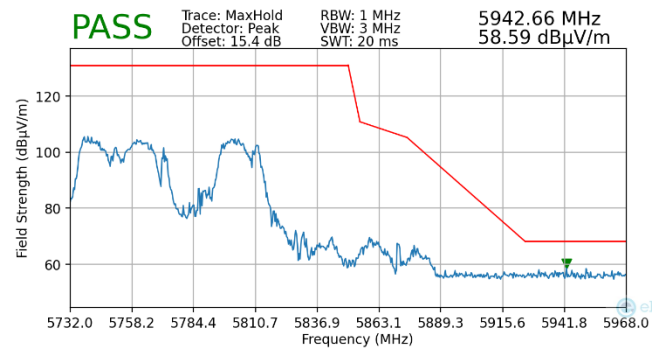


Plot 7-255. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 484+242 Tones)



Plot 7-256. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 484+242 Tones)

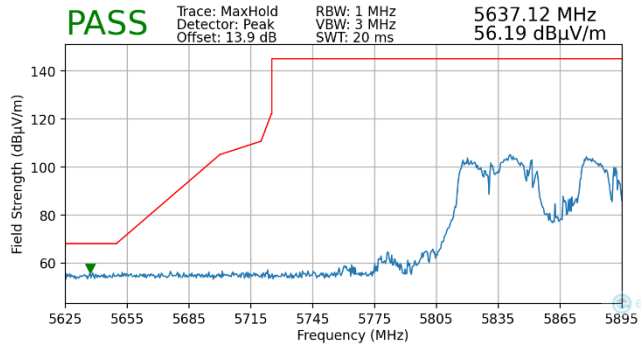
Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 92
 Distance of Measurements: 3 Meters
 Operating Frequency: 5775MHz
 Channel: 155



Plot 7-257. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 484+242 Tones)

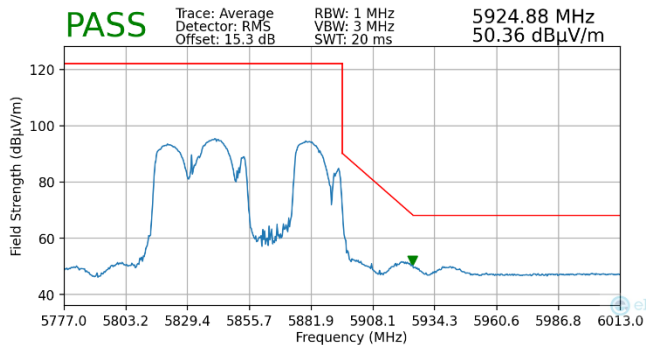
FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 164 of 175

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 91
 Distance of Measurements: 3 Meters
 Operating Frequency: 5855MHz
 Channel: 171

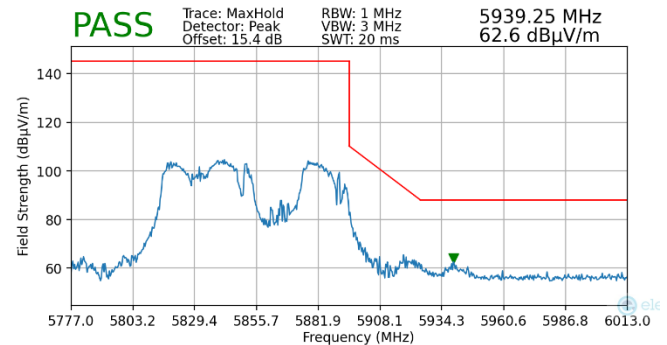


Plot 7-258. Radiated Lower Band Edge Plot MIMO (Peak - UNII Band 4 - 484+242 Tones)

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 91
 Distance of Measurements: 3 Meters
 Operating Frequency: 5855MHz
 Channel: 171



Plot 7-259. Radiated Upper Band Edge Plot MIMO (Average - UNII Band 4 - 484+242 Tones)

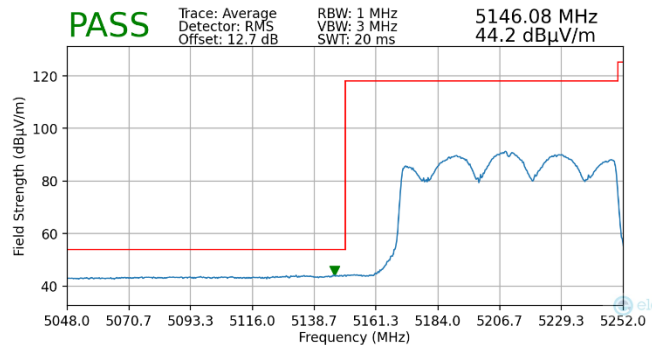


Plot 7-260. Radiated Upper Band Edge Plot MIMO (Peak - UNII Band 4 - 484+242 Tones)

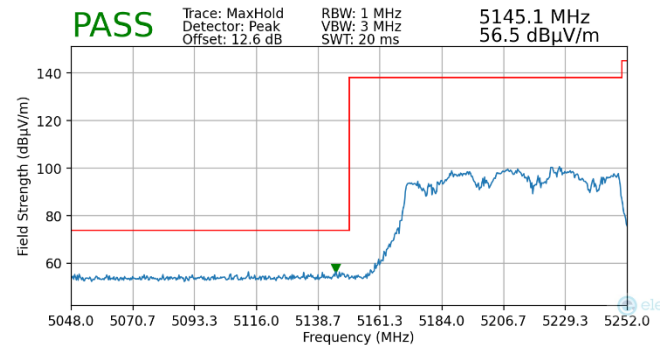
FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 165 of 175

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

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

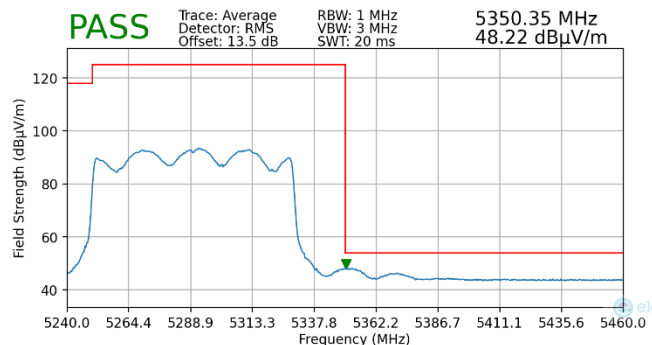


Plot 7-261. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 996 Tones)

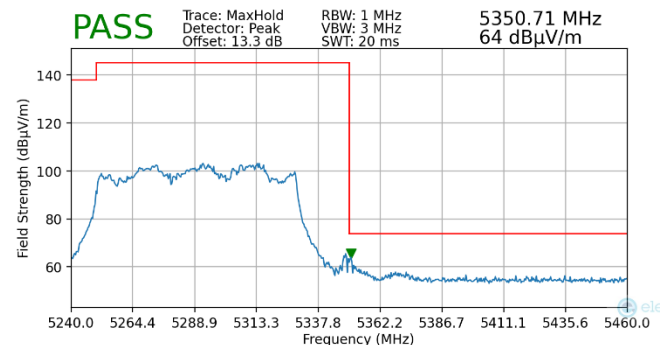


Plot 7-262. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 996 Tones)

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



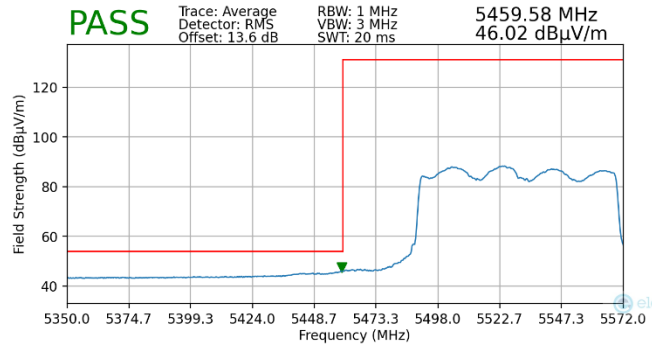
Plot 7-263. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 996 Tones)



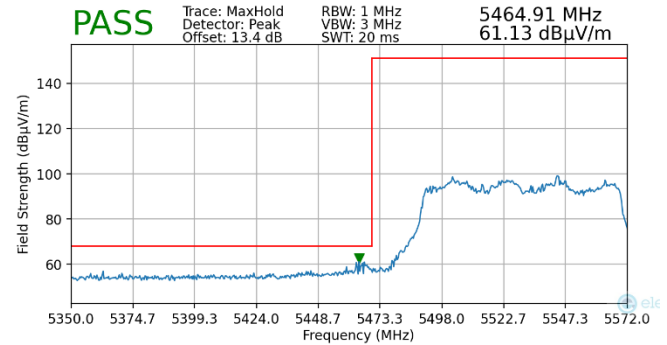
Plot 7-264. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 996 Tones)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 166 of 175

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 67
 Distance of Measurements: 3 Meters
 Operating Frequency: 5530MHz
 Channel: 106

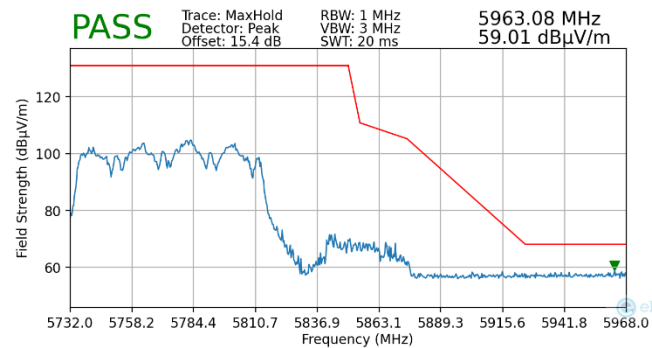


Plot 7-265. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 996 Tones)



Plot 7-266. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 996 Tones)

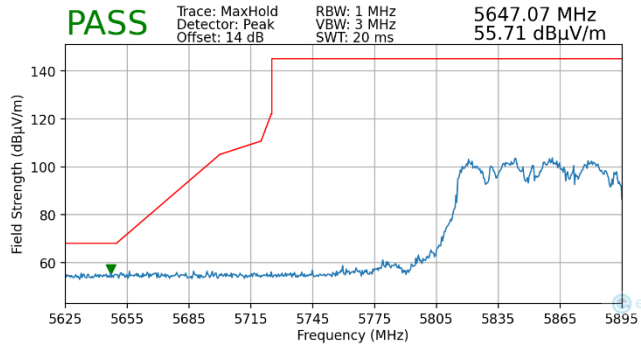
Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 67
 Distance of Measurements: 3 Meters
 Operating Frequency: 5775MHz
 Channel: 155



Plot 7-267. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 996 Tones)

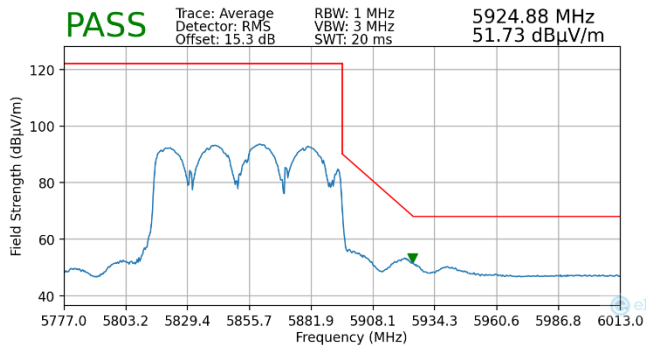
FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 167 of 175

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

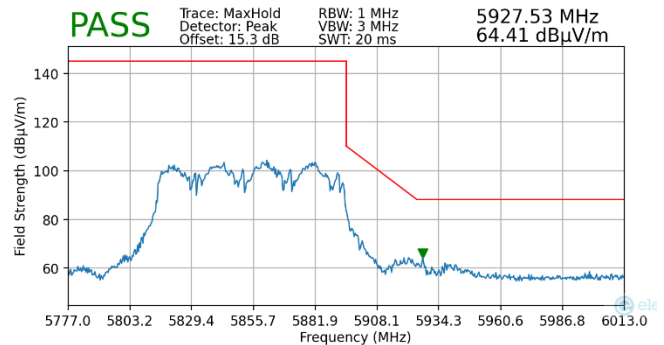


Plot 7-268. Radiated Lower Band Edge Plot MIMO (Peak - UNII Band 4 - 996 Tones)

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



Plot 7-269. Radiated Upper Band Edge Plot MIMO (Average - UNII Band 4 - 996 Tones)

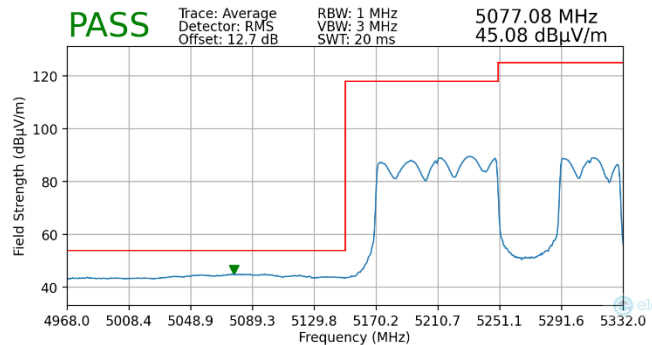


Plot 7-270. Radiated Upper Band Edge Plot MIMO (Peak - UNII Band 4 - 996 Tones)

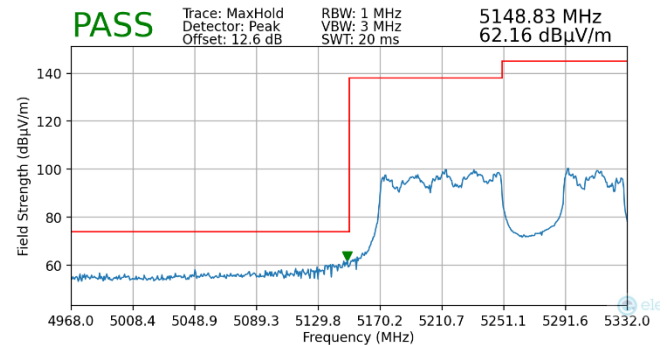
FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 168 of 175

7.6.9 MIMO Radiated Band Edge Measurements (160MHz BW – MRU – 996+484T)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	1095
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50

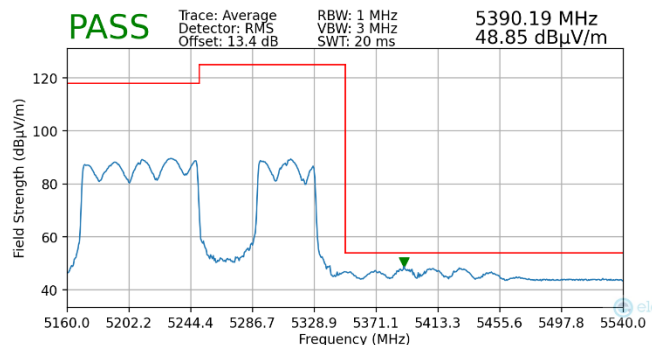


Plot 7-271. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 996+484 Tones)

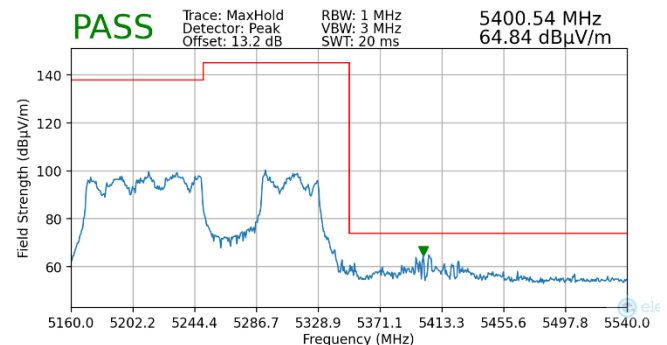


Plot 7-272. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 996+484 Tones)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	1095
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50



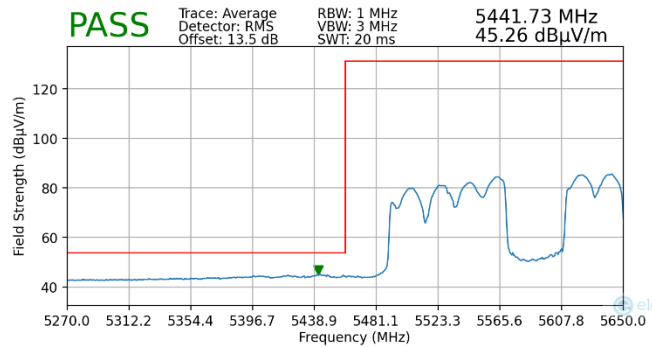
Plot 7-273. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 996+484 Tones)



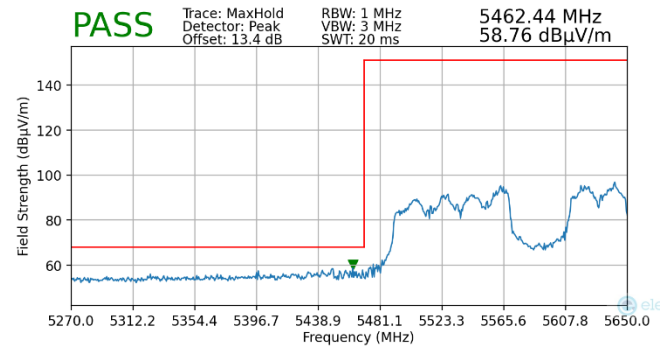
Plot 7-274. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 996+484 Tones)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 169 of 175

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 1094
 Distance of Measurements: 3 Meters
 Operating Frequency: 5570MHz
 Channel: 114

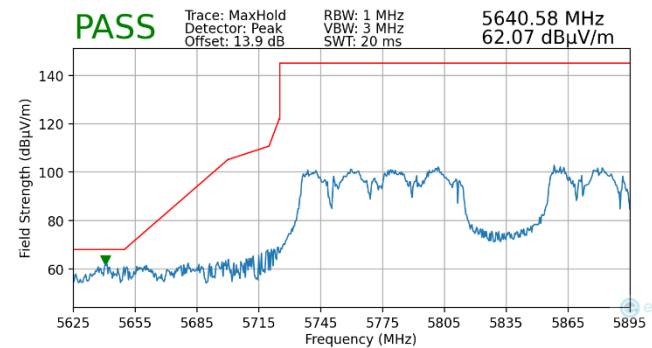


Plot 7-275. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 996+484 Tones)



Plot 7-276. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 996+484 Tones)

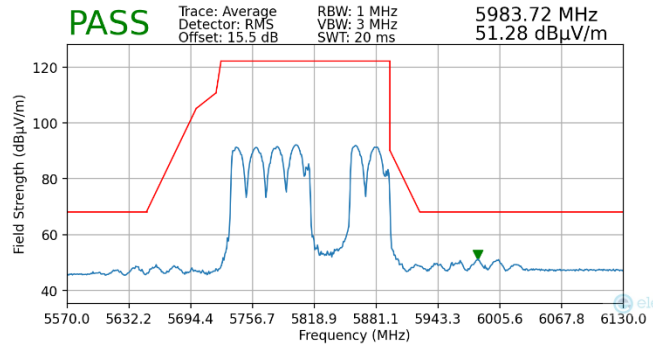
Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 1094
 Distance of Measurements: 3 Meters
 Operating Frequency: 5815MHz
 Channel: 163



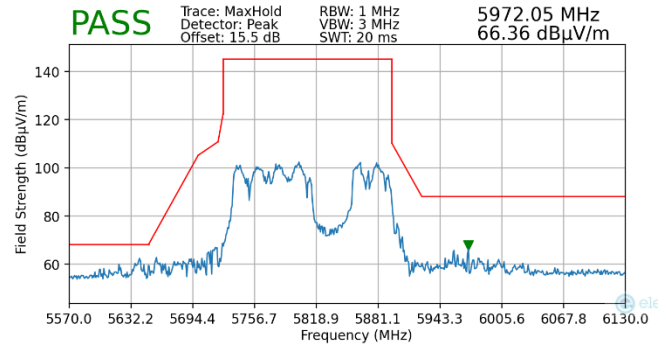
Plot 7-277. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – 996+484 Tones)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
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Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	1094
Distance of Measurements:	3 Meters
Operating Frequency:	5815MHz
Channel:	163



**Plot 7-278. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 4 – 2x996 Tones)**

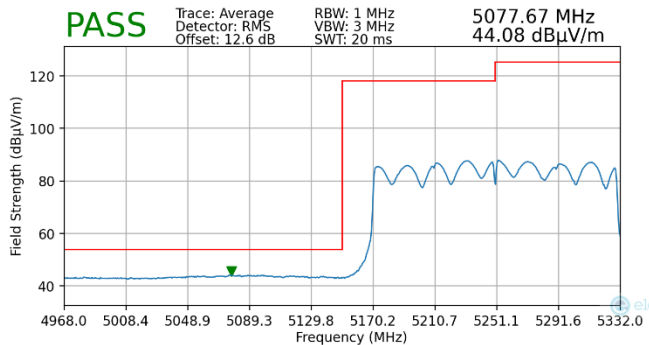


**Plot 7-279. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 4 – 2x996 Tones)**

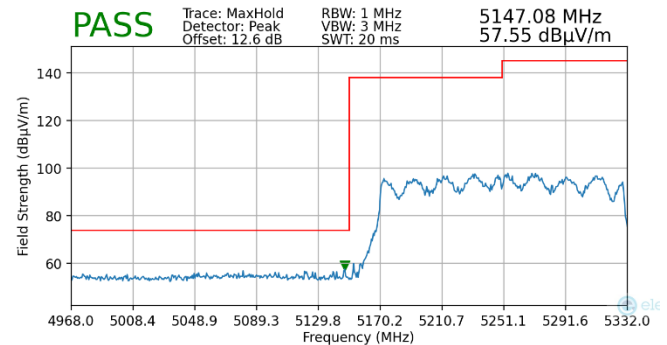
FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 171 of 175

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

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50

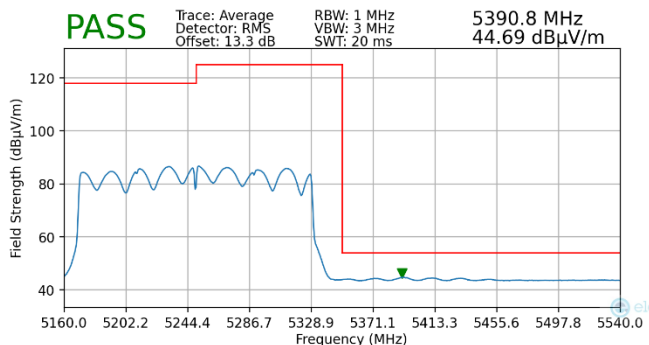


Plot 7-280. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 2x996 Tones)

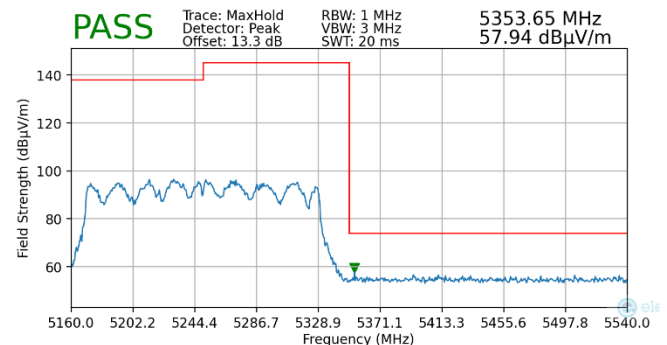


Plot 7-281. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 2x996 Tones)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50



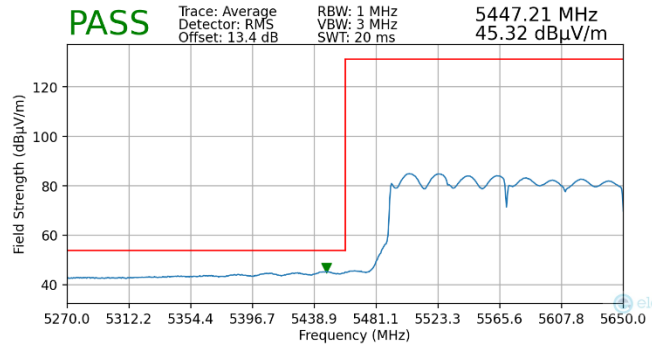
Plot 7-282. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 2x996 Tones)



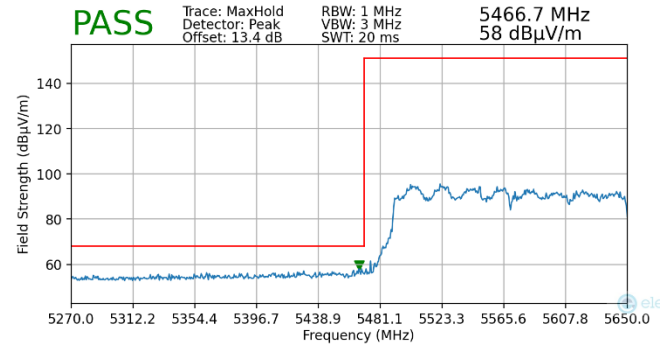
Plot 7-283. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 2x996 Tones)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
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Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 67
 Distance of Measurements: 3 Meters
 Operating Frequency: 5570MHz
 Channel: 114

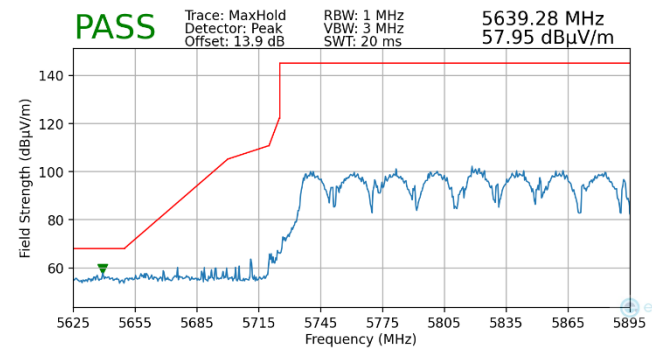


Plot 7-284. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 2x996 Tones)



Plot 7-285. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 2x996 Tones)

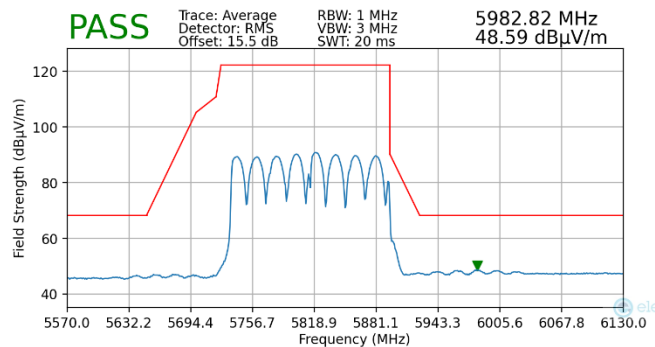
Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 67
 Distance of Measurements: 3 Meters
 Operating Frequency: 5815MHz
 Channel: 163



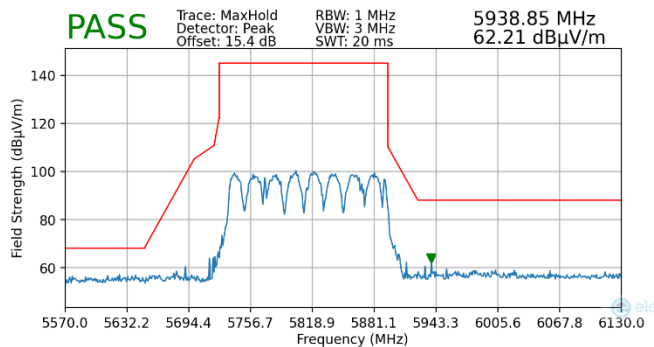
Plot 7-286. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – 2x996 Tones)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
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Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 67
 Distance of Measurements: 3 Meters
 Operating Frequency: 5815MHz
 Channel: 163



Plot 7-287. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4 – 2x996 Tones)



Plot 7-288. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4 – 2x996 Tones)

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 174 of 175

8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Samsung Portable Computing Device FCC: A3LNP750XQA** is in compliance with FCC Part Subpart E (15.407) of the FCC rules.

FCC ID: A3LNP750XQA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2407080057-07.A3L	Test Dates: 7/30/2024 - 8/26/2024	EUT Type: Portable Computing Device	Page 175 of 175