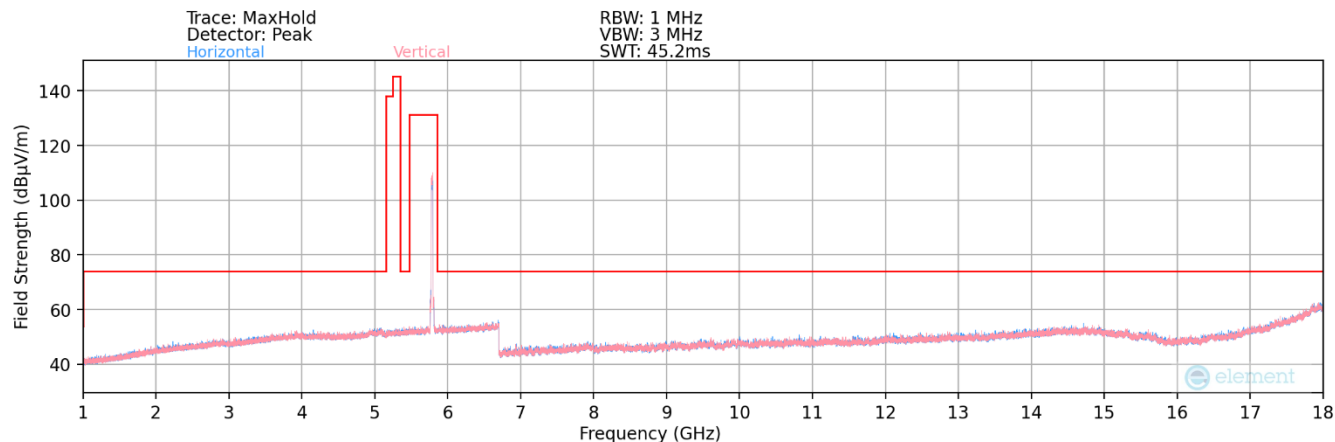
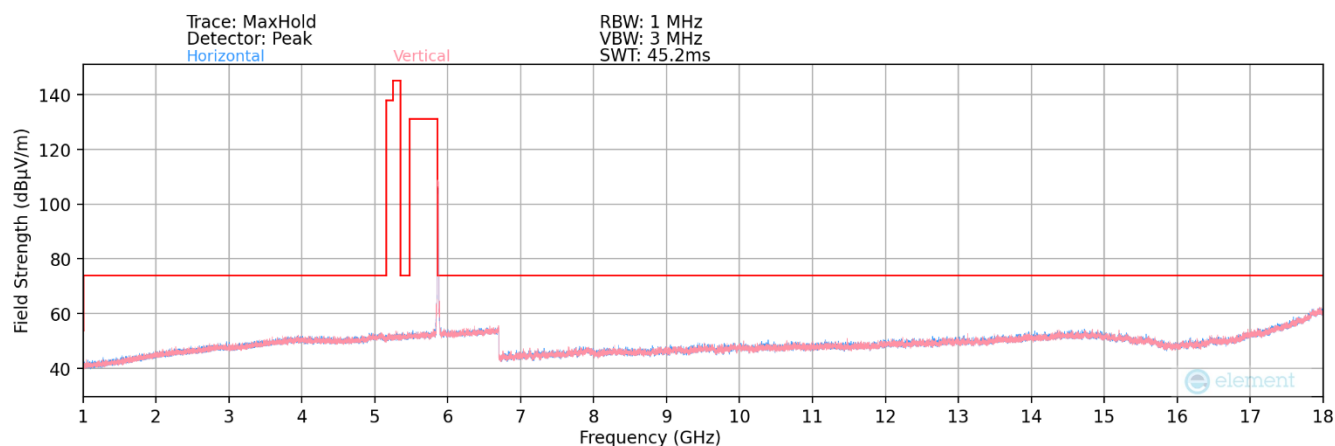
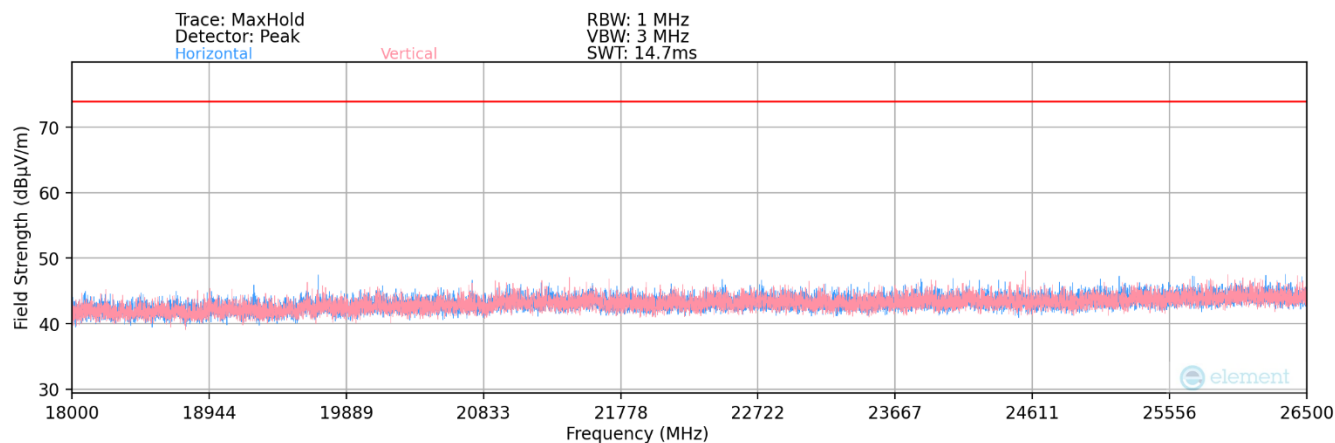




Plot 7-193. Radiated Spurious Plot above 1GHz MIMO (802.11be – UNII 3 Ch. 157)

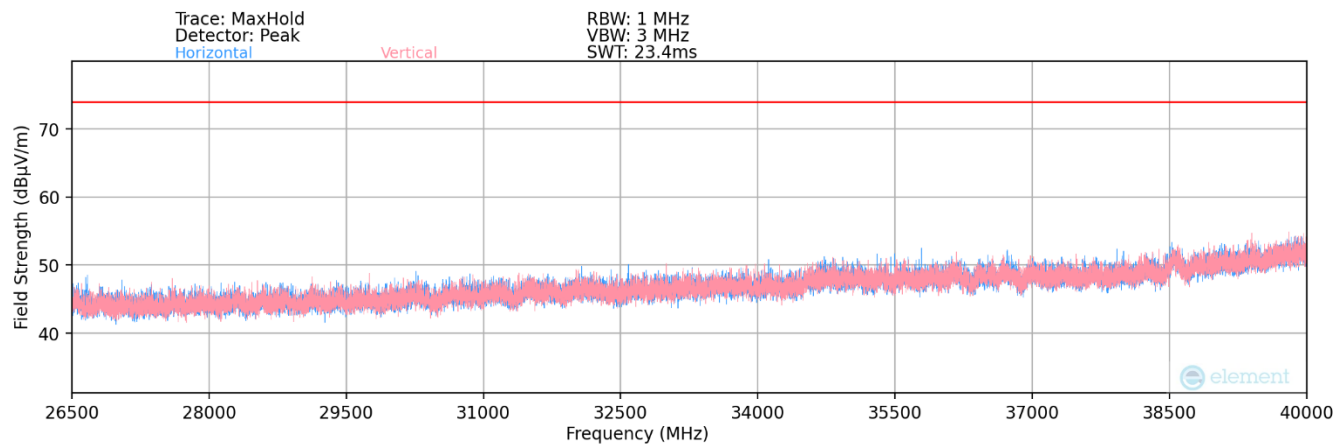


Plot 7-194. Radiated Spurious Plot above 1GHz MIMO (802.11be – UNII 4 Ch. 173)



Plot 7-195. Radiated Spurious Plot 18GHz - 26.5GHz (802.11be)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-196. Radiated Spurious Plot 26.5GHz - 40GHz (802.11be)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1.A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 136 of 163

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

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax RU 242T	MIMO	1	36	5180	61		10360.00	Peak	V	-	-	-68.03	10.97	0.00	49.94	68.20	-18.26
						*	15540.00	Average	V	-	-	-82.07	14.86	0.00	39.79	53.98	-14.19
							15540.00	Peak	V	-	-	-69.90	14.86	0.00	51.96	73.98	-22.02
						*	20720.00	Average	V	-	-	-64.88	3.16	-9.54	35.74	53.98	-18.24
							20720.00	Peak	V	-	-	-55.01	3.16	-9.54	45.61	73.98	-28.37
							25900.00	Peak	V	-	-	-53.88	4.24	-9.54	47.82	68.20	-20.38
			40	5200	61		10400.00	Peak	V	-	-	-68.12	10.72	0.00	49.60	68.20	-18.60
						*	15600.00	Average	V	-	-	-81.96	15.16	0.00	40.20	53.98	-13.78
							15600.00	Peak	V	-	-	-69.58	15.16	0.00	52.58	73.98	-21.40
						*	20800.00	Average	V	-	-	-65.10	3.15	-9.54	35.51	53.98	-18.47
							20800.00	Peak	V	-	-	-54.21	3.15	-9.54	46.40	73.98	-27.58
							26000.00	Peak	V	-	-	-55.16	4.16	-9.54	46.46	68.20	-21.74
			48	5240	61		10480.00	Peak	V	-	-	-68.08	10.97	0.00	49.89	68.20	-18.31
						*	15720.00	Average	V	-	-	-81.88	14.16	0.00	39.28	53.98	-14.70
							15720.00	Peak	V	-	-	-69.84	14.16	0.00	51.32	73.98	-22.66
							20960.00	Peak	V	-	-	-54.21	3.27	-9.54	46.52	68.20	-21.68
							26200.00	Peak	V	-	-	-55.13	3.96	-9.54	46.29	68.20	-21.91

Table 7-44. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1.A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 137 of 163

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

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax RU 242T	MIMO	2A	52	5260	61		10520.00	Peak	V	-	-	-67.71	10.85	0.00	50.14	68.20	-18.06
						*	15780.00	Average	V	-	-	-82.53	13.62	0.00	38.09	53.98	-15.89
						*	15780.00	Peak	V	-	-	-70.40	13.62	0.00	50.22	73.98	-23.76
						*	21040.00	Average	V	-	-	-64.82	3.35	-9.54	35.99	53.98	-17.99
						*	21040.00	Peak	V	-	-	-53.58	3.35	-9.54	47.23	73.98	-26.75
							26300.00	Peak	V	-	-	-54.72	3.91	-9.54	46.65	68.20	-21.55
			56	5280	61		10560.00	Peak	V	-	-	-67.83	10.71	0.00	49.88	68.20	-18.32
						*	15840.00	Average	V	-	-	-82.48	13.38	0.00	37.90	53.98	-16.08
						*	15840.00	Peak	V	-	-	-70.34	13.38	0.00	50.04	73.98	-23.94
						*	21120.00	Average	V	-	-	-65.24	3.46	-9.54	35.68	53.98	-18.30
						*	21120.00	Peak	V	-	-	-54.07	3.46	-9.54	46.85	73.98	-27.13
							26400.00	Peak	V	-	-	-53.91	3.71	-9.54	47.26	68.20	-20.94
			64	5320	61	*	10640.00	Average	V	-	-	-80.17	10.52	0.00	37.35	53.98	-16.63
						*	10640.00	Peak	V	-	-	-67.94	10.52	0.00	49.58	73.98	-24.40
						*	15960.00	Average	V	-	-	-82.34	13.01	0.00	37.67	53.98	-16.31
						*	15960.00	Peak	V	-	-	-70.09	13.01	0.00	49.92	73.98	-24.06
						*	21280.00	Average	V	-	-	-65.03	3.58	-9.54	36.01	53.98	-17.97
						*	21280.00	Peak	V	-	-	-54.07	3.58	-9.54	46.97	73.98	-27.01
							26600.00	Peak	V	-	-	-54.22	3.91	-9.54	47.15	68.20	-21.05

Table 7-45. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1.A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 138 of 163

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

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax RU 242T	MIMO	2C	100	5500	61	*	11000.00	Average	V	-	-	-67.23	11.14	0.00	50.91	53.98	-3.07
						*	11000.00	Peak	V	-	-	-82.51	11.14	-9.54	26.09	73.98	-47.89
							16500.00	Peak	V	-	-	-70.11	14.86	-9.54	42.21	68.20	-25.99
							22000.00	Peak	V	-	-	-55.18	3.53	-9.54	45.81	68.20	-22.39
							27500.00	Peak	V	-	-	-54.64	3.97	-9.54	46.79	68.20	-21.41
			120	5600	61	*	11200.00	Average	V	-	-	-67.88	11.54	0.00	50.66	53.98	-3.32
						*	11200.00	Peak	V	-	-	-82.39	11.54	0.00	36.15	73.98	-37.83
							16800.00	Peak	V	-	-	-70.07	15.53	0.00	52.46	68.20	-15.74
						*	22400.00	Average	V	-	-	-64.85	3.58	-9.54	36.19	53.98	-17.79
						*	22400.00	Peak	V	-	-	-53.85	3.58	-9.54	47.19	73.98	-26.79
			144	5720	61		28000.00	Peak	V	-	-	-54.62	4.52	-9.54	47.36	68.20	-20.84
						*	11440.00	Average	V	-	-	-67.91	11.52	0.00	50.61	53.98	-3.37
						*	11440.00	Peak	V	-	-	-82.35	11.52	0.00	36.17	73.98	-37.81
							17160.00	Peak	V	-	-	-69.89	17.60	0.00	54.71	68.20	-13.49
						*	22880.00	Average	V	-	-	-64.87	3.76	-9.54	36.35	53.98	-17.63
						*	22880.00	Peak	V	-	-	-54.72	3.76	-9.54	46.50	73.98	-27.48
							28600.00	Peak	V	-	-	-54.50	4.96	-9.54	47.92	68.20	-20.28

Table 7-46. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
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MIMO Radiated Spurious Emission Measurements (242 Tones) – UNII 3

Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax RU 242T	MIMO	3	149	5745	61	*	11490.00	Average	V	-	-	-69.54	11.52	0.00	48.98	53.98	-5.00
						*	11490.00	Peak	V	-	-	-81.28	11.52	0.00	37.24	73.98	-36.74
							17235.00	Peak	V	-	-	-69.46	18.80	0.00	56.34	68.20	-11.86
						*	22980.00	Average	V	-	-	-64.52	3.66	-9.54	36.60	53.98	-17.38
						*	22980.00	Peak	V	-	-	-54.74	3.66	-9.54	46.38	73.98	-27.60
							28725.00	Peak	V	-	-	-53.88	5.05	-9.54	48.63	68.20	-19.57
			157	5785	61	*	11570.00	Average	V	-	-	-68.75	11.50	0.00	49.75	53.98	-4.23
						*	11570.00	Peak	V	-	-	-81.35	11.50	0.00	37.15	73.98	-36.83
							17355.00	Peak	V	-	-	-69.05	20.00	0.00	57.95	68.20	-10.25
							23140.00	Peak	V	-	-	-55.16	3.65	-9.54	45.95	68.20	-22.25
							28925.00	Peak	V	-	-	-55.19	4.92	-9.54	47.19	68.20	-21.01
						*	11650.00	Average	V	-	-	-68.91	11.61	0.00	49.70	53.98	-4.28
			165	5825	61	*	11650.00	Peak	V	-	-	-81.17	11.61	0.00	37.44	73.98	-36.54
							17475.00	Peak	V	-	-	-69.13	20.05	0.00	57.92	68.20	-10.28
							23300.00	Peak	V	-	-	-54.72	3.55	-9.54	46.29	68.20	-21.91
							29125.00	Peak	V	-	-	-54.83	5.01	-9.54	47.64	68.20	-20.56

Table 7-47. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
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MIMO Radiated Spurious Emission Measurements (242 Tones) – UNII 4

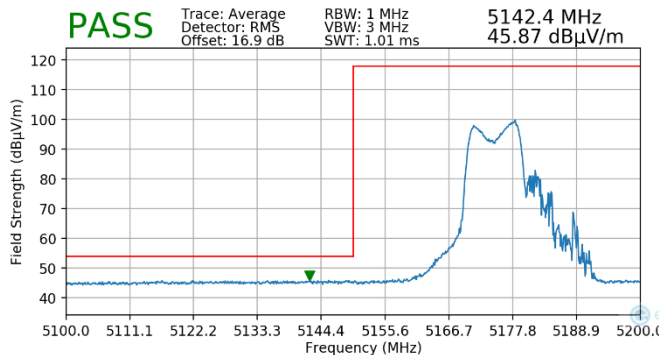
Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax RU 242T	MIMO	4	169	5845	61	*	11690.00	Average	V	-	-	-80.76	11.78	0.00	38.02	53.98	-15.96
						*	11690.00	Peak	V	-	-	-69.84	11.78	0.00	48.94	73.98	-25.04
							17535.00	Peak	V	-	-	-71.55	20.81	0.00	56.26	68.20	-11.94
							23380.00	Peak	V	-	-	-54.36	3.53	-9.54	46.63	68.20	-21.57
							29225.00	Peak	V	-	-	-54.91	5.04	-9.54	47.59	68.20	-20.61
							35070.00	Peak	V	-	-	-55.52	7.60	-9.54	49.54	68.20	-18.66
			173	5865	61	*	11730.00	Average	V	-	-	-80.29	11.89	0.00	38.60	53.98	-15.38
						*	11730.00	Peak	V	-	-	-69.87	11.89	0.00	49.02	73.98	-24.96
							17595.00	Peak	V	-	-	-70.48	21.71	0.00	58.23	68.20	-9.97
							23460.00	Peak	V	-	-	-65.13	3.57	-9.54	35.90	68.20	-32.30
							29325.00	Peak	V	-	-	-55.12	5.14	-9.54	47.48	68.20	-20.72
							35190.00	Peak	V	-	-	-54.96	7.80	-9.54	50.30	68.20	-17.90
			177	5885	61	*	11770.00	Average	V	-	-	-80.71	11.92	0.00	38.21	53.98	-15.77
						*	11770.00	Peak	V	-	-	-68.97	11.92	0.00	49.95	73.98	-24.03
							17655.00	Peak	V	-	-	-70.84	22.38	0.00	58.54	68.20	-9.66
							23540.00	Peak	V	-	-	-55.68	3.57	-9.54	45.35	68.20	-22.85
							29425.00	Peak	V	-	-	-55.76	5.13	-9.54	46.83	68.20	-21.37
							35310.00	Peak	V	-	-	-55.03	7.91	-9.54	50.34	68.20	-17.86

Table 7-48. Radiated Measurements MIMO (242 Tones)

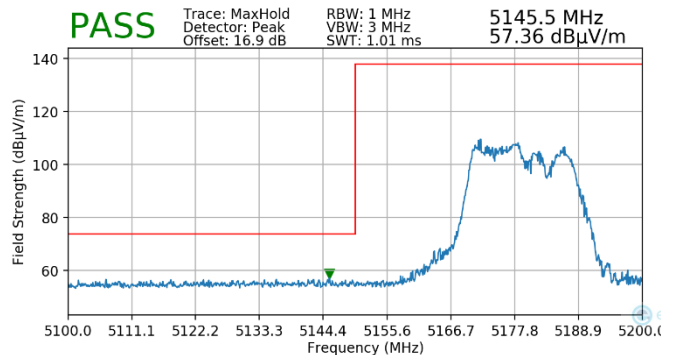
FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1.A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 141 of 163

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

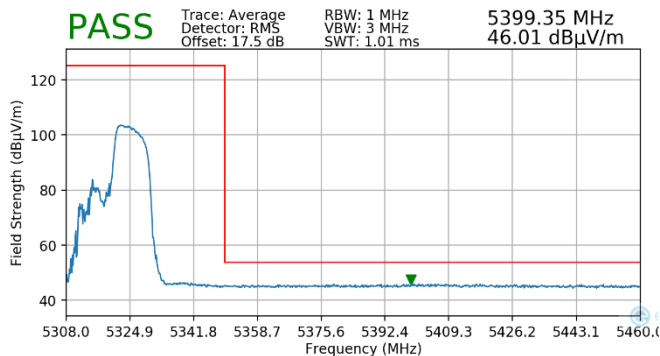


Plot 7-197. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 106 Tones)

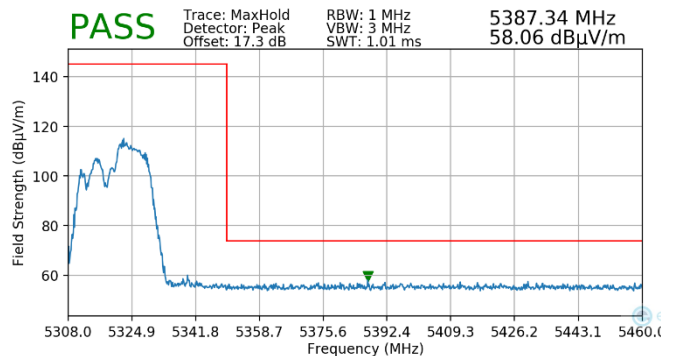


Plot 7-198. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 106 Tones)

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



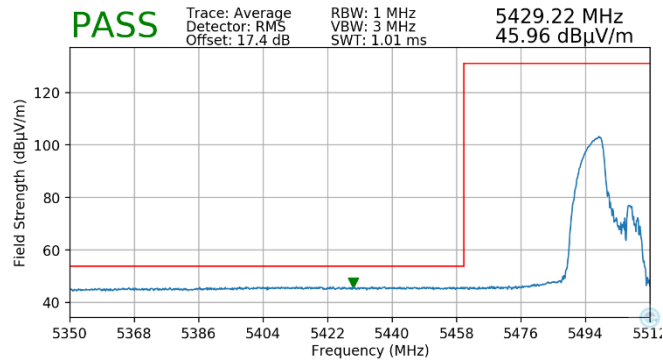
Plot 7-199. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 106 Tones)



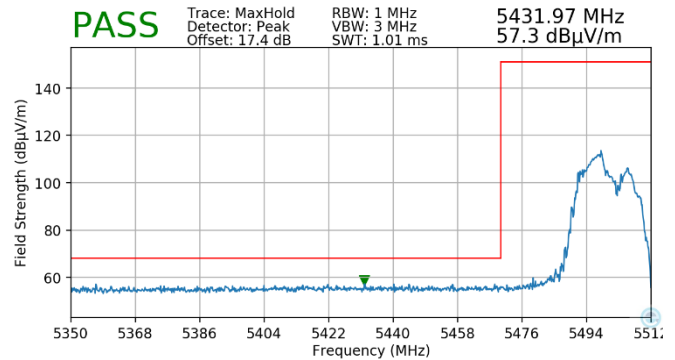
Plot 7-200. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 106 Tones)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
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Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	53
Distance of Measurements:	3 Meters
Operating Frequency:	5500MHz
Channel:	100

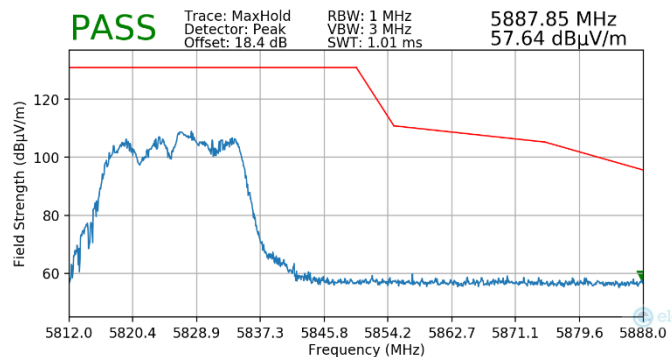


Plot 7-201. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 106 Tones)



Plot 7-202. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 106 Tones)

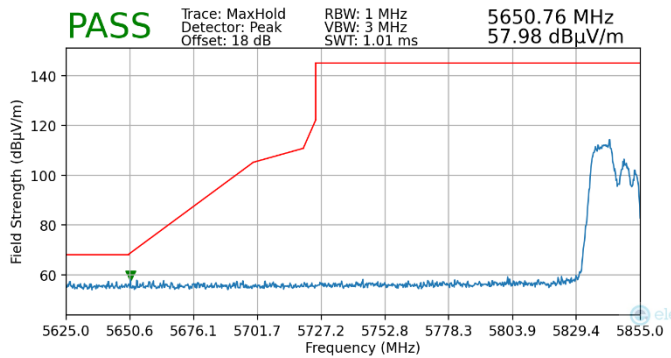
Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	54
Distance of Measurements:	3 Meters
Operating Frequency:	5825MHz
Channel:	165



Plot 7-203. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 106 Tones)

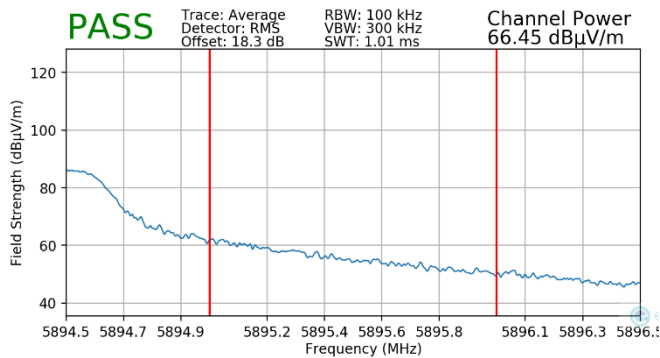
FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1.A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 143 of 163

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

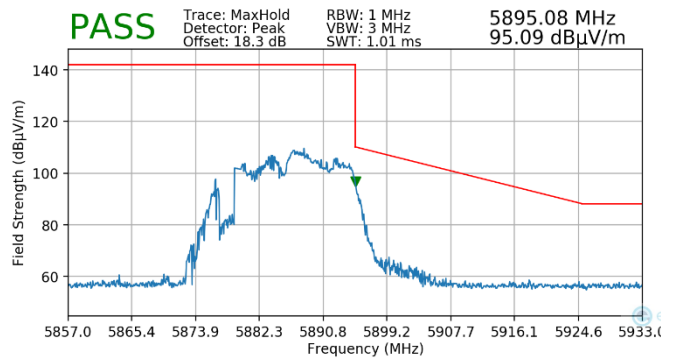


Plot 7-204. Radiated Lower Band Edge Plot MIMO (Peak - UNII Band 4 - 106 Tones)

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



Plot 7-205. Radiated Upper Band Edge Plot MIMO (Average - UNII Band 4 - 106 Tones)

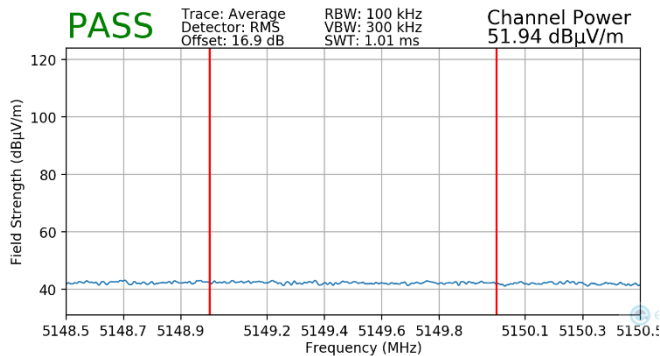


Plot 7-206. Radiated Upper Band Edge Plot MIMO (Peak - UNII Band 4 - 106 Tones)

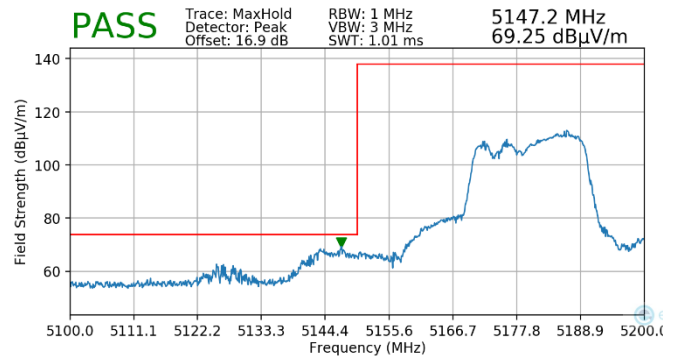
FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1.A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 144 of 163

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

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5180MHz
Channel:	36

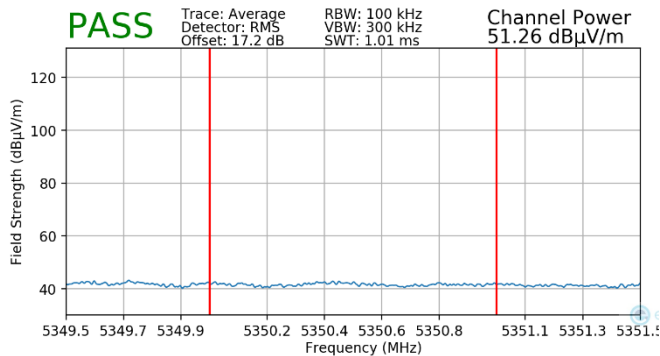


Plot 7-207. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 242 Tones)

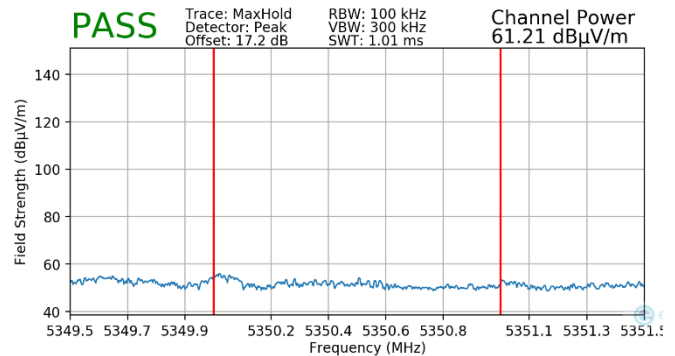


Plot 7-208. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 242 Tones)

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



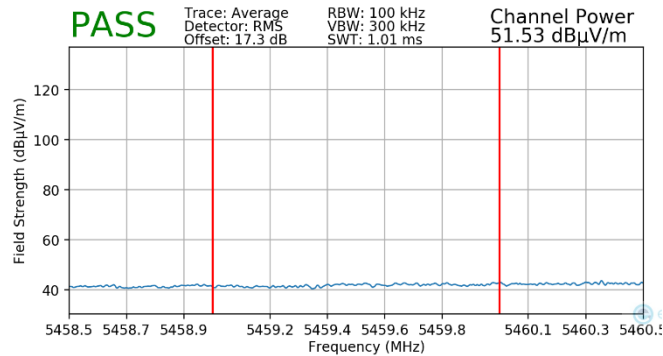
Plot 7-209. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 242 Tones)



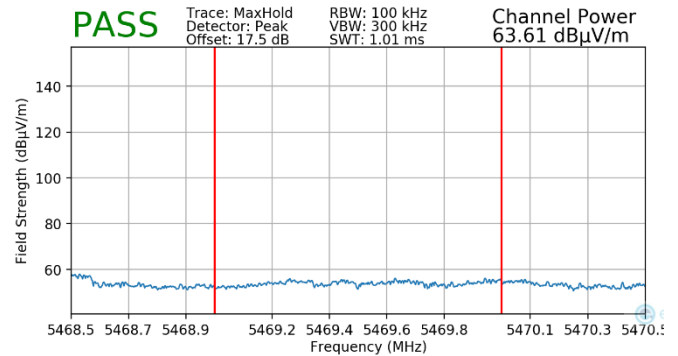
Plot 7-210. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 242 Tones)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1.A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 145 of 163

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

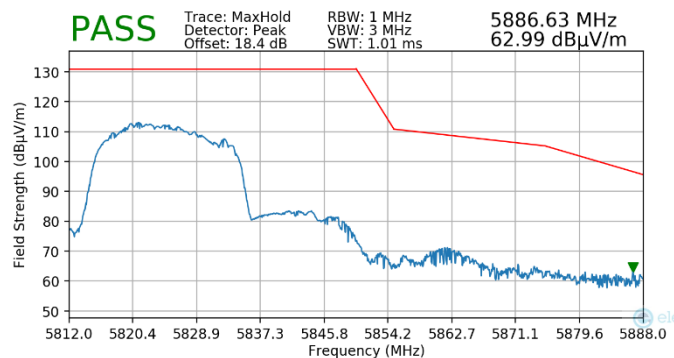


Plot 7-211. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 242 Tones)



Plot 7-212. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 242 Tones)

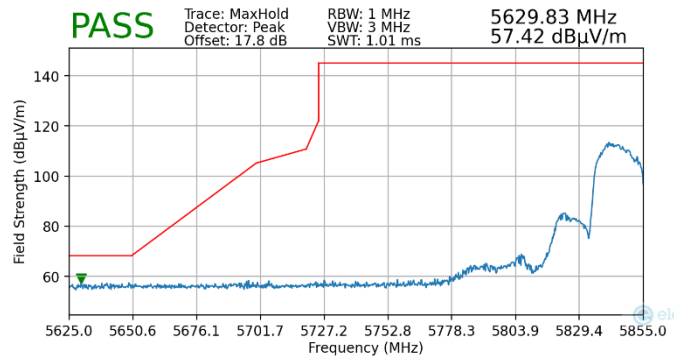
Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5825MHz
Channel:	165



Plot 7-213. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 242 Tones)

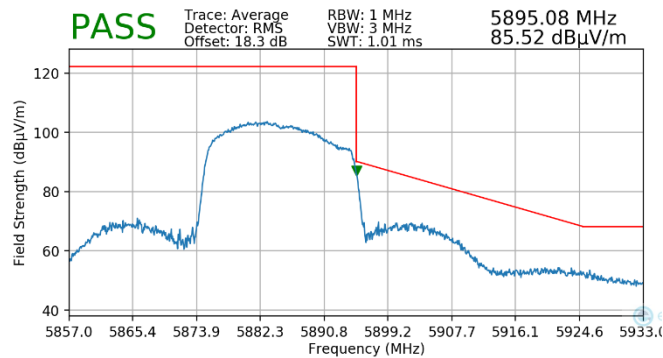
FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1.A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 146 of 163

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

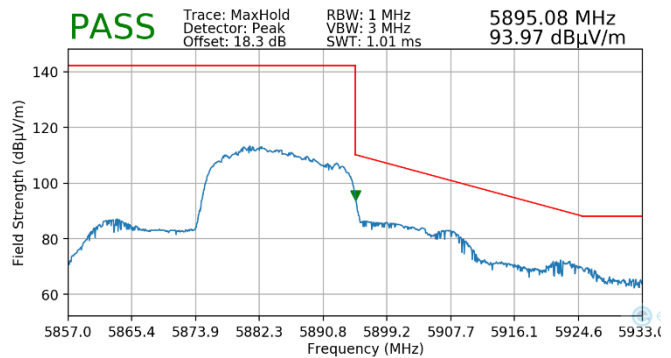


Plot 7-214. Radiated Lower Band Edge Plot MIMO (Peak - UNII Band 4 - 242 Tones)

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



Plot 7-215. Radiated Upper Band Edge Plot MIMO (Average - UNII Band 4 - 242 Tones)

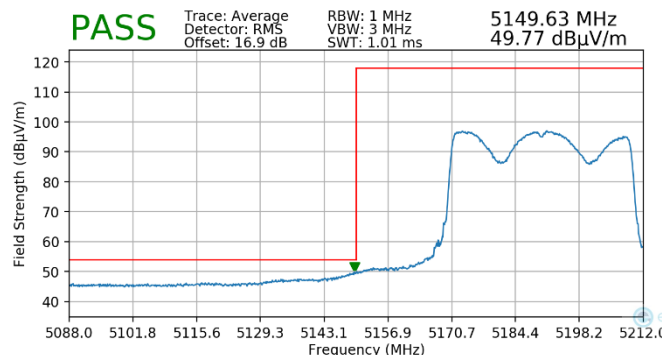


Plot 7-216. Radiated Upper Band Edge Plot MIMO (Peak - UNII Band 4 - 242 Tones)

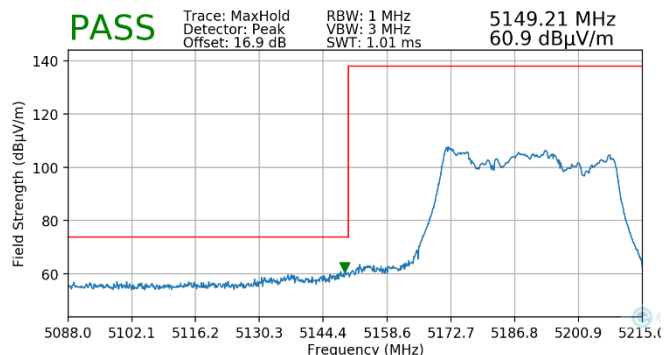
FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1.A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 147 of 163

7.6.5 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

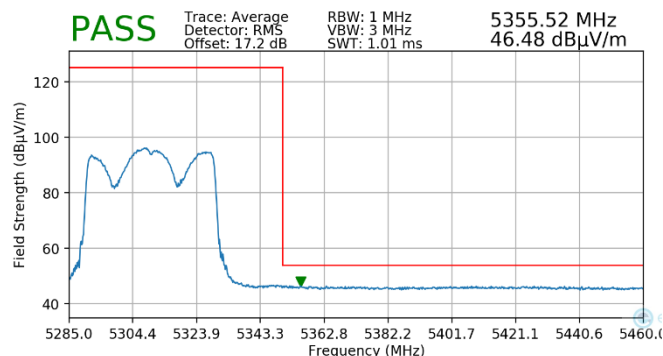


Plot 7-217. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 484 Tones)

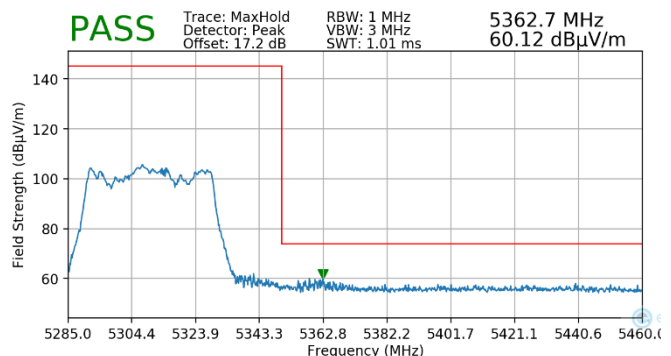


Plot 7-218. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 484 Tones)

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



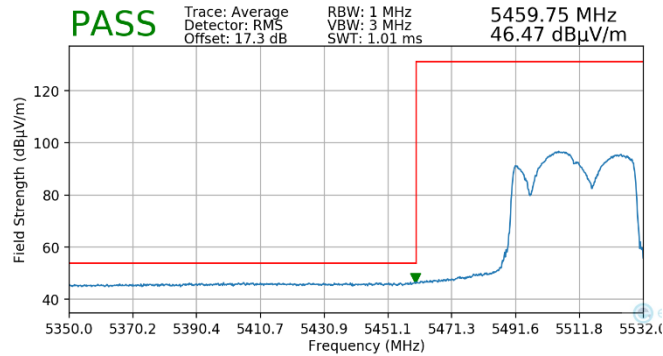
Plot 7-219. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 484 Tones)



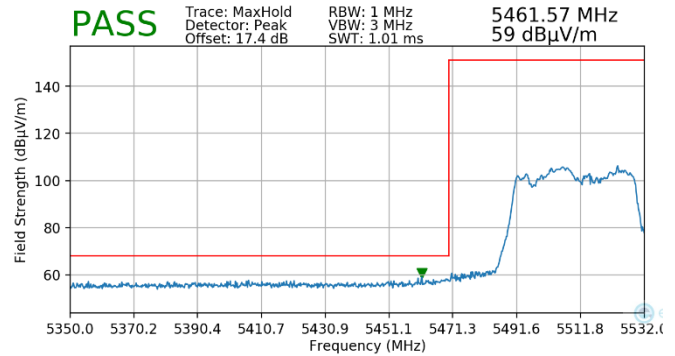
Plot 7-220. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 484 Tones)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1.A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 148 of 163

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

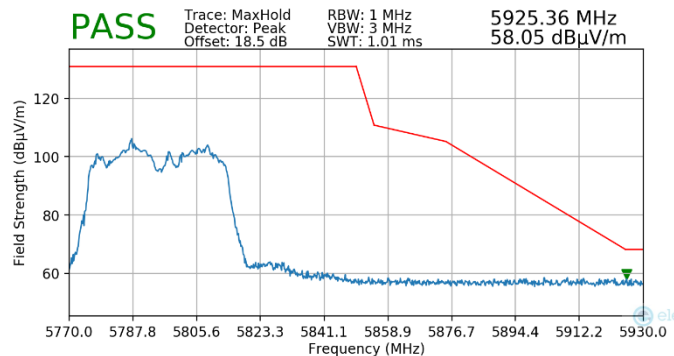


**Plot 7-221. Radiated Lower Band Edge Plot MIMO
(Average - UNII Band 2C - 484 Tones)**



**Plot 7-222. Radiated Lower Band Edge Plot MIMO
(Peak - UNII Band 2C - 484 Tones)**

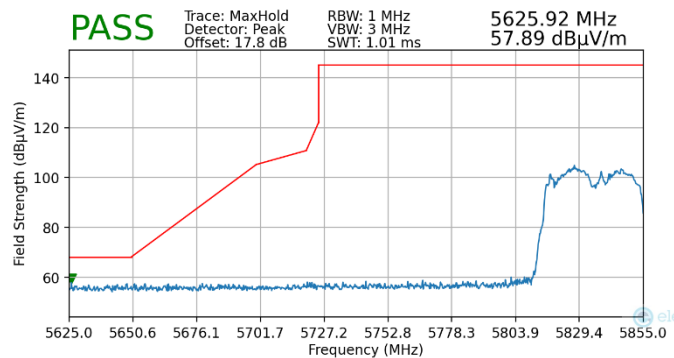
Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 65
 Distance of Measurements: 3 Meters
 Operating Frequency: 5795MHz
 Channel: 159



**Plot 7-223. Radiated Upper Band Edge Plot MIMO
(Peak - UNII Band 3 - 484 Tones)**

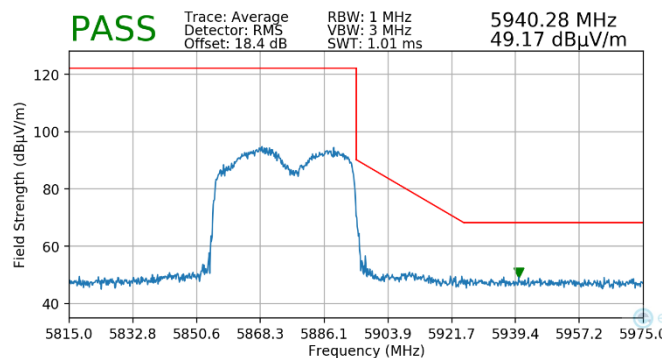
FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1.A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 149 of 163

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

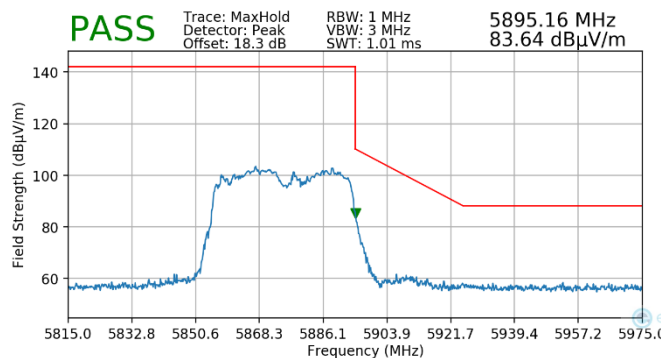


Plot 7-224. Radiated Lower Band Edge Plot MIMO (Peak - UNII Band 4 - 484 Tones)

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



Plot 7-225. Radiated Upper Band Edge Plot MIMO (Average - UNII Band 4 - 484 Tones)

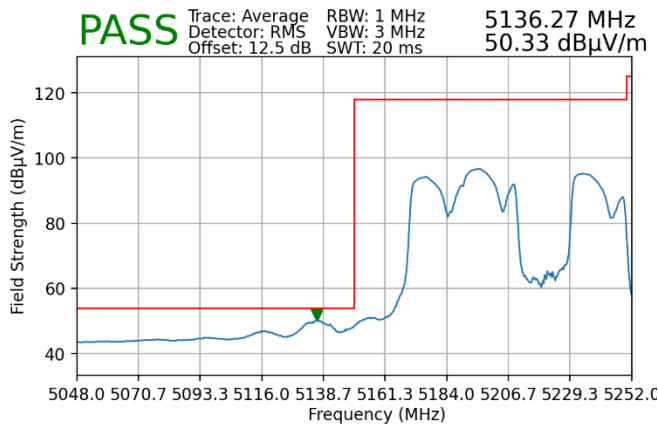


Plot 7-226. Radiated Upper Band Edge Plot MIMO (Peak - UNII Band 4 - 484 Tones)

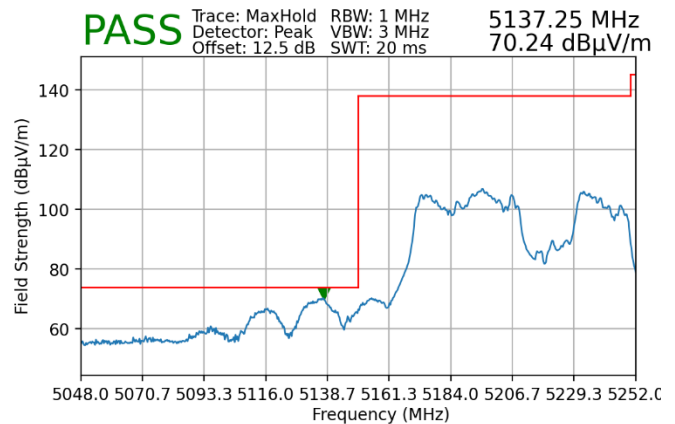
FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1.A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 150 of 163

7.6.6 MIMO Radiated Band Edge Measurements (80MHz BW – Partial Tones – 484 + 242T)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	92
Distance of Measurements:	3 Meters
Operating Frequency:	5210MHz
Channel:	42

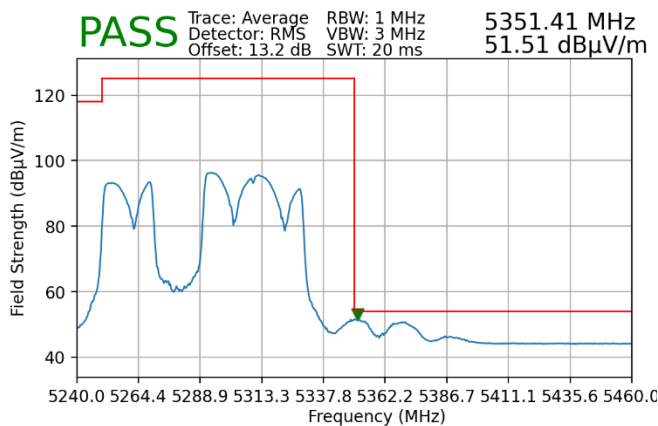


Plot 7-227. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 484 + 242 Tones)

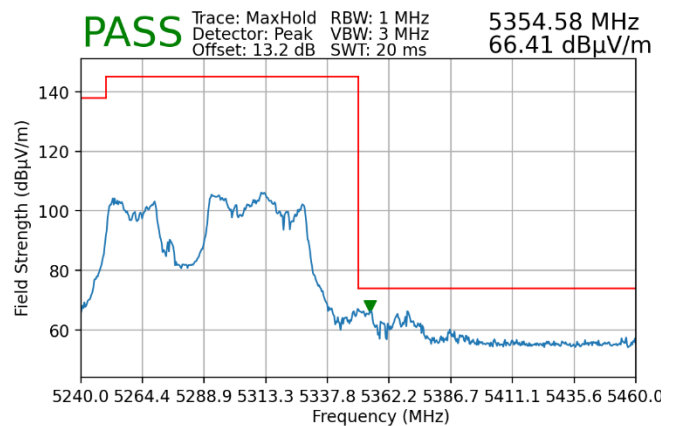


Plot 7-228. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 484 + 242 Tones)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	91
Distance of Measurements:	3 Meters
Operating Frequency:	5290MHz
Channel:	58



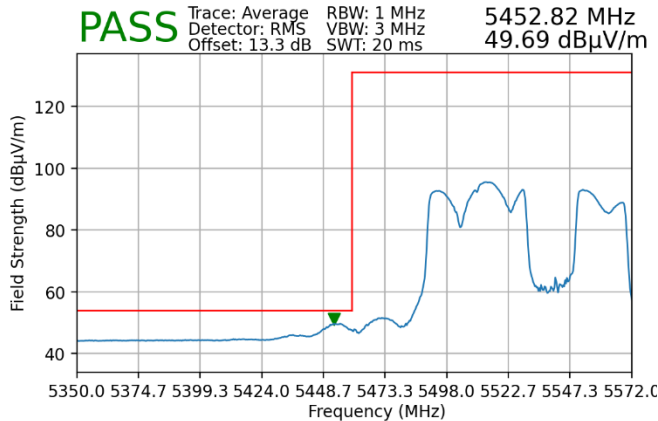
Plot 7-229. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 484 + 242 Tones)



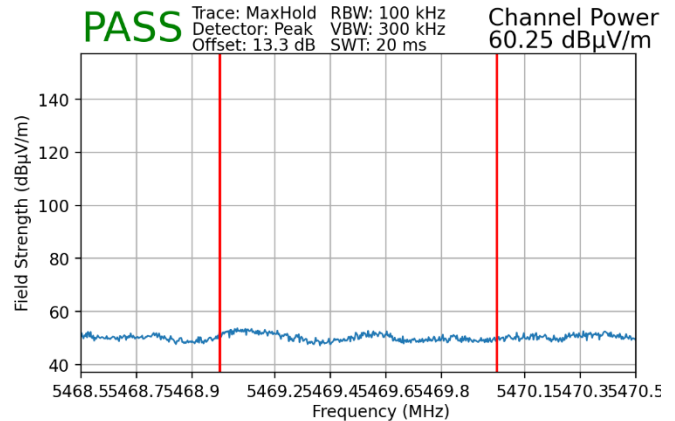
Plot 7-230. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 484 + 242 Tones)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1.A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 151 of 163

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

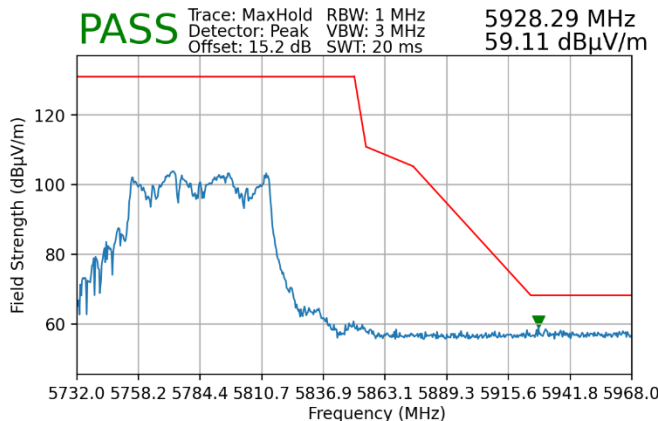


Plot 7-231. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 484 + 242 Tones)



Plot 7-232. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 484 + 242 Tones)

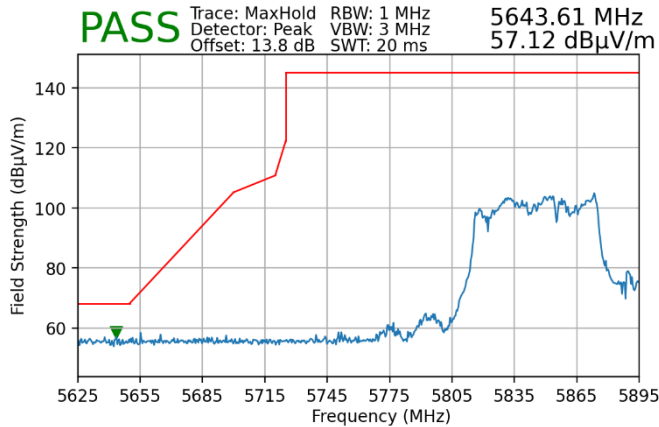
Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 90
 Distance of Measurements: 3 Meters
 Operating Frequency: 5775MHz
 Channel: 155



Plot 7-233. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 484 + 242 Tones)

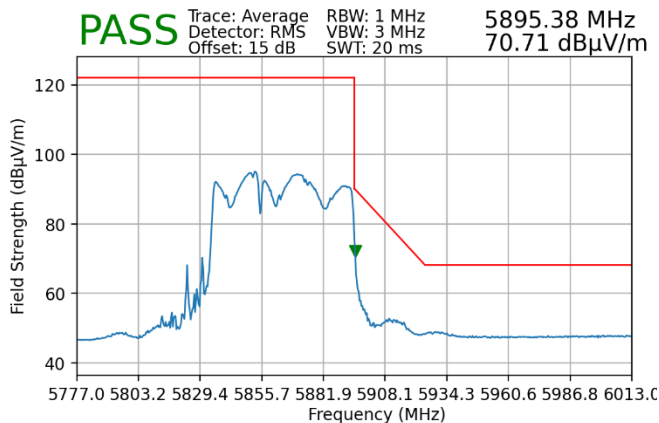
FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1-A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 152 of 163

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 93
 Distance of Measurements: 3 Meters
 Operating Frequency: 5855MHz
 Channel: 171

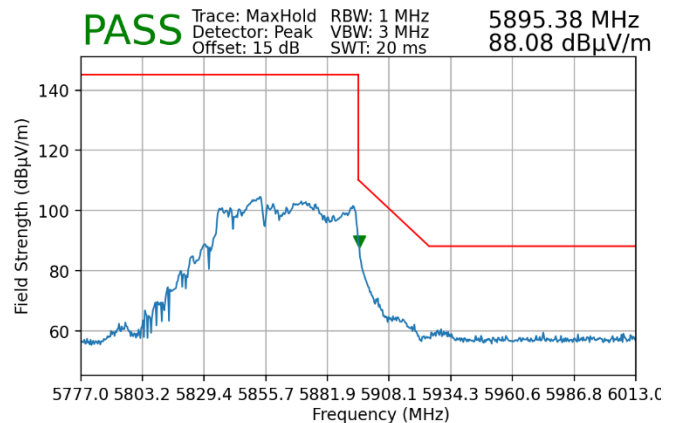


**Plot 7-234. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 4 – 484 + 242 Tones)**

Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 90
 Distance of Measurements: 3 Meters
 Operating Frequency: 5855MHz
 Channel: 171



**Plot 7-235. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 4 – 484 + 242 Tones)**

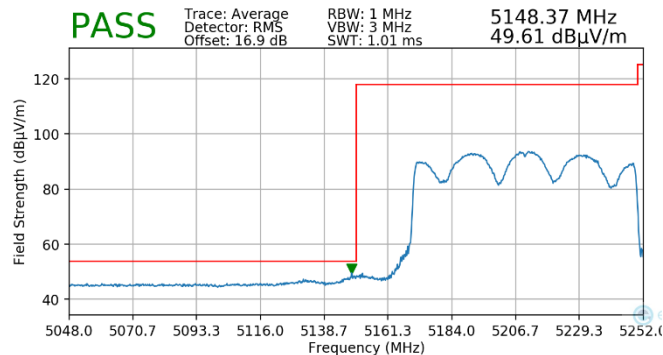


**Plot 7-236. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 4 – 484 + 242 Tones)**

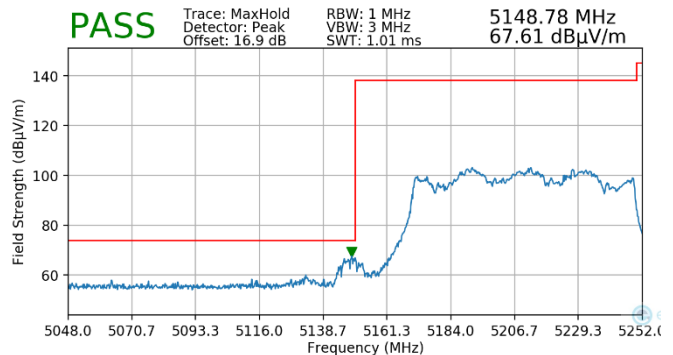
FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1.A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 153 of 163

7.6.7 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

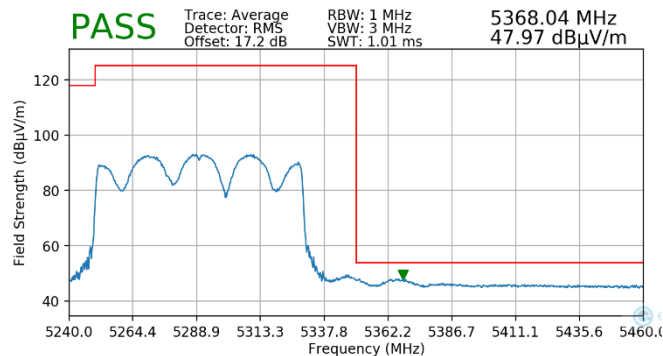


Plot 7-237. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 996 Tones)

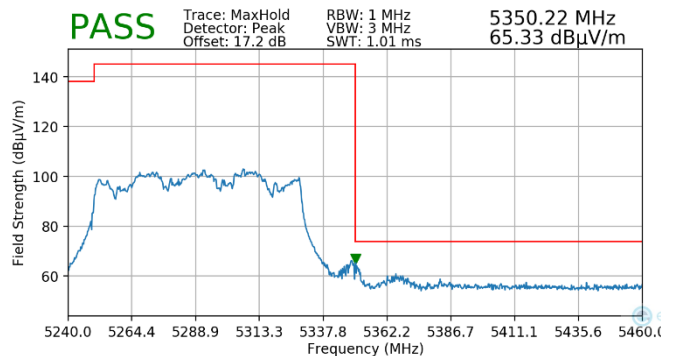


Plot 7-238. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 996 Tones)

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



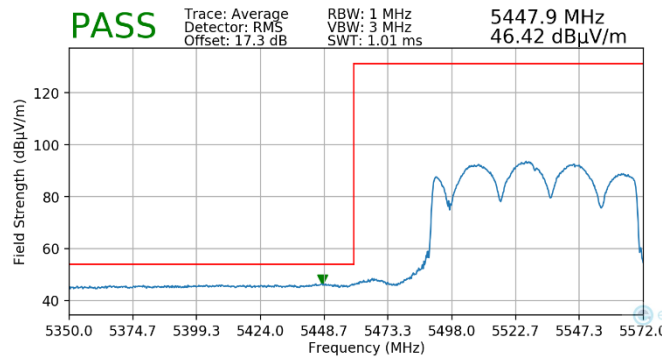
Plot 7-239. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 996 Tones)



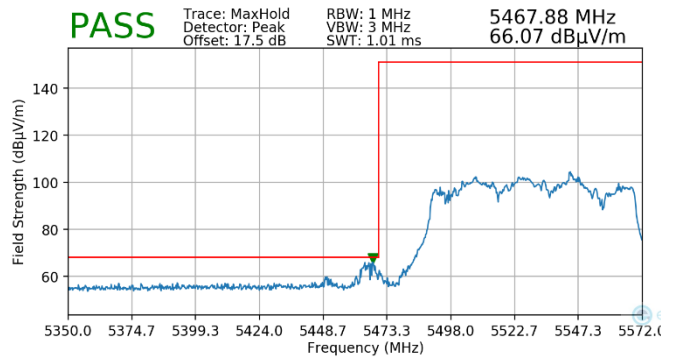
Plot 7-240. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 996 Tones)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1.A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 154 of 163

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

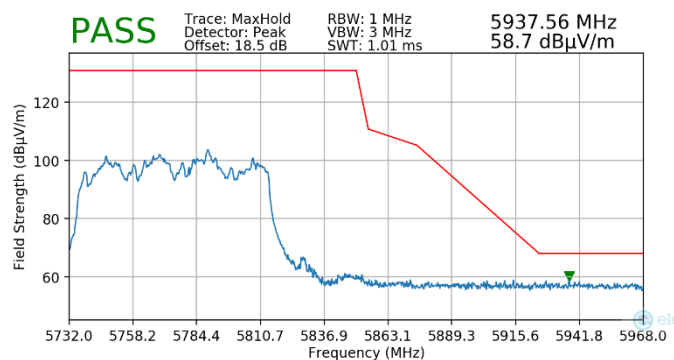


Plot 7-241. Radiated Lower Band Edge Plot MIMO (Average - UNII Band 2C - 996 Tones)



Plot 7-242. Radiated Lower Band Edge Plot MIMO (Peak - UNII Band 2C - 996 Tones)

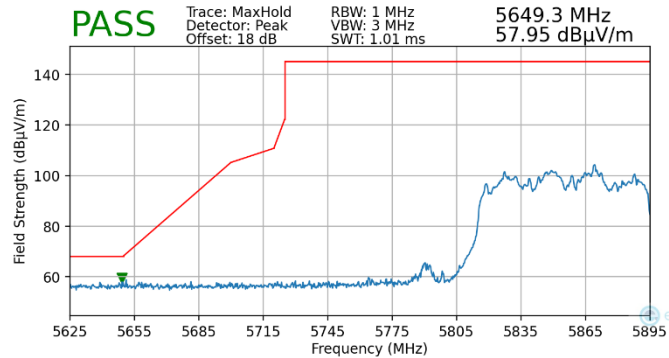
Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 67
 Distance of Measurements: 3 Meters
 Operating Frequency: 5775MHz
 Channel: 155



Plot 7-243. Radiated Upper Band Edge Plot MIMO (Peak - UNII Band 3 - 996 Tones)

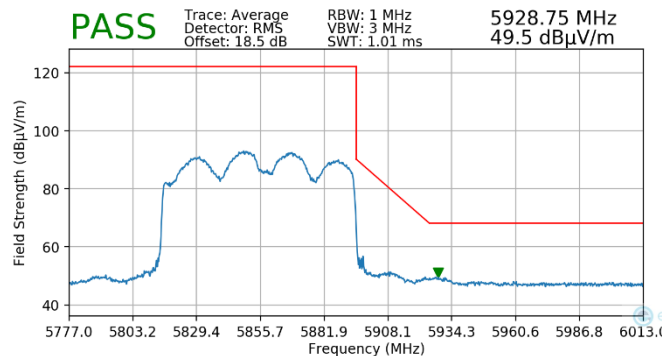
FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1.A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 155 of 163

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

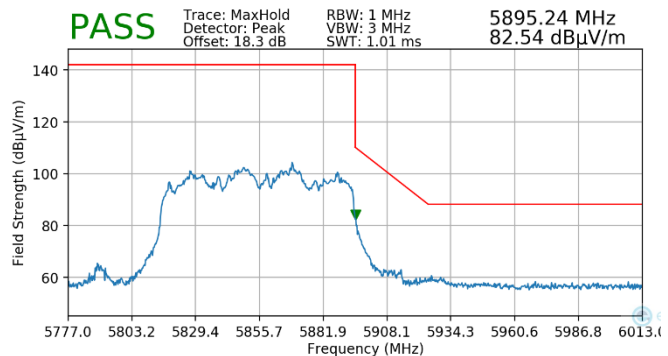


Plot 7-244. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – 996 Tones)

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



Plot 7-245. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4 – 996 Tones)

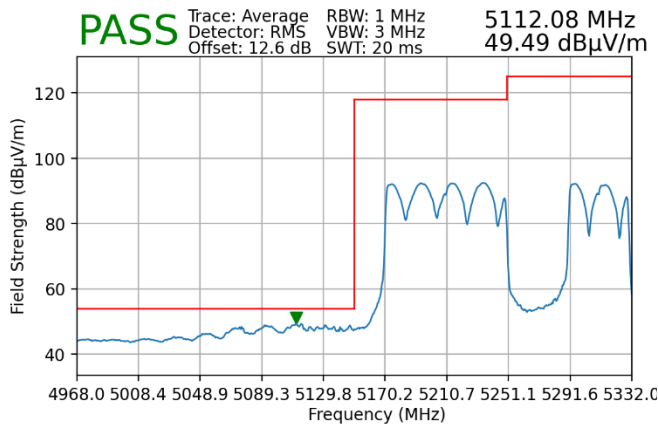


Plot 7-246. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4 – 996 Tones)

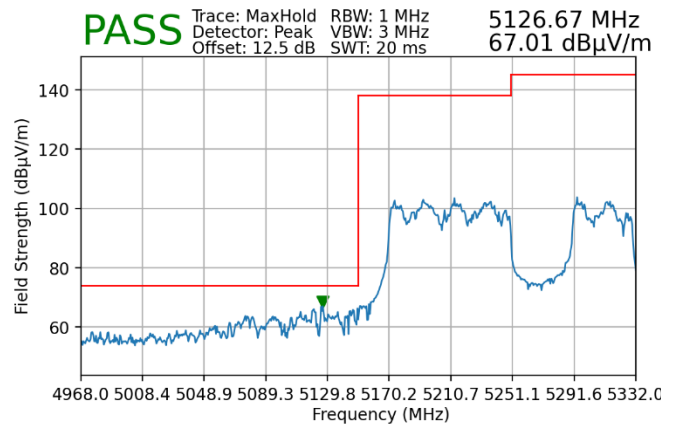
FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1.A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 156 of 163

7.6.8 MIMO Radiated Band Edge Measurements (160MHz BW – Partial Tones – 996 + 484T)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	1094
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50

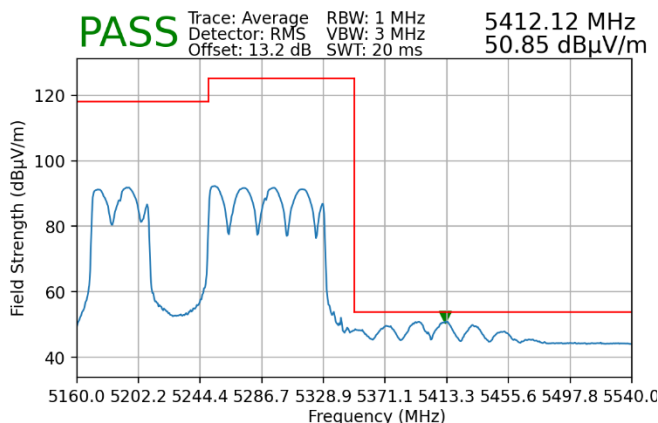


Plot 7-247. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 996+484 Tones)

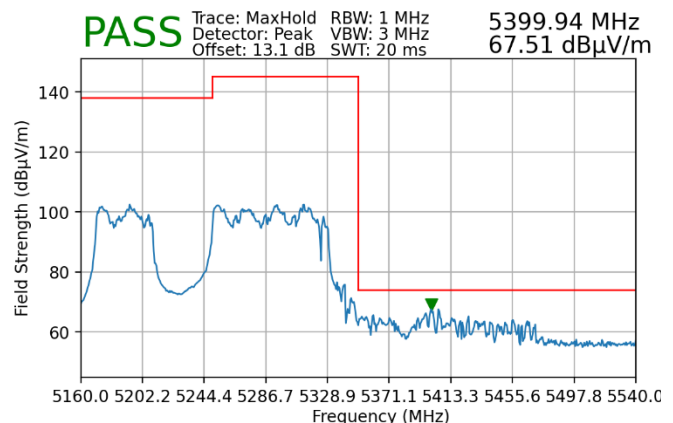


Plot 7-248. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 996+484 Tones)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	95
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50



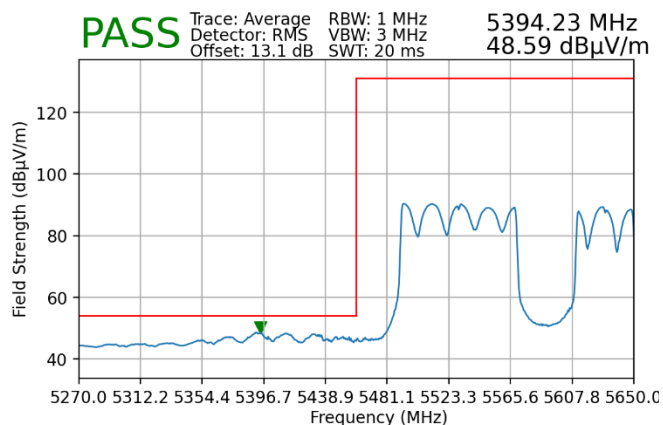
Plot 7-249. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 996+484 Tones)



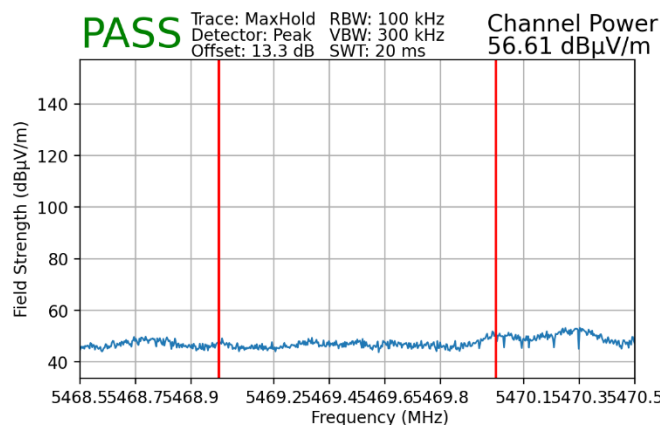
Plot 7-250. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 996+484 Tones)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1.A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 157 of 163

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



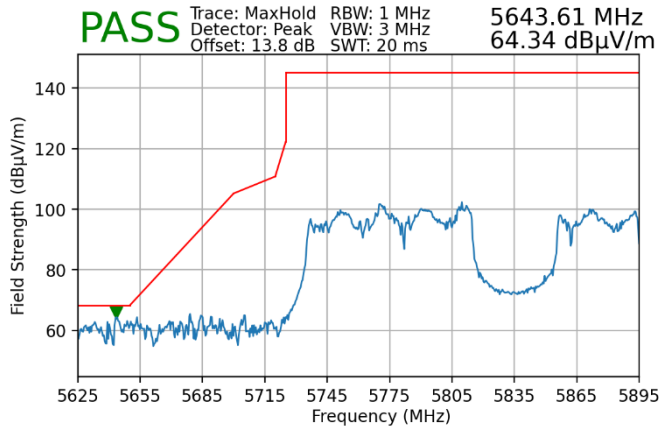
**Plot 7-251. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C – 996+484 Tones)**



**Plot 7-252. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 2C – 996+484 Tones)**

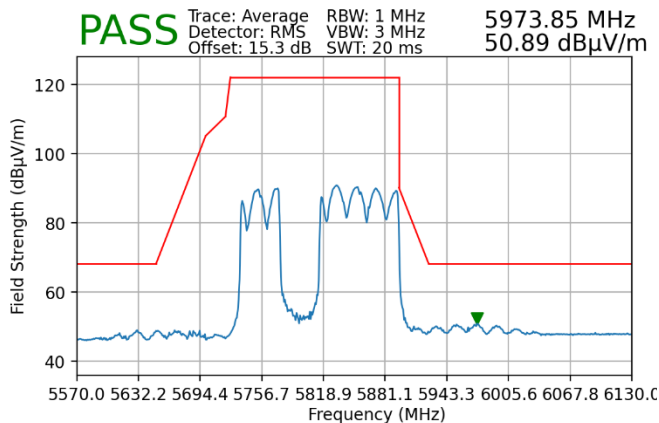
FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1.A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 158 of 163

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

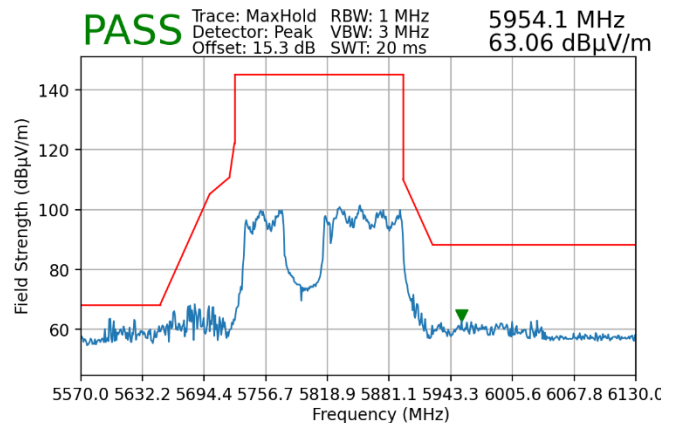


**Plot 7-253. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 4 – 996+484 Tones)**

Worst Case Mode: 802.11be
Worst Case Transfer Rate: MCS0
RU Index: 95
Distance of Measurements: 3 Meters
Operating Frequency: 5815MHz
Channel: 163



**Plot 7-254. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 4 – 996+484 Tones)**

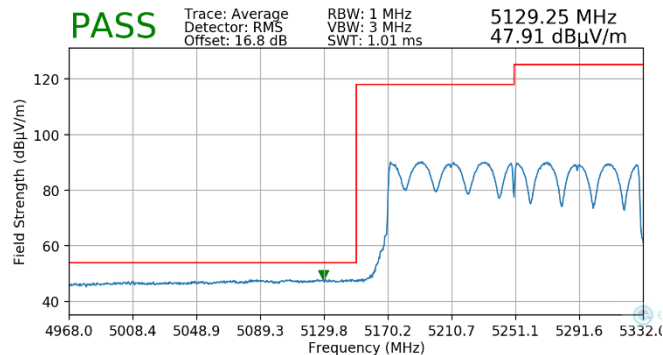


**Plot 7-255. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 4 – 996+484 Tones)**

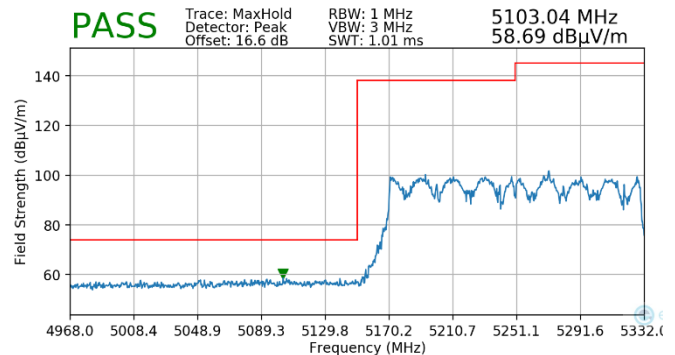
FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1.A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 159 of 163

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

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

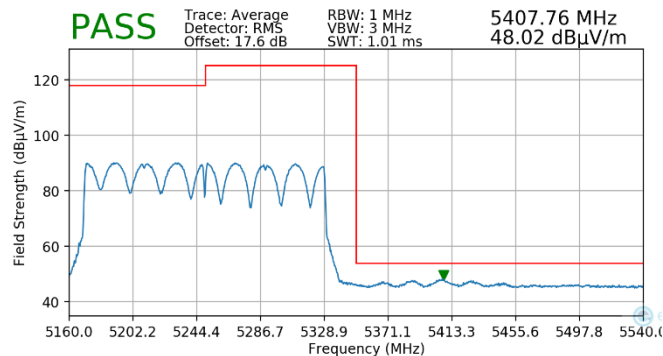


Plot 7-256. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 2x996 Tones)

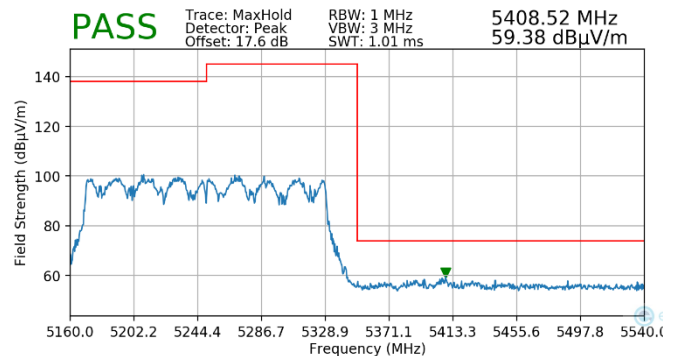


Plot 7-257. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 2x996 Tones)

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



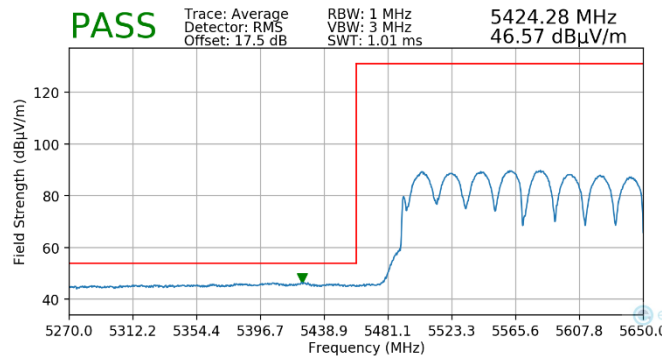
Plot 7-258. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 2x996 Tones)



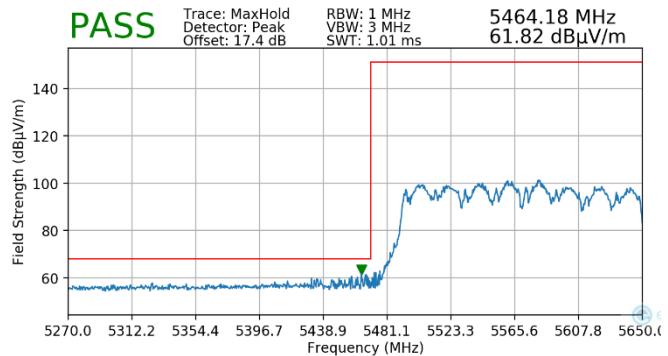
Plot 7-259. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 2x996 Tones)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
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Worst Case Mode: 802.11be
 Worst Case Transfer Rate: MCS0
 RU Index: 68
 Distance of Measurements: 3 Meters
 Operating Frequency: 5570MHz
 Channel: 114



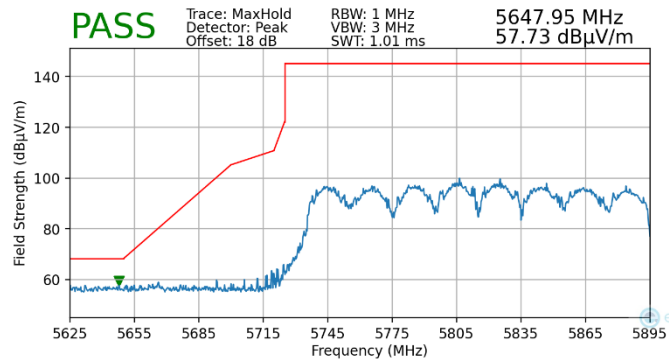
Plot 7-260. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 2x996 Tones)



Plot 7-261. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 2x996 Tones)

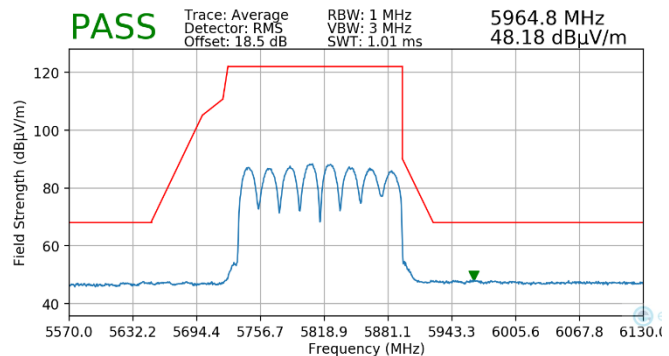
FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1.A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 161 of 163

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

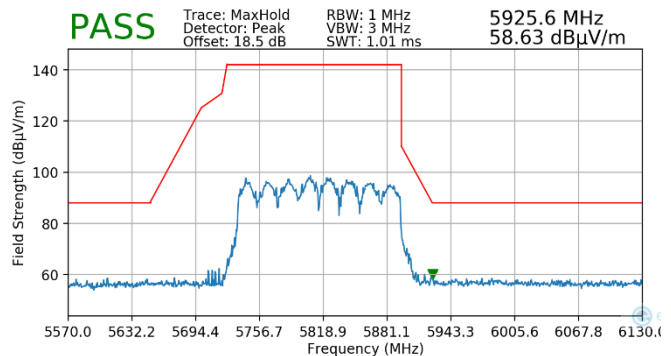


Plot 7-262. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – 2x996 Tones)

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



Plot 7-263. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4 – 2x996 Tones)



Plot 7-264. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4 – 2x996 Tones)

FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2401250007-06-R1.A3L	Test Dates: 03/14/2023 - 04/17/2024	EUT Type: Portable Computing Device	Page 162 of 163

8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Samsung Portable Computing Device** **FCC ID: A3LNP960XMA** is in compliance with FCC Part Subpart E (15.407) of the FCC rules.

FCC ID: A3LNP960XMA	MEASUREMENT REPORT		Approved by: Technical Manager
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