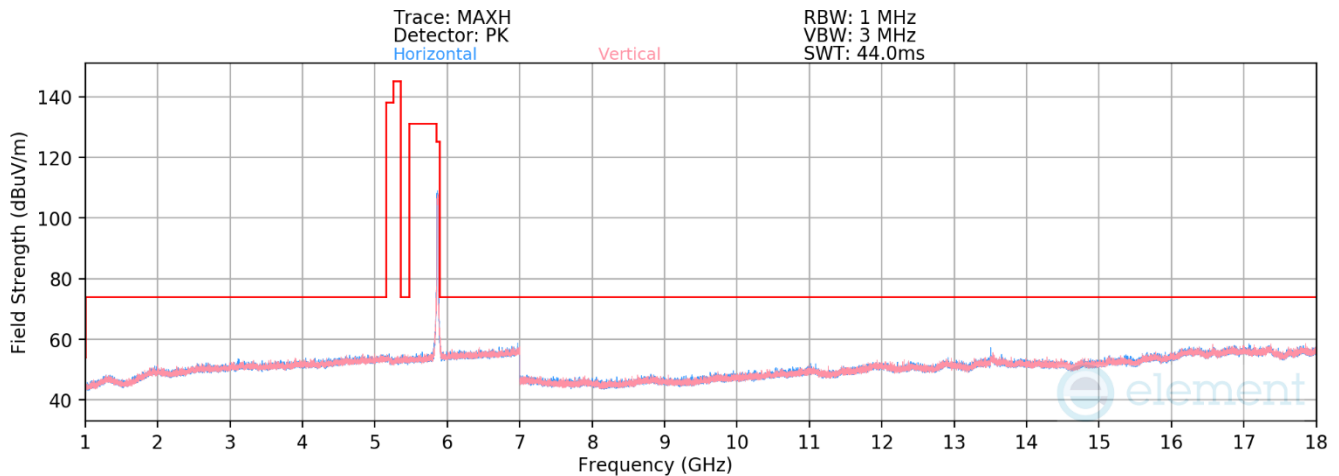
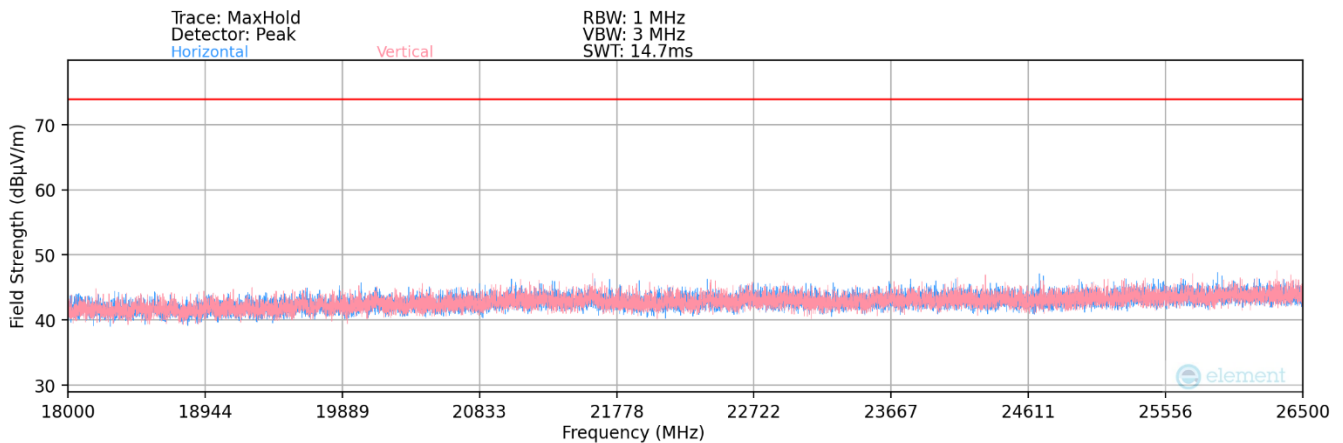


Plot 7-132. Radiated Spurious Plot above 1GHz MIMO (802.11ax – UNII 3 Ch. 157)

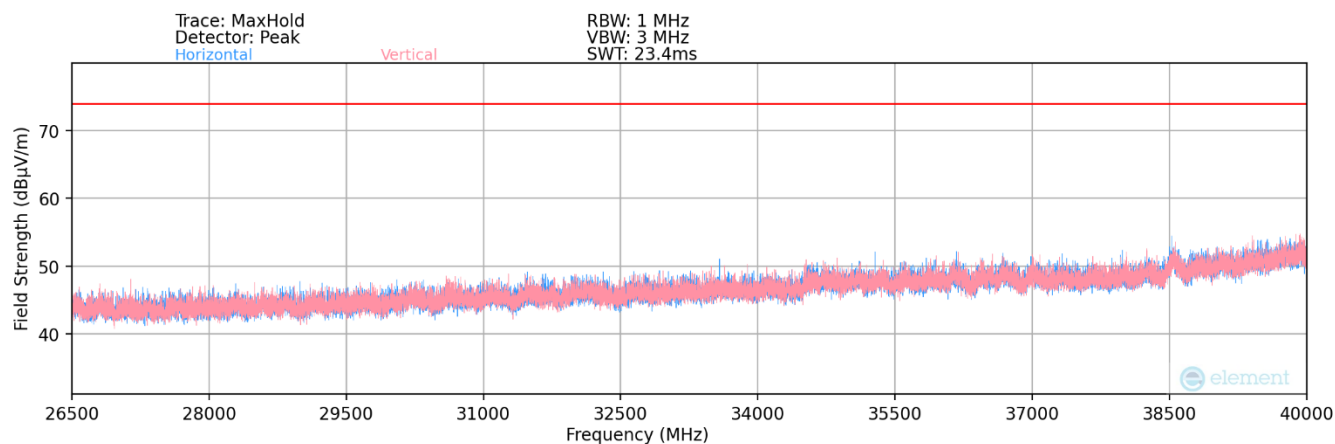


Plot 7-133. Radiated Spurious Plot above 1GHz MIMO (802.11ax – UNII 4 Ch. 173)



Plot 7-134. Radiated Spurious Plot 18GHz - 26.5GHz (802.11ax)

FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 115 of 146



Plot 7-135. Radiated Spurious Plot 26.5GHz - 40GHz (802.11ax)

FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 116 of 146

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]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
802.11ax RU 242T	MIMO	1	36	5180	61		7275.00	Average	H	280	323	-74.99	12.01	44.02	53.98	-9.96
							7275.00	Peak	H	280	323	-63.93	12.01	55.08	73.98	-18.90
							10360.00	Peak	H	-	-	-70.89	14.12	50.23	68.20	-17.97
						*	15540.00	Average	H	-	-	-84.16	20.49	43.33	53.98	-10.65
						*	15540.00	Peak	H	-	-	-72.45	20.49	55.04	73.98	-18.94
			40	5200	61		7275.00	Average	H	280	323	-74.85	11.56	43.71	53.98	-10.27
							7275.00	Peak	H	280	323	-63.24	11.56	55.32	73.98	-18.66
							10400.00	Peak	H	-	-	-70.90	14.26	50.36	68.20	-17.84
						*	15600.00	Average	H	-	-	-84.17	20.75	43.58	53.98	-10.40
						*	15600.00	Peak	H	-	-	-72.81	20.75	54.94	73.98	-19.04
			48	5240	61		7330.00	Average	H	277	317	-74.88	11.17	43.29	53.98	-10.69
							7330.00	Peak	H	277	317	-63.47	11.17	54.70	73.98	-19.28
							10480.00	Peak	H	-	-	-71.60	14.72	50.12	68.20	-18.08
						*	15720.00	Average	H	-	-	-84.46	20.93	43.47	53.98	-10.51
						*	15720.00	Peak	H	-	-	-73.46	21.21	54.75	73.98	-19.23

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

FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 117 of 146

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]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax RU242T	MIMO	2A	52	5260	61		7359.00	Average	H	283	320	-74.45	11.20	43.75	53.98	-10.23
							7359.00	Peak	H	283	320	-63.48	11.20	54.72	73.98	-19.26
							10520.00	Peak	H	-	-	-70.65	14.10	50.45	68.20	-17.75
						*	15780.00	Average	H	-	-	-84.82	21.81	43.99	53.98	-9.99
						*	15780.00	Peak	H	-	-	-73.75	21.95	55.20	73.98	-18.78
			56	5280	61		7387.00	Average	H	261	318	-75.38	11.41	43.03	53.98	-10.95
							7387.00	Peak	H	261	318	-63.73	11.41	54.68	73.98	-19.30
							10560.00	Peak	H	-	-	-71.15	14.24	50.09	68.20	-18.11
						*	15840.00	Average	H	-	-	-84.54	21.19	43.65	53.98	-10.33
						*	15840.00	Peak	H	-	-	-72.80	21.22	55.42	73.98	-18.56
			64	5320	61	*	7448.00	Average	H	263	302	-75.74	11.04	42.30	53.98	-11.68
						*	7448.00	Peak	H	263	302	-64.32	11.12	53.80	73.98	-20.18
						*	10640.00	Average	H	-	-	-82.49	14.50	39.01	53.98	-14.97
						*	10640.00	Peak	H	-	-	-71.62	14.75	50.13	73.98	-23.85
						*	15960.00	Average	H	-	-	-84.21	21.90	44.69	53.98	-9.29
						*	15960.00	Peak	H	-	-	-73.17	21.91	55.74	73.98	-18.24

Table 7-49. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 118 of 146

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]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
802.11ax RU242T	MIMO	2C	100	5500	61	*	11000.00	Average	H	-	-	-82.63	15.11	39.48	53.98	-14.50
						*	11000.00	Peak	H	-	-	-70.58	15.26	51.68	73.98	-22.30
							16500.00	Peak	H	-	-	-72.39	21.83	56.44	68.20	-11.76
			120	5600	61	*	11200.00	Average	H	-	-	-82.92	14.79	38.87	53.98	-15.11
						*	11200.00	Peak	H	-	-	-71.33	14.79	50.46	73.98	-23.52
							16800.00	Peak	H	-	-	-73.09	23.71	57.62	68.20	-10.58
			144	5720	61	*	11440.00	Average	H	-	-	-83.03	15.60	39.57	53.98	-14.41
						*	11440.00	Peak	H	-	-	-72.17	15.80	50.63	73.98	-23.35
							17160.00	Peak	H	-	-	-72.77	22.70	56.93	68.20	-11.27

Table 7-50. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 119 of 146

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]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax RU 242T	MIMO	3	149	5745	61	*	11490.00	Average	H	-	-	-83.24	15.56	39.32	53.98	-14.66
						*	11490.00	Peak	H	-	-	-72.03	15.53	50.50	73.98	-23.48
							17235.00	Peak	H	-	-	-72.98	23.29	57.31	68.20	-10.89
			157	5785	61	*	11570.00	Average	H	-	-	-83.09	15.59	39.50	53.98	-14.48
						*	11570.00	Peak	H	-	-	-71.31	15.47	51.16	73.98	-22.82
							17355.00	Peak	H	-	-	-83.64	23.47	46.83	68.20	-21.37
			165	5825	61	*	11650.00	Average	H	-	-	-82.65	15.77	40.12	53.98	-13.86
						*	11650.00	Peak	H	-	-	-71.10	15.76	51.66	73.98	-22.32
							17475.00	Peak	H	-	-	-72.24	22.93	57.69	68.20	-10.51

Table 7-51. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 120 of 146

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

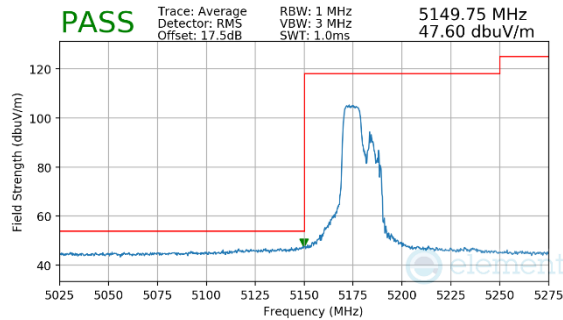
Mode	Antenna	UNII Band	Channel	Test Channel Freq. [MHz]	RU Index	Restricted	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
802.11ax RU242T	MIMO	4	169	5845	61	*	11690.00	Average	H	-	-	-82.58	16.14	40.56	53.98	-13.42
						*	11690.00	Peak	H	-	-	-70.88	16.13	52.25	73.98	-21.73
							17535.00	Peak	H	-	-	-73.02	22.74	56.72	68.20	-11.48
			173	5865	61	*	11730.00	Average	H	-	-	-82.77	16.24	40.47	53.98	-13.51
						*	11730.00	Peak	H	-	-	-70.66	15.98	52.32	73.98	-21.66
							17595.00	Peak	H	-	-	-73.81	23.71	56.90	68.20	-11.30
			177	5885	61	*	11770.00	Average	H	-	-	-82.59	16.24	40.65	53.98	-13.33
						*	11770.00	Peak	H	-	-	-70.97	16.24	52.27	73.98	-21.71
							17655.00	Peak	H	-	-	-73.52	23.76	57.24	68.20	-10.96

Table 7-52. Radiated Measurements MIMO (242 Tones)

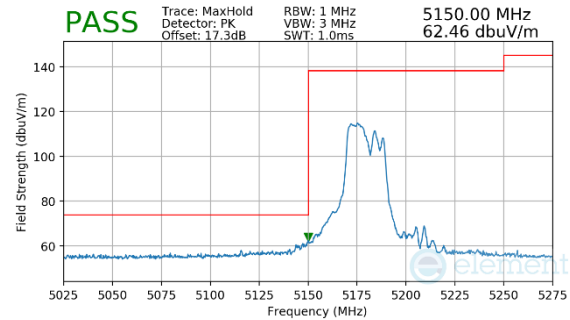
FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 121 of 146

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

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

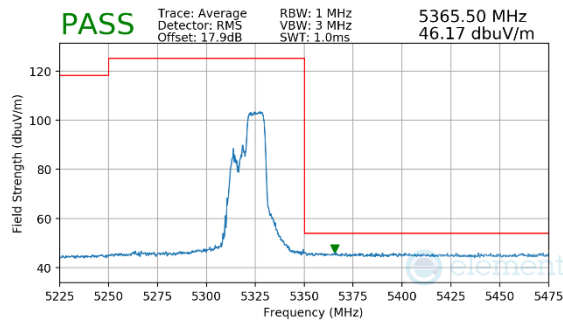


Plot 7-136. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 106 Tones)

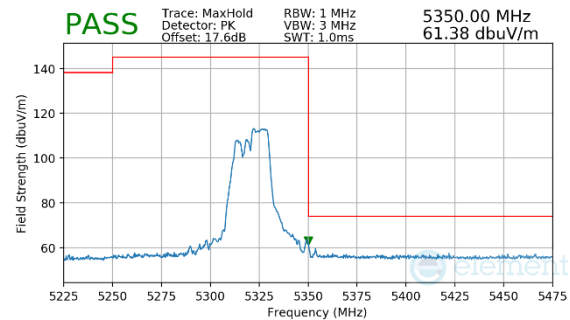


Plot 7-137. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 106 Tones)

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



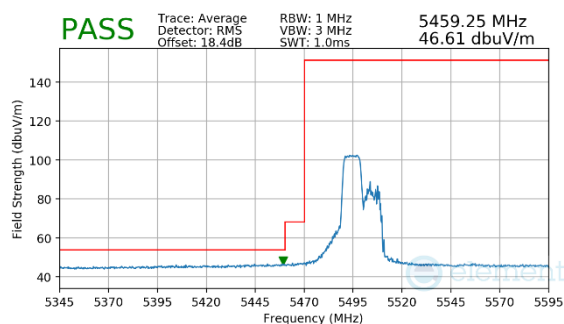
Plot 7-138. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 106 Tones)



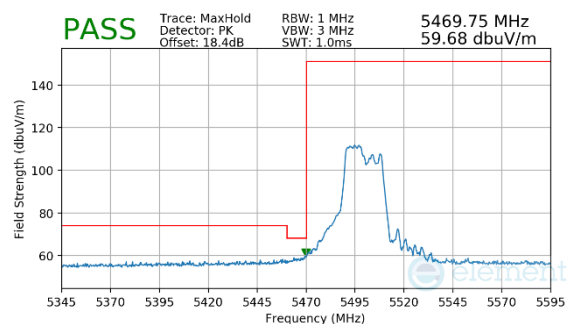
Plot 7-139. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 106 Tones)

FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 122 of 146

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

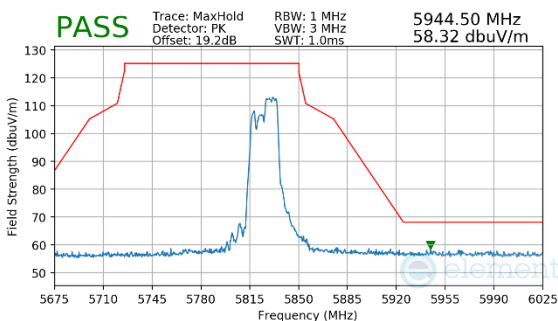


Plot 7-140. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 106 Tones)



Plot 7-141. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 106 Tones)

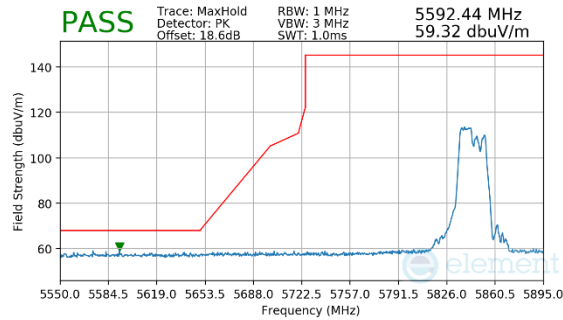
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	54
Distance of Measurements:	3 Meters
Operating Frequency:	5825MHz
Channel:	165



Plot 7-142. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 106 Tones)

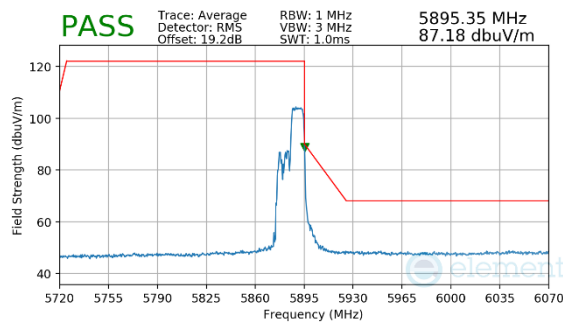
FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 123 of 146

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

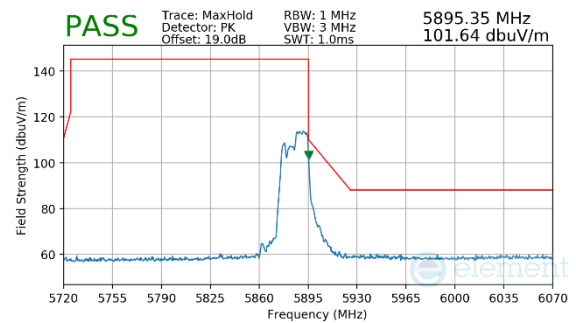


**Plot 7-143. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 4 – 106 Tones)**

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



**Plot 7-144. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 4 – 106 Tones)**

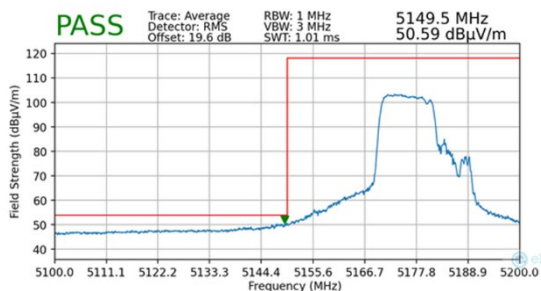


**Plot 7-145. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 4 – 106 Tones)**

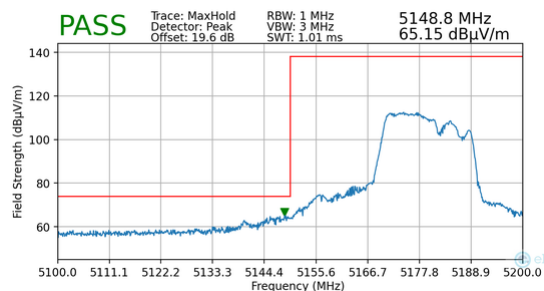
FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 124 of 146

7.6.4 MIMO Radiated Band Edge Measurements (20MHz BW – Partial Tone – 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

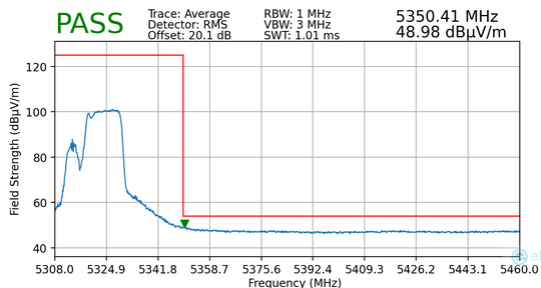


Plot 7-146. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 106+26 Tones)

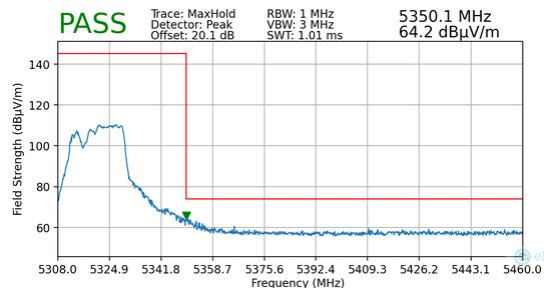


Plot 7-147. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 106+26 Tones)

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



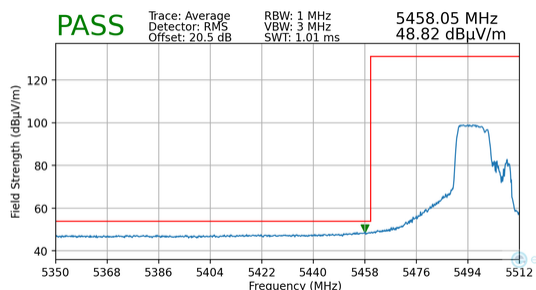
Plot 7-148. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 106+26 Tones)



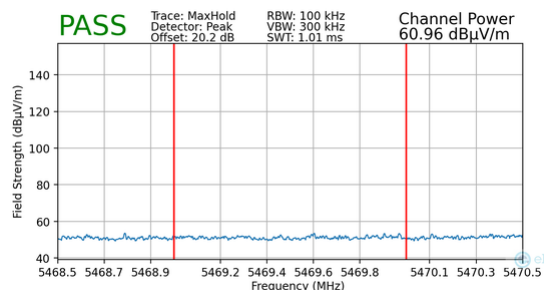
Plot 7-149. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 106+26 Tones)

FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 125 of 146

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

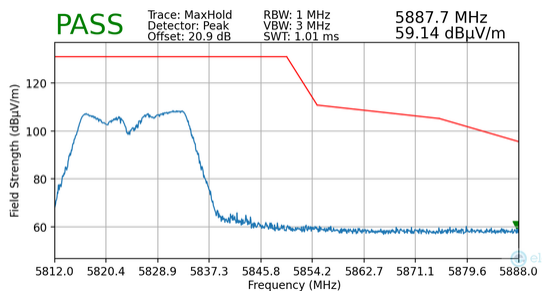


**Plot 7-150. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C – 106+26 Tones)**



**Plot 7-151. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 2C – 106+26 Tones)**

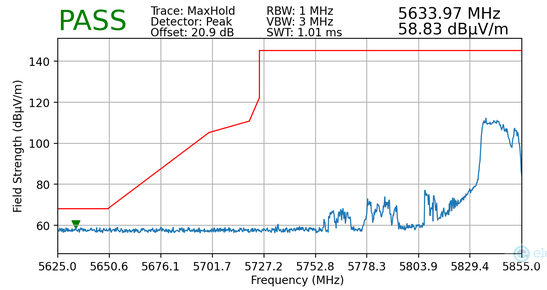
Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	83
Distance of Measurements:	3 Meters
Operating Frequency:	5825MHz
Channel:	165



**Plot 7-152. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 3 – 106+26 Tones)**

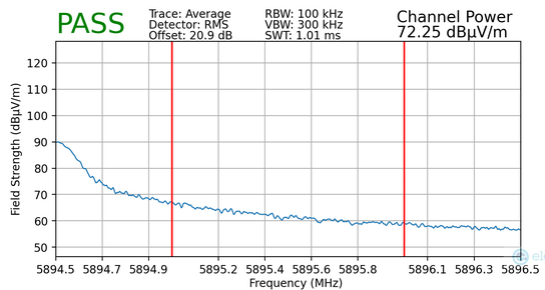
FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 126 of 146

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

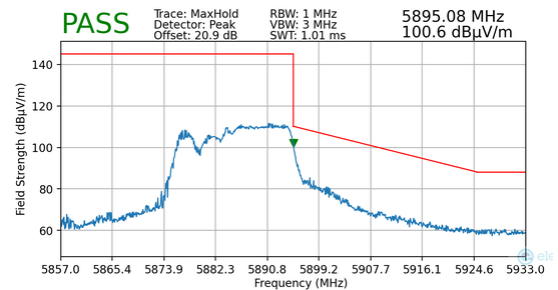


**Plot 7-153. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 4 – 106+26 Tones)**

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



**Plot 7-154. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 4 – 106+26 Tones)**

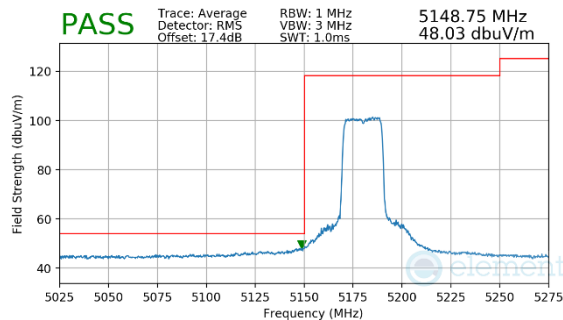


**Plot 7-155. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 4 – 106+26 Tones)**

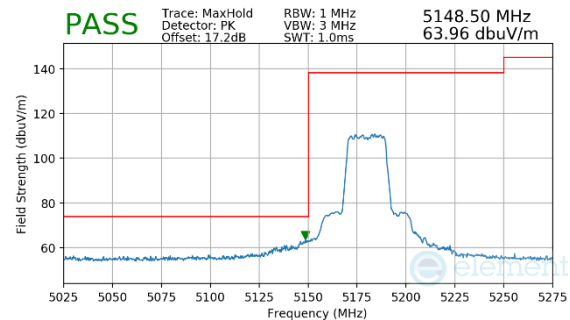
FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 127 of 146

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

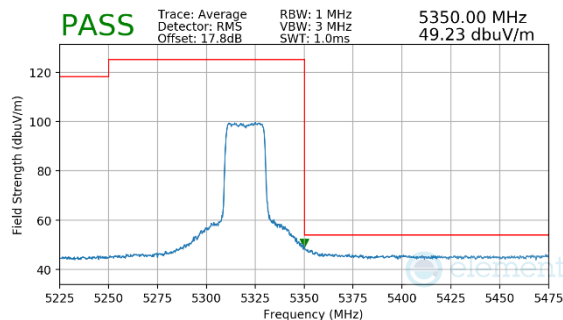


Plot 7-156. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 242 Tones)

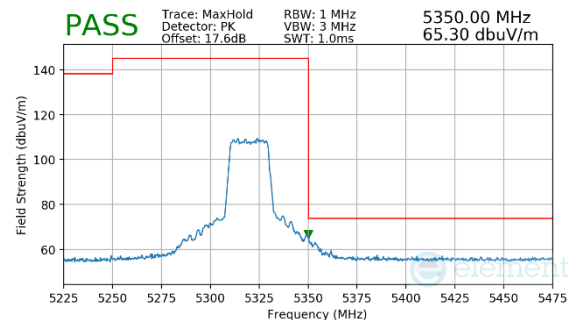


Plot 7-157. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 242 Tones)

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



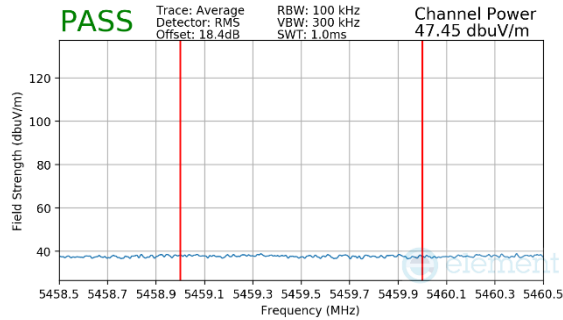
Plot 7-158. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 242 Tones)



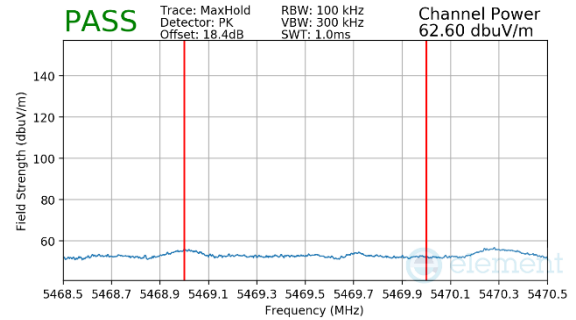
Plot 7-159. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 242 Tones)

FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 128 of 146

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

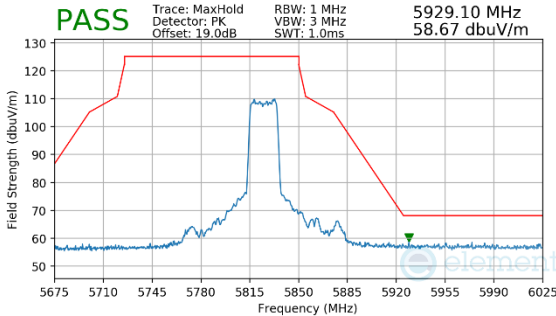


**Plot 7-160. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C – 242 Tones)**



**Plot 7-161. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 2C – 242 Tones)**

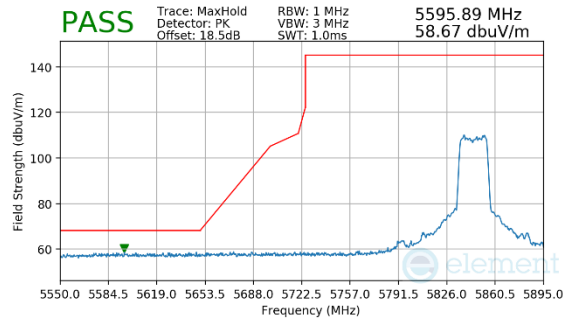
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5825MHz
Channel:	165



**Plot 7-162. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 3 – 242 Tones)**

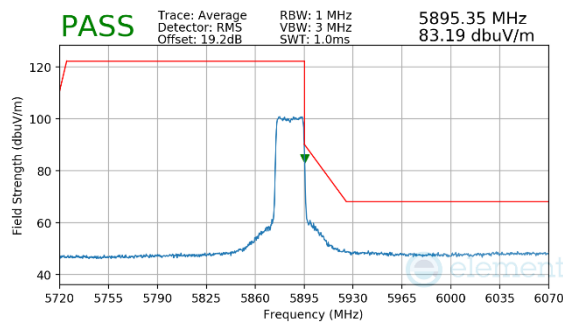
FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 129 of 146

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

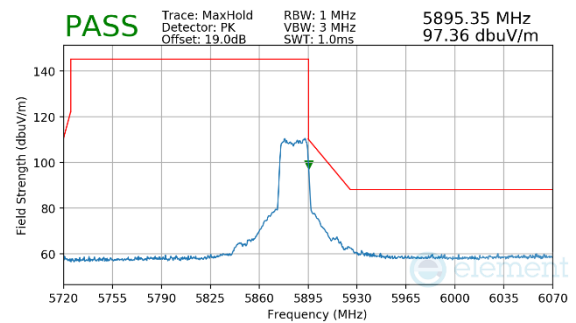


**Plot 7-163. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 4 – 242 Tones)**

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



**Plot 7-164. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 4 – 242 Tones)**

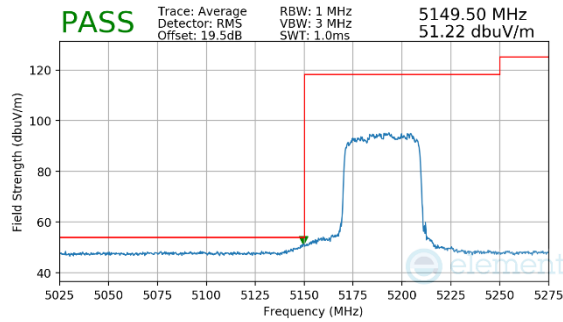


**Plot 7-165. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 4 – 242 Tones)**

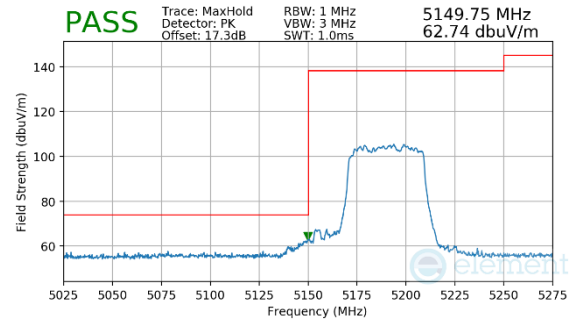
FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 130 of 146

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

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

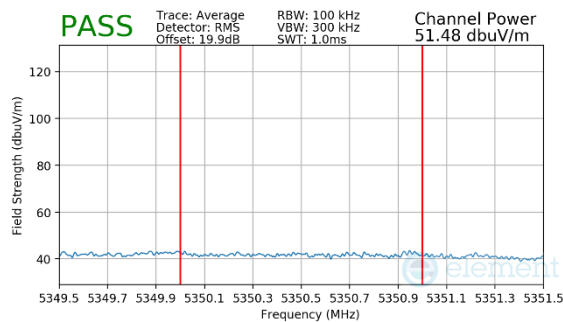


Plot 7-166. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 484 Tones)

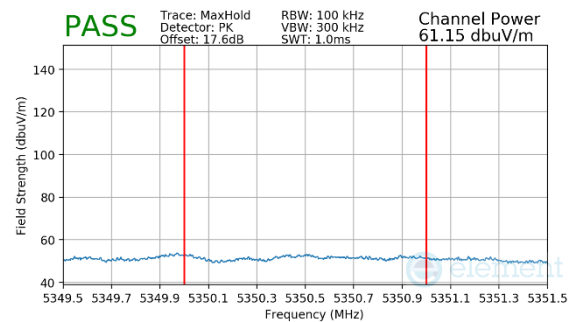


Plot 7-167. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 484 Tones)

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



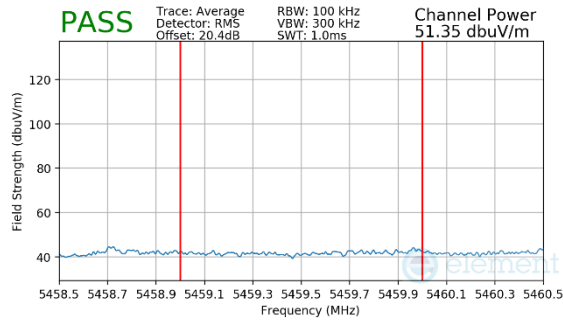
Plot 7-168. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 484 Tones)



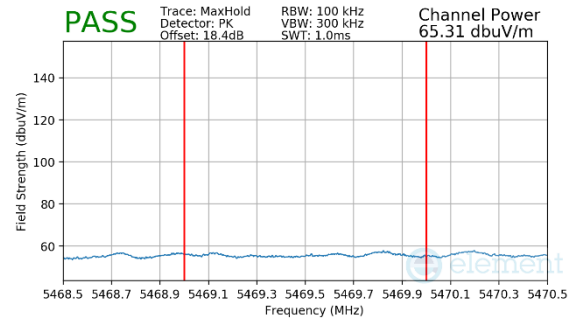
Plot 7-169. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 484 Tones)

FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 131 of 146

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

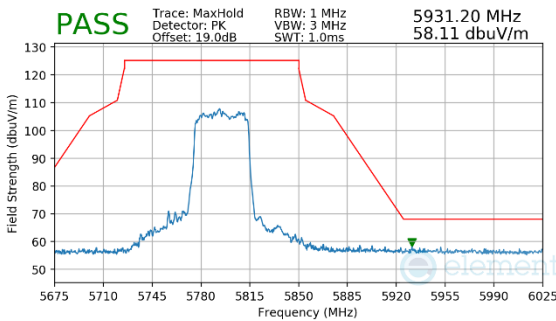


Plot 7-170. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 484 Tones)



Plot 7-171. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 484 Tones)

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

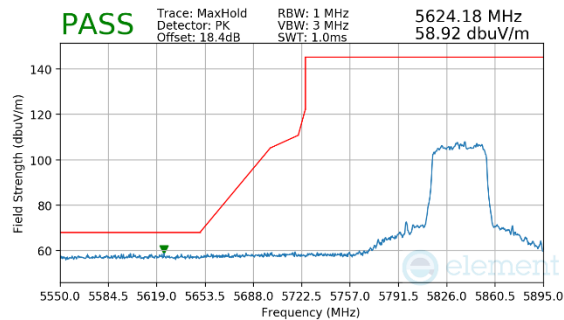


Plot 7-172. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 484 Tones)

FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 132 of 146

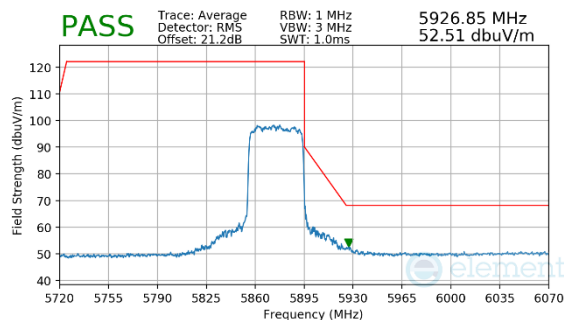


Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 90
Distance of Measurements: 3 Meters
Operating Frequency: 5835MHz
Channel: 167

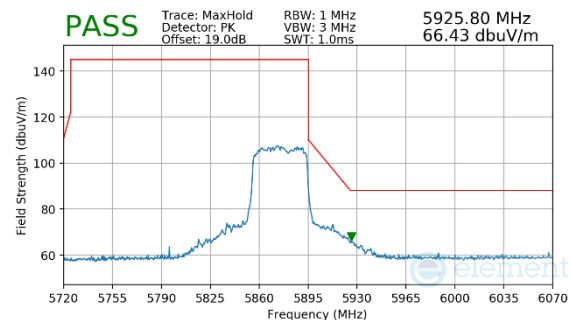


Plot 7-173. Radiated Lower Band Edge Plot MIMO (Peak - UNII Band 4 - 484 Tones)

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



Plot 7-174. Radiated Upper Band Edge Plot MIMO (Average - UNII Band 4 - 484 Tones)

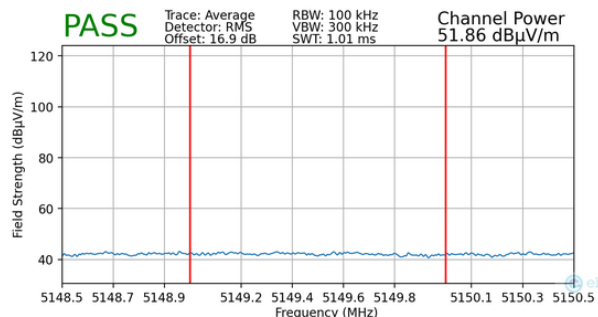


Plot 7-175. Radiated Upper Band Edge Plot MIMO (Peak - UNII Band 4 - 484 Tones)

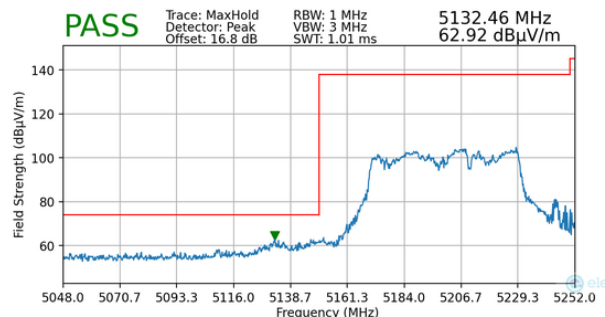
FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 - 11/05/2024	EUT Type: Portable Handset	Page 133 of 146

7.6.7 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

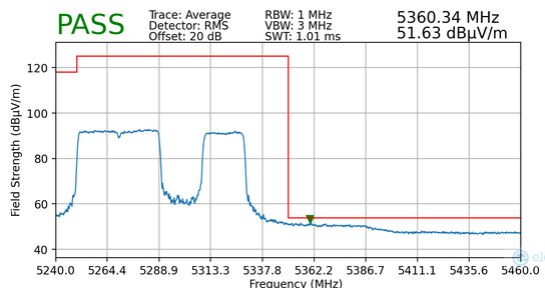


Plot 7-176. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 484+242 Tones)

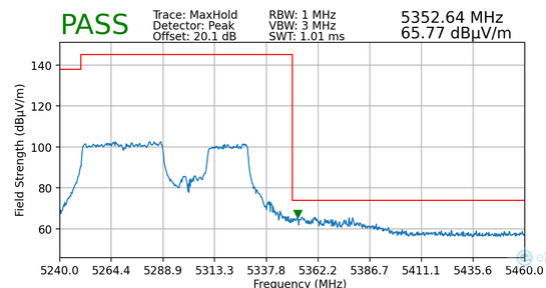


Plot 7-177. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 484+242 Tones)

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	92
Distance of Measurements:	3 Meters
Operating Frequency:	5290MHz
Channel:	58



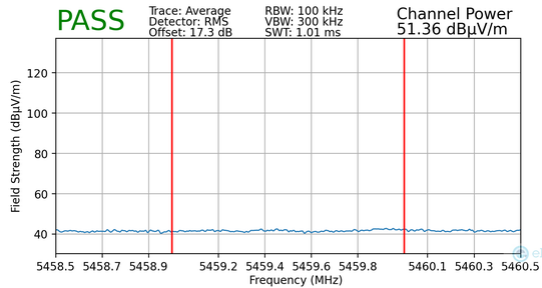
Plot 7-178. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 484+242 Tones)



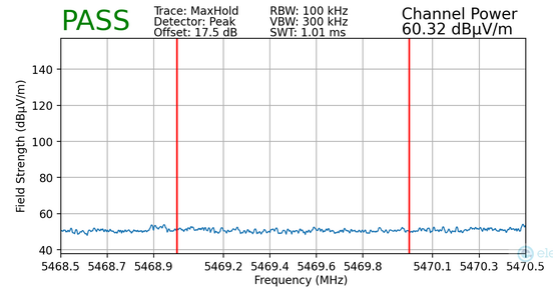
Plot 7-179. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 484+242 Tones)

FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 134 of 146

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

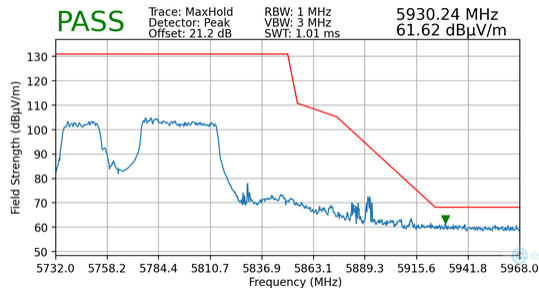


**Plot 7-180. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C – 484+242 Tones)**



**Plot 7-181. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 2C – 484+242 Tones)**

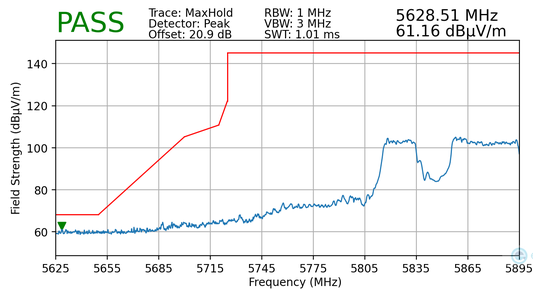
Worst Case Mode: 802.11be
Worst Case Transfer Rate: MCS0
RU Index: 92
Distance of Measurements: 3 Meters
Operating Frequency: 5775MHz
Channel: 155



**Plot 7-182. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 3 – 484+242 Tones)**

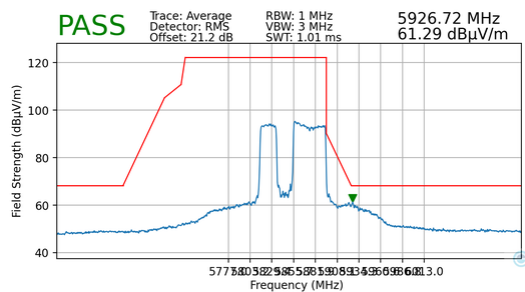
FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 135 of 146

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	92
Distance of Measurements:	3 Meters
Operating Frequency:	5855MHz
Channel:	171

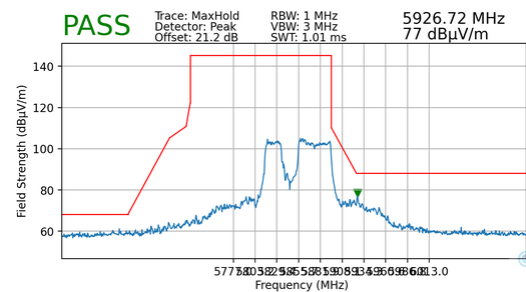


**Plot 7-183. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 4 – 484+242 Tones)**

Worst Case Mode:	802.11be
Worst Case Transfer Rate:	MCS0
RU Index:	92
Distance of Measurements:	3 Meters
Operating Frequency:	5855MHz
Channel:	171



**Plot 7-184. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 4 – 484+242 Tones)**

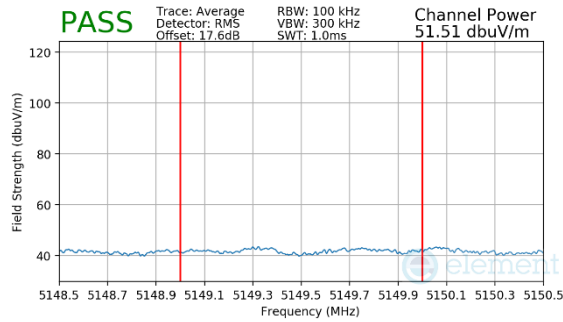


**Plot 7-185. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 4 – 484+242 Tones)**

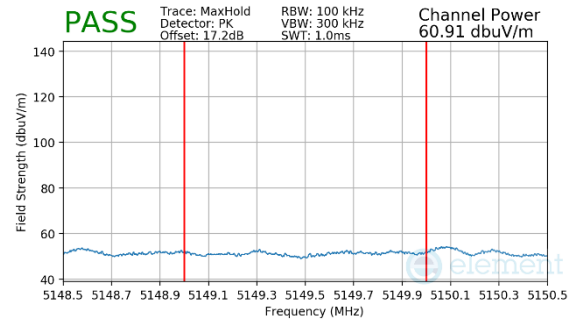
FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 136 of 146

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

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

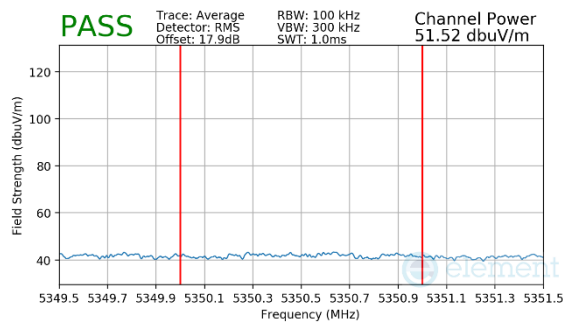


Plot 7-186. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 996 Tones)

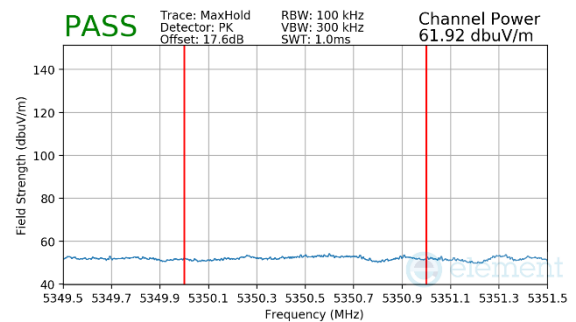


Plot 7-187. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 996 Tones)

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



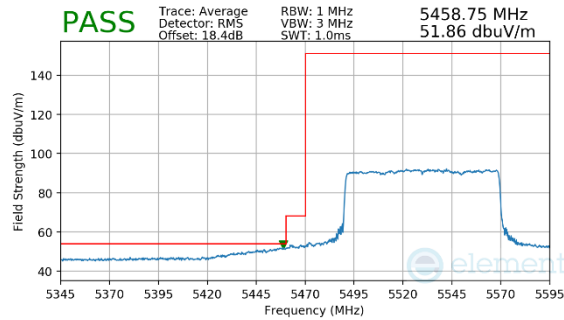
Plot 7-188. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 996 Tones)



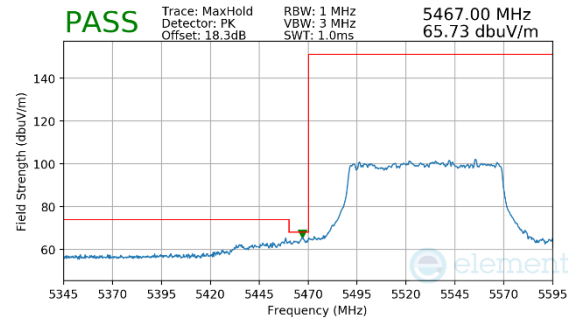
Plot 7-189. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 996 Tones)

FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 137 of 146

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

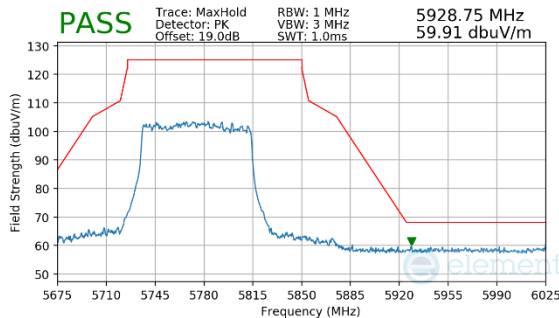


Plot 7-190. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 996 Tones)



Plot 7-191. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 996 Tones)

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

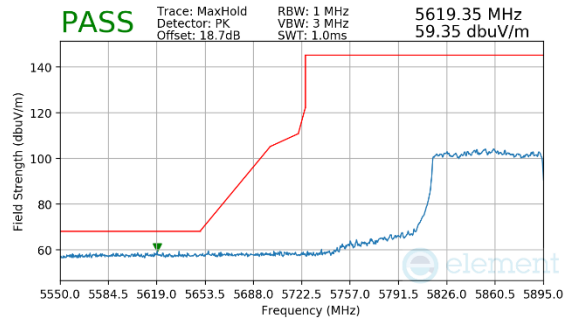


Plot 7-192. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 996 Tones)

FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 138 of 146

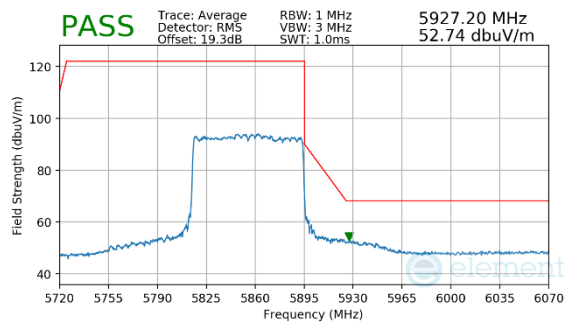


Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5855MHz
Channel:	171

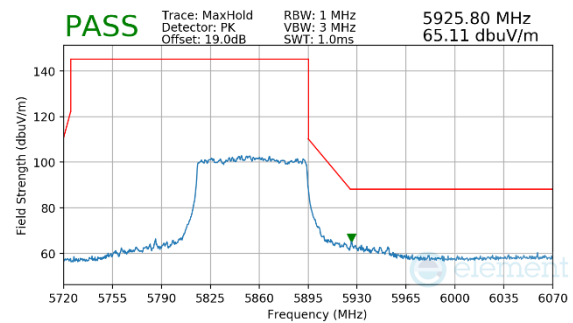


**Plot 7-193. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 4 – 996 Tones)**

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



**Plot 7-194. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 4 – 996 Tones)**

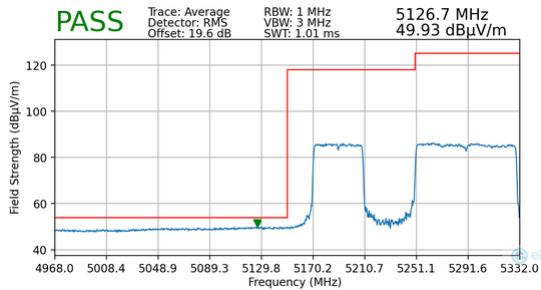


**Plot 7-195. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 4 – 996 Tones)**

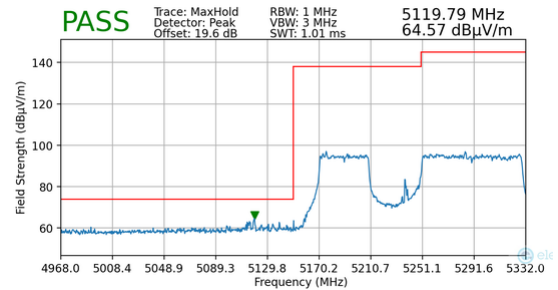
FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 139 of 146

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

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

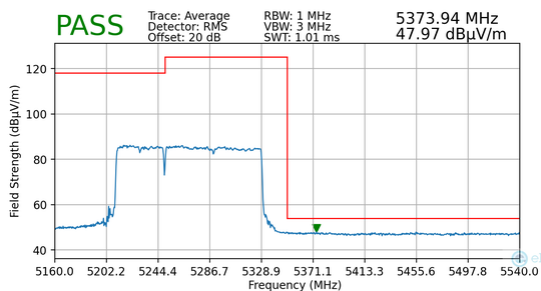


Plot 7-196. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 996+484 Tones)

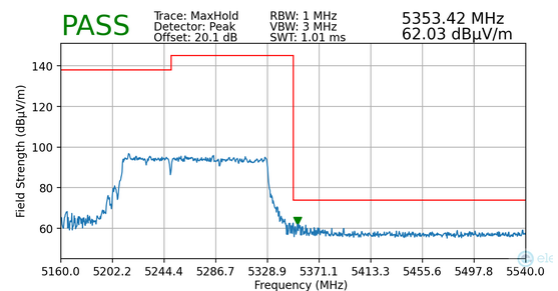


Plot 7-197. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 996+484 Tones)

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



Plot 7-198. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 996+484 Tones)

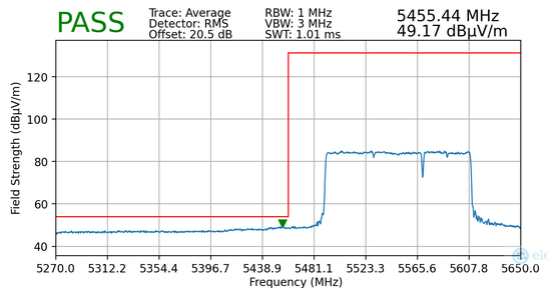


Plot 7-199. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 996+484 Tones)

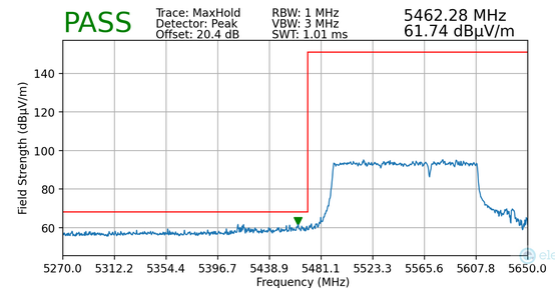
FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 140 of 146



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



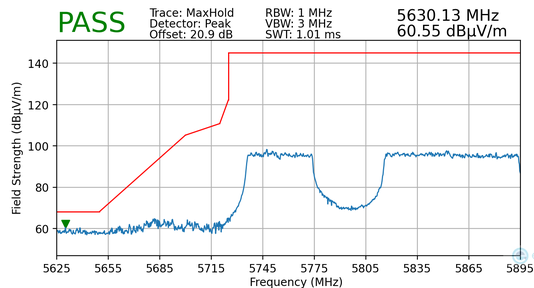
Plot 7-200. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C – 996+484 Tones)



Plot 7-201. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 2C – 996+484 Tones)

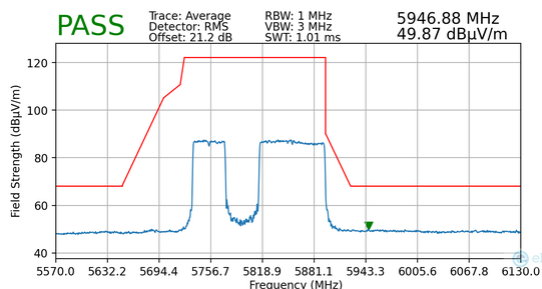
FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 141 of 146

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

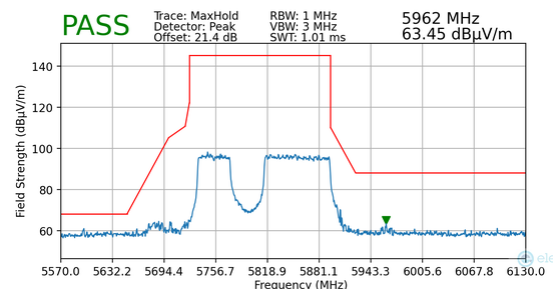


**Plot 7-202. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 4 – 996+484 Tones)**

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



**Plot 7-203. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 4 – 996+484 Tones)**

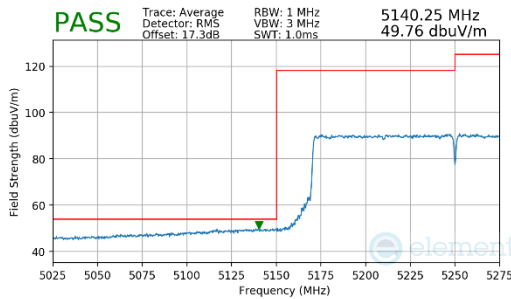


**Plot 7-204. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 4 – 996+484 Tones)**

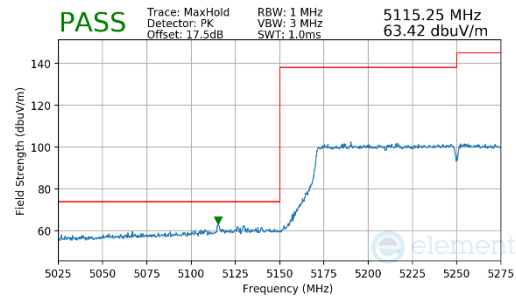
FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 142 of 146

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

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

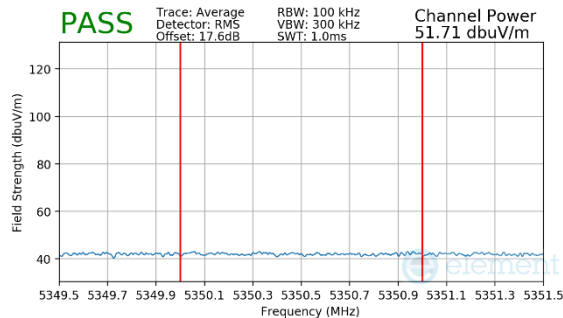


Plot 7-205. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 2x996 Tones)

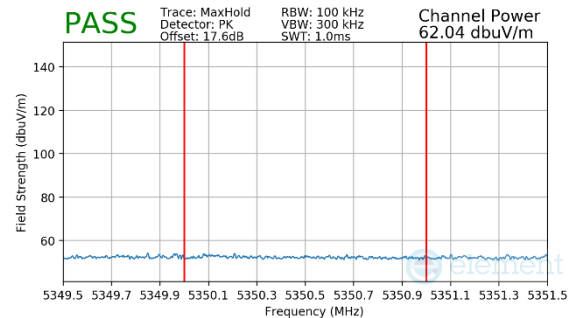


Plot 7-206. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 2x996 Tones)

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



Plot 7-207. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 2x996 Tones)

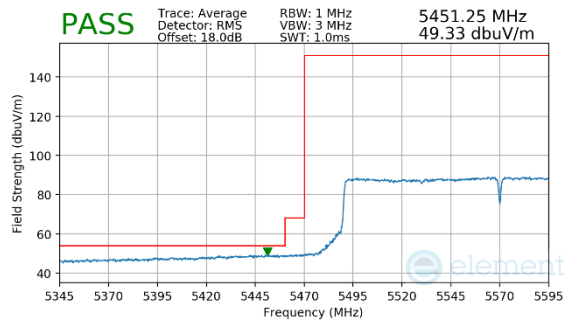


Plot 7-208. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 2x996 Tones)

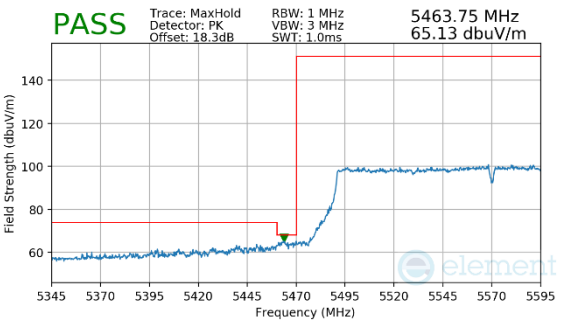
FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 143 of 146



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



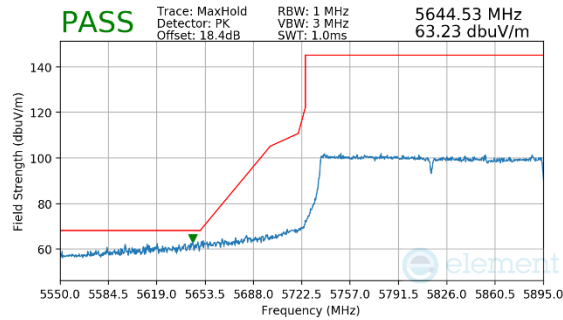
Plot 7-209. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C – 2x996 Tones)



Plot 7-210. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 2C – 2x996 Tones)

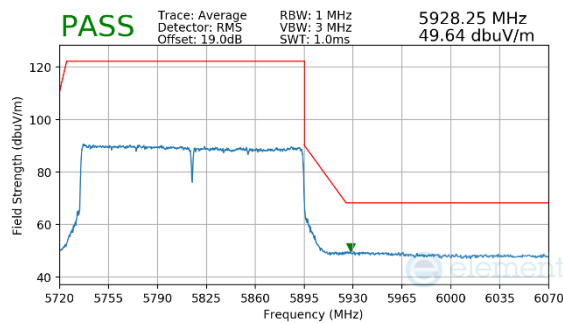
FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 144 of 146

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

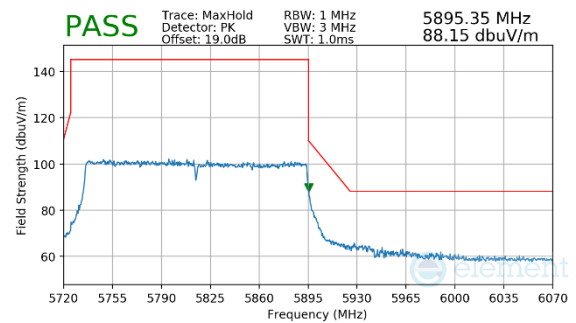


**Plot 7-211. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 4 – 2x996 Tones)**

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



**Plot 7-212. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 4 – 2x996 Tones)**



**Plot 7-213. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 4 – 2x996 Tones)**

FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 145 of 146



8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Samsung Portable Handset FCC: A3LSMS936B** is in compliance with FCC Part Subpart E (15.407) of the FCC rules.

FCC ID: A3LSMS936B	MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260066-18.A3L	Test Dates: 09/03/2024 – 11/05/2024	EUT Type: Portable Handset	Page 146 of 146