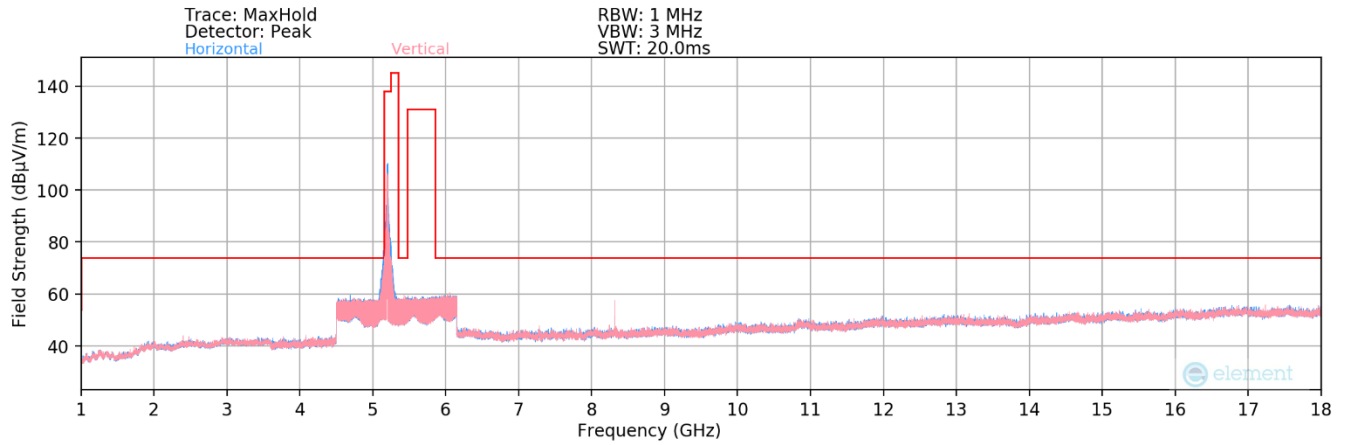
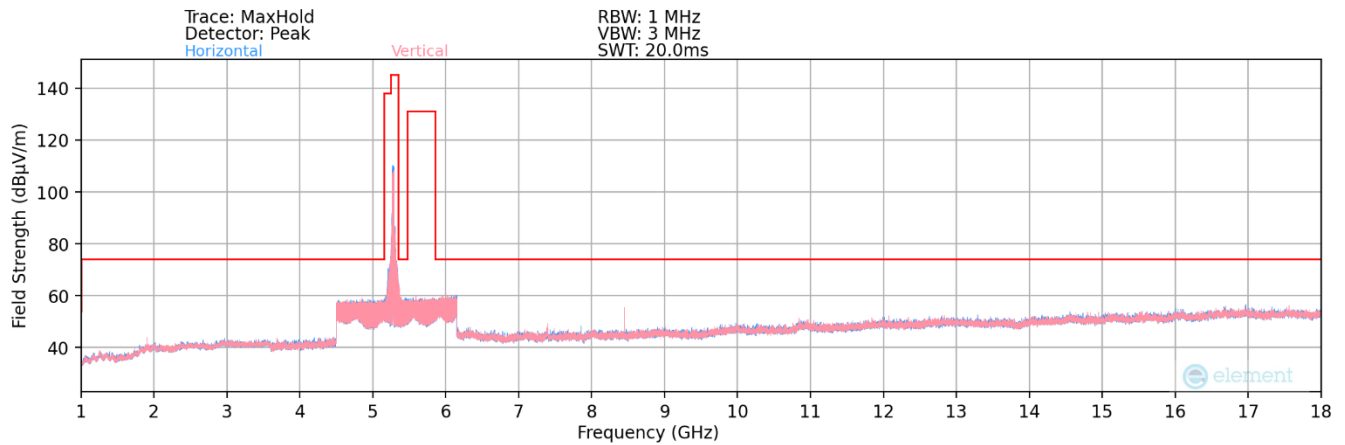


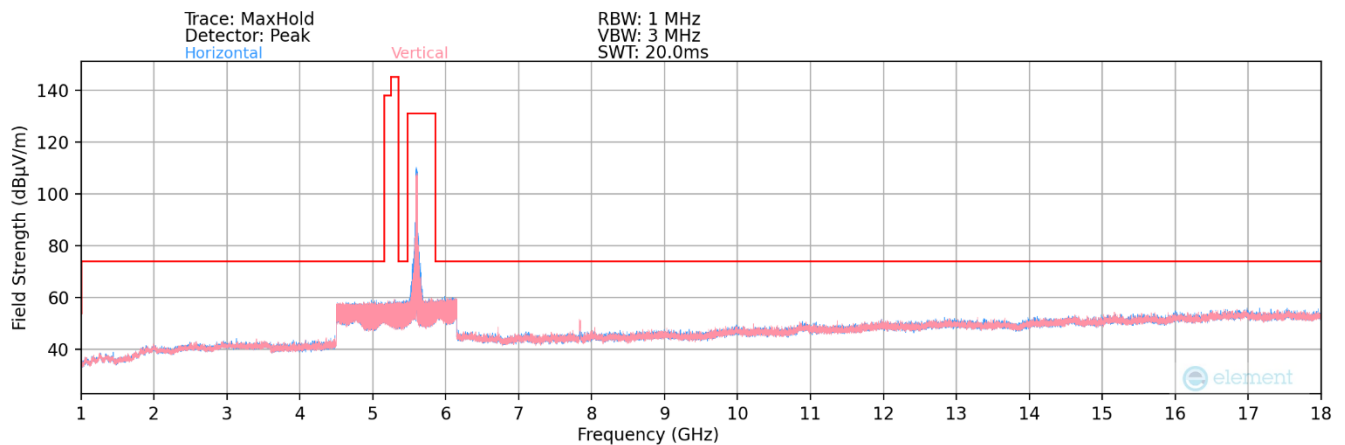
242 Tones



Plot 7-308. Radiated Spurious Plot above 1GHz MIMO (802.11ax – U1 Ch. 40 – 242 Tones)

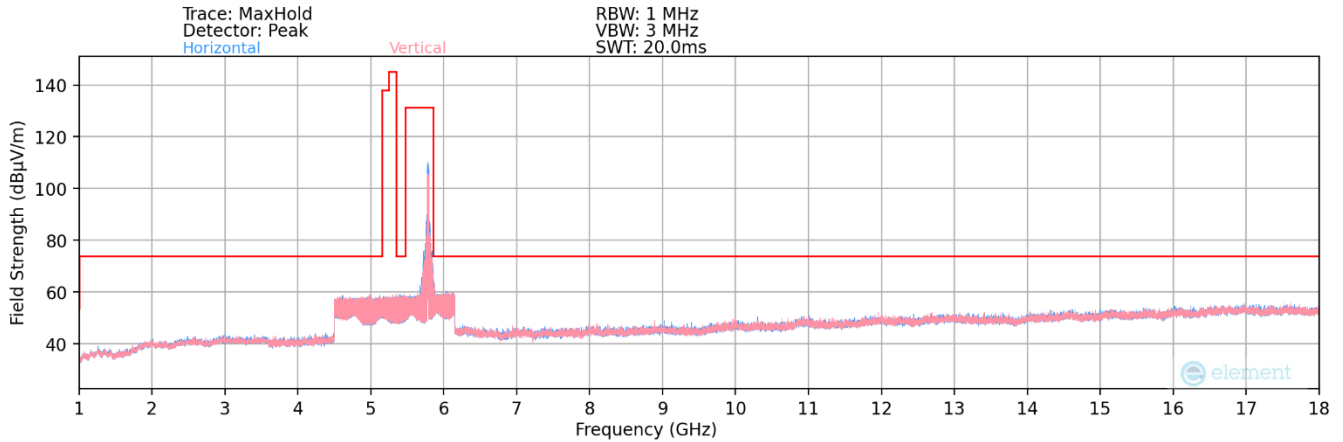


Plot 7-309. Radiated Spurious Plot above 1GHz MIMO (802.11ax – U2A Ch. 56 – 242 Tones)

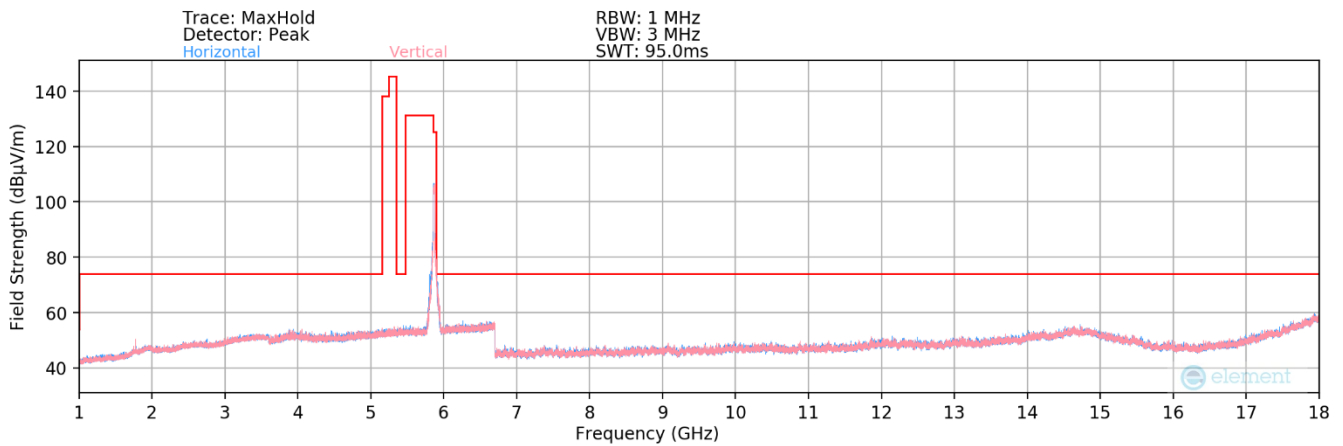


Plot 7-310. Radiated Spurious Plot above 1GHz MIMO (802.11ax – U2C Ch. 120 – 242 Tones)

FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2212080137-12-R1.A3L	Test Dates: 9/08 - 11/08/2022	EUT Type: Portable Handset	Page 208 of 231



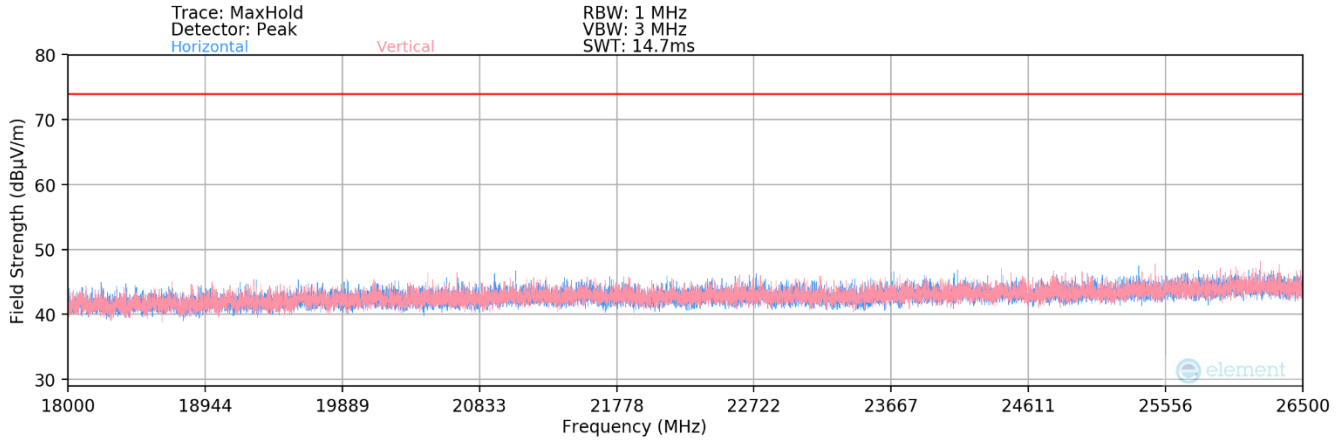
Plot 7-311. Radiated Spurious Plot above 1GHz MIMO (802.11ax – U3 Ch. 157 – 242 Tones)



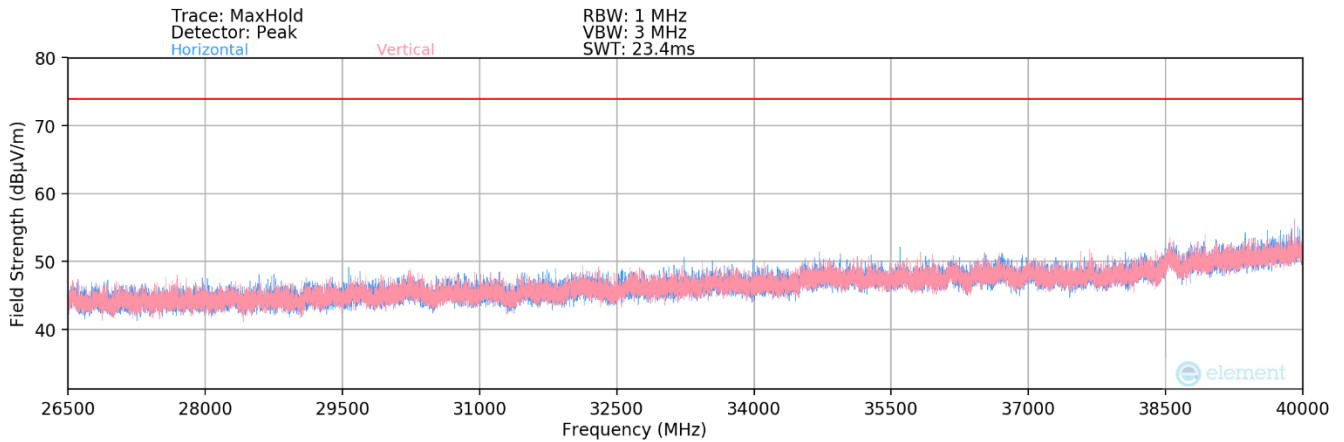
Plot 7-312. Radiated Spurious Plot above 1GHz MIMO (802.11ax – U3 Ch. 173 – 242 Tones)

FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2212080137-12-R1.A3L	Test Dates: 9/08 - 11/08/2022	EUT Type: Portable Handset	Page 209 of 231

MIMO Radiated Spurious Emissions Measurements (Above 18GHz)



Plot 7-313. Radiated Spurious Plot 18GHz - 26.5GHz MIMO (802.11ax – 242 Tones)



Plot 7-314. Radiated Spurious Plot 26.5GHz - 40GHz MIMO (802.11ax – 242 Tones)

FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2212080137-12-R1.A3L	Test Dates: 9/08 - 11/08/2022	EUT Type: Portable Handset	Page 210 of 231



MIMO Radiated Spurious Emission Measurements (242 Tones)

§15.407(b) §15.205 & §15.209; RSS-Gen [8.9]

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 5180MHz
 Channel: 36

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]
10360.00	Peak	V	-	-	-70.19	11.68	0.00	48.49	68.20	-19.71
* 15540.00	Average	V	-	-	-79.17	16.66	0.00	44.49	53.98	-9.49
* 15540.00	Peak	V	-	-	-70.63	16.66	0.00	53.03	73.98	-20.95
* 20720.00	Average	V	-	-	-66.17	3.37	-9.54	34.66	53.98	-19.32
* 20720.00	Peak	V	-	-	-55.94	3.37	-9.54	44.89	73.98	-29.09
25900.00	Peak	V	-	-	-55.23	4.84	-9.54	47.06	68.20	-21.14

Table 7-64. Radiated Measurements MIMO (242 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 5200MHz
 Channel: 40

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]
10400.00	Peak	V	-	-	-70.56	11.50	0.00	47.94	68.20	-20.26
* 15600.00	Average	V	-	-	-79.61	16.38	0.00	43.77	53.98	-10.21
* 15600.00	Peak	V	-	-	-70.37	16.38	0.00	53.01	73.98	-20.97
* 20800.00	Average	V	-	-	-65.80	3.43	-9.54	35.08	53.98	-18.90
* 20800.00	Peak	V	-	-	-55.36	3.43	-9.54	45.52	73.98	-28.46
26000.00	Peak	V	-	-	-55.13	4.89	-9.54	47.22	68.20	-20.98

Table 7-65. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2212080137-12-R1.A3L	Test Dates: 9/08 - 11/08/2022	EUT Type: Portable Handset	Page 211 of 231

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 5240MHz
 Channel: 48

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]
10480.00	Peak	V	-	-	-70.85	11.50	0.00	47.65	68.20	-20.55
* 15720.00	Average	V	-	-	-79.56	16.38	0.00	43.82	53.98	-10.16
* 15720.00	Peak	V	-	-	-70.65	16.38	0.00	52.73	73.98	-21.25
* 20960.00	Average	V	-	-	-66.57	3.50	-9.54	34.39	53.98	-19.59
* 20960.00	Peak	V	-	-	-56.00	3.50	-9.54	44.96	73.98	-29.02
26200.00	Peak	V	-	-	-53.97	4.72	-9.54	48.21	68.20	-19.99

Table 7-66. Radiated Measurements MIMO (242 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 5260MHz
 Channel: 52

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]
10520.00	Peak	V	-	-	-70.90	10.89	0.00	46.99	68.20	-21.21
* 15780.00	Average	V	-	-	-79.55	16.44	0.00	43.89	53.98	-10.08
* 15780.00	Peak	V	-	-	-70.63	16.44	0.00	52.81	73.98	-21.16
* 21040.00	Average	V	-	-	-66.68	3.56	-9.54	34.34	53.98	-19.64
* 21040.00	Peak	V	-	-	-55.15	3.56	-9.54	45.87	73.98	-28.11
26300.00	Peak	V	-	-	-55.49	4.68	-9.54	46.65	68.20	-21.55

Table 7-67. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2212080137-12-R1.A3L	Test Dates: 9/08 - 11/08/2022	EUT Type: Portable Handset	Page 212 of 231

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 5280MHz
 Channel: 56

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]
10560.00	Peak	V	-	-	-70.50	11.67	0.00	48.17	68.20	-20.03
* 15840.00	Average	V	-	-	-80.31	16.59	0.00	43.28	53.98	-10.70
* 15840.00	Peak	V	-	-	-70.42	16.59	0.00	53.17	73.98	-20.81
* 21120.00	Average	V	-	-	-66.25	3.66	-9.54	34.87	53.98	-19.11
* 21120.00	Peak	V	-	-	-55.33	3.66	-9.54	45.79	73.98	-28.19
26400.00	Peak	V	-	-	-54.90	4.56	-9.54	47.11	68.20	-21.09

Table 7-68. Radiated Measurements MIMO (242 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 5320MHz
 Channel: 64

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]
* 10640.00	Average	V	-	-	-78.76	12.15	0.00	40.39	53.98	-13.59
* 10640.00	Peak	V	-	-	-69.72	12.15	0.00	49.43	73.98	-24.55
* 15960.00	Average	V	-	-	-80.37	16.92	0.00	43.55	53.98	-10.43
* 15960.00	Peak	V	-	-	-71.98	16.92	0.00	51.94	73.98	-22.04
* 21280.00	Average	V	-	-	-66.33	3.77	-9.54	34.90	53.98	-19.08
* 21280.00	Peak	V	-	-	-55.60	3.77	-9.54	45.63	73.98	-28.35
26600.00	Peak	V	-	-	-56.10	4.58	-9.54	45.94	68.20	-22.26

Table 7-69. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2212080137-12-R1.A3L	Test Dates: 9/08 - 11/08/2022	EUT Type: Portable Handset	Page 213 of 231

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 5500MHz
 Channel: 100

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]
* 11000.00	Average	V	-	-	-78.54	11.86	0.00	40.32	53.98	-13.66
* 11000.00	Peak	V	-	-	-69.81	11.86	0.00	49.05	73.98	-24.93
16500.00	Peak	V	-	-	-72.44	17.23	0.00	51.79	68.20	-16.41
22000.00	Peak	V	-	-	-59.85	3.80	-9.54	41.41	68.20	-26.79
27500.00	Peak	V	-	-	-58.48	4.79	-9.54	43.76	68.20	-24.44

Table 7-70. Radiated Measurements MIMO (242 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 5600MHz
 Channel: 120

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]
* 11200.00	Average	V	-	-	-79.62	12.61	0.00	39.99	53.98	-13.98
* 11200.00	Peak	V	-	-	-73.71	12.61	0.00	45.90	73.98	-28.07
16800.00	Peak	V	-	-	-70.91	17.81	0.00	53.90	68.20	-14.30
* 22400.00	Average	V	-	-	-71.83	3.90	-9.54	29.53	53.98	-24.45
* 22400.00	Peak	V	-	-	-61.26	3.90	-9.54	40.10	73.98	-33.88
28000.00	Peak	V	-	-	-60.92	5.18	-9.54	41.72	68.20	-26.48

Table 7-71. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2212080137-12-R1.A3L	Test Dates: 9/08 - 11/08/2022	EUT Type: Portable Handset	Page 214 of 231

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 5720MHz
 Channel: 144

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]
* 11440.00	Average	V	-	-	-80.43	12.75	0.00	39.32	53.98	-14.66
* 11440.00	Peak	V	-	-	-72.33	12.75	0.00	47.42	73.98	-26.56
17160.00	Peak	V	-	-	-69.77	17.01	0.00	54.24	68.20	-13.96
* 22880.00	Average	V	-	-	-66.04	3.82	-9.54	35.24	53.98	-18.74
* 22880.00	Peak	V	-	-	-55.51	3.82	-9.54	45.77	73.98	-28.21
28600.00	Peak	V	-	-	-54.84	5.43	-9.54	48.05	68.20	-20.15

Table 7-72. Radiated Measurements MIMO (242 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 5745MHz
 Channel: 149

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]
* 11490.00	Average	V	-	-	-79.69	12.79	0.00	40.10	53.98	-13.88
* 11490.00	Peak	V	-	-	-71.77	12.79	0.00	48.02	73.98	-25.96
17235.00	Peak	V	-	-	-70.22	17.69	0.00	54.47	68.20	-13.73
* 22980.00	Average	V	-	-	-66.70	3.76	-9.54	34.52	53.98	-19.46
* 22980.00	Peak	V	-	-	-55.50	3.76	-9.54	45.72	73.98	-28.26
28725.00	Peak	V	-	-	-55.48	5.46	-9.54	47.44	68.20	-20.76

Table 7-73. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 5785MHz
 Channel: 157

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]
* 11570.00	Average	V	-	-	-79.22	12.58	0.00	40.36	53.98	-13.62
* 11570.00	Peak	V	-	-	-70.68	12.58	0.00	48.90	73.98	-25.08
17355.00	Peak	V	-	-	-70.44	16.92	0.00	53.48	68.20	-14.72
23140.00	Peak	V	-	-	-55.88	3.80	-9.54	45.37	68.20	-22.83
28925.00	Peak	V	-	-	-55.56	5.51	-9.54	47.41	68.20	-20.79

Table 7-74. Radiated Measurements MIMO (242 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 5825MHz
 Channel: 165

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]
* 11650.00	Average	V	-	-	-80.32	12.62	0.00	39.30	53.98	-14.68
* 11650.00	Peak	V	-	-	-70.15	12.62	0.00	49.47	73.98	-24.51
17475.00	Peak	V	-	-	-73.45	17.20	0.00	50.75	68.20	-17.45
23300.00	Peak	V	-	-	-55.99	3.74	-9.54	45.20	68.20	-23.00
29125.00	Peak	V	-	-	-56.22	5.67	-9.54	46.90	68.20	-21.30

Table 7-75. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2212080137-12-R1.A3L	Test Dates: 9/08 - 11/08/2022	EUT Type: Portable Handset	Page 216 of 231

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 5745MHz
 Channel: 169

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]
* 11690.00	Average	V	-	-	-82.42	18.07	0.00	42.65	53.98	-11.33
* 11690.00	Peak	V	-	-	-71.38	18.07	0.00	53.69	73.98	-20.29
17535.00	Peak	V	-	-	-69.16	25.38	0.00	63.23	68.20	-4.97
23380.00	Peak	V	-	-	-55.92	3.76	-9.54	54.84	68.20	-13.36
29225.00	Peak	V	-	-	-55.57	5.66	-9.54	57.09	68.20	-11.11
35070.00	Peak	V	-	-	-53.75	7.69	-9.54	60.94	68.20	-7.26

Table 7-76. Radiated Measurements MIMO (242 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 5785MHz
 Channel: 173

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]
* 11730.00	Average	V	-	-	-82.17	18.07	0.00	42.90	53.98	-11.08
* 11730.00	Peak	V	-	-	-71.53	18.07	0.00	53.54	73.98	-20.44
17595.00	Peak	V	-	-	-69.93	25.44	0.00	62.51	68.20	-5.69
23460.00	Peak	V	-	-	-55.38	3.76	-9.54	55.38	68.20	-12.82
29325.00	Peak	V	-	-	-55.47	5.90	-9.54	57.43	68.20	-10.77
35190.00	Peak	V	-	-	-54.81	7.78	-9.54	59.97	68.20	-8.23

Table 7-77. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 5825MHz
 Channel: 177

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]
* 11770.00	Average	V	-	-	-82.16	17.82	0.00	42.65	53.98	-11.33
* 11770.00	Peak	V	-	-	-71.13	17.82	0.00	53.68	73.98	-20.30
17655.00	Peak	V	-	-	-70.19	25.57	0.00	62.39	68.20	-5.81
23540.00	Peak	V	-	-	-56.10	3.80	-9.54	54.70	68.20	-13.50
29425.00	Peak	V	-	-	-56.08	5.83	-9.54	56.75	68.20	-11.45
35310.00	Peak	V	-	-	-54.82	7.90	-9.54	60.08	68.20	-8.12

Table 7-78. Radiated Measurements MIMO (242 Tones)

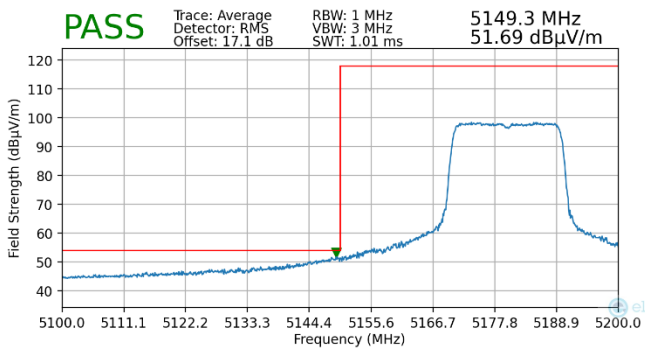
FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2212080137-12-R1.A3L	Test Dates: 9/08 - 11/08/2022	EUT Type: Portable Handset	Page 218 of 231

1.6.2 MIMO Radiated Band Edge Measurements (20MHz BW)

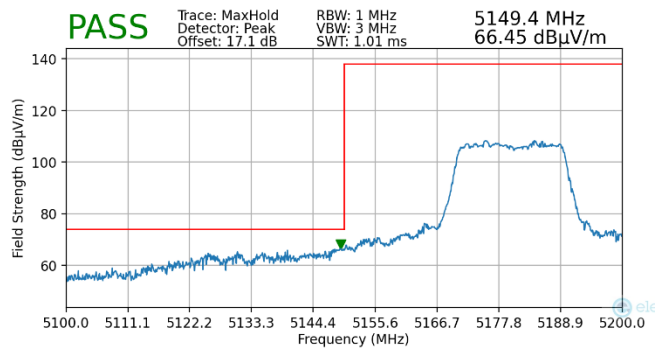
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

242 Tones

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

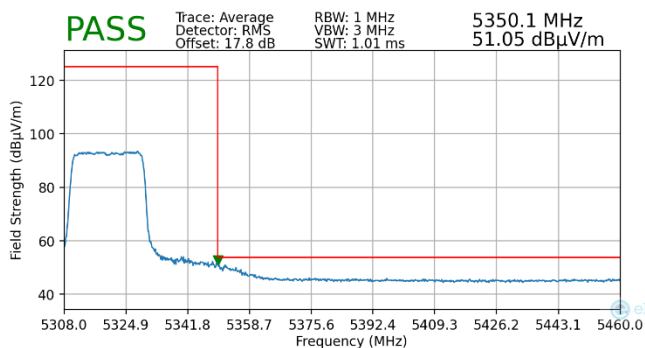


Plot 7-315. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 242 Tones)

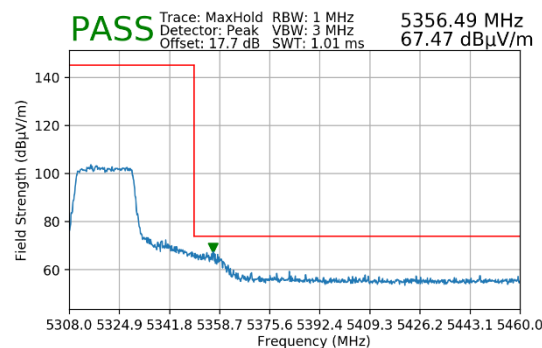


Plot 7-316. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 242 Tones)

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



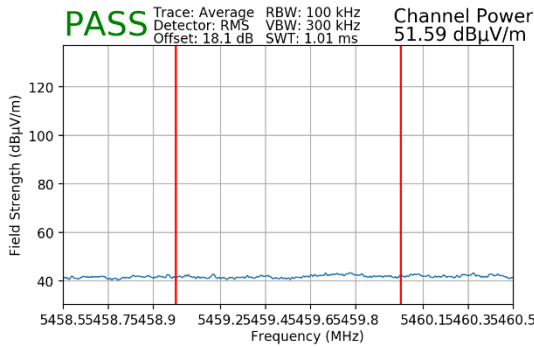
Plot 7-317. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 242 Tones)



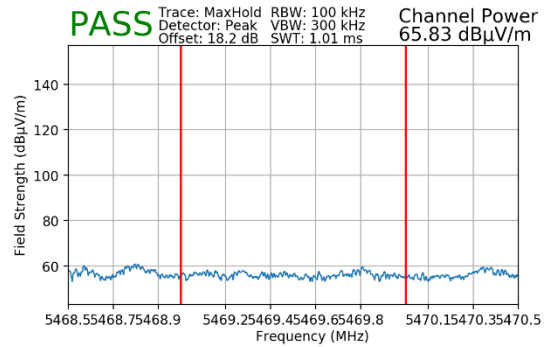
Plot 7-318. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 242 Tones)

FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5500MHz
Channel:	100

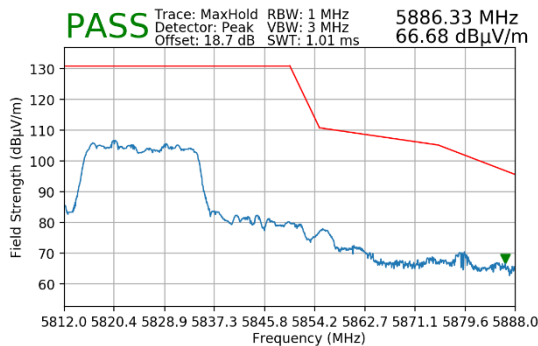


Plot 7-319. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 242 Tones)



Plot 7-320. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 242 Tones)

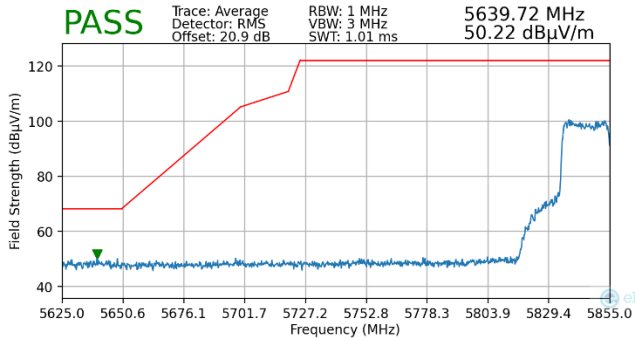
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5825MHz
Channel:	165



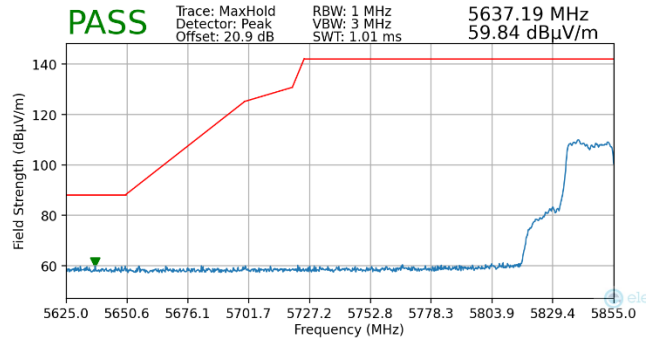
Plot 7-321. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 242 Tones)

FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5845MHz
 Channel: 169

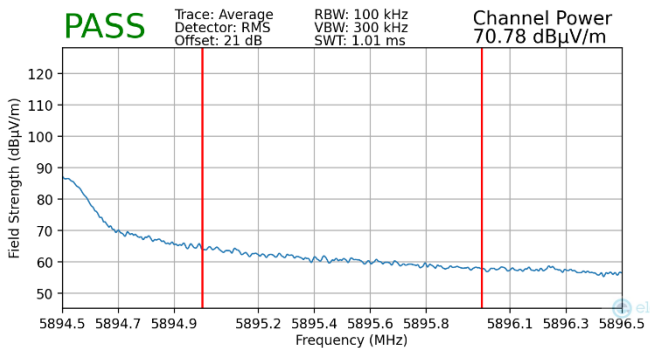


Plot 7-322. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 4 – 242 Tones)

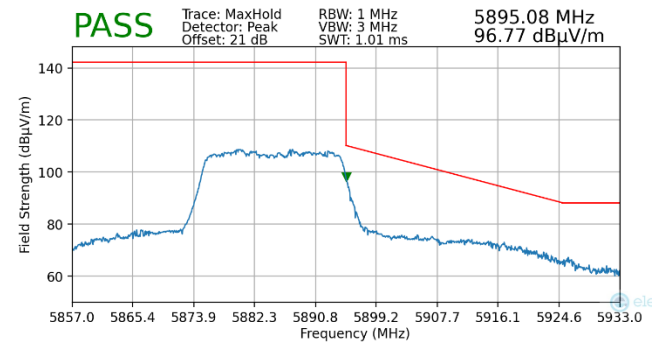


Plot 7-323. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – 242 Tones)

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



Plot 7-324. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4 – 242 Tones)



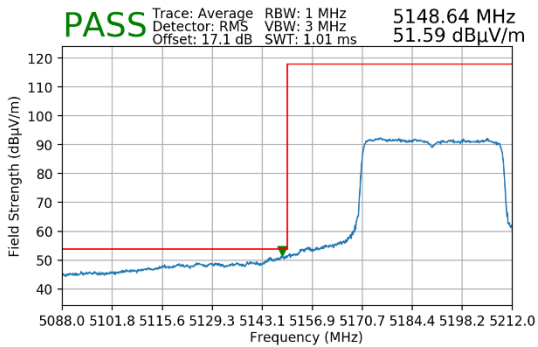
Plot 7-325. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4 – 242 Tones)

FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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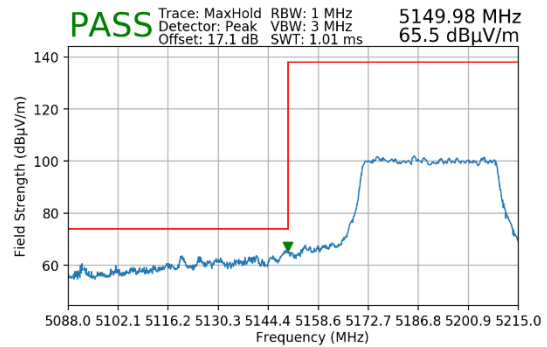
1.6.3 MIMO Radiated Band Edge Measurements (40MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

484 Tones

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

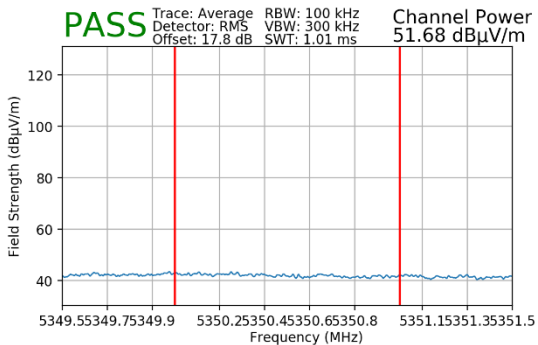


Plot 7-326. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 484 Tones)

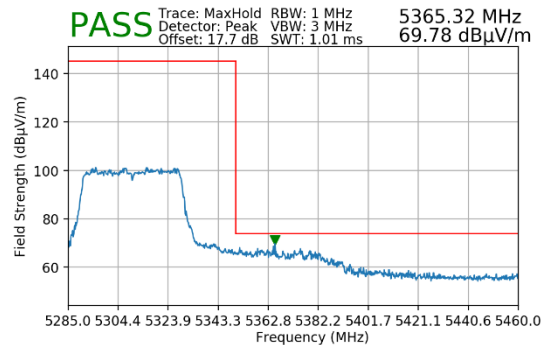


Plot 7-327. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 484 Tones)

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



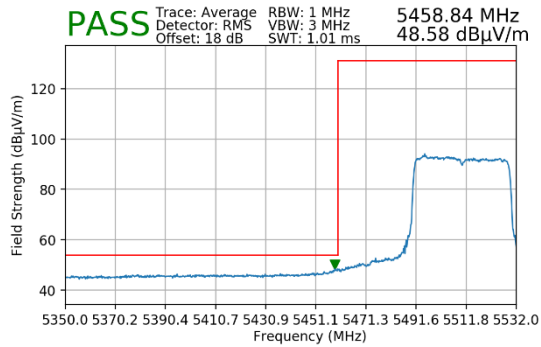
Plot 7-328. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 484 Tones)



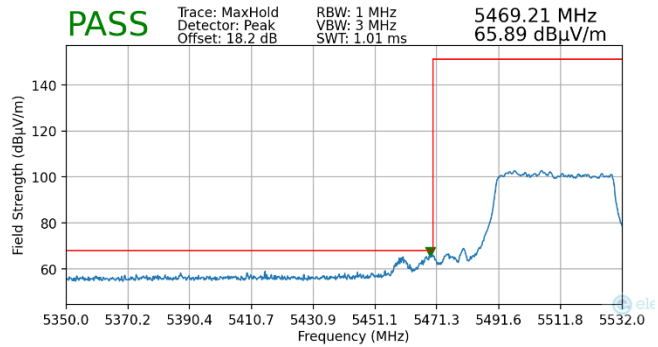
Plot 7-329. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 484 Tones)

FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	65
Distance of Measurements:	3 Meters
Operating Frequency:	5510MHz
Channel:	102

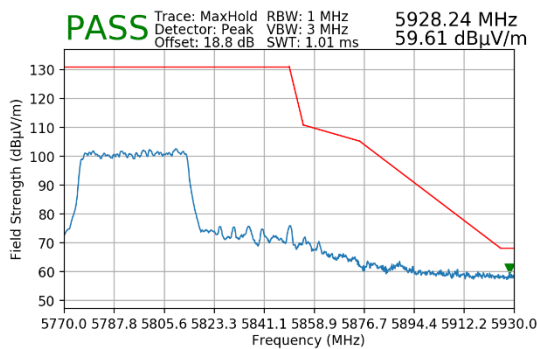


Plot 7-330. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 484 Tones)



Plot 7-331. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 484 Tones)

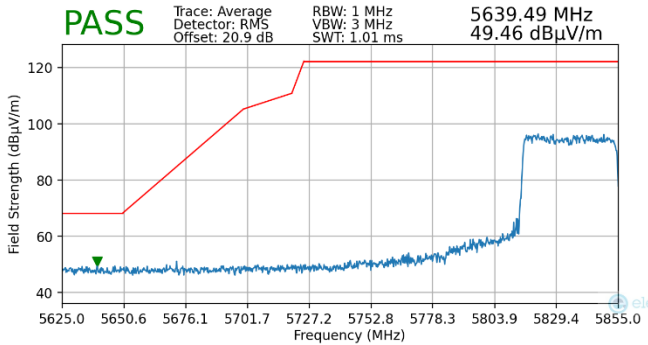
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	65
Distance of Measurements:	3 Meters
Operating Frequency:	5795MHz
Channel:	159



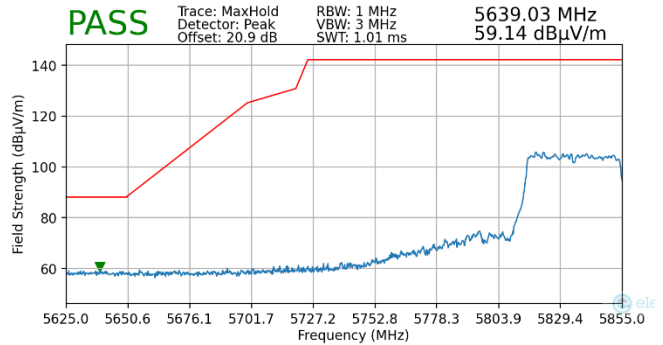
Plot 7-332. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 484 Tones)

FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 65
 Distance of Measurements: 3 Meters
 Operating Frequency: 5835MHz
 Channel: 167

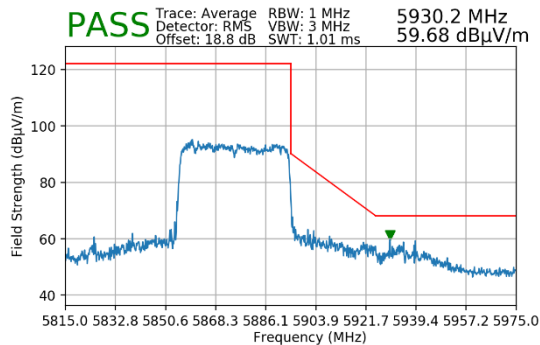


Plot 7-333. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 4 – 484 Tones)

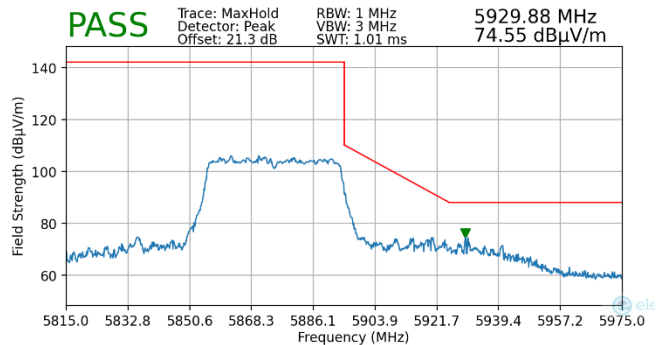


Plot 7-334. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – 484 Tones)

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



Plot 7-335. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4 – 484 Tones)



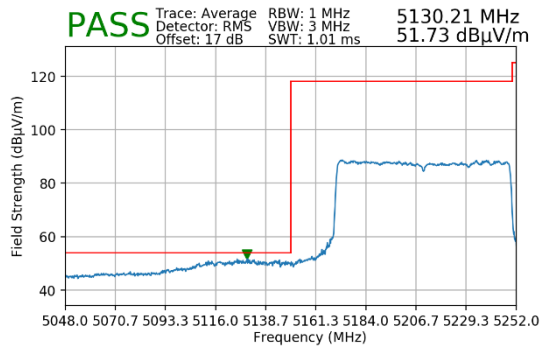
Plot 7-336. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4 – 484 Tones)

FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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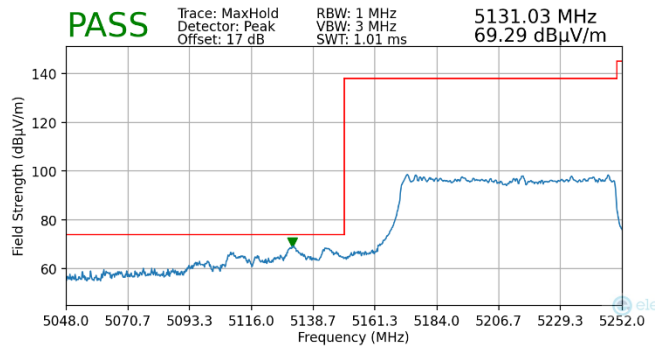
1.6.4 MIMO Radiated Band Edge Measurements (80MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

996 Tones

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

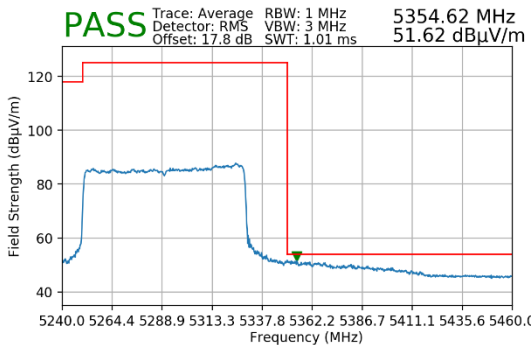


Plot 7-337. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 996 Tones)

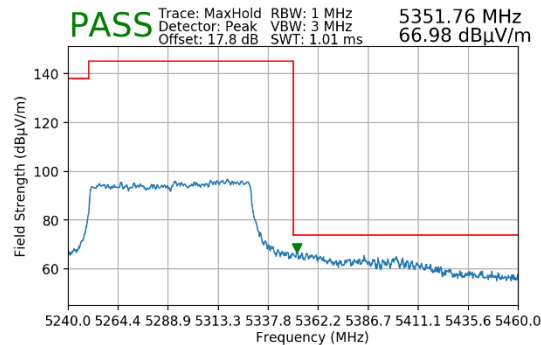


Plot 7-338. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 996 Tones)

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



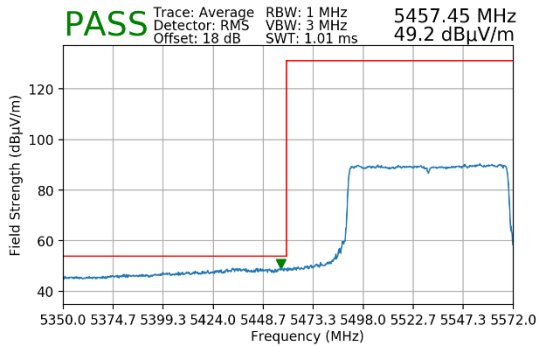
Plot 7-339. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 996 Tones)



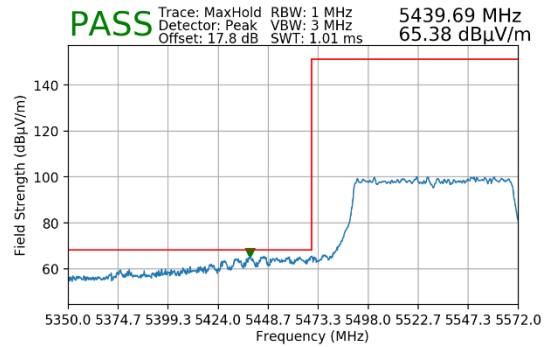
Plot 7-340. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 996 Tones)

FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5530MHz
Channel:	106

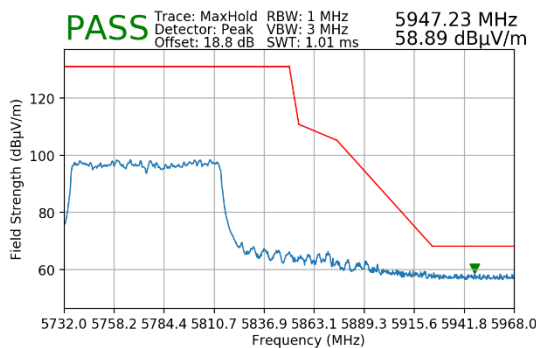


Plot 7-341. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 996 Tones)



Plot 7-342. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 996 Tones)

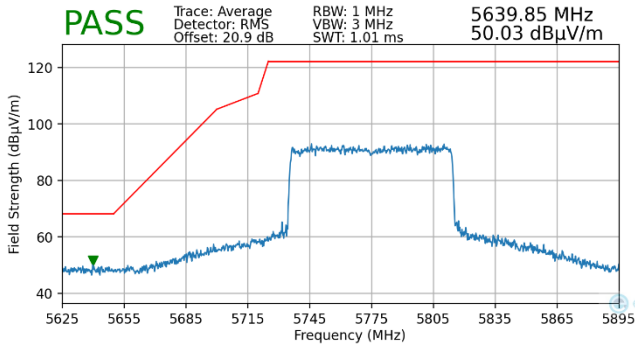
Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5775MHz
Channel:	155



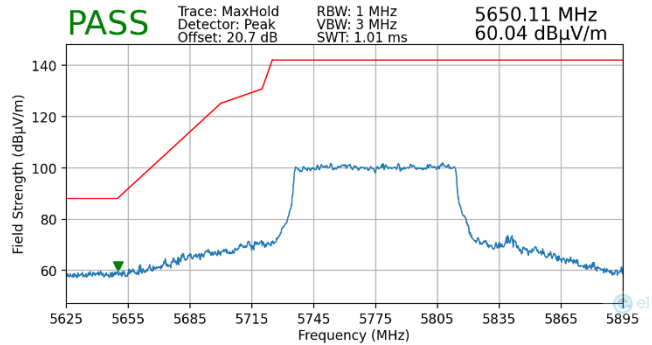
Plot 7-343. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3 – 996 Tones)

FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 67
 Distance of Measurements: 3 Meters
 Operating Frequency: 5855MHz
 Channel: 171

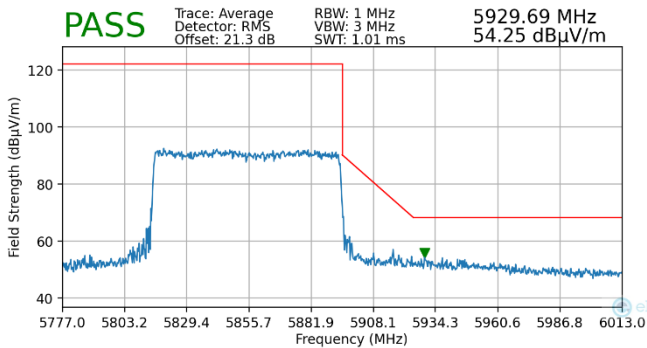


Plot 7-344. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 4 – 996 Tones)

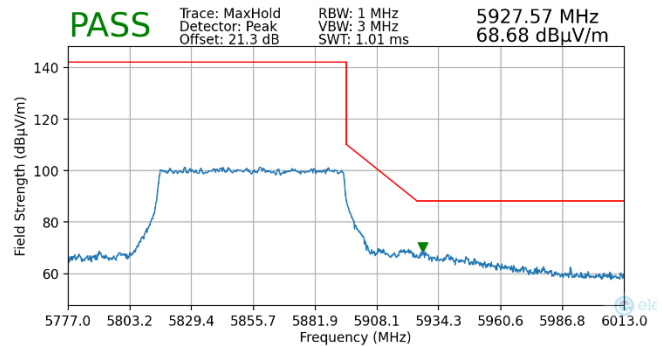


Plot 7-345. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – 996 Tones)

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



Plot 7-346. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4 – 996 Tones)



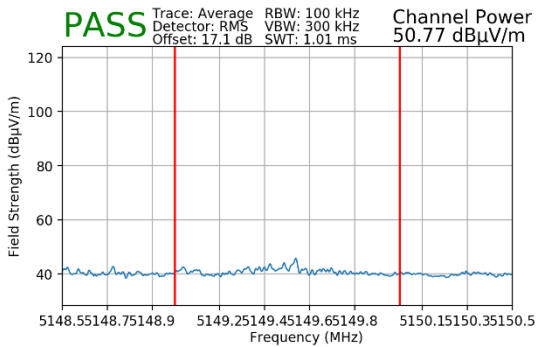
Plot 7-347. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4 – 996 Tones)

FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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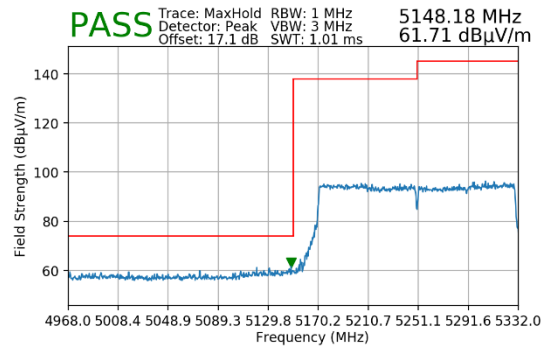
1.6.5 MIMO Radiated Band Edge Measurements (160MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

996*2 Tones

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

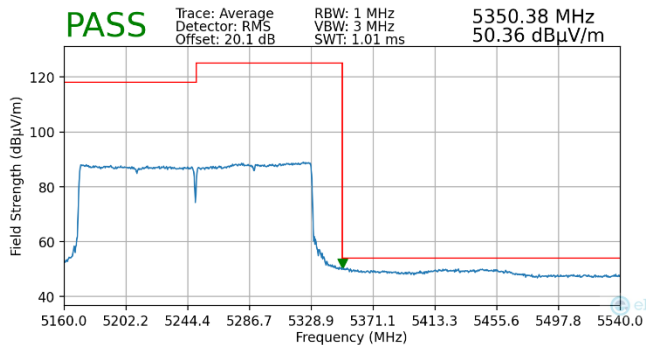


Plot 7-348. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 996*2 Tones)

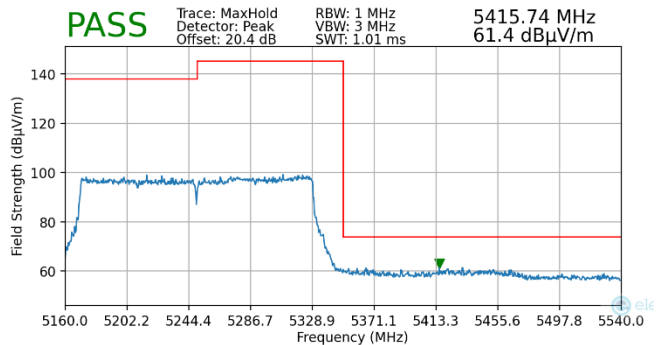


Plot 7-349. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 996*2 Tones)

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



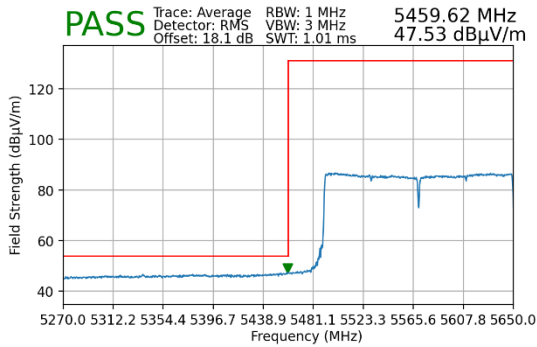
Plot 7-350. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 996*2 Tones)



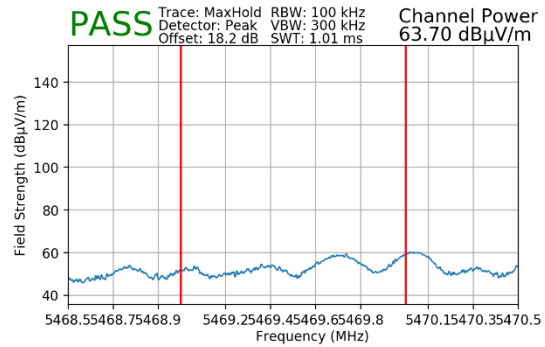
Plot 7-351. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 996*2 Tones)

FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5570MHz
Channel:	114

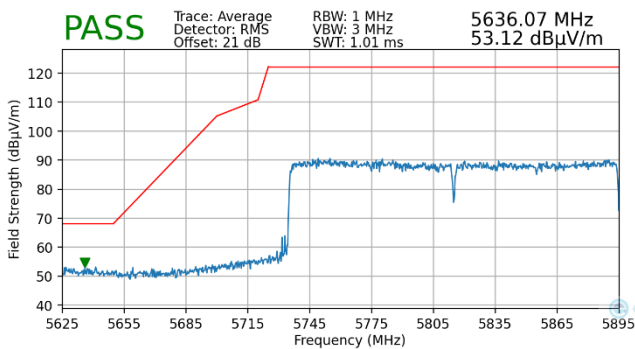


Plot 7-352. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C – 996*2 Tones)

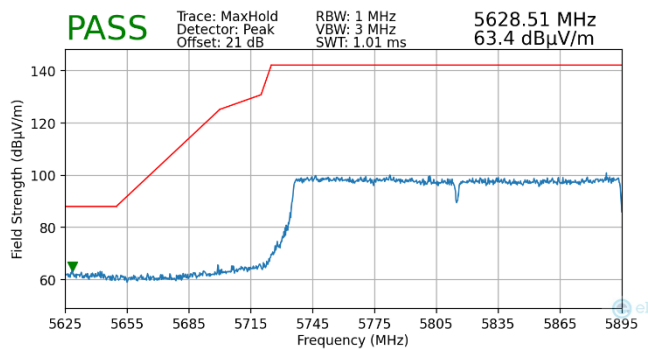


Plot 7-353. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C – 996*2 Tones)

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



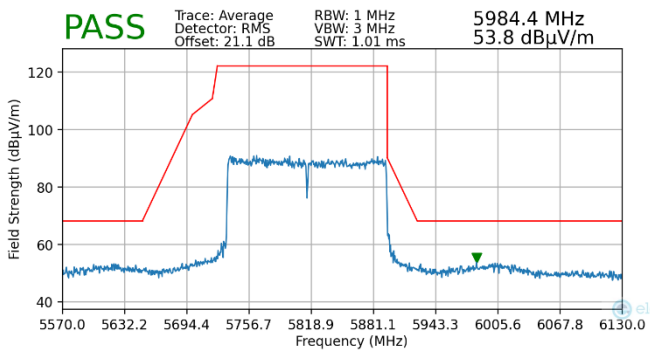
Plot 7-354. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 4 – 996*2 Tones)



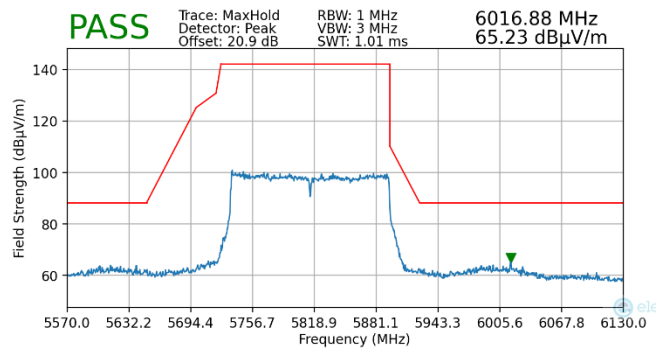
Plot 7-355. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 4 – 996*2 Tones)

FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Worst Case Mode: 802.11ax
 Worst Case Transfer Rate: MCS0
 RU Index: 67
 Distance of Measurements: 3 Meters
 Operating Frequency: 5815MHz
 Channel: 163



Plot 7-356. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 4 – 996*2 Tones)



Plot 7-357. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 4 – 996*2 Tones)

FCC ID: A3LSMS918JPN	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Samsung Portable Handset FCC ID: A3LSMS918JPN** is in compliance with Part 15 Subpart E (15.407) of the FCC Rules.

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