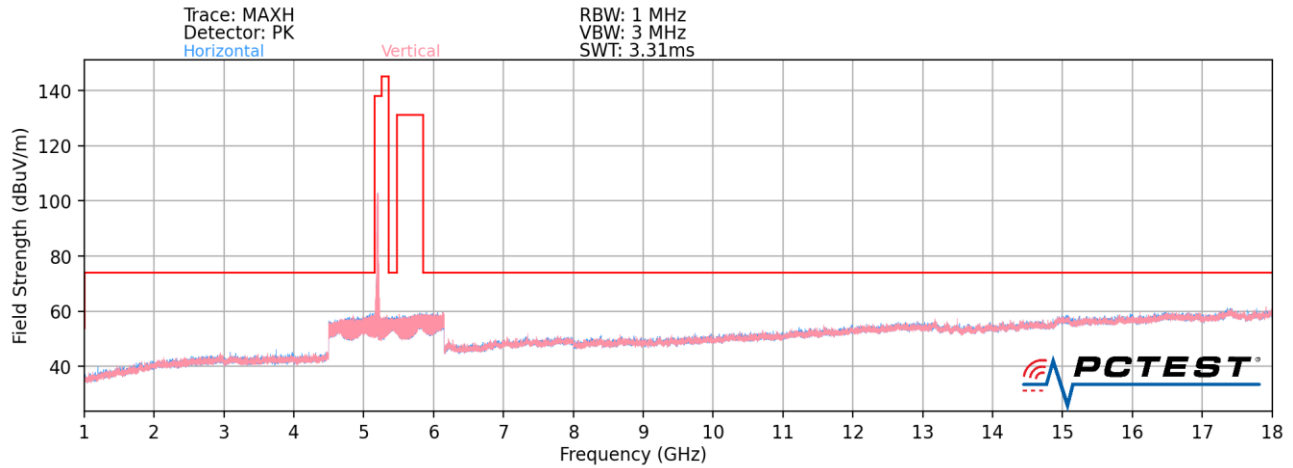
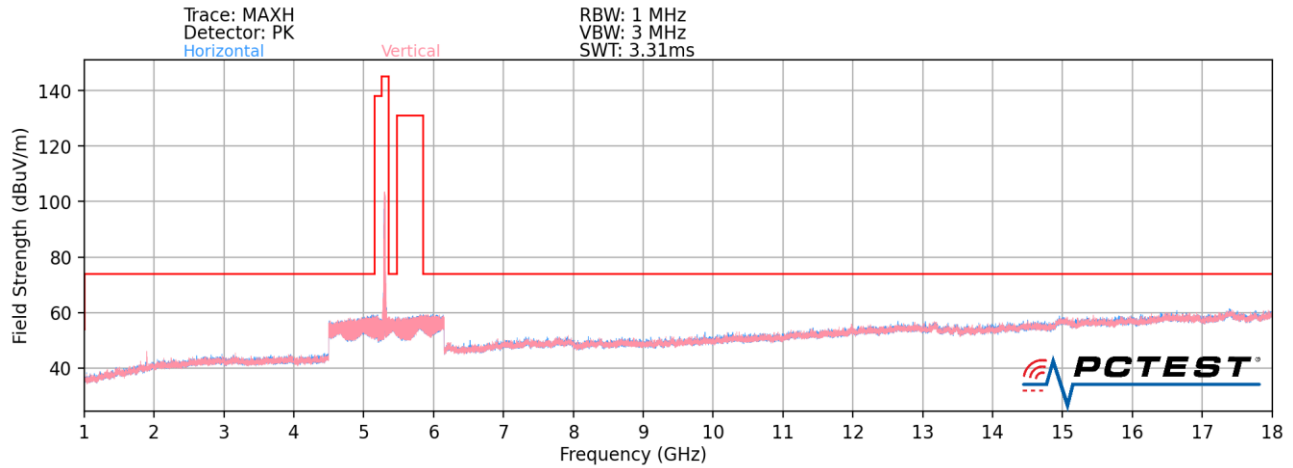


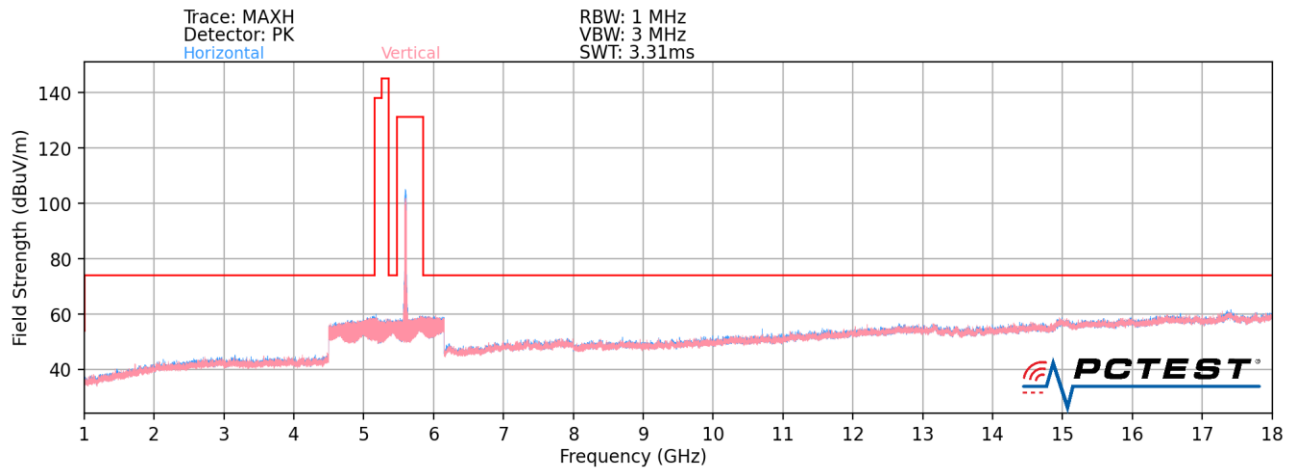
7.6.1 SISO Antenna-1 Radiated Spurious Emission Measurements



Plot 7-331. Radiated Spurious Plot above 1GHz SISO Ant1 (802.11a – U1 Ch. 40) – Open

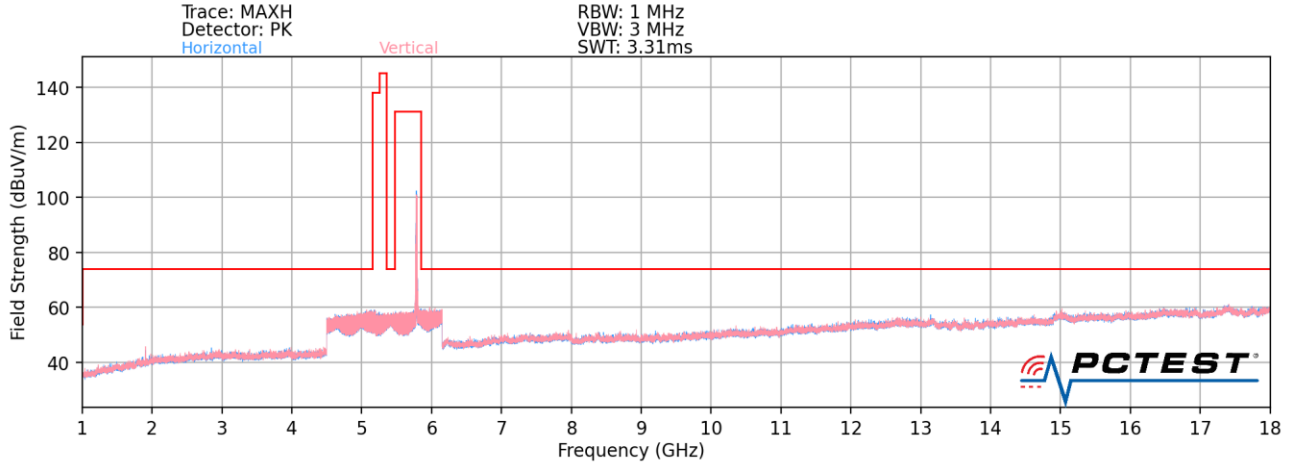


Plot 7-332. Radiated Spurious Plot above 1GHz SISO Ant1 (802.11a – U2A Ch. 56) – Open

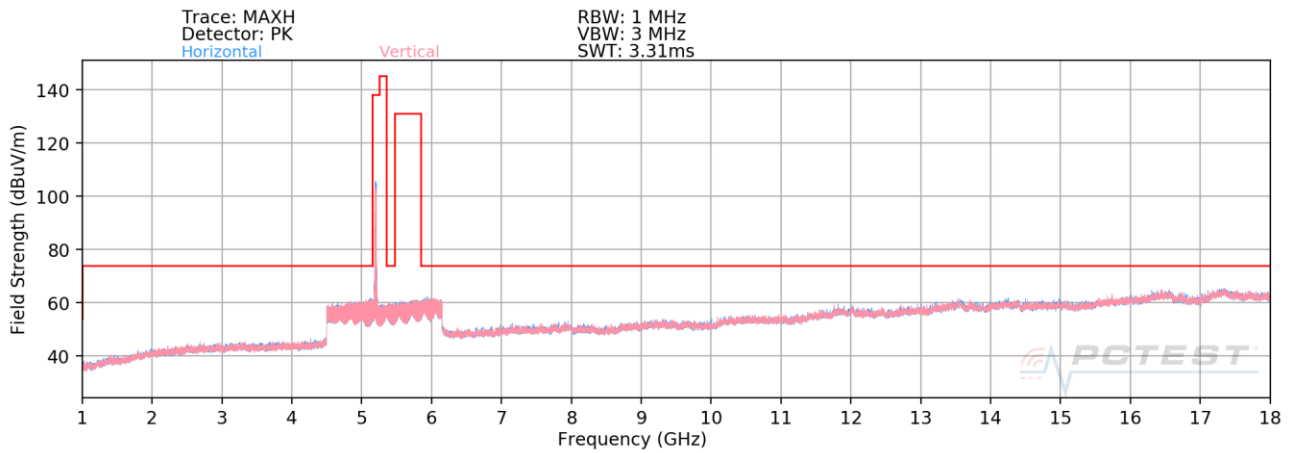


Plot 7-333. Radiated Spurious Plot above 1GHz SISO Ant1 (802.11a – U2C Ch. 120) – Open

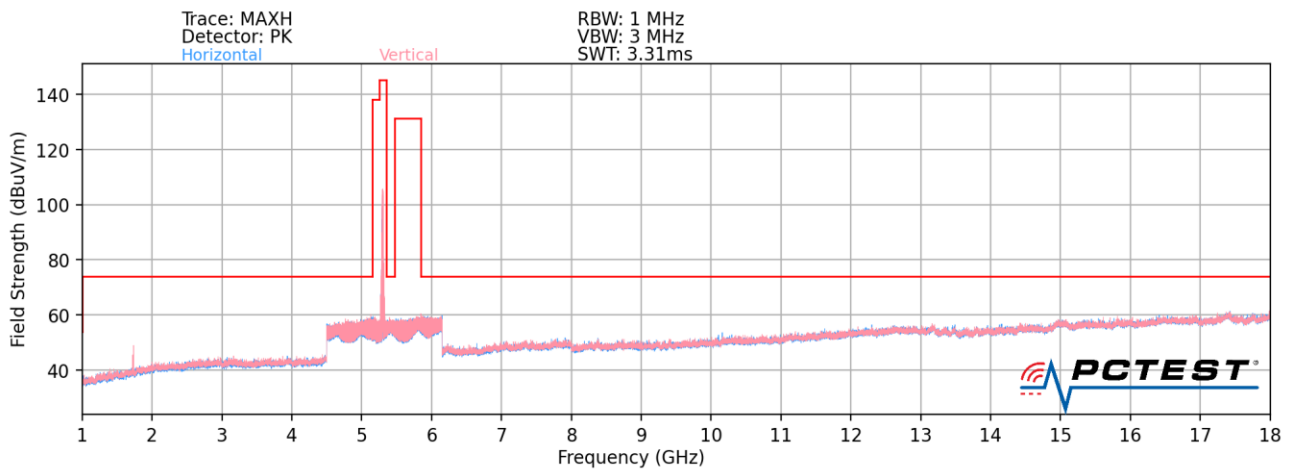
FCC ID: A3LSMF711JPN	 Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 204 of 269



Plot 7-334. Radiated Spurious Plot above 1GHz SISO Ant1 (802.11a – U3 Ch. 157) – Open

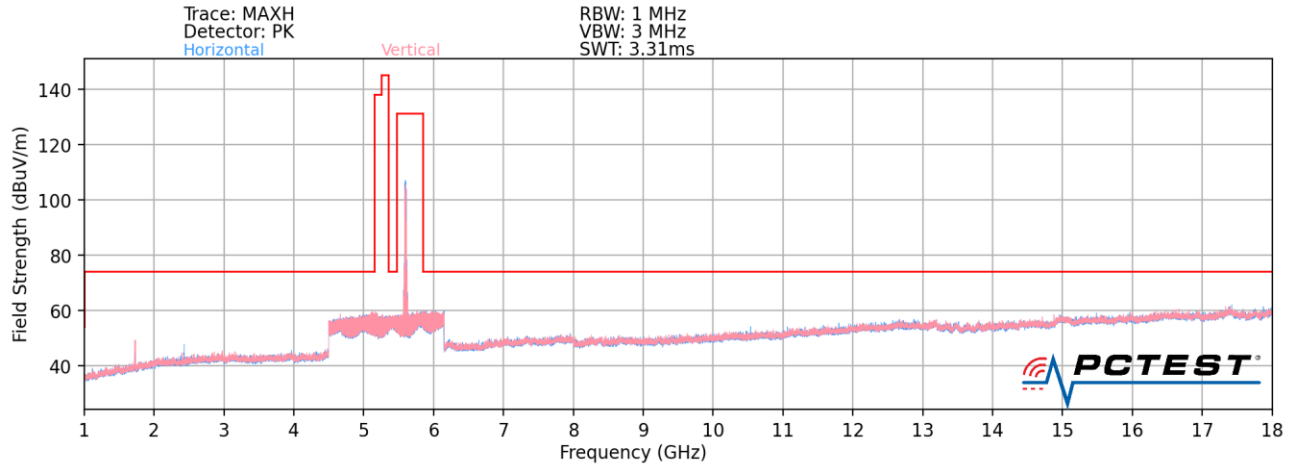


Plot 7-335. Radiated Spurious Plot above 1GHz SISO Ant1 (802.11a – U1 Ch. 40) – Closed

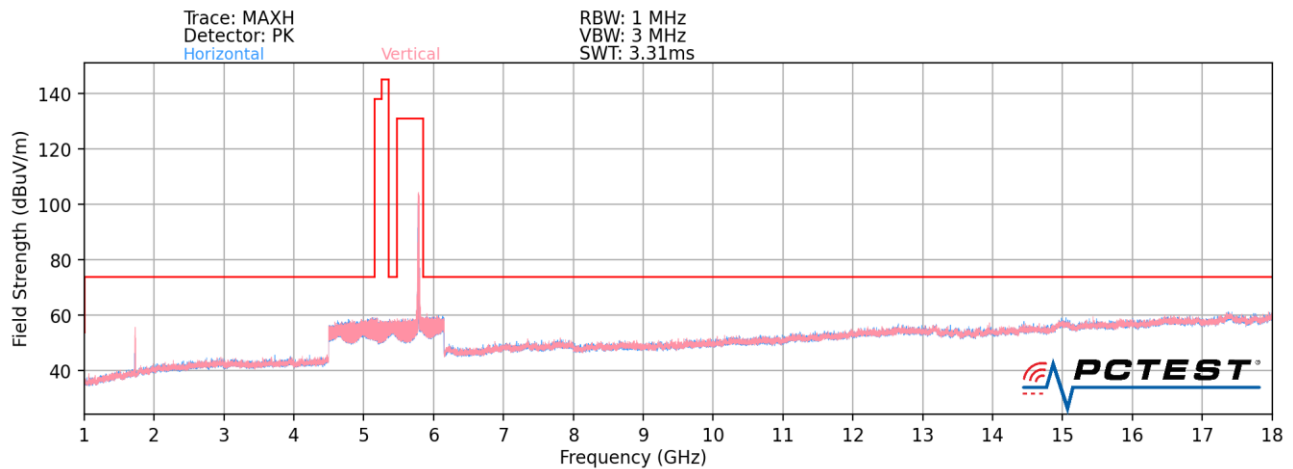


Plot 7-336. Radiated Spurious Plot above 1GHz SISO Ant1 (802.11a – U2A Ch. 56) – Closed

FCC ID: A3LSMF711JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 205 of 269



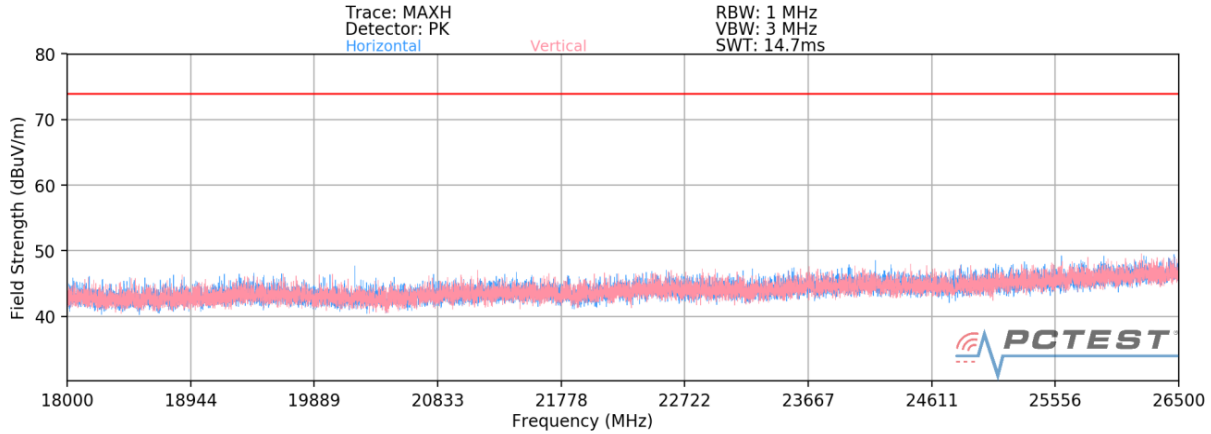
Plot 7-337. Radiated Spurious Plot above 1GHz SISO Ant1 (802.11a – U2C Ch. 120) – Closed



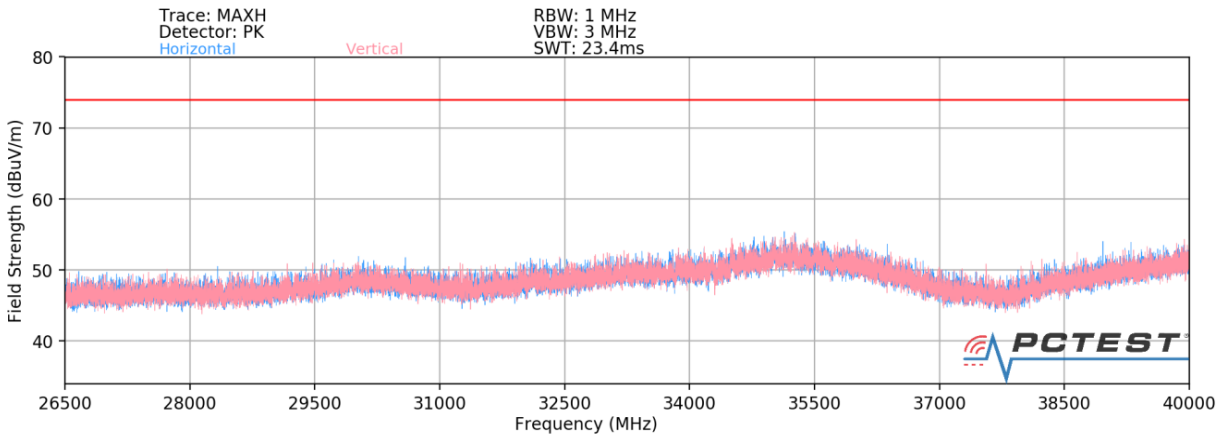
Plot 7-338. Radiated Spurious Plot above 1GHz SISO Ant1 (802.11a – U3 Ch. 157) – Closed

FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 206 of 269

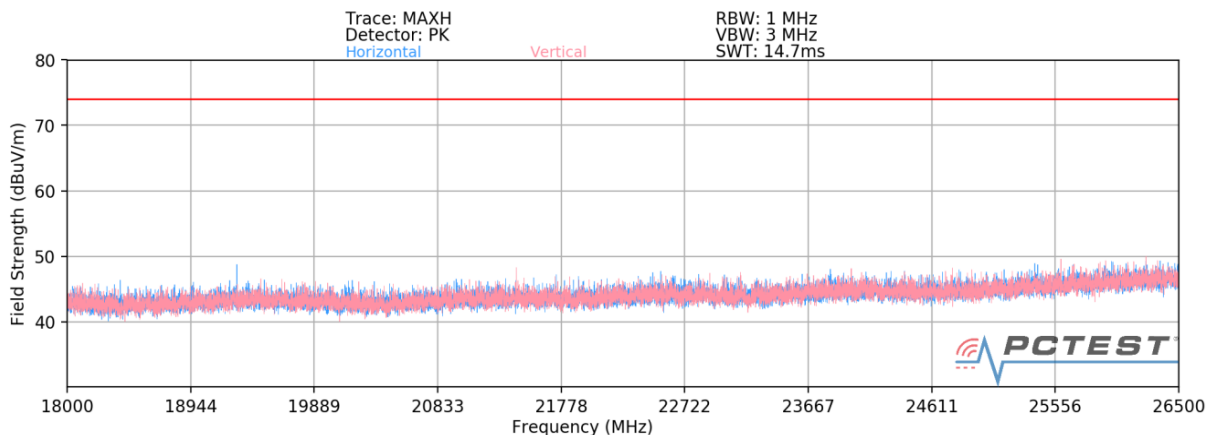
SISO Antenna-1 Radiated Spurious Emissions Measurements (Above 18GHz)



Plot 7-339. Radiated Spurious Plot above 18GHz - 26.5GHz SISO Ant1 (802.11a) – Open

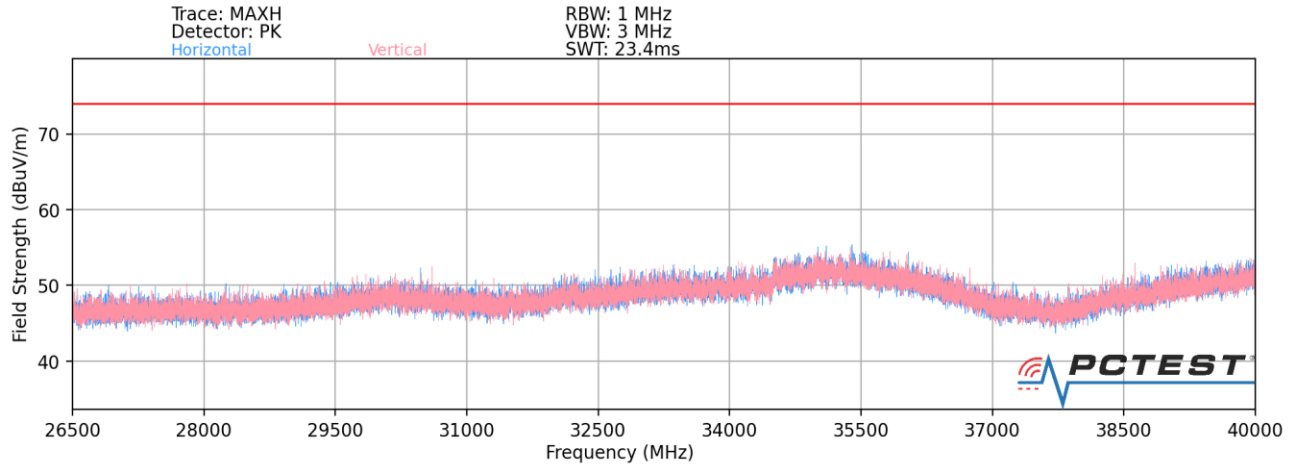


Plot 7-340. Radiated Spurious Plot 26.5GHz - 40GHz SISO Ant1 (802.11a) – Open



Plot 7-341. Radiated Spurious Plot above 18GHz - 26.5GHz SISO Ant1 (802.11a) - Closed

FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 207 of 269



Plot 7-342. Radiated Spurious Plot 26.5GHz - 40GHz SISO Ant1 (802.11a) – Closed

FCC ID: A3LSMF711JPN	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	 Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset	Page 208 of 269

SISO Antenna-1 Radiated Spurious Emission Measurements

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

Worst Case Mode: 802.11a
 Worst Case Transfer Rate: 6Mbps
 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	H	-	-	-70.16	15.49	0.00	52.33	68.20	-15.87
* 15540.00	Average	H	-	-	-82.22	22.68	0.00	47.46	53.98	-6.52
* 15540.00	Peak	H	-	-	-71.65	22.68	0.00	58.03	73.98	-15.95
* 20720.00	Average	H	-	-	-66.07	4.48	-9.54	35.87	53.98	-18.11
* 20720.00	Peak	H	-	-	-55.96	4.48	-9.54	45.98	73.98	-28.00
25900.00	Peak	H	-	-	-55.89	6.92	-9.54	48.48	68.20	-19.72

Table 7-23. Radiated Measurements SISO ANT1 – Open

Worst Case Mode: 802.11a
 Worst Case Transfer Rate: 6Mbps
 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	H	-	-	-69.97	15.52	0.00	52.55	68.20	-15.65
* 15600.00	Average	H	-	-	-82.23	22.77	0.00	47.54	53.98	-6.44
* 15600.00	Peak	H	-	-	-71.11	22.77	0.00	58.66	73.98	-15.32
* 20800.00	Average	H	-	-	-63.73	4.88	-9.54	38.61	53.98	-15.37
* 20800.00	Peak	H	-	-	-56.09	4.88	-9.54	46.25	73.98	-27.73
26000.00	Peak	H	-	-	-56.59	7.10	-9.54	47.97	68.20	-20.23

Table 7-24. Radiated Measurements SISO ANT1 – Open

FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 209 of 269

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
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	H	-	-	-70.39	15.45	0.00	52.06	68.20	-16.14
* 15720.00	Average	H	-	-	-82.76	22.76	0.00	47.00	53.98	-6.98
* 15720.00	Peak	H	-	-	-71.39	22.76	0.00	58.37	73.98	-15.61
* 20960.00	Average	H	-	-	-67.53	5.01	-9.54	34.94	53.98	-19.04
* 20960.00	Peak	H	-	-	-57.33	5.01	-9.54	45.13	73.98	-28.85
26200.00	Peak	H	-	-	-56.08	6.99	-9.54	48.37	68.20	-19.83

Table 7-25. Radiated Measurements SISO ANT1 – Open

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
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	H	-	-	-70.40	15.75	0.00	52.35	68.20	-15.85
* 15780.00	Average	H	-	-	-82.48	22.89	0.00	47.41	53.98	-6.57
* 15780.00	Peak	H	-	-	-71.42	22.89	0.00	58.47	73.98	-15.51
* 21040.00	Average	H	-	-	-66.72	4.89	-9.54	35.62	53.98	-18.36
* 21040.00	Peak	H	-	-	-56.68	4.89	-9.54	45.66	73.98	-28.32
26300.00	Peak	H	-	-	-56.16	7.06	-9.54	48.36	68.20	-19.84

Table 7-26. Radiated Measurements SISO ANT1 – Open

FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset	Page 210 of 269	

Worst Case Mode: 802.11a
 Worst Case Transfer Rate: 6Mbps
 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	H	-	-	-71.26	16.14	0.00	51.88	68.20	-16.32
* 15840.00	Average	H	-	-	-82.53	23.17	0.00	47.64	53.98	-6.34
* 15840.00	Peak	H	-	-	-71.36	23.17	0.00	58.81	73.98	-15.17
* 21120.00	Average	H	-	-	-67.19	5.08	-9.54	35.35	53.98	-18.63
* 21120.00	Peak	H	-	-	-56.51	5.08	-9.54	46.04	73.98	-27.94
26400.00	Peak	H	-	-	-55.71	7.43	-9.54	49.18	68.20	-19.02

Table 7-27. Radiated Measurements SISO ANT1 – Open

Worst Case Mode: 802.11a
 Worst Case Transfer Rate: 6Mbps
 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	H	-	-	-81.76	16.06	0.00	41.30	53.98	-12.68
* 10640.00	Peak	H	-	-	-70.48	16.06	0.00	52.58	73.98	-21.40
* 15960.00	Average	H	-	-	-82.39	23.29	0.00	47.90	53.98	-6.08
* 15960.00	Peak	H	-	-	-70.42	23.29	0.00	59.87	73.98	-14.11
* 21280.00	Average	H	-	-	-67.08	5.14	-9.54	35.52	53.98	-18.46
* 21280.00	Peak	H	-	-	-56.34	5.14	-9.54	46.25	73.98	-27.73
26600.00	Peak	H	-	-	-56.56	7.21	-9.54	48.11	68.20	-20.09

Table 7-28. Radiated Measurements SISO ANT1 – Open

FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset	Page 211 of 269	

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
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	H	-	-	-81.92	16.78	0.00	41.86	53.98	-12.12
* 11000.00	Peak	H	-	-	-70.41	16.78	0.00	53.37	73.98	-20.61
16500.00	Peak	H	-	-	-71.57	24.50	0.00	59.93	68.20	-8.27
22000.00	Peak	H	-	-	-56.56	5.16	-9.54	46.06	68.20	-22.14
27500.00	Peak	H	-	-	-56.27	7.69	-9.54	48.89	68.20	-19.31

Table 7-29. Radiated Measurements SISO ANT1 – Open

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
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	H	-	-	-81.40	16.82	0.00	42.42	53.98	-11.56
* 11200.00	Peak	H	-	-	-70.54	16.82	0.00	53.28	73.98	-20.70
16800.00	Peak	H	-	-	-70.81	24.42	0.00	60.61	68.20	-7.59
* 22400.00	Average	H	-	-	-66.86	5.45	-9.54	36.04	53.98	-17.94
* 22400.00	Peak	H	-	-	-56.76	5.45	-9.54	46.14	73.98	-27.83
28000.00	Peak	H	-	-	-56.17	7.99	-9.54	49.28	68.20	-18.92

Table 7-30. Radiated Measurements SISO ANT1 – Open

FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset	Page 212 of 269	

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
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	H	-	-	-82.09	17.95	0.00	42.86	53.98	-11.12
* 11440.00	Peak	H	-	-	-70.81	17.95	0.00	54.14	73.98	-19.84
17160.00	Peak	H	-	-	-71.94	24.77	0.00	59.83	68.20	-8.37
* 22880.00	Average	H	-	-	-66.67	5.43	-9.54	36.22	53.98	-17.76
* 22880.00	Peak	H	-	-	-56.47	5.43	-9.54	46.42	73.98	-27.56
28600.00	Peak	H	-	-	-56.60	8.29	-9.54	49.15	68.20	-19.05

Table 7-31. Radiated Measurements SISO ANT1 – Open

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
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	H	-	-	-81.73	17.82	0.00	43.09	53.98	-10.89
* 11490.00	Peak	H	-	-	-70.84	17.82	0.00	53.98	73.98	-20.00
17235.00	Peak	H	-	-	-71.17	25.21	0.00	61.04	68.20	-7.16
* 22980.00	Average	H	-	-	-66.80	5.29	-9.54	35.95	53.98	-18.03
* 22980.00	Peak	H	-	-	-56.05	5.29	-9.54	46.71	73.98	-27.27
28725.00	Peak	H	-	-	-55.60	8.24	-9.54	50.09	68.20	-18.11

Table 7-32. Radiated Measurements SISO ANT1 – Open

FCC ID: A3LSMF711JPN	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 213 of 269

Worst Case Mode: 802.11a
 Worst Case Transfer Rate: 6Mbps
 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	H	-	-	-81.89	17.80	0.00	42.91	53.98	-11.07
* 11570.00	Peak	H	-	-	-70.80	17.80	0.00	54.00	73.98	-19.98
17355.00	Peak	H	-	-	-72.32	26.23	0.00	60.91	68.20	-7.29
23140.00	Peak	H	-	-	-56.41	5.34	-9.54	46.39	68.20	-21.81
28925.00	Peak	H	-	-	-56.19	8.48	-9.54	49.75	68.20	-18.45

Table 7-33. Radiated Measurements SISO ANT1 – Open

Worst Case Mode: 802.11a
 Worst Case Transfer Rate: 6Mbps
 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	H	-	-	-81.83	18.05	0.00	43.22	53.98	-10.76
* 11650.00	Peak	H	-	-	-70.37	18.05	0.00	54.68	73.98	-19.30
17475.00	Peak	H	-	-	-72.40	25.87	0.00	60.47	68.20	-7.73
23300.00	Peak	H	-	-	-56.02	5.29	-9.54	46.72	68.20	-21.48
29125.00	Peak	H	-	-	-56.98	8.49	-9.54	48.97	68.20	-19.23

Table 7-34. Radiated Measurements SISO ANT1 – Open

FCC ID: A3LSMF711JPN	 Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset	Page 214 of 269	

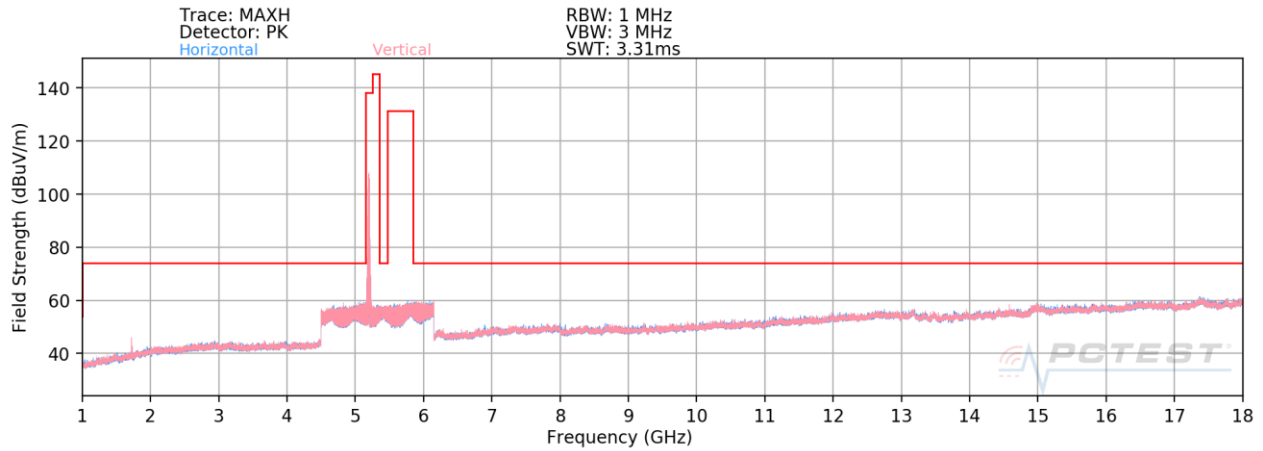
Worst Case Mode: 802.11a
 Worst Case Transfer Rate: 6Mbps
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 5785MHz
 Channel: 157

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	H	-	-	-83.32	23.08	0.00	46.76	53.98	-7.22
11570.00	Peak	H	-	-	-72.52	23.08	0.00	57.56	73.98	-16.42
17355.00	Peak	H	-	-	-73.39	31.84	0.00	65.45	68.20	-2.75
23140.00	Peak	H	-	-	-58.58	5.34	-9.54	44.22	68.20	-23.98
28925.00	Peak	H	-	-	-59.13	8.47	-9.54	46.80	68.20	-21.40

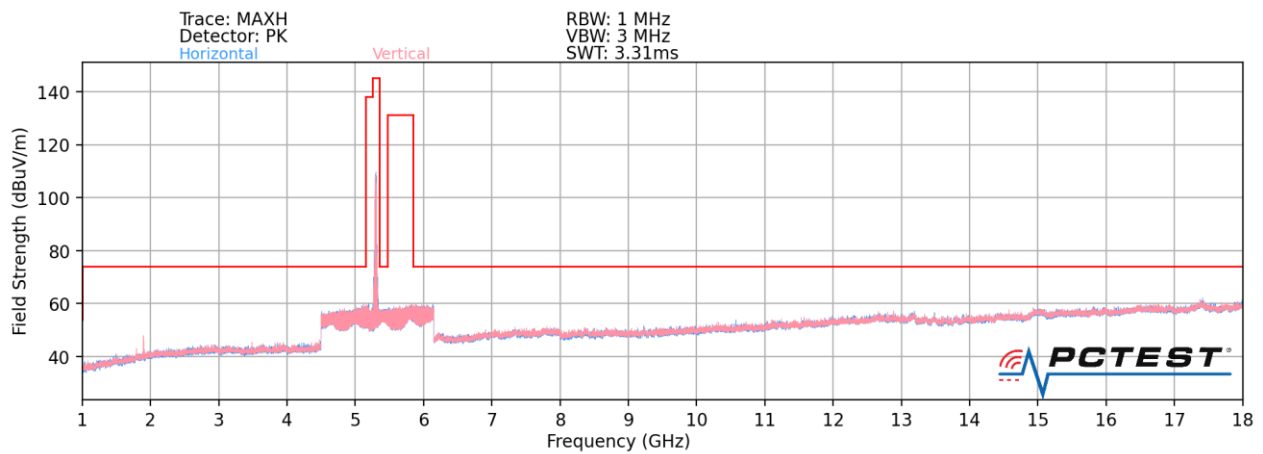
Table 7-35. Radiated Measurements SISO ANT1 with WCP – Open

FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset	Page 215 of 269	

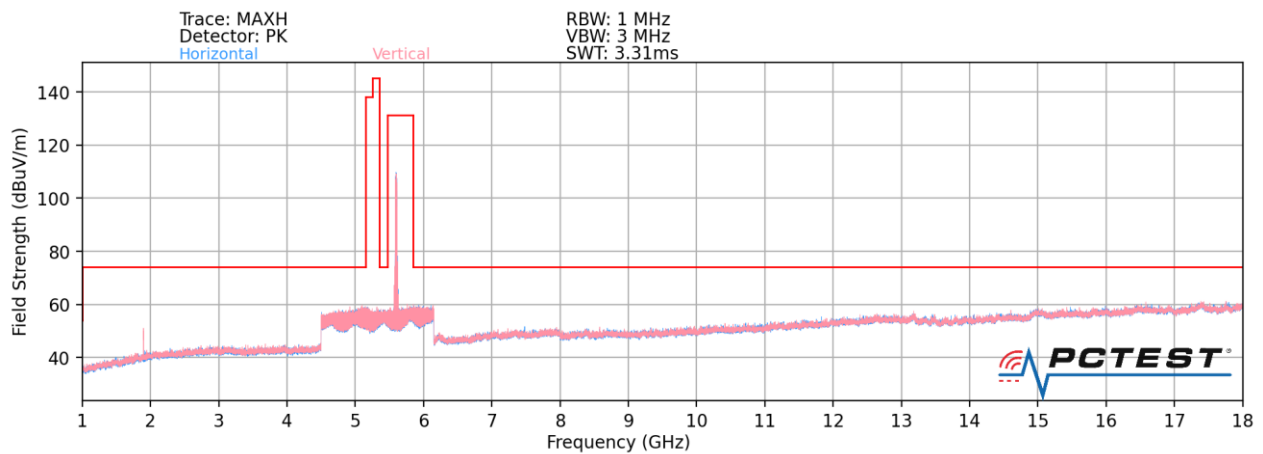
7.6.2 CDD Radiated Spurious Emission Measurements



Plot 7-343. Radiated Spurious Plot above 1GHz CDD (802.11a – U1 Ch. 40) – Open

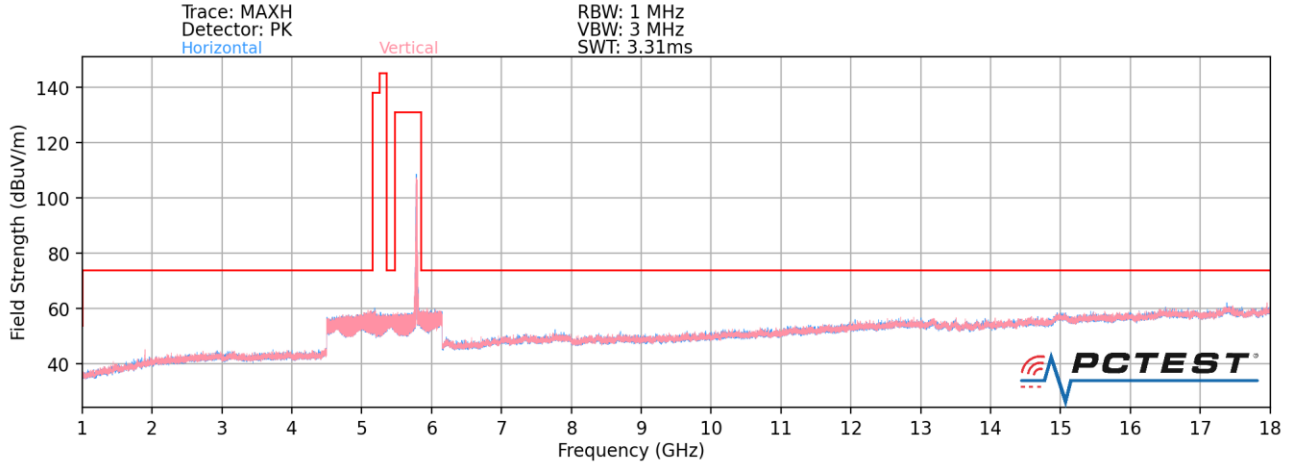


Plot 7-344. Radiated Spurious Plot above 1GHz CDD (802.11a – U2A Ch. 56) – Open

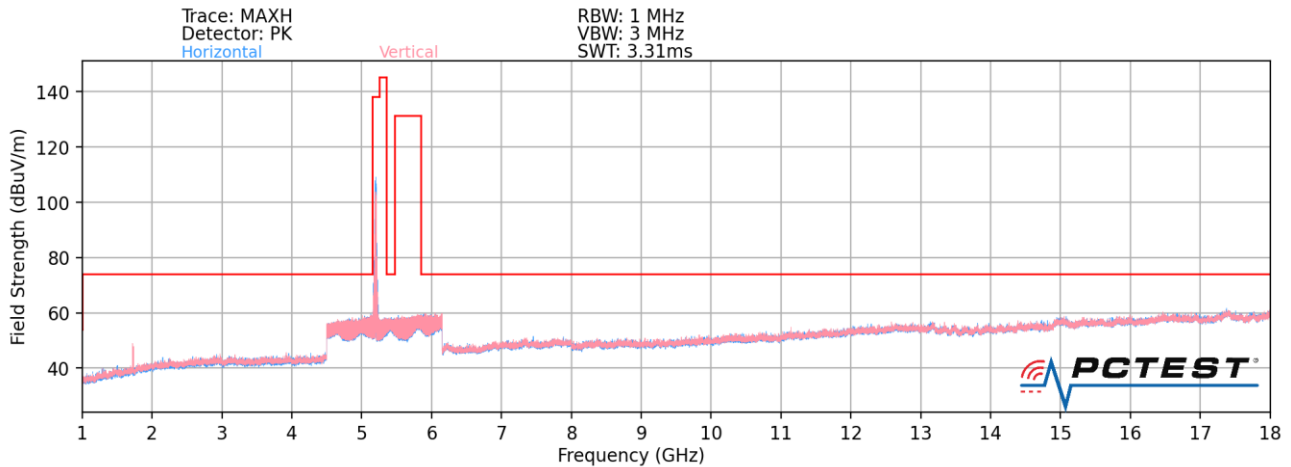


Plot 7-345. Radiated Spurious Plot above 1GHz CDD (802.11a – U2C Ch. 120) – Open

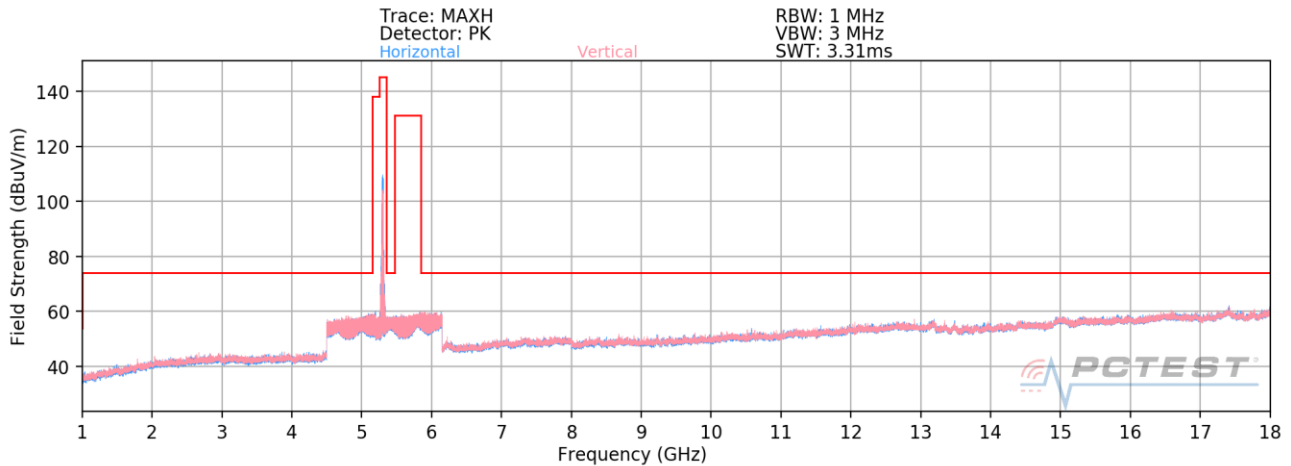
FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 216 of 269



Plot 7-346. Radiated Spurious Plot above 1GHz CDD (802.11a – U3 Ch. 157) – Open

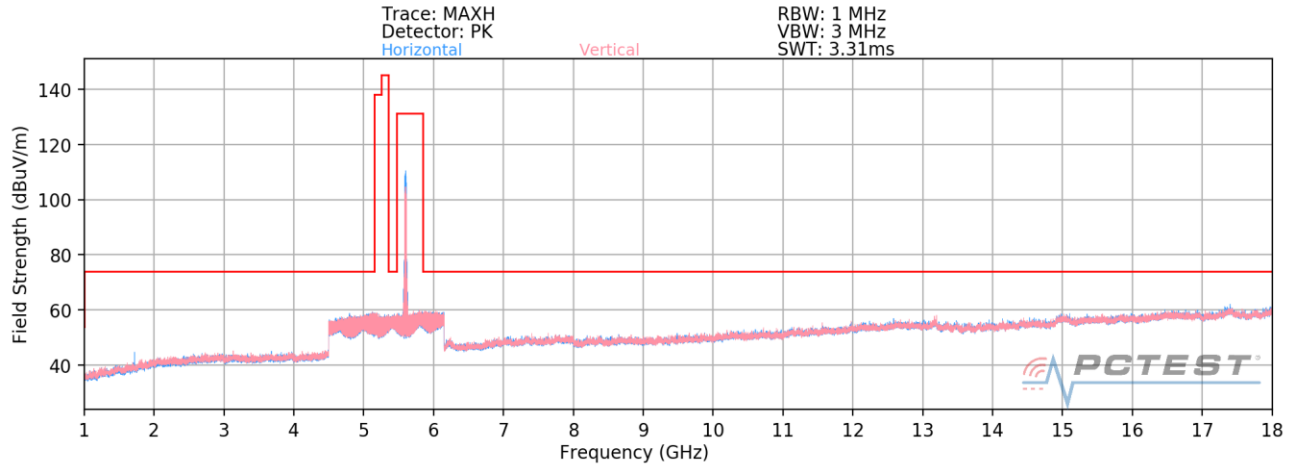


Plot 7-347. Radiated Spurious Plot above 1GHz CDD (802.11a – U1 Ch. 40) – Closed

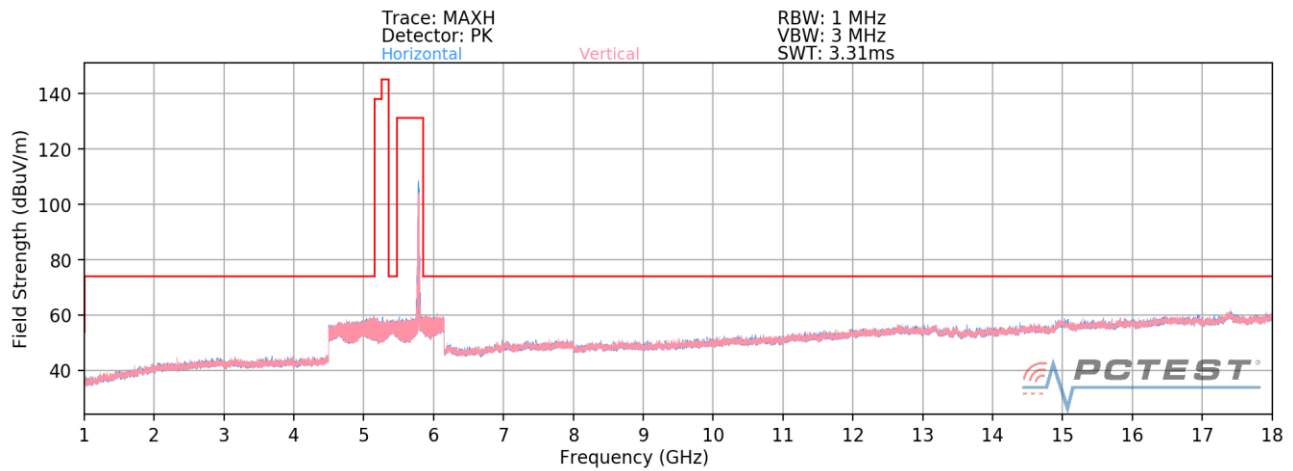


Plot 7-348. Radiated Spurious Plot above 1GHz CDD (802.11a – U2A Ch. 56) – Closed

FCC ID: A3LSMF711JPN	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 217 of 269



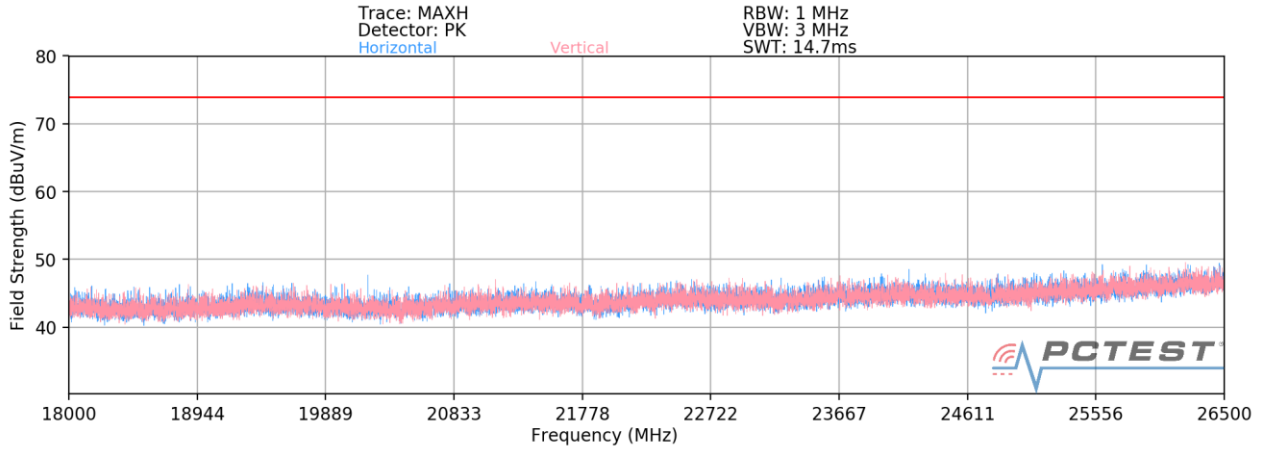
Plot 7-349. Radiated Spurious Plot above 1GHz CDD (802.11a – U2C Ch. 120) – Closed



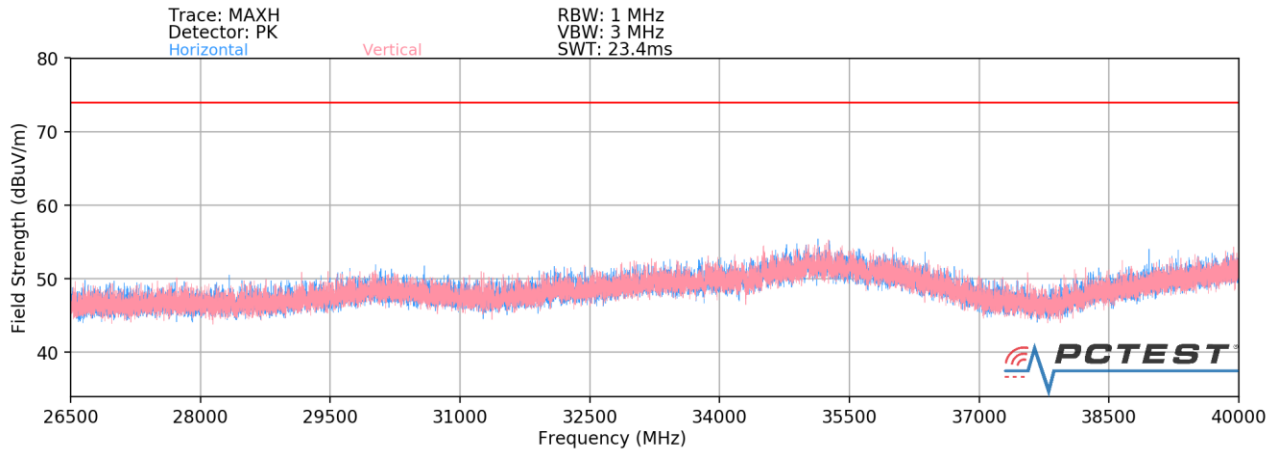
Plot 7-350. Radiated Spurious Plot above 1GHz CDD (802.11a – U3 Ch. 157) – Closed

FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 218 of 269

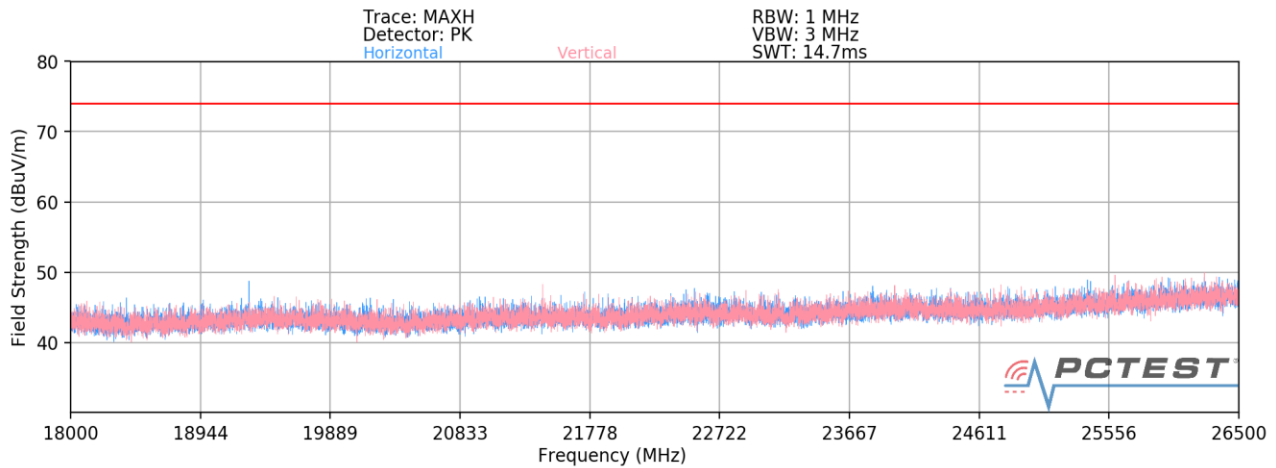
CDD Radiated Spurious Emissions Measurements (Above 18GHz)



Plot 7-351. Radiated Spurious Plot above 18GHz - 26.5GHz CDD (802.11a) – Open

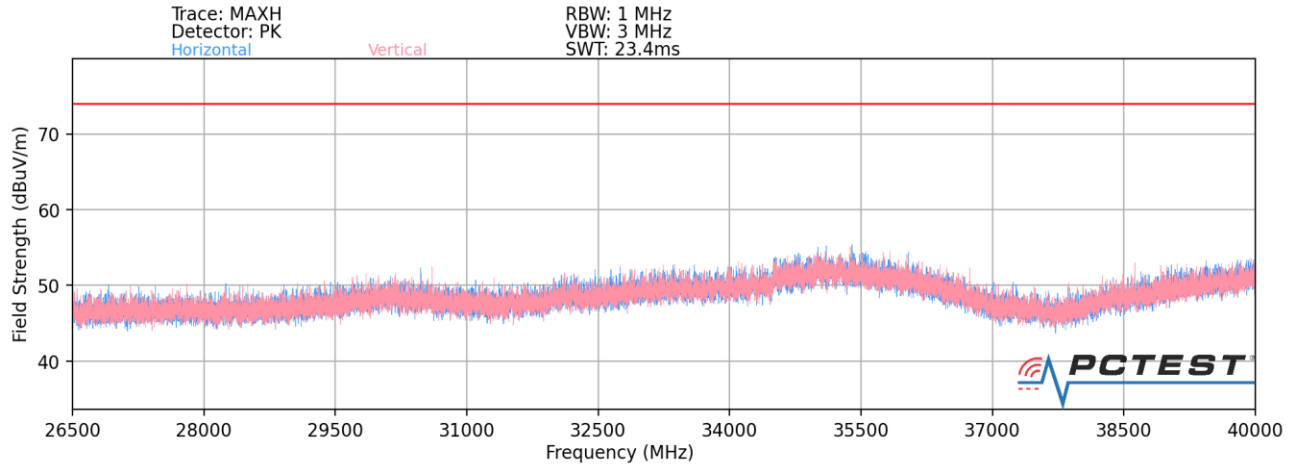


Plot 7-352. Radiated Spurious Plot 26.5GHz - 40GHz CDD (802.11a) – Open



Plot 7-353. Radiated Spurious Plot above 18GHz - 26.5GHz CDD (802.11a) – Closed

FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 219 of 269



Plot 7-354. Radiated Spurious Plot 26.5GHz - 40GHz CDD (802.11a) – Closed

FCC ID: A3LSMF711JPN	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset	Page 220 of 269	

CDD Radiated Spurious Emission Measurements

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

Worst Case Mode: 802.11a
 Worst Case Transfer Rate: 6Mbps
 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	H	-	-	-68.87	15.49	0.00	53.62	68.20	-14.58
* 15540.00	Average	H	-	-	-82.50	22.68	0.00	47.18	53.98	-6.80
* 15540.00	Peak	H	-	-	-71.01	22.68	0.00	58.67	73.98	-15.31
* 20720.00	Average	H	-	-	-67.13	4.48	-9.54	34.80	53.98	-19.18
* 20720.00	Peak	H	-	-	-57.30	4.48	-9.54	44.64	73.98	-29.34
25900.00	Peak	H	-	-	-56.63	6.92	-9.54	47.74	68.20	-20.46

Table 7-36. Radiated Measurements CDD – Open

Worst Case Mode: 802.11a
 Worst Case Transfer Rate: 6Mbps
 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	H	-	-	-69.52	15.52	0.00	53.00	68.20	-15.20
* 15600.00	Average	H	-	-	-82.28	22.77	0.00	47.49	53.98	-6.49
* 15600.00	Peak	H	-	-	-71.12	22.77	0.00	58.65	73.98	-15.33
* 20800.00	Average	H	-	-	-66.90	4.88	-9.54	35.44	53.98	-18.54
* 20800.00	Peak	H	-	-	-56.77	4.88	-9.54	45.57	73.98	-28.40
26000.00	Peak	H	-	-	-56.47	7.10	-9.54	48.10	68.20	-20.10

Table 7-37. Radiated Measurements CDD – Open

FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset	Page 221 of 269	

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
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	H	-	-	-68.33	15.45	0.00	54.12	68.20	-14.08
* 15720.00	Average	H	-	-	-82.45	22.76	0.00	47.31	53.98	-6.67
* 15720.00	Peak	H	-	-	-71.11	22.76	0.00	58.65	73.98	-15.33
* 20960.00	Average	H	-	-	-67.82	5.01	-9.54	34.65	53.98	-19.33
* 20960.00	Peak	H	-	-	-57.39	5.01	-9.54	45.07	73.98	-28.90
26200.00	Peak	H	-	-	-56.13	6.99	-9.54	48.31	68.20	-19.89

Table 7-38. Radiated Measurements CDD – Open

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
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	H	-	-	-69.04	15.75	0.00	53.71	68.20	-14.49
* 15780.00	Average	H	-	-	-81.98	22.89	0.00	47.91	53.98	-6.07
* 15780.00	Peak	H	-	-	-71.27	22.89	0.00	58.62	73.98	-15.36
* 21040.00	Average	H	-	-	-67.10	4.89	-9.54	35.25	53.98	-18.73
* 21040.00	Peak	H	-	-	-57.23	4.89	-9.54	45.11	73.98	-28.87
26300.00	Peak	H	-	-	-56.15	7.06	-9.54	48.37	68.20	-19.83

Table 7-39. Radiated Measurements CDD – Open

FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset	Page 222 of 269	

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
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	H	-	-	-70.02	16.14	0.00	53.12	68.20	-15.08
* 15840.00	Average	H	-	-	-82.18	23.17	0.00	47.99	53.98	-5.99
* 15840.00	Peak	H	-	-	-70.71	23.17	0.00	59.46	73.98	-14.52
* 21120.00	Average	H	-	-	-67.46	5.08	-9.54	35.09	53.98	-18.89
* 21120.00	Peak	H	-	-	-57.29	5.08	-9.54	45.25	73.98	-28.73
26400.00	Peak	H	-	-	-56.27	7.43	-9.54	48.62	68.20	-19.58

Table 7-40. Radiated Measurements CDD – Open

Worst Case Mode: 802.11a
Worst Case Transfer Rate: 6Mbps
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	H	-	-	-81.15	16.06	0.00	41.91	53.98	-12.07
* 10640.00	Peak	H	-	-	-70.26	16.06	0.00	52.80	73.98	-21.18
* 15960.00	Average	H	-	-	-82.48	23.29	0.00	47.81	53.98	-6.17
* 15960.00	Peak	H	-	-	-71.22	23.29	0.00	59.07	73.98	-14.91
* 21280.00	Average	H	-	-	-67.14	5.14	-9.54	35.46	53.98	-18.52
* 21280.00	Peak	H	-	-	-56.92	5.14	-9.54	45.67	73.98	-28.31
26600.00	Peak	H	-	-	-56.81	7.21	-9.54	47.86	68.20	-20.34

Table 7-41. Radiated Measurements CDD – Open

FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 223 of 269

Worst Case Mode: 802.11a
 Worst Case Transfer Rate: 6Mbps
 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	H	-	-	-81.29	16.78	0.00	42.49	53.98	-11.49
* 11000.00	Peak	H	-	-	-70.56	16.78	0.00	53.22	73.98	-20.76
16500.00	Peak	H	-	-	-70.56	24.50	0.00	60.94	68.20	-7.26
22000.00	Peak	H	-	-	-55.83	5.16	-9.54	46.79	68.20	-21.41
27500.00	Peak	H	-	-	-56.80	7.69	-9.54	48.36	68.20	-19.84

Table 7-42. Radiated Measurements CDD – Open

Worst Case Mode: 802.11a
 Worst Case Transfer Rate: 6Mbps
 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	H	-	-	-81.12	16.82	0.00	42.70	53.98	-11.28
* 11200.00	Peak	H	-	-	-69.64	16.82	0.00	54.18	73.98	-19.80
16800.00	Peak	H	-	-	-71.49	24.42	0.00	59.93	68.20	-8.27
* 22400.00	Average	H	-	-	-66.58	5.45	-9.54	36.33	53.98	-17.65
* 22400.00	Peak	H	-	-	-55.97	5.45	-9.54	46.94	73.98	-27.04
28000.00	Peak	H	-	-	-67.11	7.99	-9.54	38.34	68.20	-29.86

Table 7-43. Radiated Measurements CDD – Open

FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 224 of 269

Worst Case Mode: 802.11a
 Worst Case Transfer Rate: 6Mbps
 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	H	-	-	-82.18	17.95	0.00	42.77	53.98	-11.21
* 11440.00	Peak	H	-	-	-70.87	17.95	0.00	54.08	73.98	-19.90
17160.00	Peak	H	-	-	-71.65	24.77	0.00	60.12	68.20	-8.08
* 22880.00	Average	H	-	-	-66.82	5.43	-9.54	36.06	53.98	-17.92
* 22880.00	Peak	H	-	-	-56.50	5.43	-9.54	46.38	73.98	-27.60
28600.00	Peak	H	-	-	-57.55	8.29	-9.54	48.20	68.20	-20.00

Table 7-44. Radiated Measurements CDD – Open

Worst Case Mode: 802.11a
 Worst Case Transfer Rate: 6Mbps
 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	H	-	-	-82.12	17.82	0.00	42.70	53.98	-11.28
* 11490.00	Peak	H	-	-	-70.99	17.82	0.00	53.83	73.98	-20.15
17235.00	Peak	H	-	-	-70.95	25.21	0.00	61.26	68.20	-6.94
* 22980.00	Average	H	-	-	-66.87	5.29	-9.54	35.88	53.98	-18.10
* 22980.00	Peak	H	-	-	-56.80	5.29	-9.54	45.95	73.98	-28.03
28725.00	Peak	H	-	-	-55.29	8.24	-9.54	50.40	69.20	-18.80

Table 7-45. Radiated Measurements CDD – Open

FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset	Page 225 of 269	

Worst Case Mode: 802.11a
 Worst Case Transfer Rate: 6Mbps
 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	H	-	-	-81.89	17.80	0.00	42.91	53.98	-11.07
* 11570.00	Peak	H	-	-	-70.76	17.80	0.00	54.04	73.98	-19.94
17355.00	Peak	H	-	-	-72.51	26.23	0.00	60.72	68.20	-7.48
23140.00	Peak	H	-	-	-56.91	5.34	-9.54	45.88	68.20	-22.32
28925.00	Peak	H	-	-	-57.38	8.48	-9.54	48.55	68.20	-19.65

Table 7-46. Radiated Measurements CDD – Open

Worst Case Mode: 802.11a
 Worst Case Transfer Rate: 6Mbps
 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	H	-	-	-81.87	18.05	0.00	43.18	53.98	-10.80
* 11650.00	Peak	H	-	-	-70.70	18.05	0.00	54.35	73.98	-19.63
17475.00	Peak	H	-	-	-71.73	25.87	0.00	61.14	68.20	-7.06
23300.00	Peak	H	-	-	-56.52	5.29	-9.54	46.23	68.20	-21.97
29125.00	Peak	H	-	-	-57.33	8.49	-9.54	48.62	68.20	-19.58

Table 7-47. Radiated Measurements CDD – Open

FCC ID: A3LSMF711JPN	 Proud to be part of  element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset	Page 226 of 269	

Worst Case Mode: 802.11a
 Worst Case Transfer Rate: 6Mbps
 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	H	-	-	-82.83	-1.69	0.00	22.48	53.98	-31.50
* 11570.00	Peak	H	-	-	-71.70	18.31	0.00	53.61	73.98	-20.37
17355.00	Peak	H	-	-	-72.12	26.27	0.00	61.15	68.20	-7.05
23140.00	Peak	H	-	-	-58.13	5.44	-9.54	44.77	68.20	-23.43
28925.00	Peak	H	-	-	-56.23	8.67	-9.54	49.90	68.20	-18.30

Table 7-48. Radiated Measurements CDD with WCP – Open

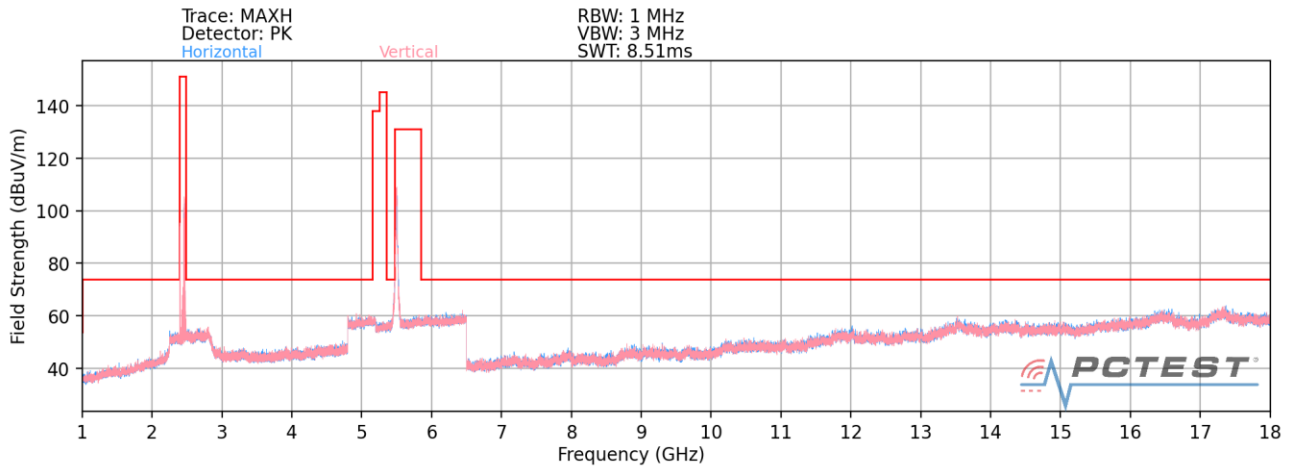
FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset	Page 227 of 269	

7.6.3 Simultaneous Tx Radiated Spurious Emissions Measurements

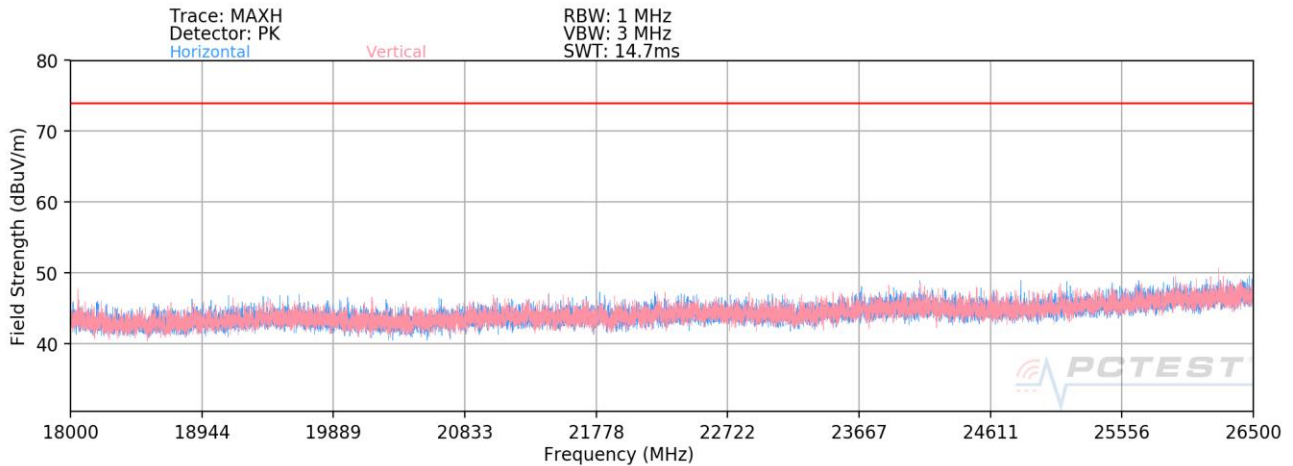
§15.407(b) §15.205 & §15.209; RSS-Gen [8.9]

Description	Bluetooth	2.4 GHz Emission	5 GHz Emission
Antenna	1	2	1, 2
Channel	0	11	100
Operating Frequency (MHz)	2402	2462	5500
Data Rate (Mbps)	1	1	6
Mode	GFSK	802.11b	802.11a

Table 7-49. Simultaneous Transmission Config-1

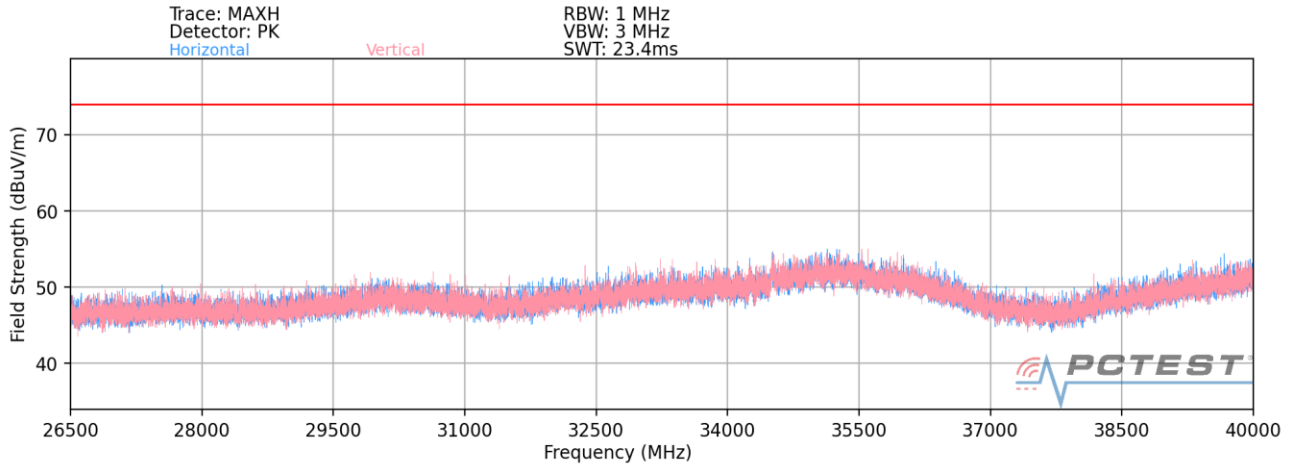


Plot 7-355. Radiated Spurious Plot above 1GHz (5GHz – 2.4GHz) – Open

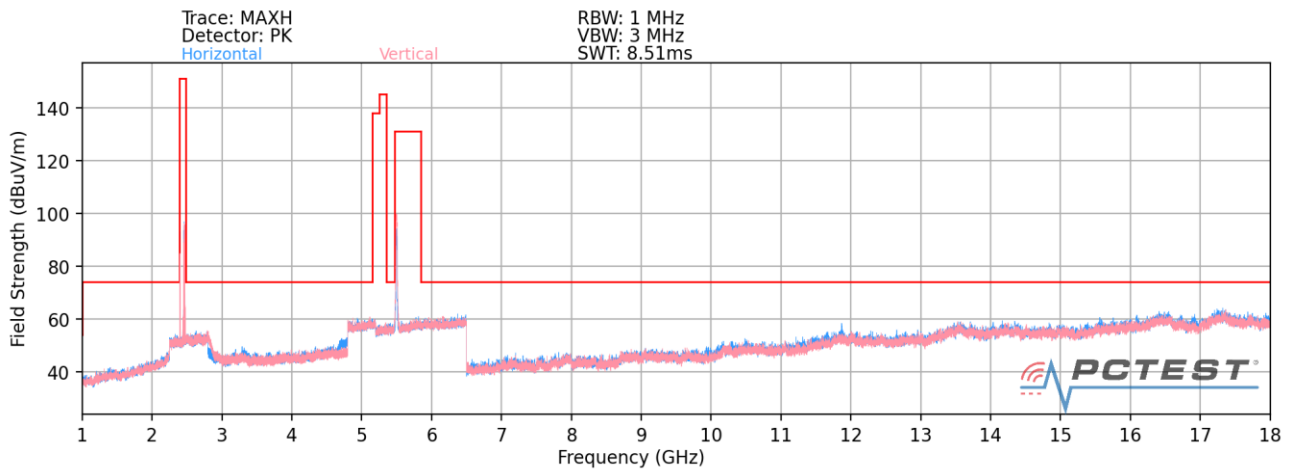


Plot 7-356. Radiated Spurious Plot 18GHz – 26.5GHz (5GHz – 2.4GHz) – Open

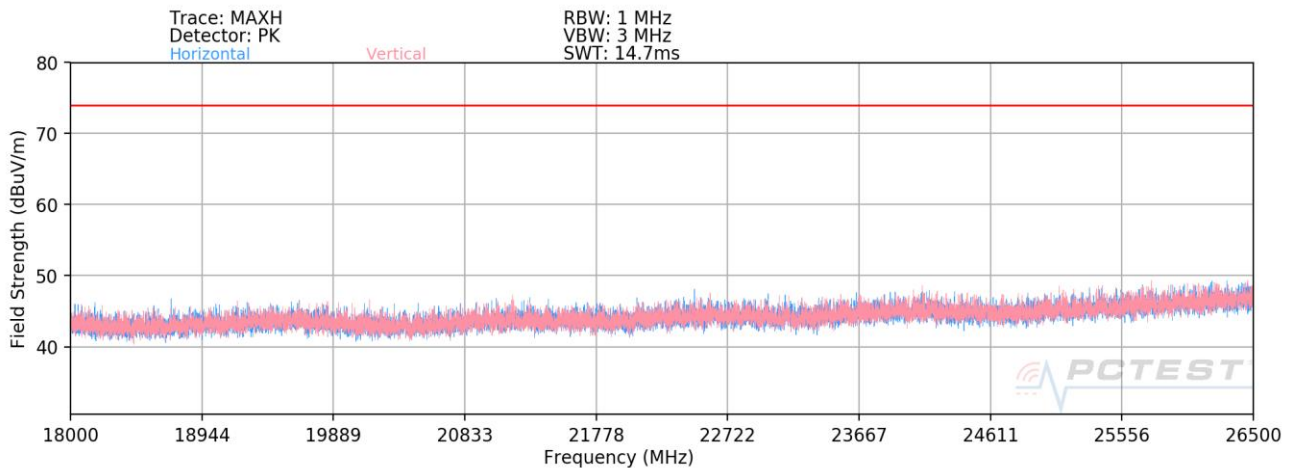
FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset	Page 228 of 269	



Plot 7-357. Radiated Spurious Plot above 26.5GHz (5GHz - 2.4GHz) - Open

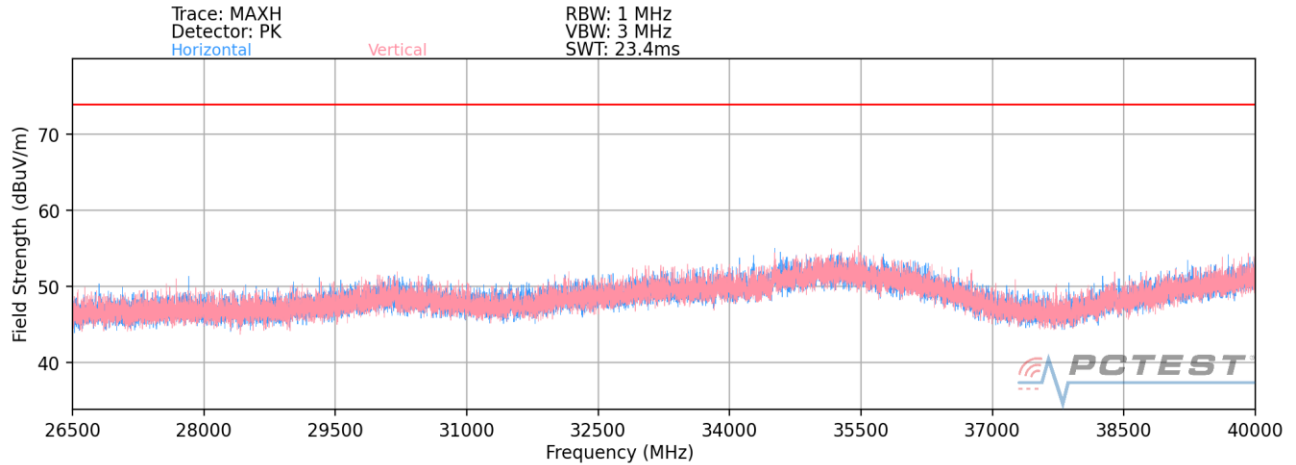


Plot 7-358. Radiated Spurious Plot above 1GHz (5GHz - 2.4GHz) - Closed



Plot 7-359. Radiated Spurious Plot 18GHz - 26.5GHz (5GHz - 2.4GHz) - Closed

FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 229 of 269

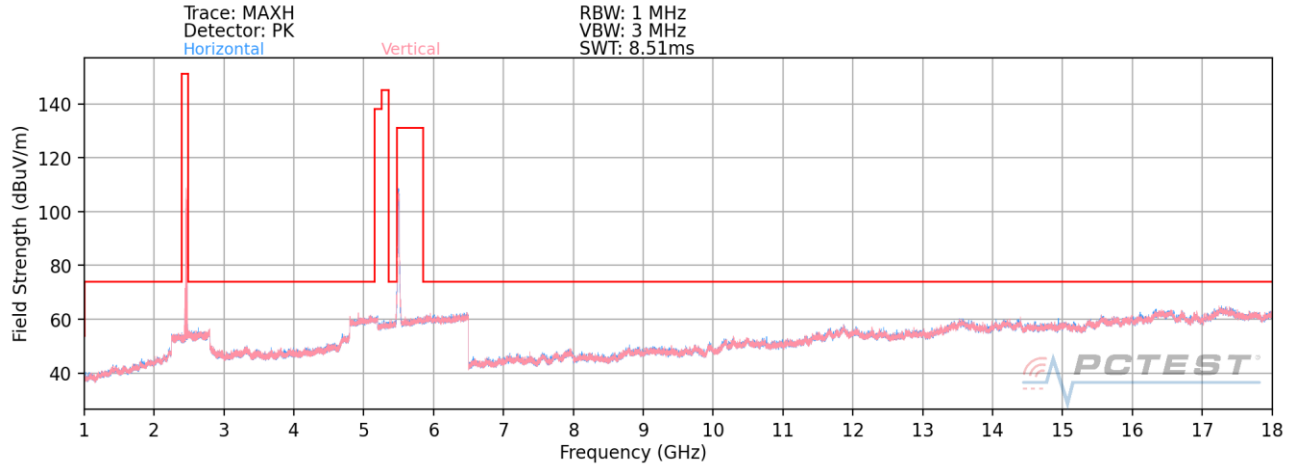


Plot 7-360. Radiated Spurious Plot above 26.5GHz (5GHz – 2.4GHz) – Closed

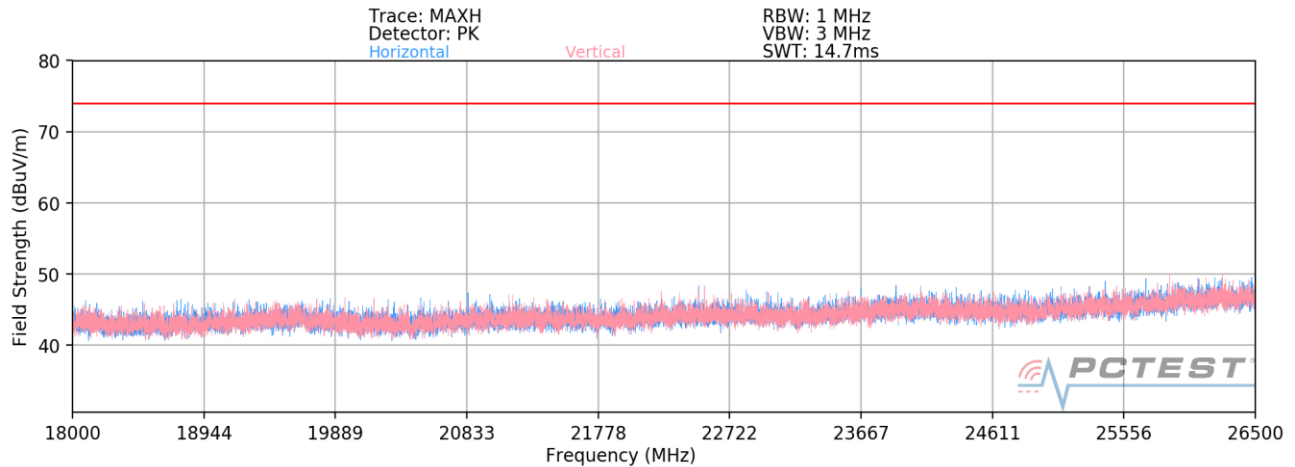
FCC ID: A3LSMF711JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset	Page 230 of 269	

Description	2.4 GHz Emission	5 GHz Emission
Antenna	1, 2	1, 2
Channel	11	100
Operating Frequency (MHz)	2462	5500
Data Rate (Mbps)	1	6
Mode	802.11b	802.11a

Table 7-50. Dual Band Simultaneous Transmission

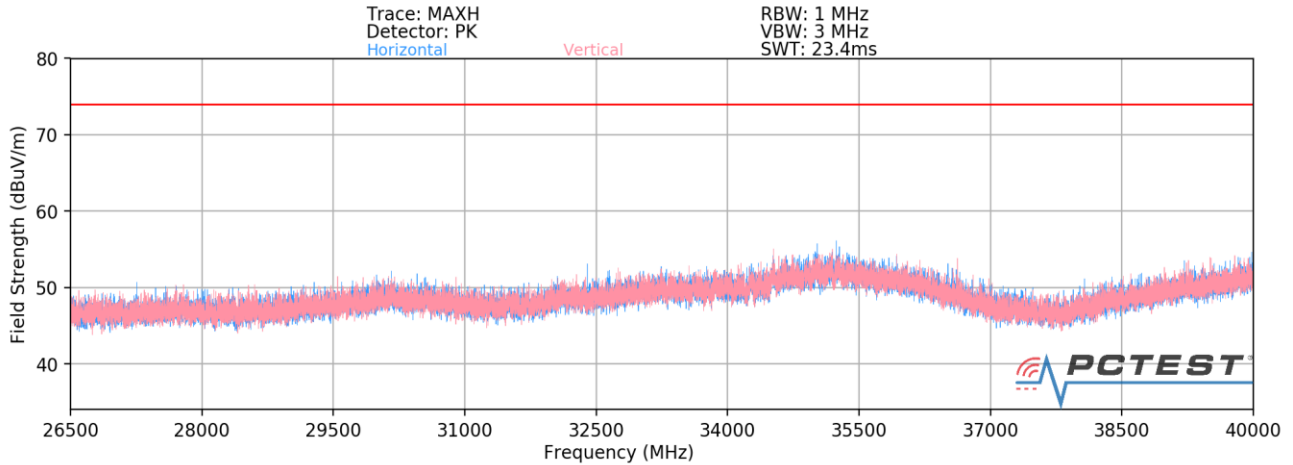


Plot 7-361. Radiated Spurious Plot above 1GHz (5GHz – 2.4GHz) – Open

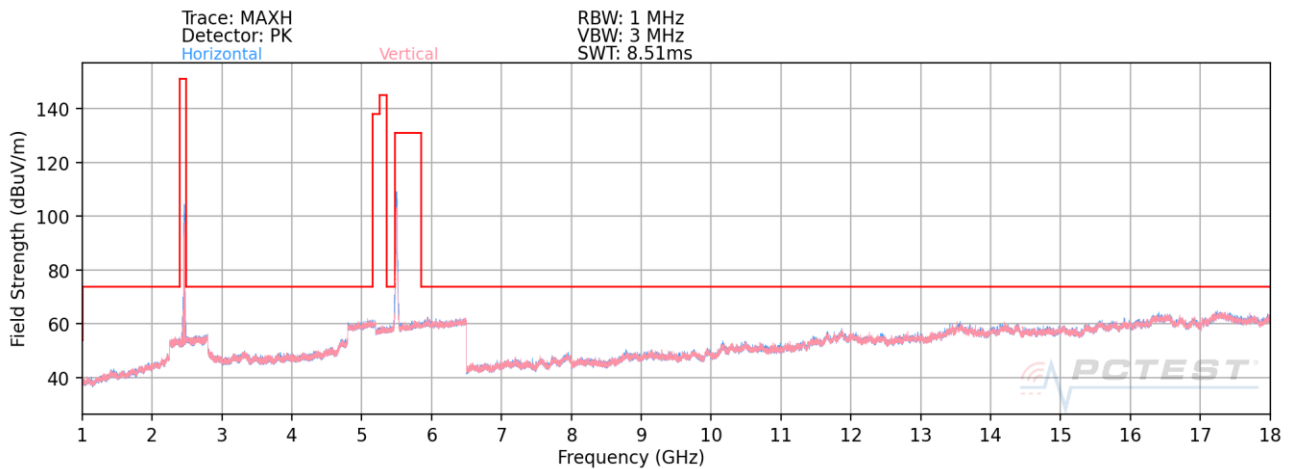


Plot 7-362. Radiated Spurious Plot 18GHz – 26.5GHz (5GHz – 2.4GHz) – Open

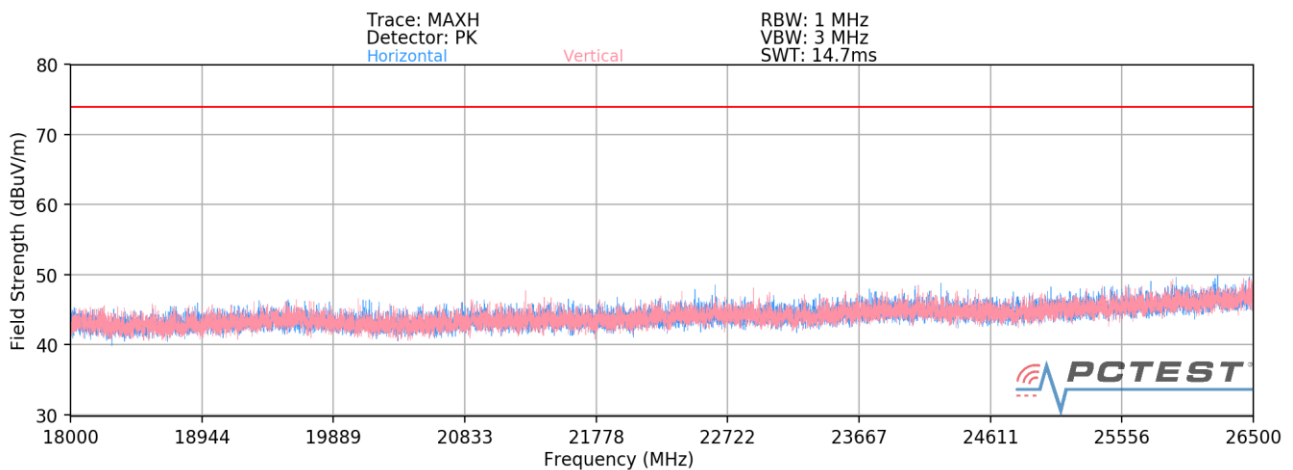
FCC ID: A3LSMF711JPN	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 231 of 269



Plot 7-363. Radiated Spurious Plot above 26.5GHz (5GHz - 2.4GHz) - Open

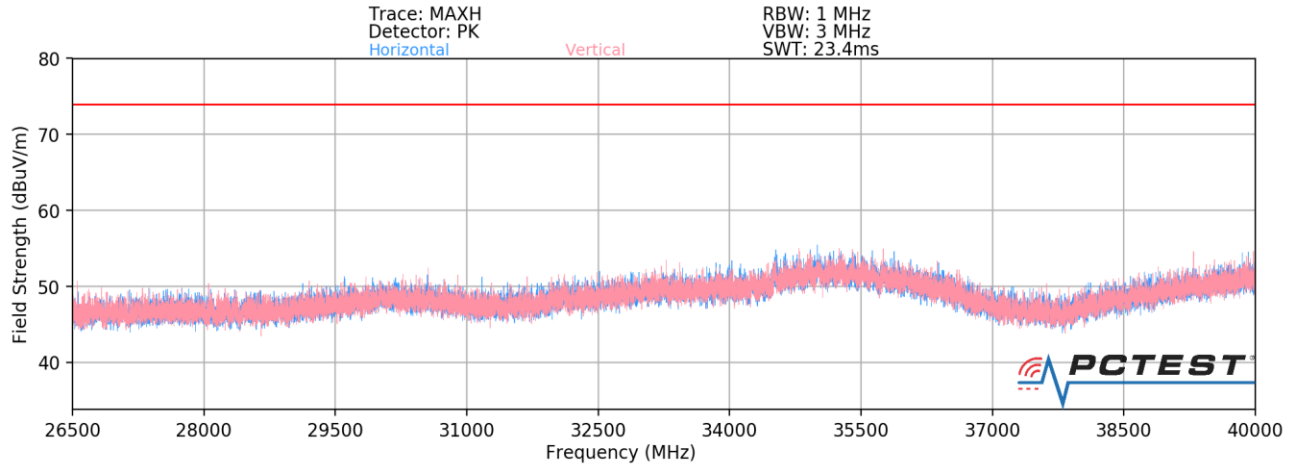


Plot 7-364. Radiated Spurious Plot above 1GHz (5GHz - 2.4GHz) - Closed



Plot 7-365. Radiated Spurious Plot 18GHz - 26.5GHz (5GHz - 2.4GHz) - Closed

FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 232 of 269

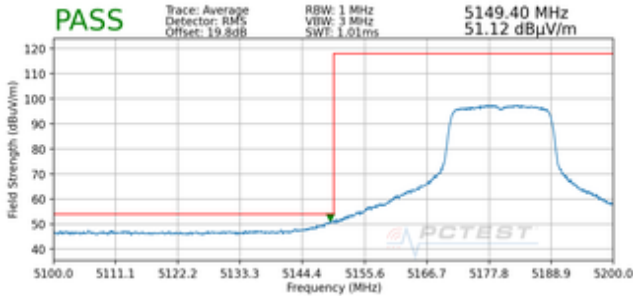


Plot 7-366. Radiated Spurious Plot above 26.5GHz (5GHz – 2.4GHz) - Closed

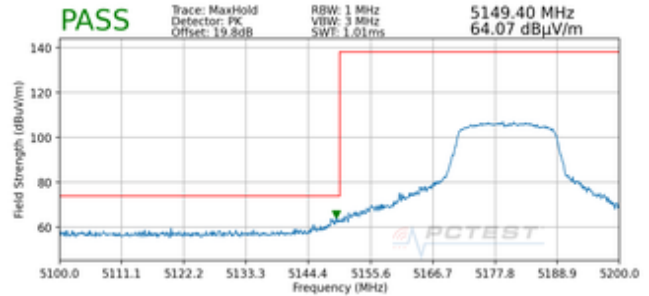
FCC ID: A3LSMF711JPN	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset	Page 233 of 269	

7.6.4 SISO Antenna-1 Radiated Band Edge Measurements (20MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Worst Case Orientation: Closed
 Distance of Measurements: 3 Meters
 Operating Frequency: 5180MHz
 Channel: 36

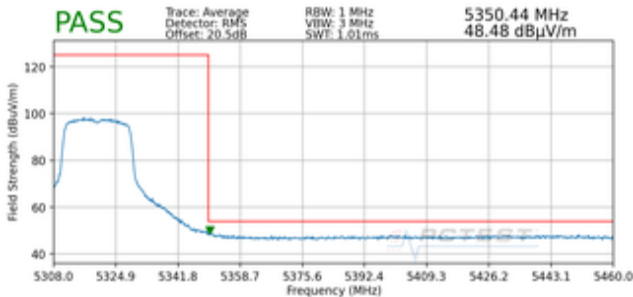


Plot 7-367. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 1)

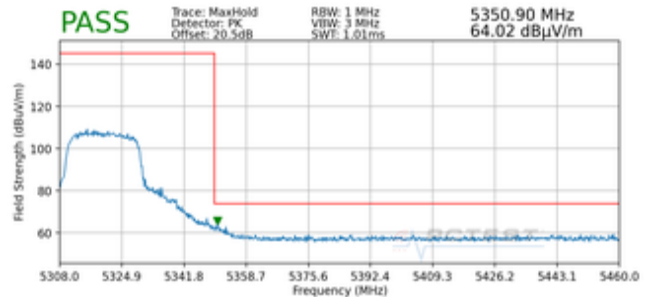


Plot 7-368. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 1)

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Worst Case Orientation: Closed
 Distance of Measurements: 3 Meters
 Operating Frequency: 5320MHz
 Channel: 64



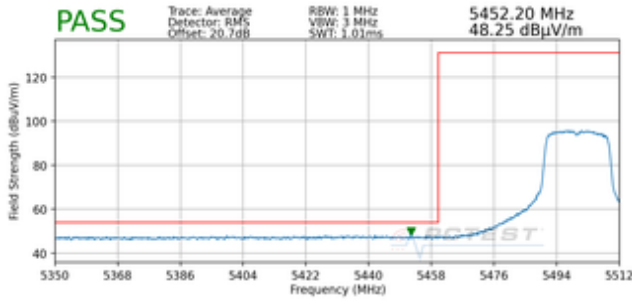
Plot 7-369. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 2A)



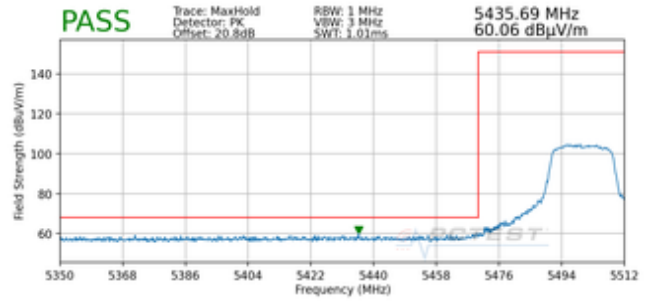
Plot 7-370. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 2A)

FCC ID: A3LSMF711JPN	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 234 of 269

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Worst Case Orientation: Closed
 Distance of Measurements: 3 Meters
 Operating Frequency: 5500MHz
 Channel: 100

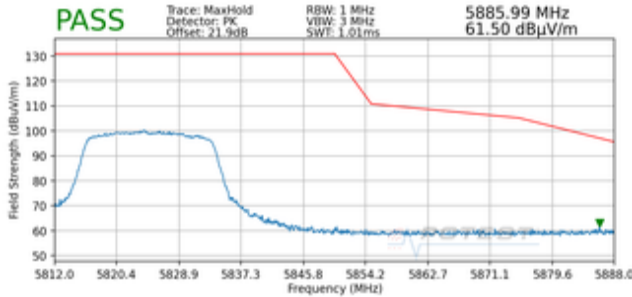


Plot 7-371. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 2C)



Plot 7-372. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 2C)

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Worst Case Orientation: Closed
 Distance of Measurements: 3 Meters
 Operating Frequency: 5825MHz
 Channel: 165

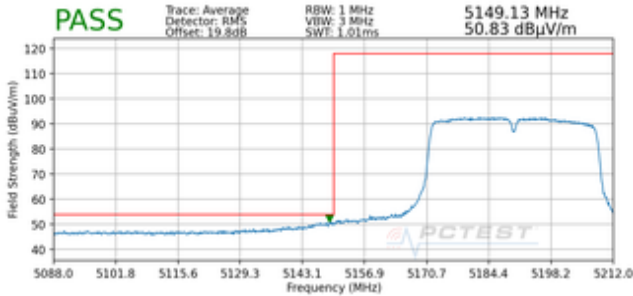


Plot 7-373. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 3)

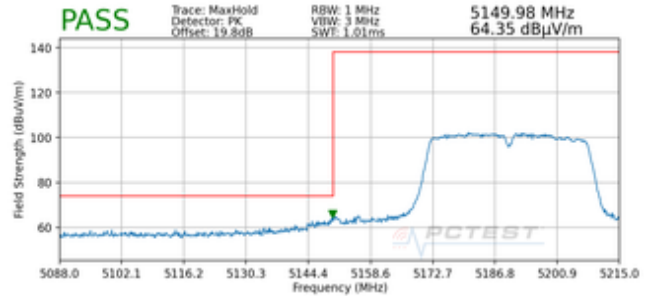
FCC ID: A3LSMF711JPN	 <p>Proud to be part of </p>	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset	Page 235 of 269	

7.6.5 SISO Antenna-1 Radiated Band Edge Measurements (40MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Worst Case Mode:	802.11ac
Worst Case Transfer Rate:	MCS0
Worst Case Orientation:	Closed
Distance of Measurements:	3 Meters
Operating Frequency:	5190MHz
Channel:	38

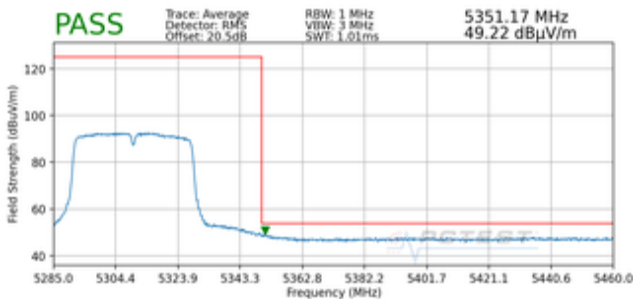


Plot 7-374. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 1)

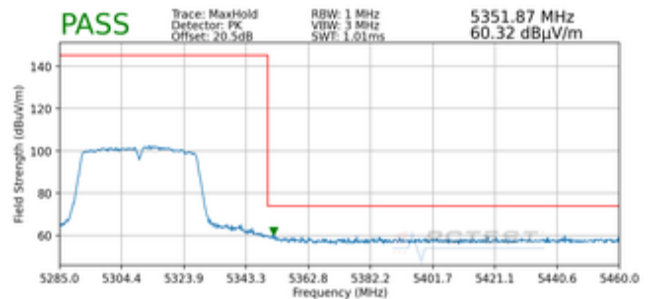


Plot 7-375. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 1)

Worst Case Mode:	802.11ac
Worst Case Transfer Rate:	MCS0
Worst Case Orientation:	Closed
Distance of Measurements:	3 Meters
Operating Frequency:	5310MHz
Channel:	62



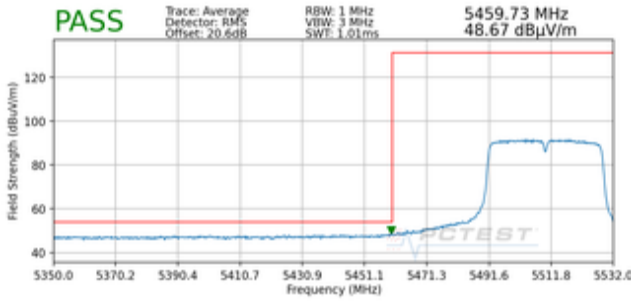
Plot 7-376. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 2A)



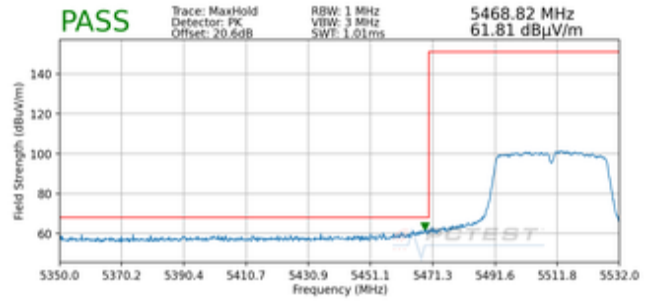
Plot 7-377. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 2A)

FCC ID: A3LSMF711JPN	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 236 of 269

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Worst Case Orientation: Closed
 Distance of Measurements: 3 Meters
 Operating Frequency: 5510MHz
 Channel: 102

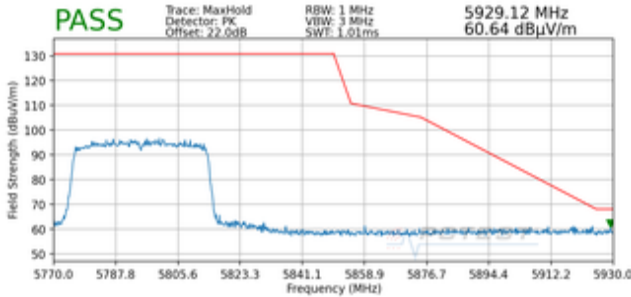


Plot 7-378. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 2C)



Plot 7-379. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 2C)

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Worst Case Orientation: Closed
 Distance of Measurements: 3 Meters
 Operating Frequency: 5795MHz
 Channel: 159

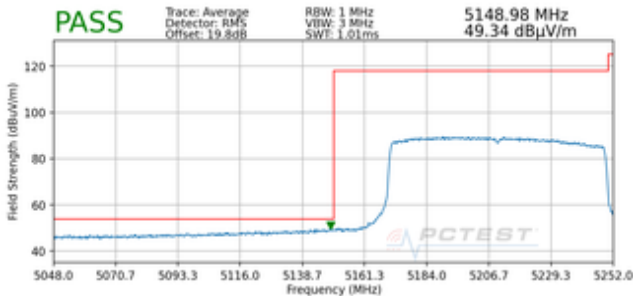


Plot 7-380. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 3)

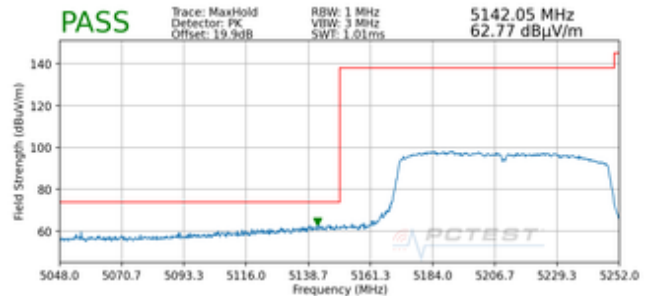
FCC ID: A3LSMF711JPN	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 237 of 269

7.6.6 SISO Antenna-1 Radiated Band Edge Measurements (80MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Worst Case Orientation: Closed
 Distance of Measurements: 3 Meters
 Operating Frequency: 5210MHz
 Channel: 42

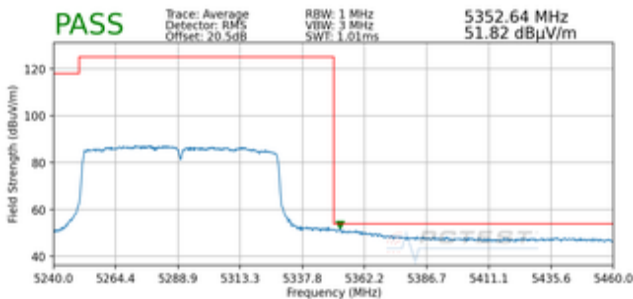


Plot 7-381. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 1)

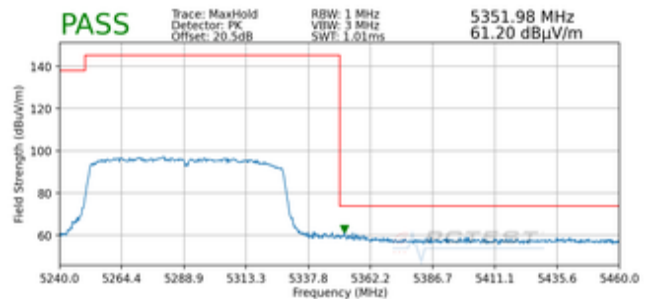


Plot 7-382. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 1)

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Worst Case Orientation: Closed
 Distance of Measurements: 3 Meters
 Operating Frequency: 5290MHz
 Channel: 58



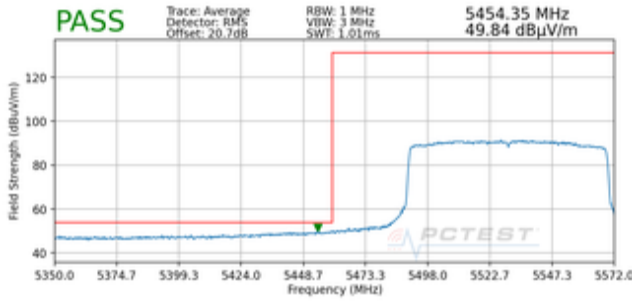
Plot 7-383. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 2A)



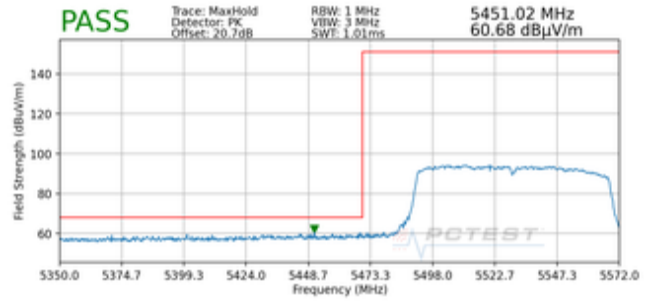
Plot 7-384. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 2A)

FCC ID: A3LSMF711JPN	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 238 of 269

Worst Case Mode:	802.11ac
Worst Case Transfer Rate:	MCS0
Worst Case Orientation:	Closed
Distance of Measurements:	3 Meters
Operating Frequency:	5530MHz
Channel:	106

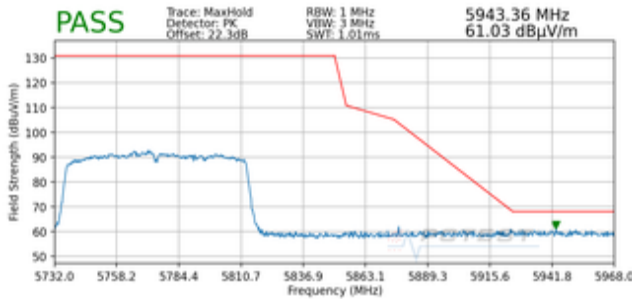


Plot 7-385. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 2C)



Plot 7-386. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 2C)

Worst Case Mode:	802.11ac
Worst Case Transfer Rate:	MCS0
Worst Case Orientation:	Closed
Distance of Measurements:	3 Meters
Operating Frequency:	5775MHz
Channel:	155



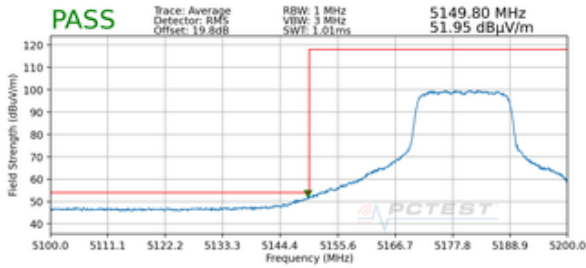
Plot 7-387. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 3)

FCC ID: A3LSMF711JPN	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 239 of 269

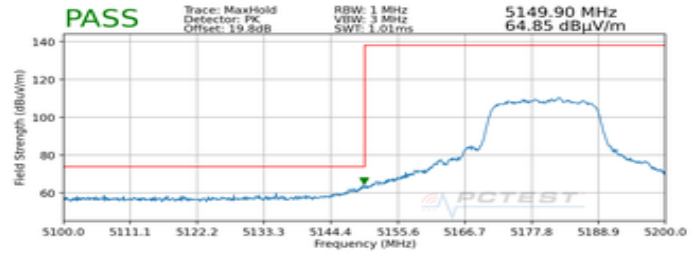
7.6.7 MIMO Radiated Band Edge Measurements (20MHz BW)

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

Worst Case Mode:	802.11ac
Worst Case Transfer Rate:	MCS0
Worst Case Orientation:	Closed
Distance of Measurements:	3 Meters
Operating Frequency:	5180MHz
Channel:	36

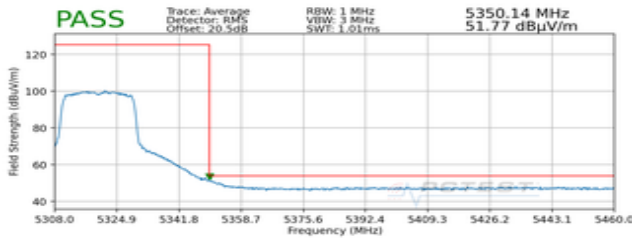


Plot 7-388. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)

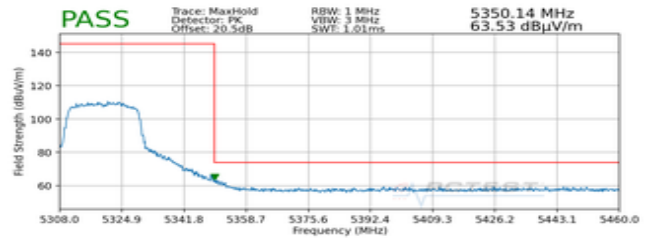


Plot 7-389. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1)

Worst Case Mode:	802.11ac
Worst Case Transfer Rate:	MCS0
Worst Case Orientation:	Closed
Distance of Measurements:	3 Meters
Operating Frequency:	5320MHz
Channel:	64



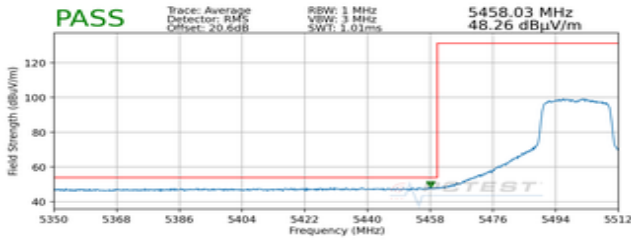
Plot 7-390. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A)



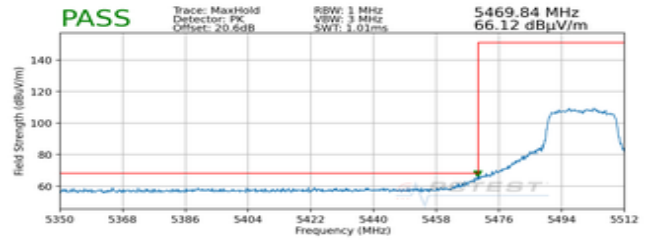
Plot 7-391. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A)

FCC ID: A3LSMF711JPN	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 240 of 269

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Worst Case Orientation: Closed
 Distance of Measurements: 3 Meters
 Operating Frequency: 5500MHz
 Channel: 100

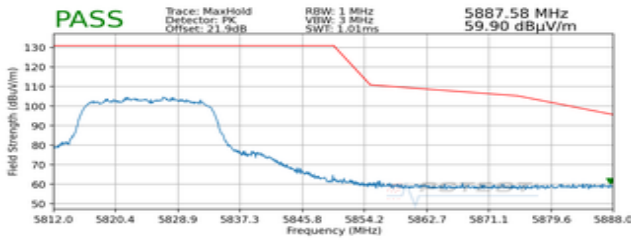


Plot 7-392. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C)



Plot 7-393. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C)

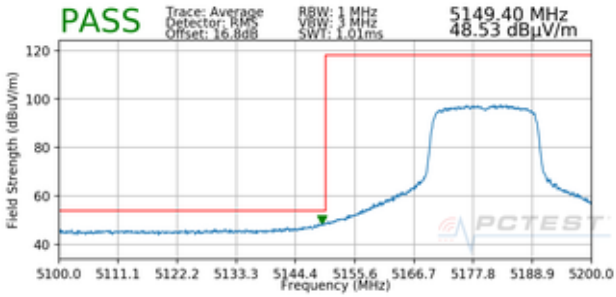
Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Worst Case Orientation: Closed
 Distance of Measurements: 3 Meters
 Operating Frequency: 5825MHz
 Channel: 165



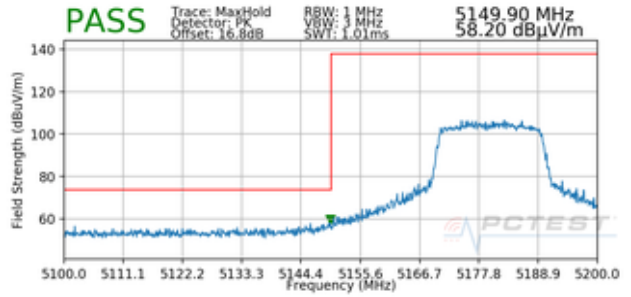
Plot 7-394. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3)

FCC ID: A3LSMF711JPN	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 241 of 269

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



Plot 7-395. Radiated Lower Band Edge Plot MIMO with WCP (Average – UNII Band 1)



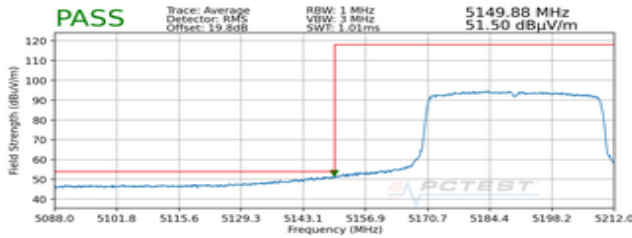
Plot 7-396. Radiated Lower Band Edge Plot MIMO with WCP (Peak – UNII Band 1)

FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset	Page 242 of 269	

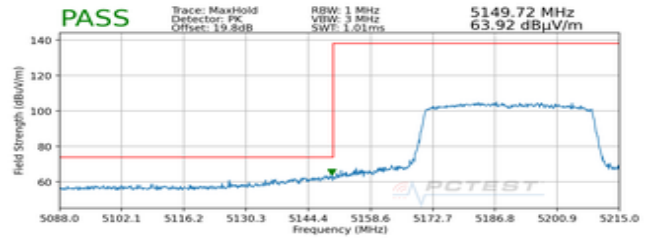
7.6.8 MIMO Radiated Band Edge Measurements (40MHz BW)

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

Worst Case Mode:	802.11ac
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	5190MHz
Channel:	38

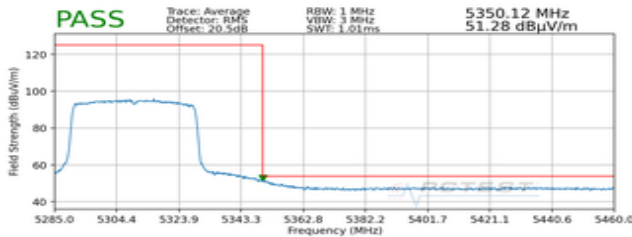


Plot 7-397. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)

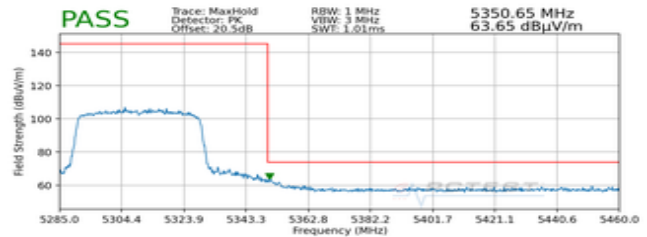


Plot 7-398. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1)

Worst Case Mode:	802.11ac
Worst Case Transfer Rate:	MCS0
Worst Case Orientation:	Closed
Distance of Measurements:	3 Meters
Operating Frequency:	5310MHz
Channel:	62



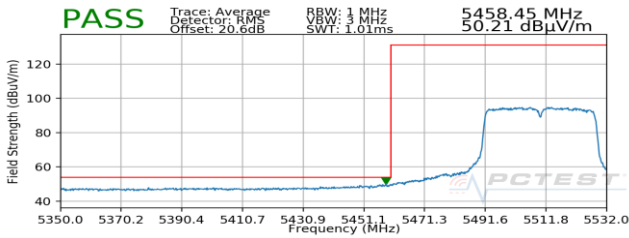
Plot 7-399. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A)



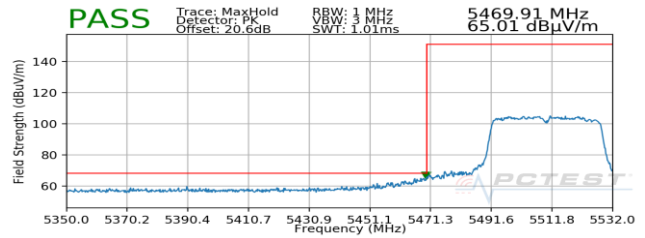
Plot 7-400. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A)

FCC ID: A3LSMF711JPN	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 243 of 269

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Worst Case Orientation: Closed
 Distance of Measurements: 3 Meters
 Operating Frequency: 5510MHz
 Channel: 102

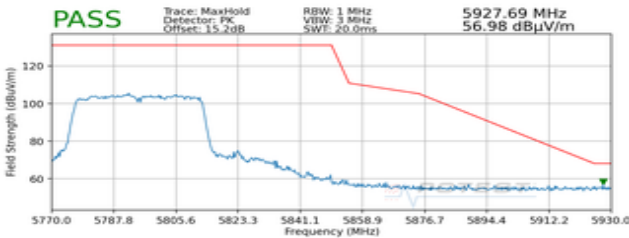


Plot 7-401. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C)



Plot 7-402. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C)

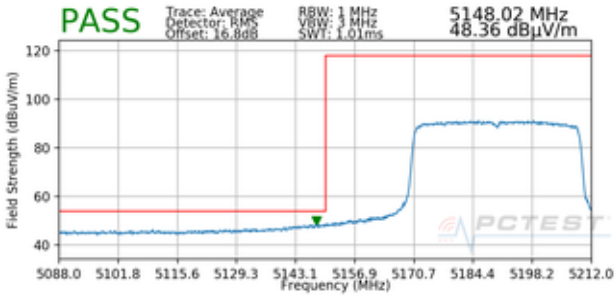
Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Worst Case Orientation: Closed
 Distance of Measurements: 3 Meters
 Operating Frequency: 5795MHz
 Channel: 159



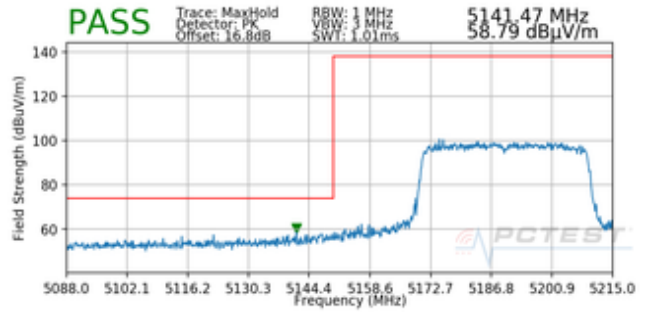
Plot 7-403. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3)

FCC ID: A3LSMF711JPN	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 244 of 269

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



Plot 7-404. Radiated Lower Band Edge Plot MIMO with WCP (Average – UNII Band 1)



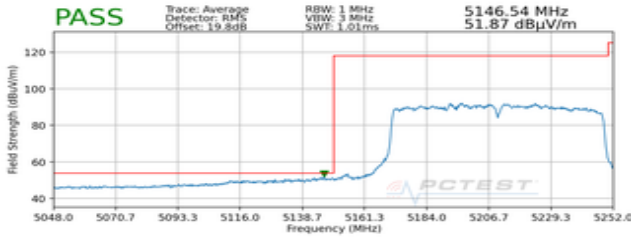
Plot 7-405. Radiated Lower Band Edge Plot MIMO with WCP (Peak – UNII Band 1)

FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset	Page 245 of 269	

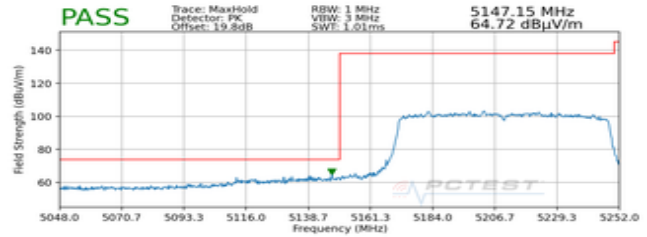
7.6.9 MIMO Radiated Band Edge Measurements (80MHz BW)

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

Worst Case Mode:	802.11ac
Worst Case Transfer Rate:	MCS0
Worst Case Orientation:	Closed
Distance of Measurements:	3 Meters
Operating Frequency:	5210MHz
Channel:	42

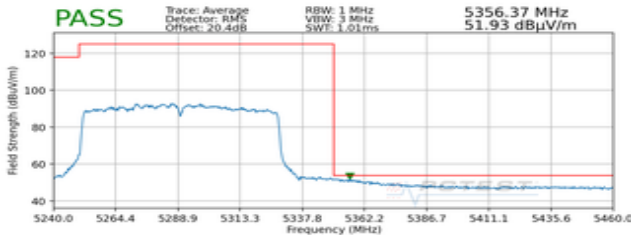


Plot 7-406. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)

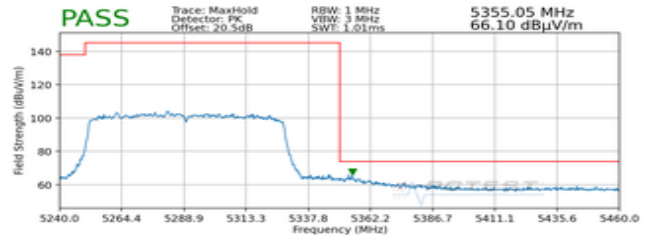


Plot 7-407. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1)

Worst Case Mode:	802.11ac
Worst Case Transfer Rate:	MCS0
Worst Case Orientation:	Closed
Distance of Measurements:	3 Meters
Operating Frequency:	5290MHz
Channel:	58



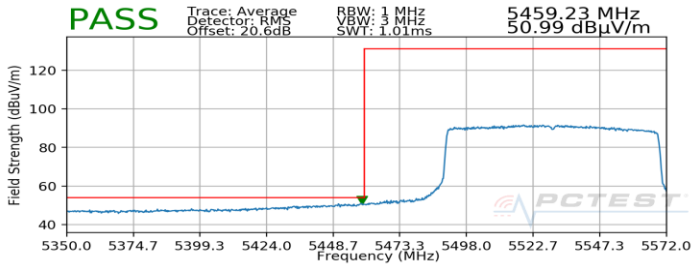
Plot 7-408. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A)



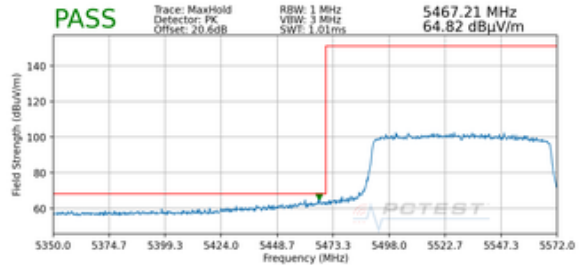
Plot 7-409. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A)

FCC ID: A3LSMF711JPN	 Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 246 of 269

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Worst Case Orientation: Closed
 Distance of Measurements: 3 Meters
 Operating Frequency: 5530MHz
 Channel: 106

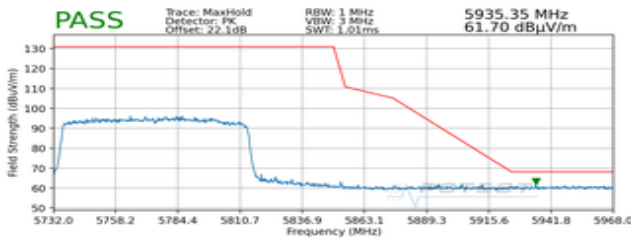


Plot 7-410. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C)



Plot 7-411. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C)

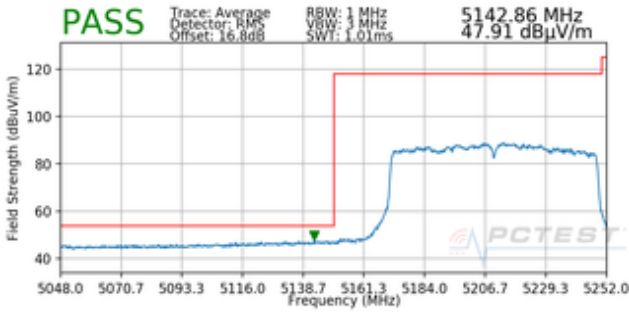
Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Worst Case Orientation: Closed
 Distance of Measurements: 3 Meters
 Operating Frequency: 5775MHz
 Channel: 155



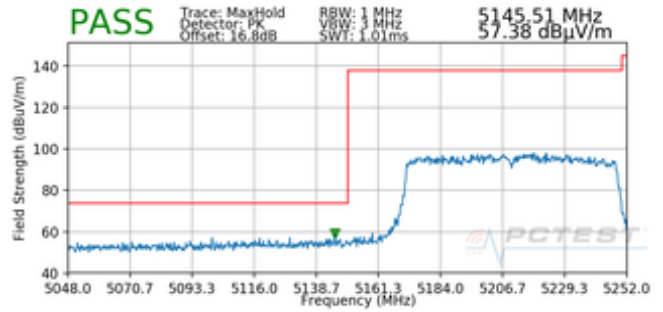
Plot 7-412. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3)

FCC ID: A3LSMF711JPN	 Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 247 of 269

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5210MHz
 Channel: 42



Plot 7-413. Radiated Lower Band Edge Plot MIMO with WCP (Average – UNII Band 1)



Plot 7-414. Radiated Lower Band Edge Plot MIMO with WCP (Peak – UNII Band 1)

FCC ID: A3LSMF711JPN	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 248 of 269

7.7 Radiated Spurious Emissions Measurements – Below 1GHz

§15.209; RSS-Gen [8.9]

Test Overview and Limit

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for radiated spurious emissions. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR and Table 6 of RSS-Gen (8.10) must not exceed the limits shown in Table 7-51 per Section 15.209 and RSS-Gen (8.9).

Frequency	Field Strength [$\mu\text{V/m}$]	Measured Distance [Meters]
0.009 – 0.490 MHz	2400/F (kHz)	300
0.490 – 1.705 MHz	24000/F (kHz)	30
1.705 – 30.00 MHz	30	30
30.00 – 88.00 MHz	100	3
88.00 – 216.0 MHz	150	3
216.0 – 960.0 MHz	200	3
Above 960.0 MHz	500	3

Table 7-51. Radiated Limits

Test Procedures Used

ANSI C63.10-2013

Test Settings

Quasi-Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Test Setup

The EUT and measurement equipment were set up as shown in the diagrams below.

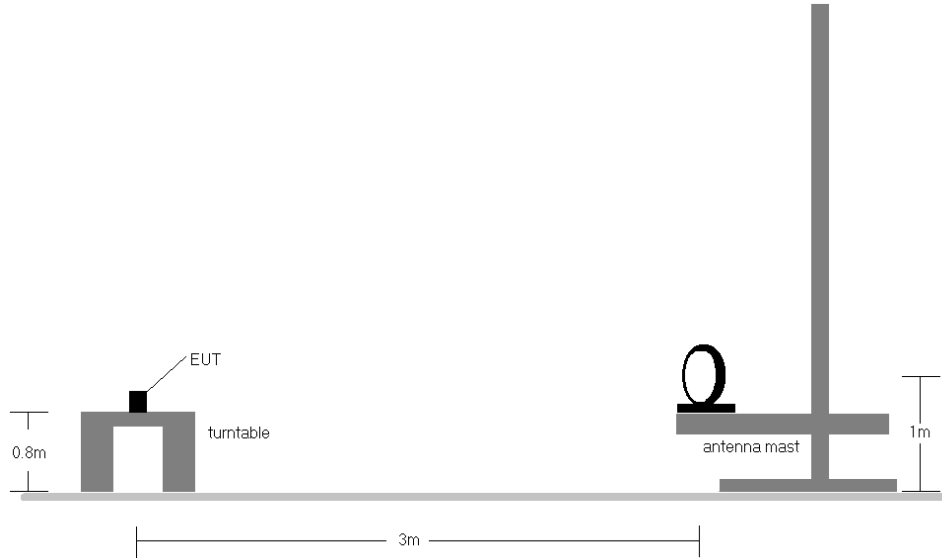


Figure 7-6. Radiated Test Setup < 30MHz

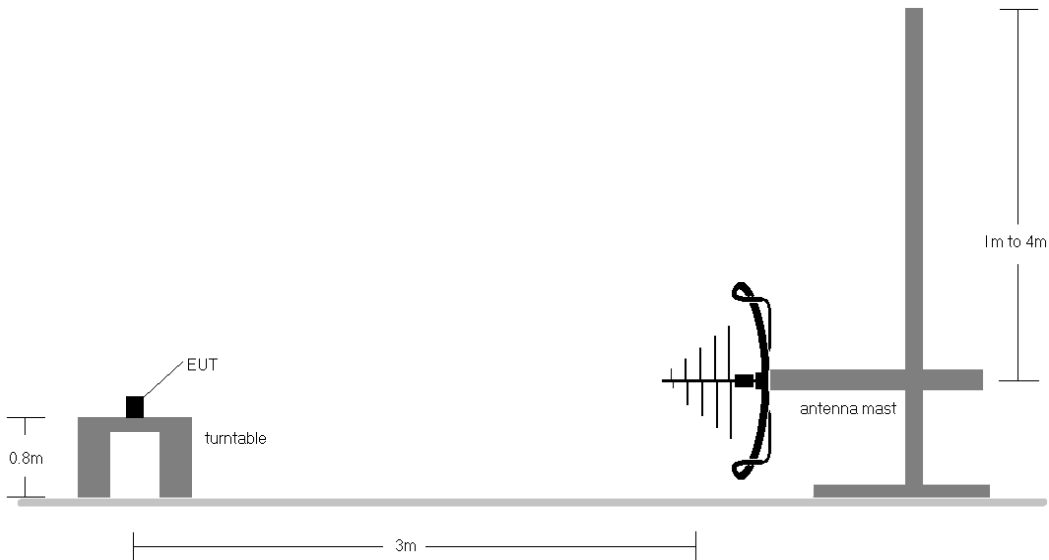


Figure 7-7. Radiated Test Setup < 1GHz

FCC ID: A3LSMF711JPN	Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 250 of 269

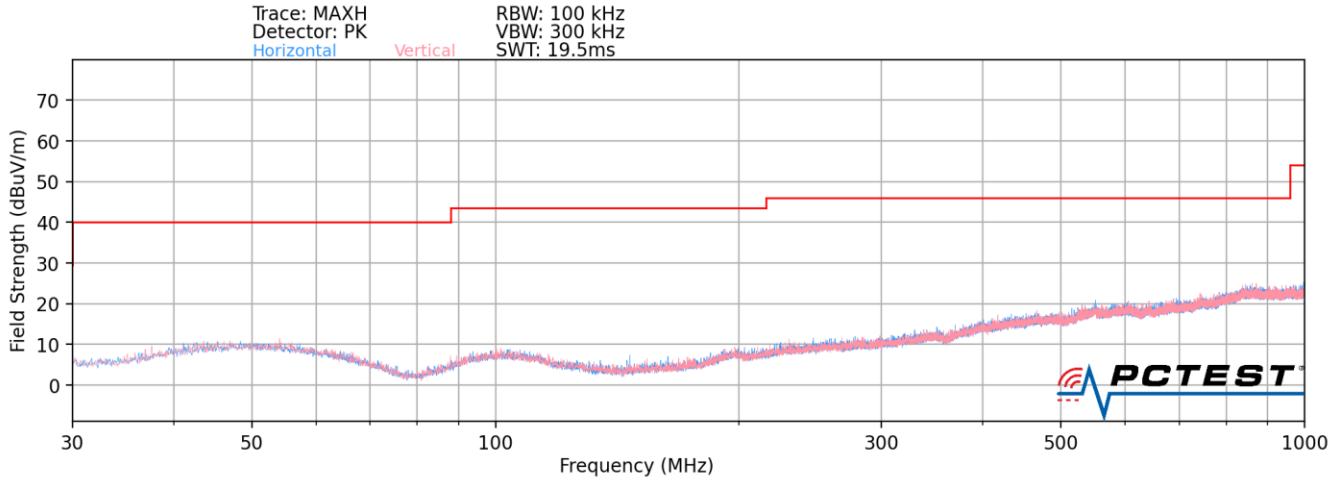
Test Notes

1. All emissions lying in restricted bands specified in §15.205 and RSS-Gen (8.10) are below the limit shown in Table 7-51.
2. The broadband receive antenna is manipulated through vertical and horizontal polarizations during the tests. The EUT is manipulated through three orthogonal planes.
3. This unit was tested with its standard battery.
4. The spectrum is investigated using a peak detector and final measurements are recorded using CISPR quasi peak detector. The worst-case emissions are reported however emissions whose levels were not within 20dB of the respective limits were not reported.
5. Emissions were measured at a 3 meter test distance.
6. Emissions are investigated while operating on the center channel of the mode, band, and modulation that produced the worst case results during the transmitter spurious emissions testing.
7. No spurious emissions were detected within 20dB of the limit below 30MHz.
8. The results recorded using the broadband antenna is known to correlate with the results obtained by using a tuned dipole with an acceptable degree of accuracy. The VSWR for the measurement antenna was found to be less than 2:1.
9. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. There were no emissions detected in the 30MHz – 1GHz frequency range, as shown in the subsequent plots.

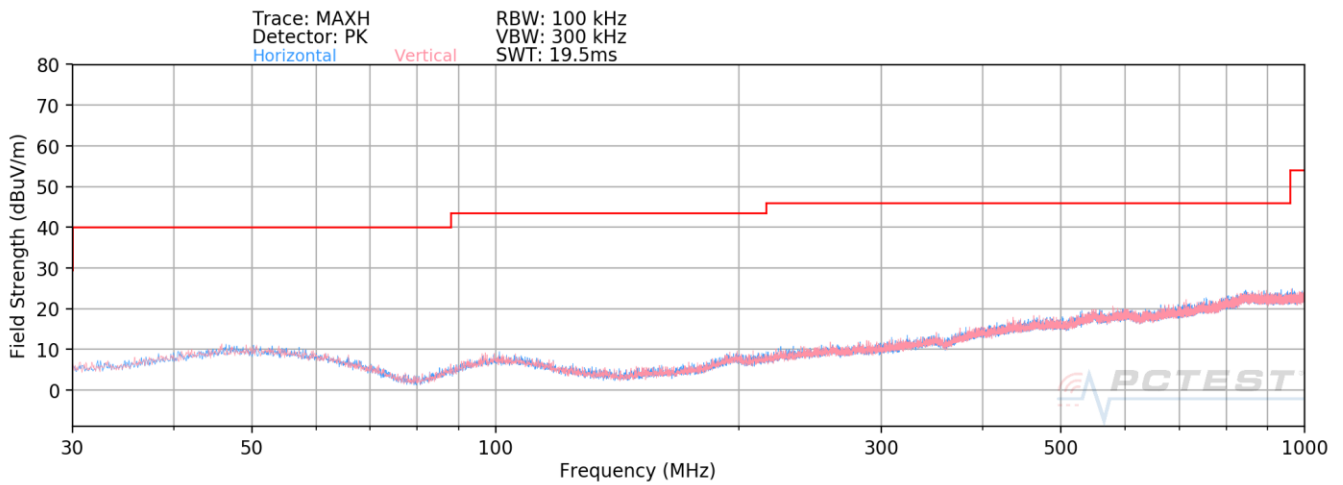
FCC ID: A3LSMF711JPN	 <p>PCTEST Proud to be part of  element</p>	MEASUREMENT REPORT (CERTIFICATION)	 Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset	Page 251 of 269

SISO Antenna-1 Radiated Spurious Emissions Measurements (Below 1GHz)

§15.209; RSS-Gen [8.9]



Plot 7-415. Radiated Spurious Plot below 1GHz SISO Ant1 (802.11a – U3 Ch. 157) – Open

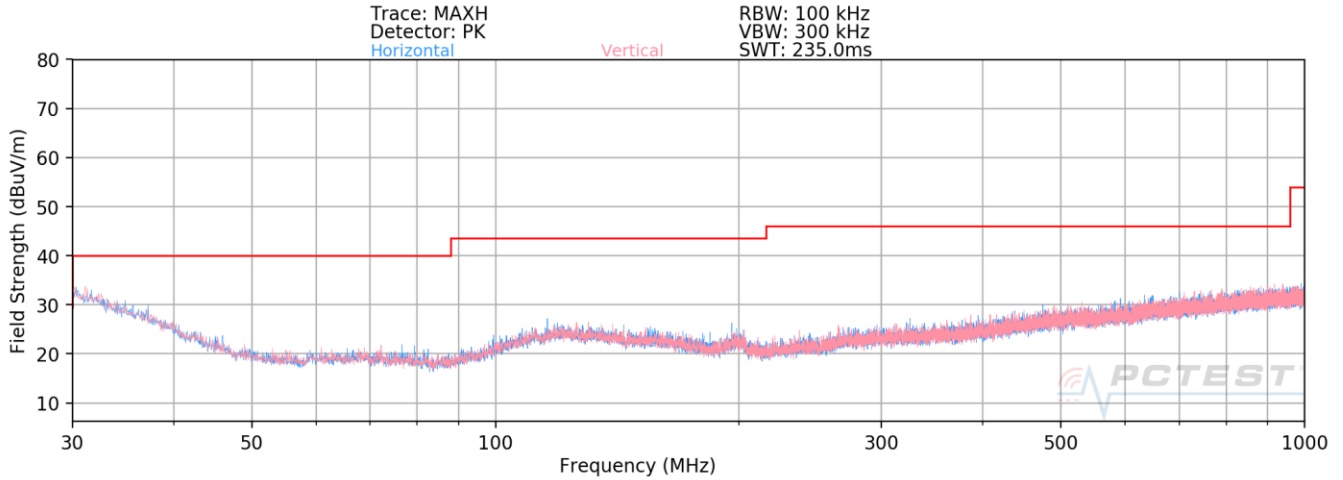


Plot 7-416. Radiated Spurious Plot below 1GHz SISO Ant1 (802.11a – U3 Ch. 157) – Closed

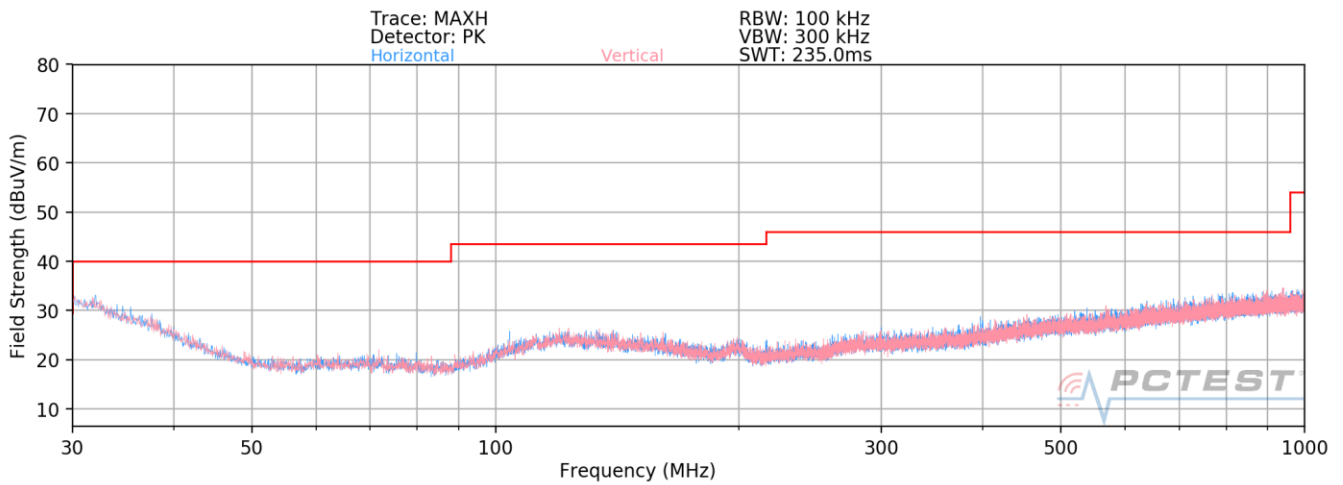
FCC ID: A3LSMF711JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 252 of 269

CDD Radiated Spurious Emissions Measurements (Below 1GHz)

§15.209; RSS-Gen [8.9]



Plot 7-417. Radiated Spurious Plot below 1GHz CDD (802.11a – U3 Ch. 157) – Open

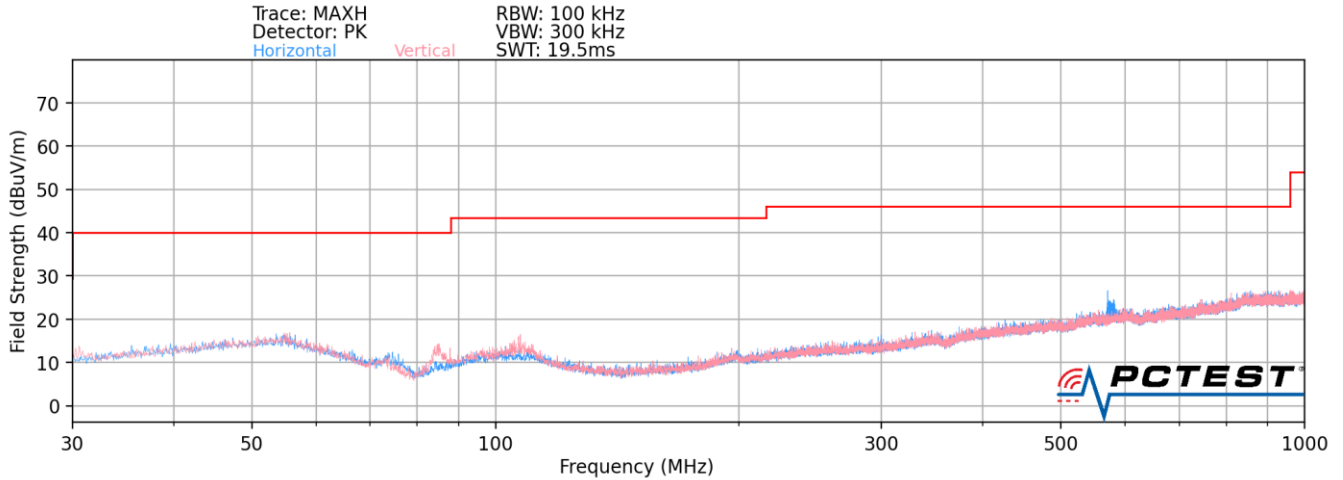


Plot 7-418. Radiated Spurious Plot below 1GHz CDD (802.11a – U3 Ch. 157) – Closed

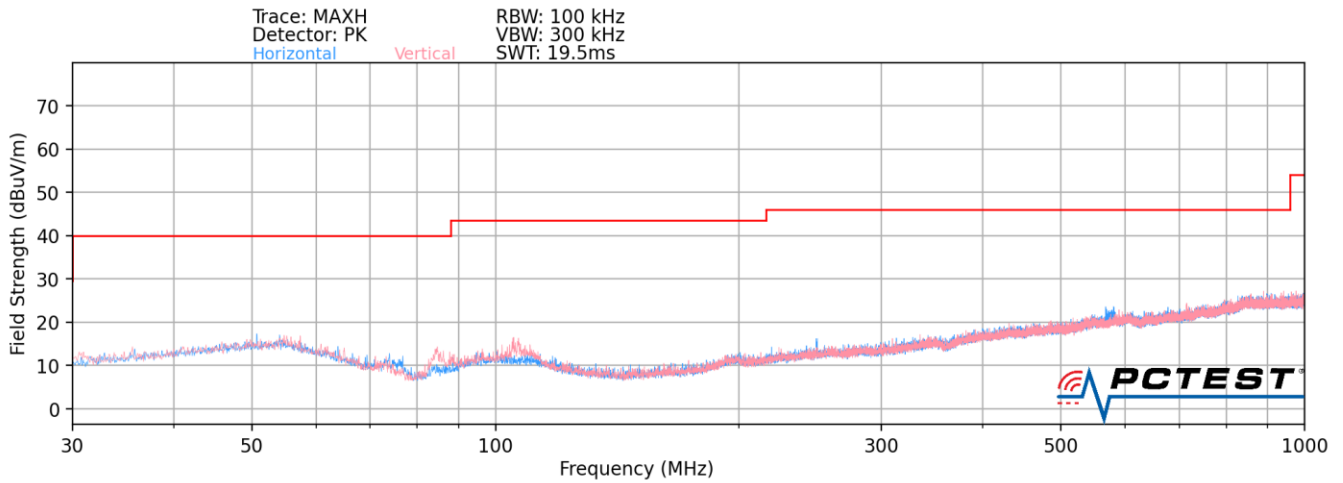
FCC ID: A3LSMF711JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 253 of 269

Simultaneous Tx Radiated Spurious Emissions Measurements (Below 1GHz)

§15.209; RSS-Gen [8.9]



Plot 7-419. Radiated Spurious Plot below 1GHz (Bluetooth – 2.4 GHz – 5GHz) – Open



Plot 7-420. Radiated Spurious Plot below 1GHz (Dual Band Simult. Tx) – Closed

FCC ID: A3LSMF711JPN	 Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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7.8 Line-Conducted Test Data

§15.407; RSS-Gen [8.8]

Test Overview and Limit

All AC line conducted spurious emissions are measured with a receiver connected to a grounded LISN while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for conducted spurious emissions. Only the conducted emissions of the configuration that produced the worst case emissions are reported in this section.

All conducted emissions must not exceed the limits shown in the table below, per Section 15.207 and RSS-Gen (8.8).

Frequency of emission (MHz)	Conducted Limit (dB μ V)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56*	56 to 46*
0.5 – 5	56	46
5 – 30	60	50

Table 7-52. Conducted Limits

*Decreases with the logarithm of the frequency.

Test Procedures Used

ANSI C63.10-2013, Section 6.2

Test Settings

Quasi-Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = RMS
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

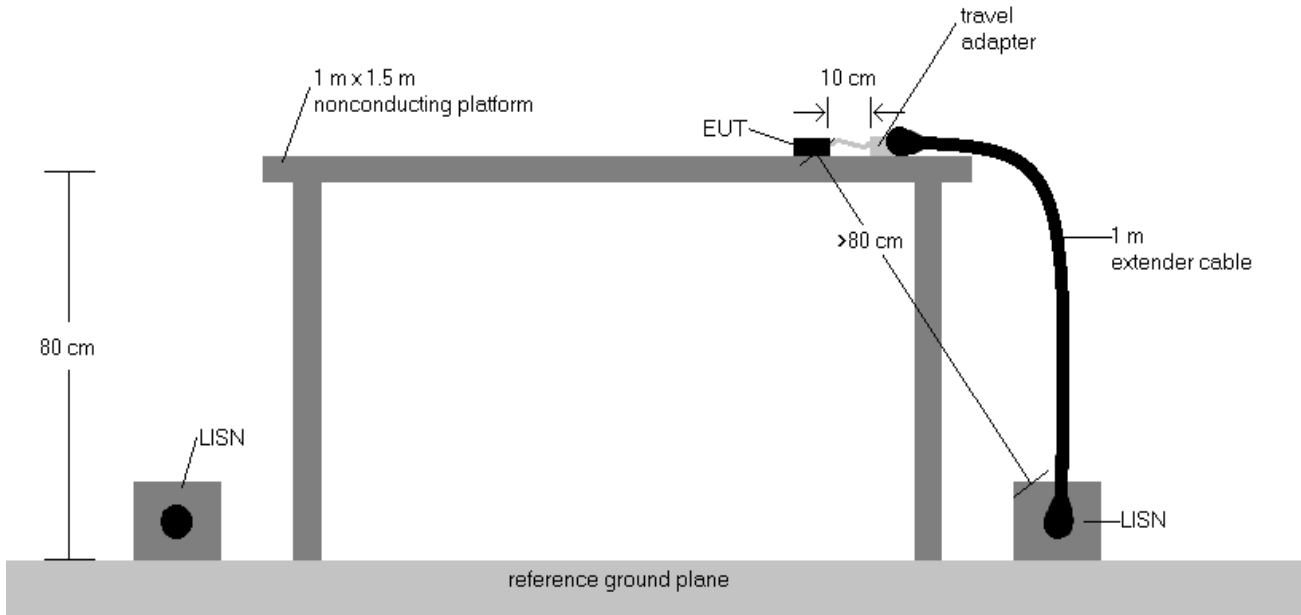


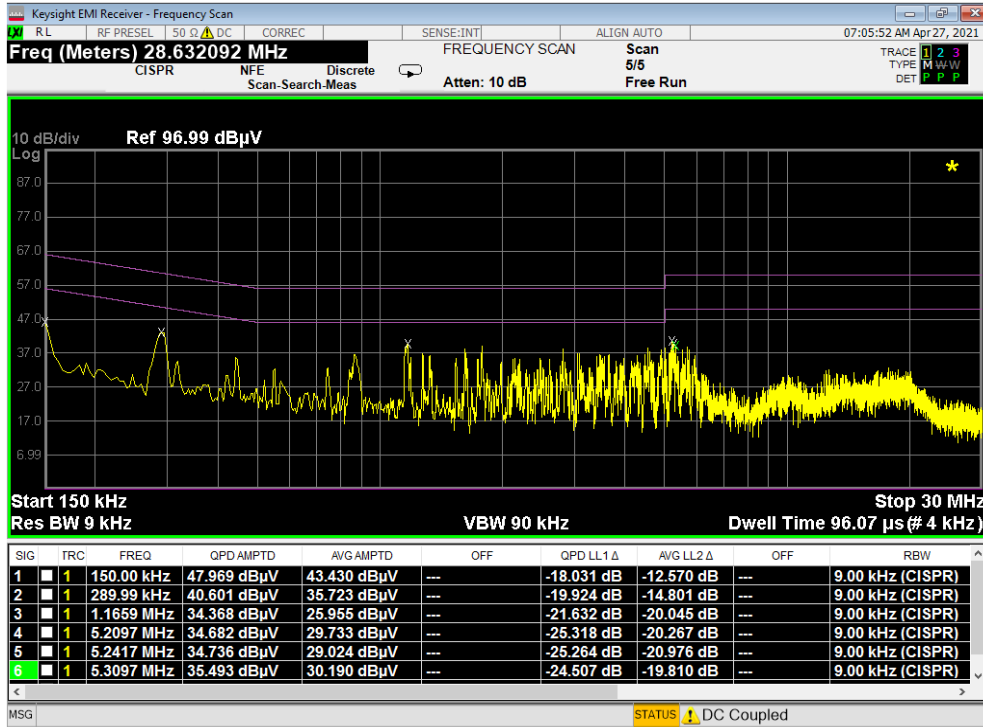
Figure 7-8. Test Instrument & Measurement Setup

Test Notes

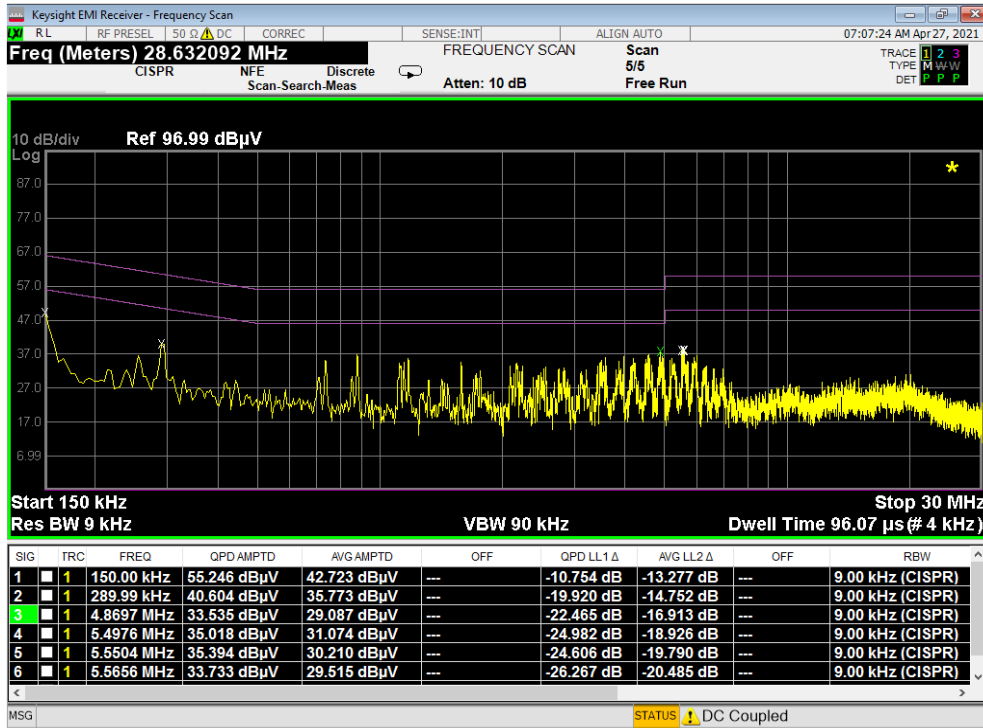
1. All modes of operation were investigated and the worst-case emissions are reported using mid channel. The emissions found were not affected by the choice of channel used during testing.
2. The limit for an intentional radiator from 150kHz to 30MHz are specified in 15.207 and RSS-Gen (8.8).
3. $Corr. (dB) = Cable\ loss (dB) + LISN\ insertion\ factor (dB)$
4. $QP/AV\ Level (dB\mu V) = QP/AV\ Analyzer/Receiver\ Level (dB\mu V) + Corr. (dB)$
5. $Margin (dB) = QP/AV\ Limit (dB\mu V) - QP/AV\ Level (dB\mu V)$
6. Traces shown in plot are made using a peak detector.
7. Deviations to the Specifications: None.

FCC ID: A3LSMF711JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
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Line-Conducted Test

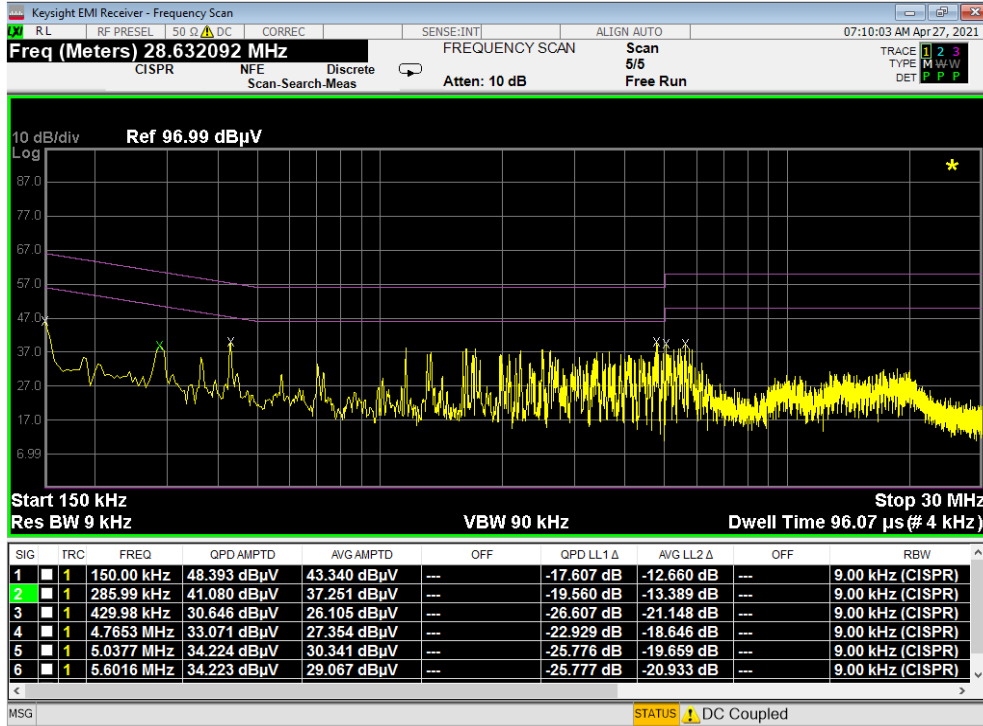


Plot 7-421. Line Conducted Plot with 802.11a UNII Band 1 (L1) - Open

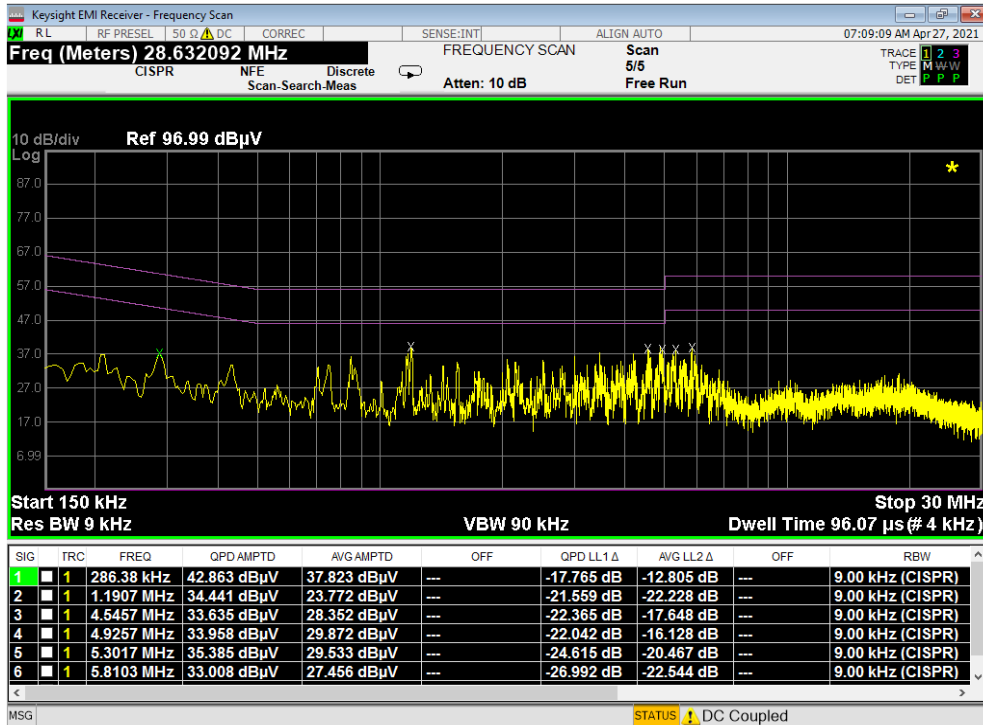


Plot 7-422. Line Conducted Plot with 802.11a UNII Band 1 (N) - Open

FCC ID: A3LSMF711JPN		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 257 of 269

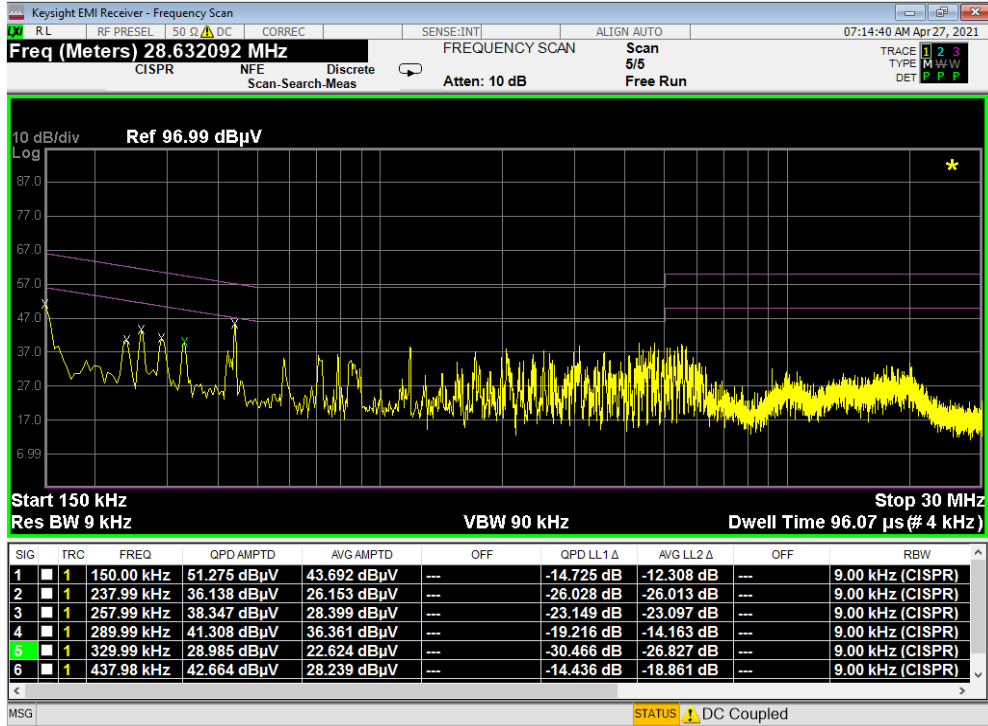


Plot 7-423. Line Conducted Plot with 802.11a UNII Band 2A (L1) - Open

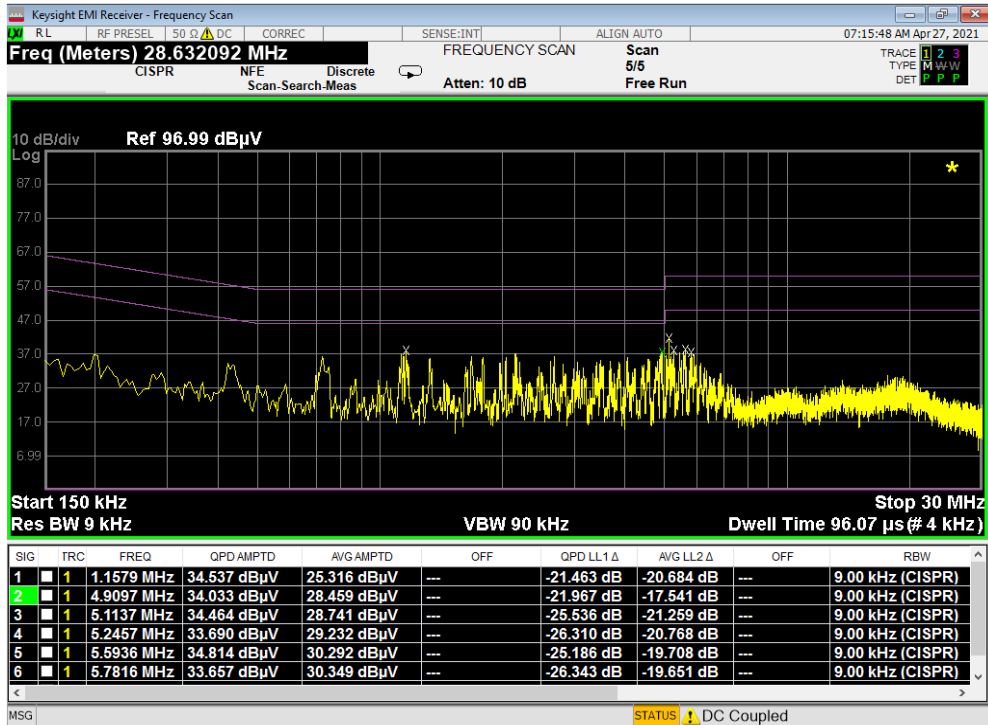


Plot 7-424. Line Conducted Plot with 802.11a UNII Band 2A (N) - Open

FCC ID: A3LSMF711JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 258 of 269

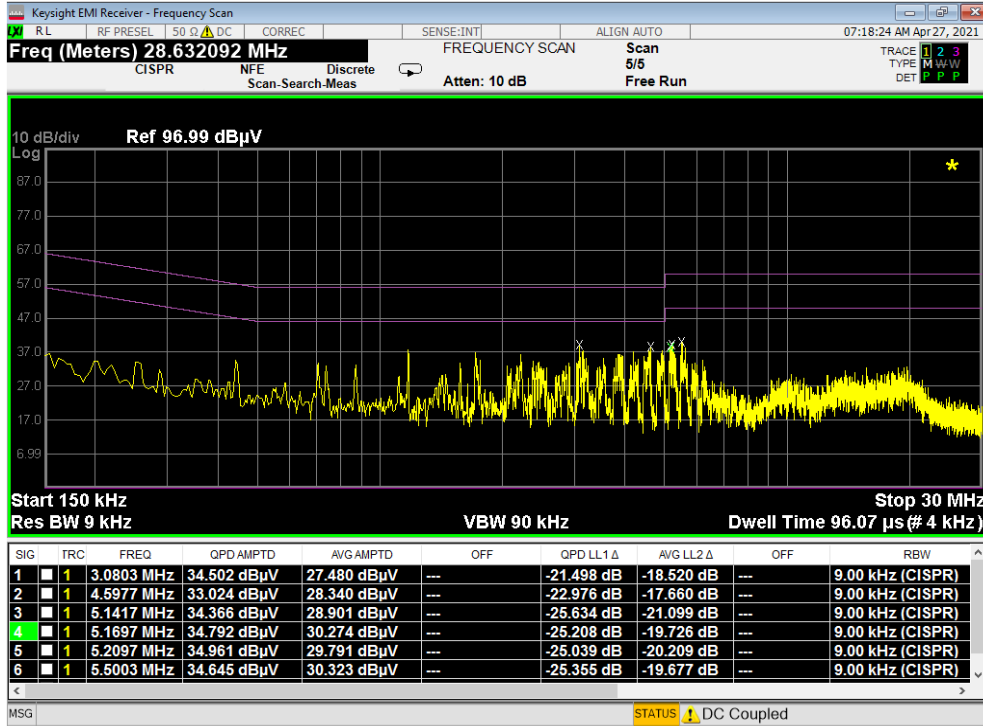


Plot 7-425. Line Conducted Plot with 802.11a UNII Band 2C (L1) - Open

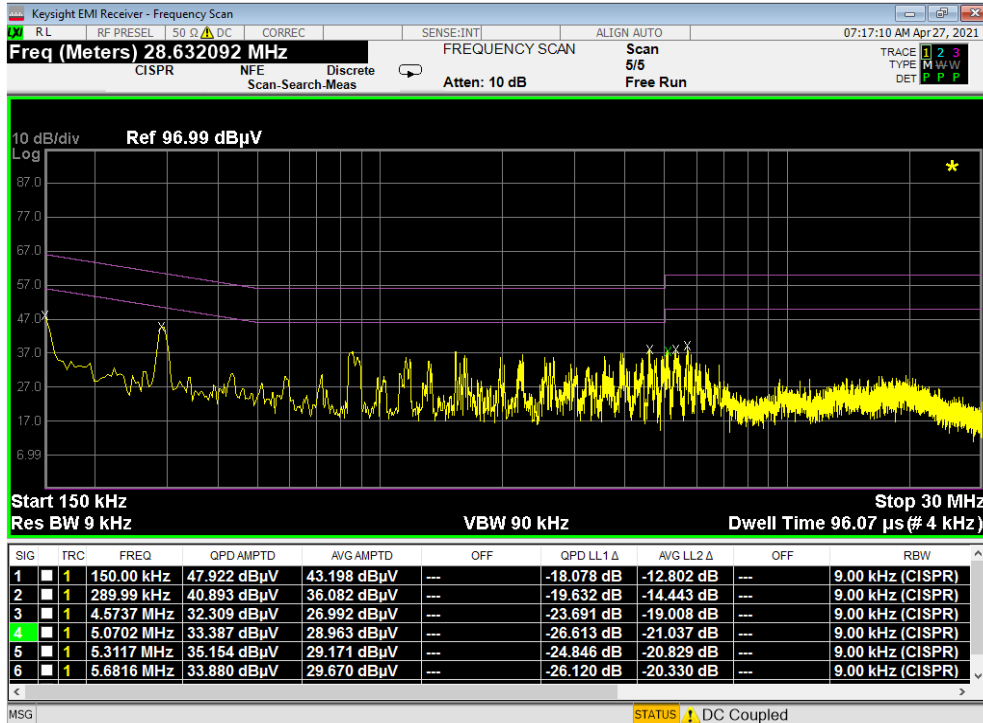


Plot 7-426. Line Conducted Plot with 802.11a UNII Band 2C (N) - Open

FCC ID: A3LSMF711JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
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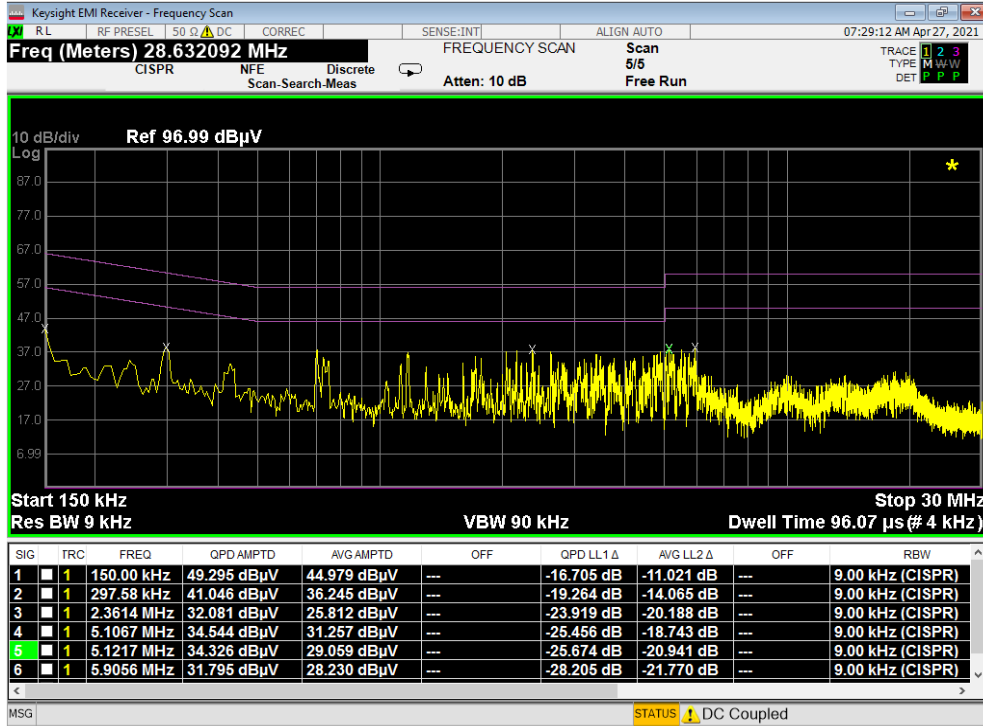


Plot 7-427. Line Conducted Plot with 802.11a UNII Band 3 (L1) - Open

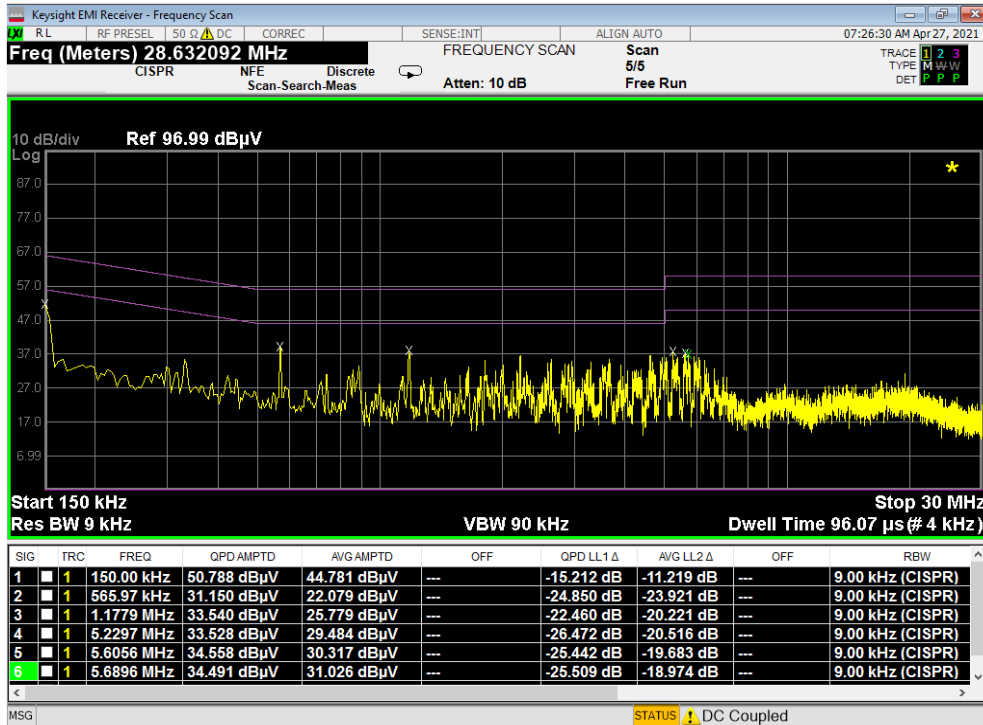


Plot 7-428. Line Conducted Plot with 802.11a UNII Band 3 (N) - Open

FCC ID: A3LSMF711JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
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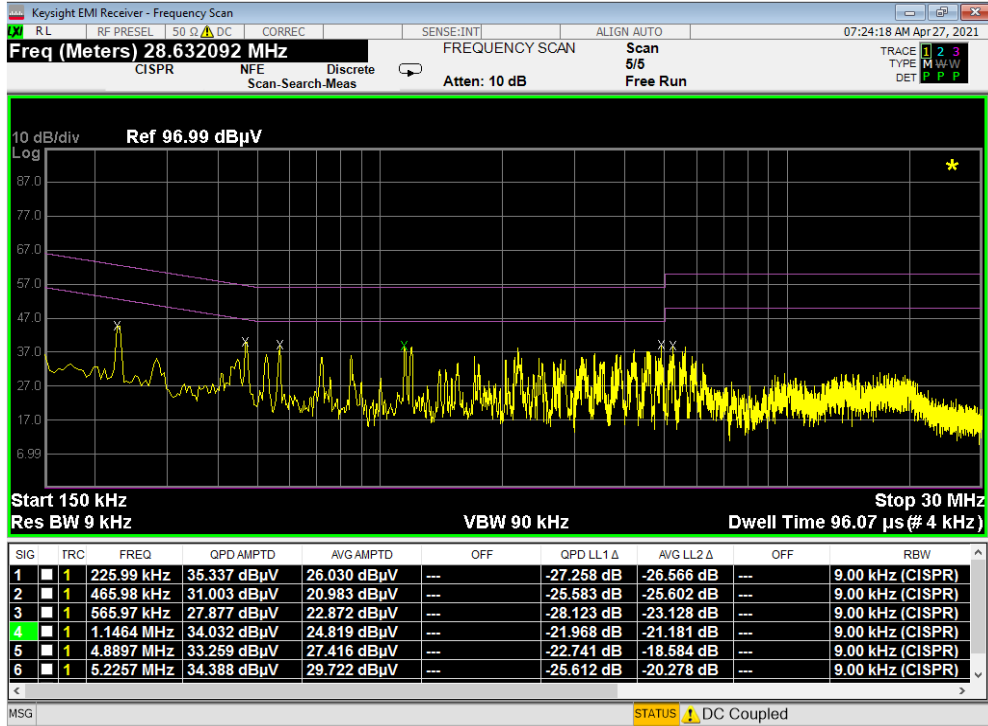


Plot 7-429. Line Conducted Plot with 802.11a UNII Band 1 (L1) - Closed

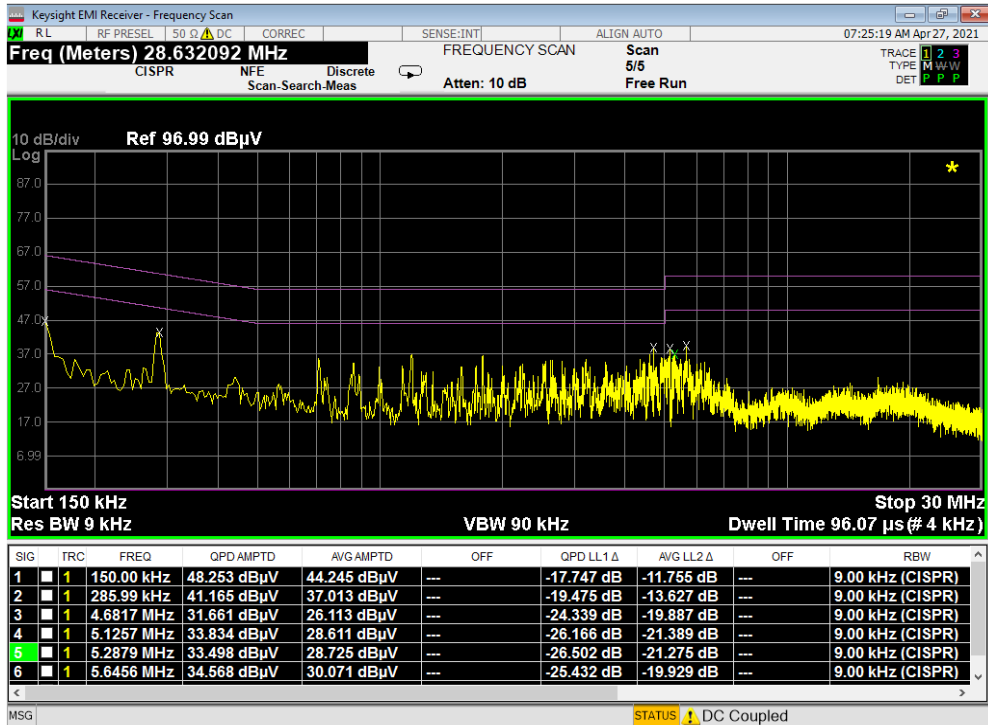


Plot 7-430. Line Conducted Plot with 802.11a UNII Band 1 (N) - Closed

FCC ID: A3LSMF711JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
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Plot 7-431. Line Conducted Plot with 802.11a UNII Band 2A (L1) - Closed



Plot 7-432. Line Conducted Plot with 802.11a UNII Band 2A (N) - Closed

FCC ID: A3LSMF711JPN	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1M2106100066-11.A3L	Test Dates: 04/12/2021-07/16/2021	EUT Type: Portable Handset		Page 262 of 269