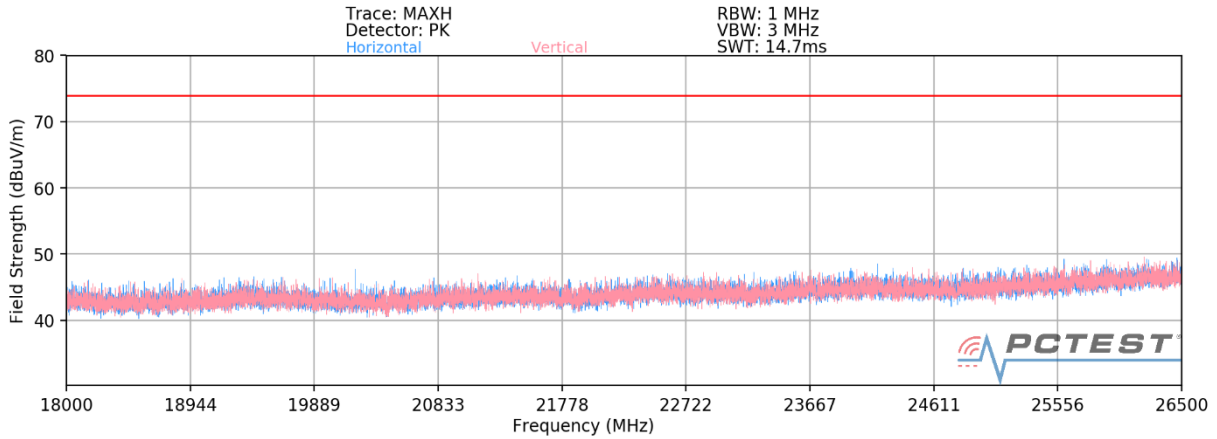
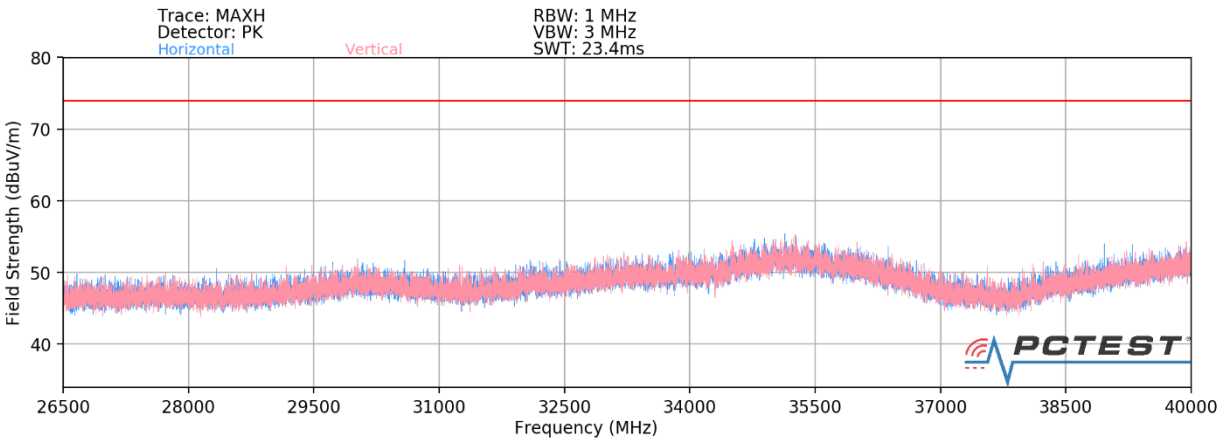


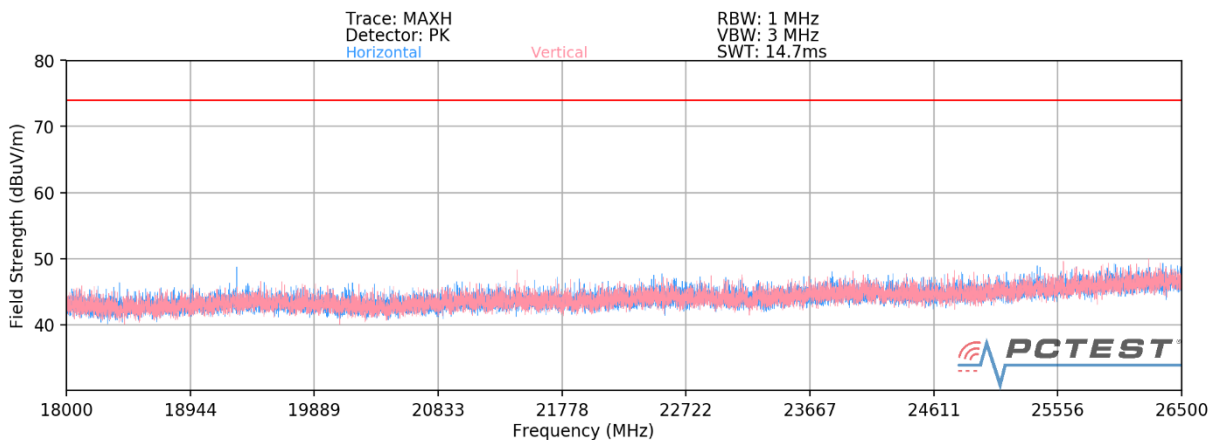
SISO Antenna-1 Radiated Spurious Emissions Measurements (Above 18GHz) - Q



Plot 7-681. Radiated Spurious Plot above 18GHz - 26.5GHz SISO Ant1 Open (802.11a)

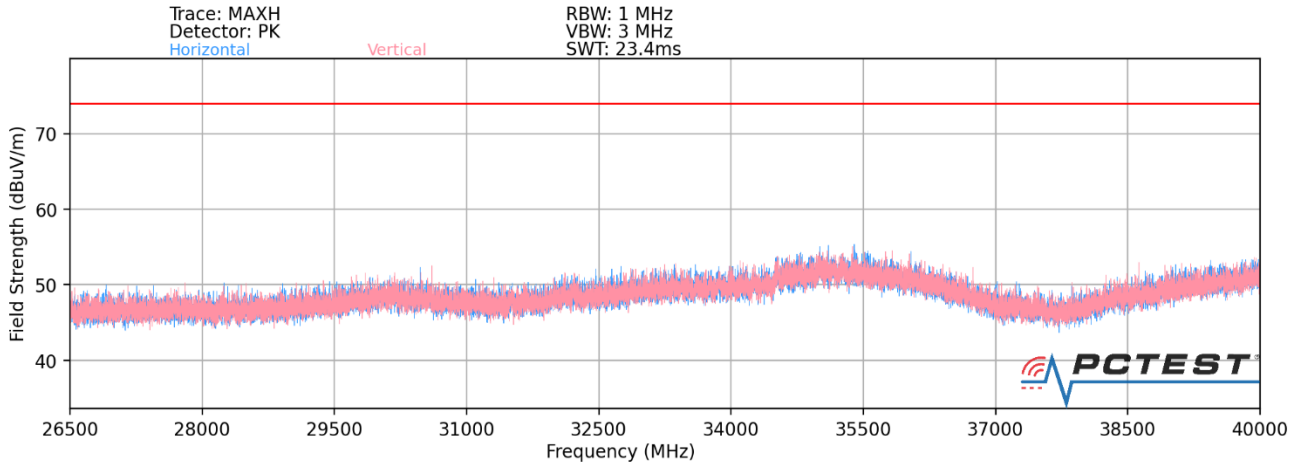


Plot 7-682. Radiated Spurious Plot 26.5GHz - 40GHz SISO Ant1 Open (802.11a)



Plot 7-683. Radiated Spurious Plot above 18GHz - 26.5GHz SISO Ant1 Closed (802.11a)

FCC ID: A3LSMF711B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset		Page 399 of 508



Plot 7-684. Radiated Spurious Plot 26.5GHz - 40GHz SISO Ant1 Closed (802.11a)

FCC ID: A3LSMF711B	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset	Page 400 of 508	

SISO Antenna-1 Radiated Spurious Emission Measurements - Q

§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 7-56. Radiated Measurements SISO ANT1

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 7-57. Radiated Measurements SISO ANT1

FCC ID: A3LSMF711B	 Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset		Page 401 of 508

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 7-58. Radiated Measurements SISO ANT1

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 7-59. Radiated Measurements SISO ANT1

FCC ID: A3LSMF711B	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset	Page 402 of 508	

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 7-60. Radiated Measurements SISO ANT1

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 7-61. Radiated Measurements SISO ANT1

FCC ID: A3LSMF711B	 PCTEST® Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset	Page 403 of 508	

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 7-62. Radiated Measurements SISO ANT1

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 7-63. Radiated Measurements SISO ANT1

FCC ID: A3LSMF711B	 PCTEST® Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset		Page 404 of 508

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 7-64. Radiated Measurements SISO ANT1

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 7-65. Radiated Measurements SISO ANT1

FCC ID: A3LSMF711B	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset		Page 405 of 508

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 7-66. Radiated Measurements SISO ANT1

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 7-67. Radiated Measurements SISO ANT1

FCC ID: A3LSMF711B	 PCTEST® Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset		Page 406 of 508

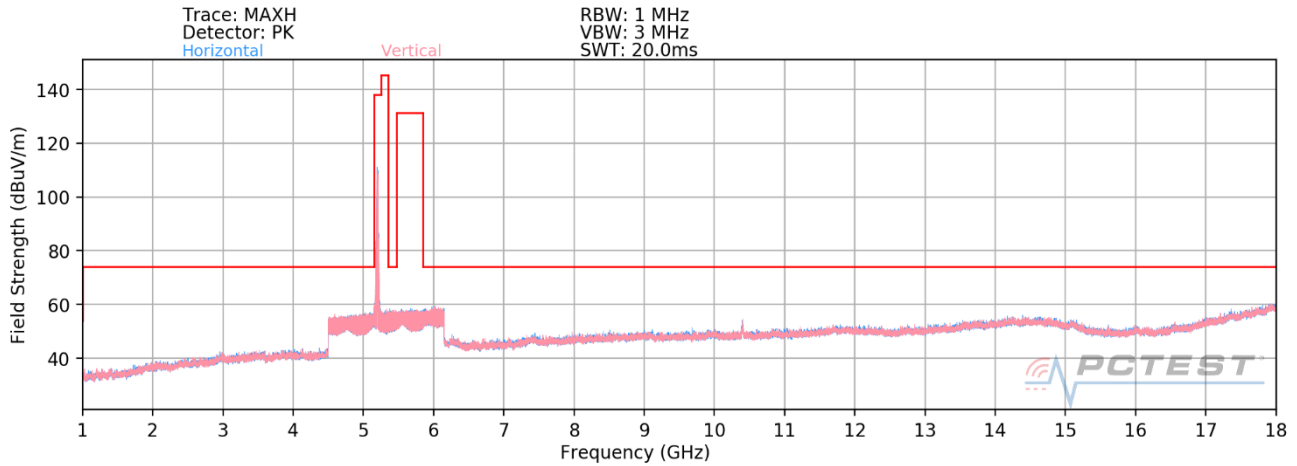
Worst Case Mode: 802.11a
 Worst Case Transfer Rate: 6Mbps
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 5785MHz
 Channel: 157

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

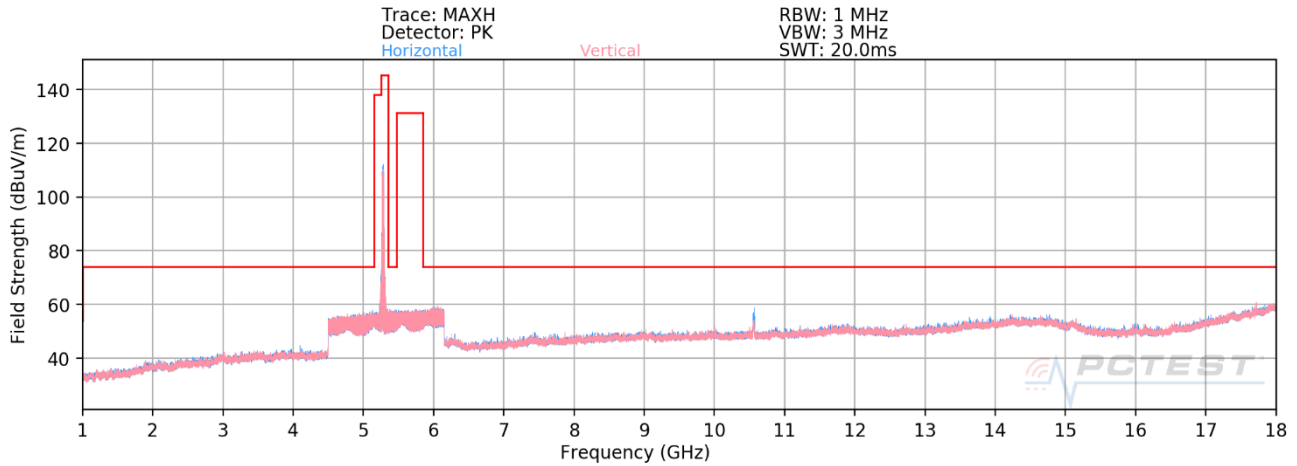
Table 7-68. Radiated Measurements SISO ANT1 with WCP

FCC ID: A3LSMF711B	 PCTEST® Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset		Page 407 of 508

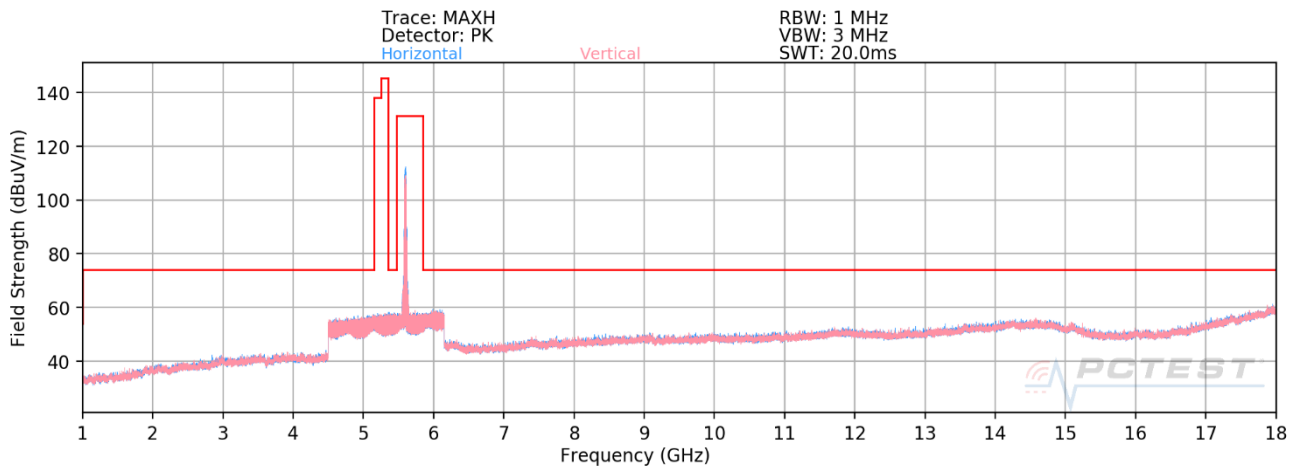
7.6.3 CDD Radiated Spurious Emission Measurements - N



Plot 7-685. Radiated Spurious Plot above 1GHz CDD - Open (802.11a – U1 Ch. 40)

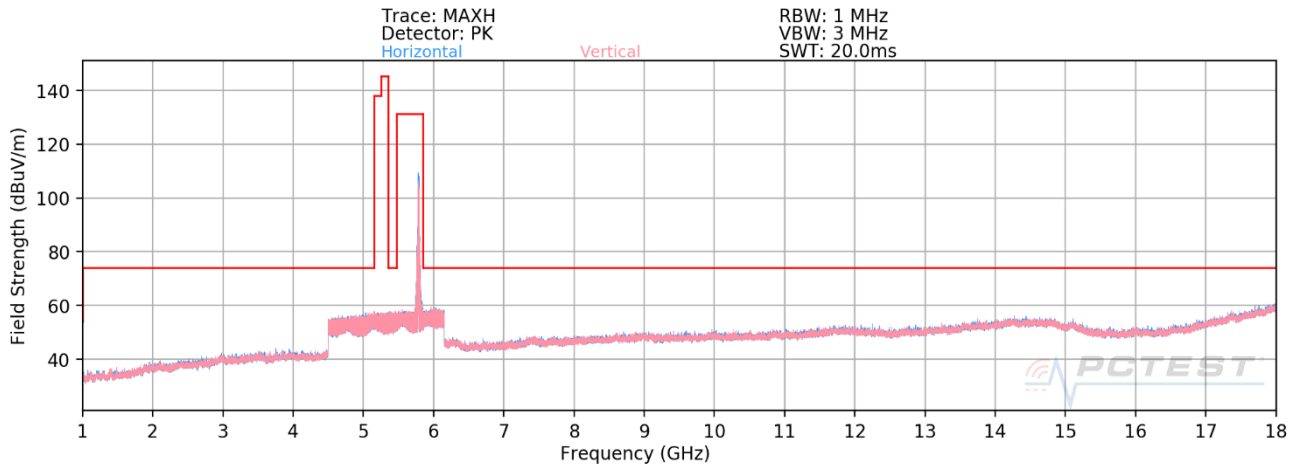


Plot 7-686. Radiated Spurious Plot above 1GHz CDD - Open (802.11a – U2A Ch. 56)

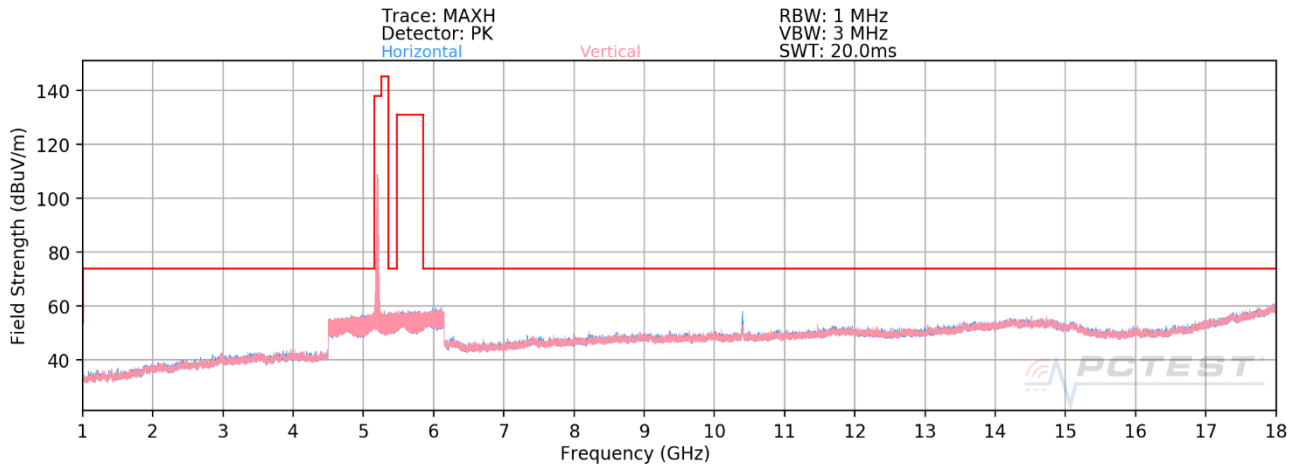


Plot 7-687. Radiated Spurious Plot above 1GHz CDD - Open (802.11a – U2C Ch. 120)

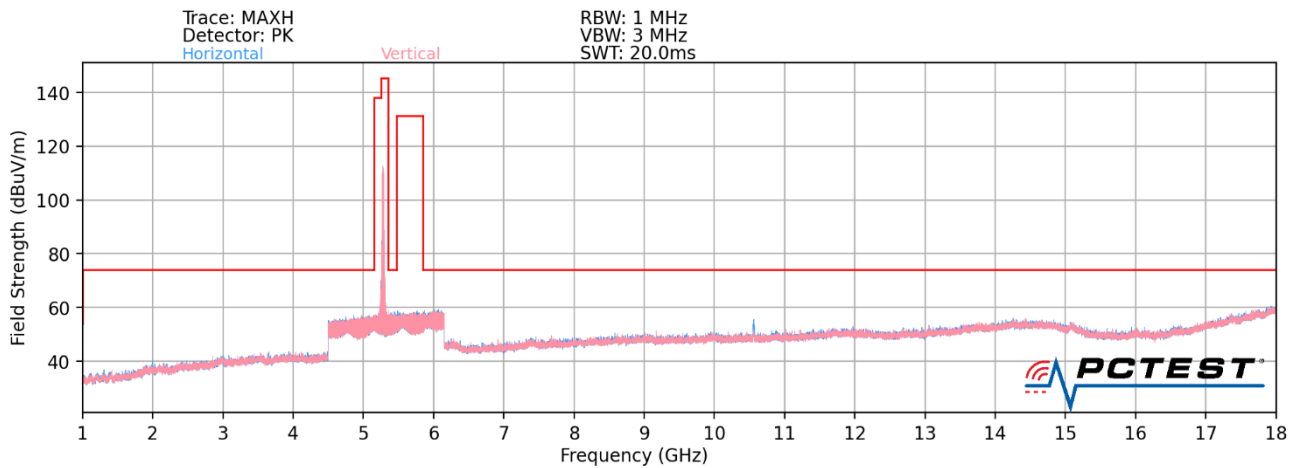
FCC ID: A3LSMF711B	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset		Page 408 of 508



Plot 7-688. Radiated Spurious Plot above 1GHz CDD - Open (802.11a – U3 Ch. 157)

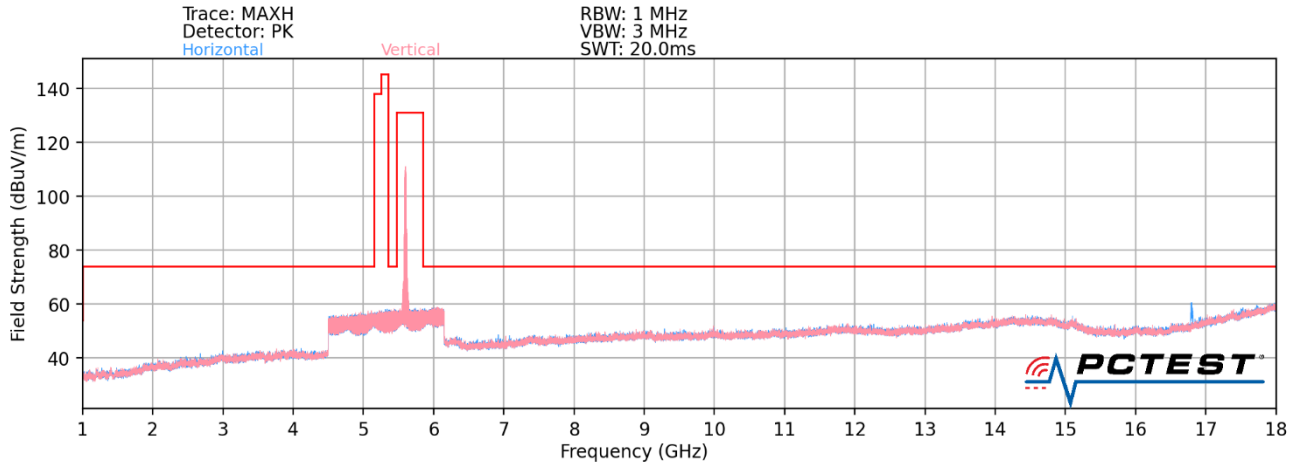


Plot 7-689. Radiated Spurious Plot above 1GHz CDD - Closed (802.11a – U1 Ch. 40)

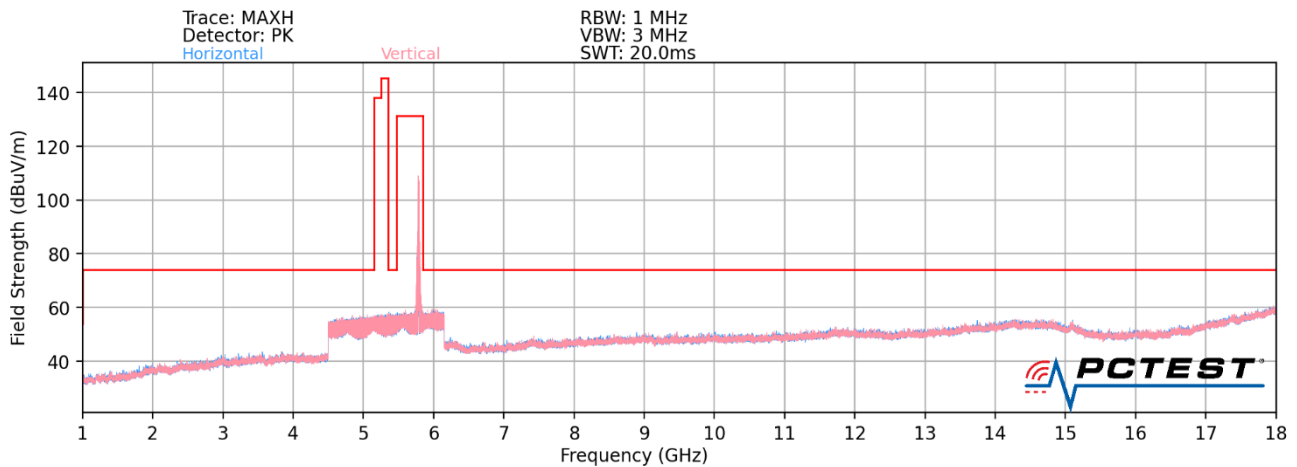


Plot 7-690. Radiated Spurious Plot above 1GHz CDD - Closed (802.11a – U2A Ch. 56)

FCC ID: A3LSMF711B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset	Page 409 of 508	



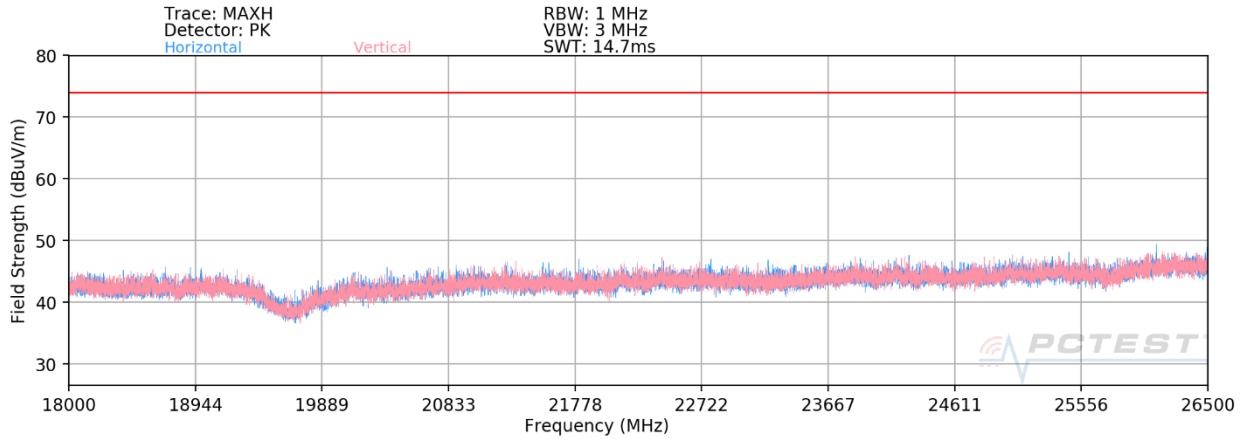
Plot 7-691. Radiated Spurious Plot above 1GHz CDD - Closed (802.11a – U2C Ch. 120)



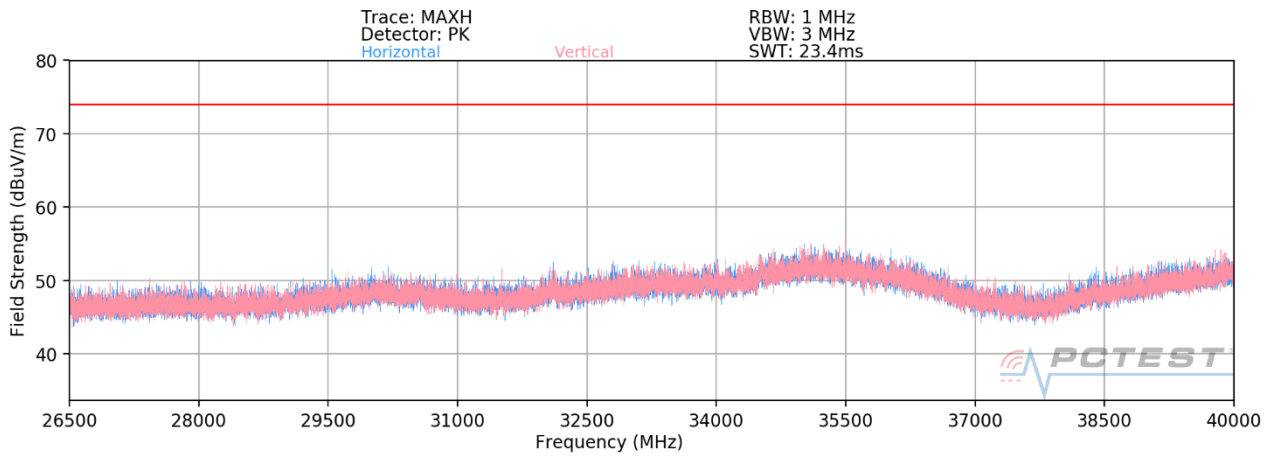
Plot 7-692. Radiated Spurious Plot above 1GHz CDD - Closed (802.11a – U3 Ch. 157)

<p>FCC ID: A3LSMF711B</p>	 <p>Proud to be part of </p>	<p>MEASUREMENT REPORT (CERTIFICATION)</p>		<p>Approved by: Technical Manager</p>
<p>Test Report S/N: 1M2104130035-12.A3L</p>	<p>Test Dates: 04/12/2021 - 06/04/2021</p>	<p>EUT Type: Portable Handset</p>	<p>Page 410 of 508</p>	

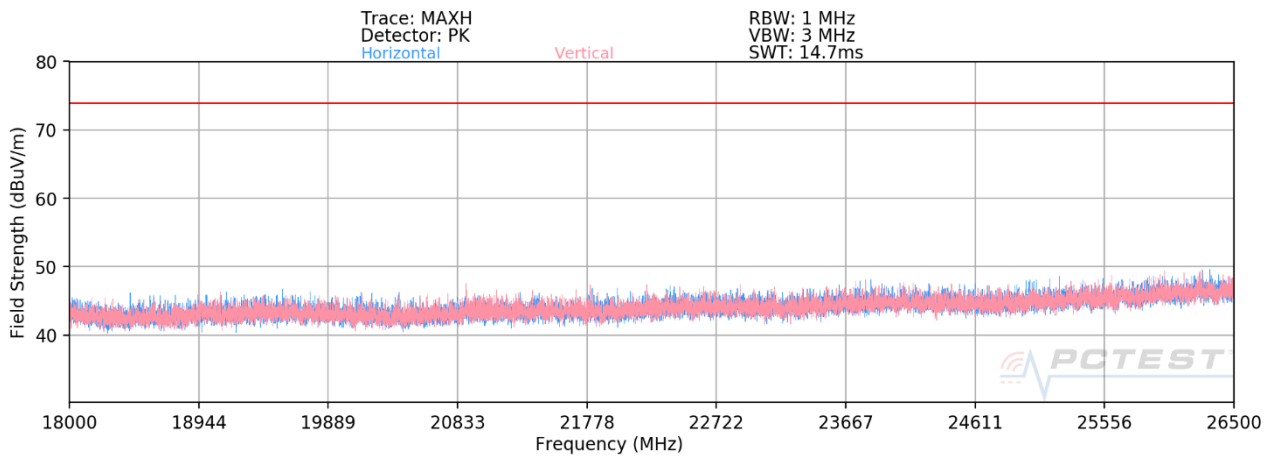
CDD Radiated Spurious Emissions Measurements (Above 18GHz) – N



Plot 7-693. Radiated Spurious Plot 18GHz - 26.5GHz CDD - Open (802.11a)

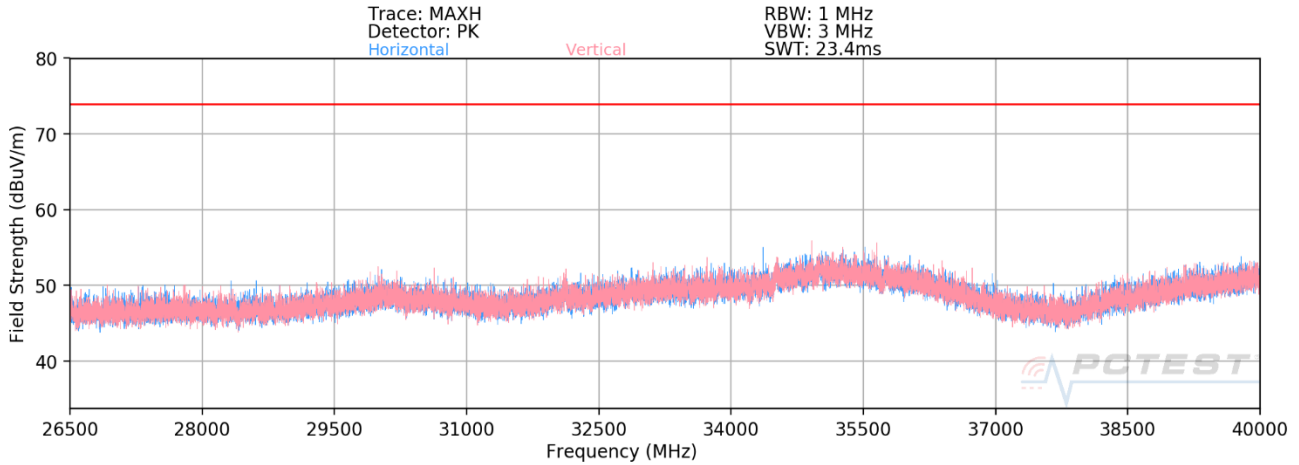


Plot 7-694. Radiated Spurious Plot 26.5GHz - 40GHz CDD - Open (802.11a)



Plot 7-695. Radiated Spurious Plot 18GHz - 26.5GHz CDD - Closed (802.11a)

FCC ID: A3LSMF711B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset	Page 411 of 508	



Plot 7-696. Radiated Spurious Plot 26.5GHz - 40GHz CDD - Closed (802.11a)

FCC ID: A3LSMF711B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset	Page 412 of 508	

CDD Radiated Spurious Emission Measurements - N

§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	199	71	-58.69	12.12	0.00	60.43	68.20	-7.77
* 15540.00	Average	H	172	346	-74.55	13.39	0.00	45.84	53.98	-8.14
* 15540.00	Peak	H	172	346	-66.05	13.39	0.00	54.34	73.98	-19.64
* 20720.00	Average	H	-	-	-65.99	4.48	-9.54	35.95	53.98	-18.03
* 20720.00	Peak	H	-	-	-54.42	4.48	-9.54	47.52	73.98	-26.46
25900.00	Peak	H	-	-	-55.73	6.92	-9.54	48.64	68.20	-19.56

Table 7-69. Radiated Measurements CDD

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	193	70	-58.40	11.58	0.00	60.18	68.20	-8.02
* 15600.00	Average	H	254	347	-72.09	14.08	0.00	48.99	53.98	-4.99
* 15600.00	Peak	H	254	347	-64.90	14.08	0.00	56.18	73.98	-17.80
* 20800.00	Average	H	-	-	-66.04	4.88	-9.54	36.30	53.98	-17.68
* 20800.00	Peak	H	-	-	-55.50	4.88	-9.54	46.84	73.98	-27.14
26000.00	Peak	H	-	-	-55.71	7.10	-9.54	48.85	68.20	-19.35

Table 7-70. Radiated Measurements CDD

FCC ID: A3LSMF711B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset		Page 413 of 508

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	195	70	-59.31	12.38	0.00	60.07	68.20	-8.13
* 15720.00	Average	H	-78	345	-70.60	13.91	0.00	50.31	53.98	-3.67
* 15720.00	Peak	H	-78	345	-62.04	13.91	0.00	58.87	73.98	-15.11
* 20960.00	Average	H	-	-	-66.68	5.01	-9.54	35.78	53.98	-18.20
* 20960.00	Peak	H	-	-	-56.44	5.01	-9.54	46.02	73.98	-27.96
26200.00	Peak	H	-	-	-54.50	6.99	-9.54	49.94	68.20	-18.26

Table 7-71. Radiated Measurements CDD

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	193	334	-60.63	12.34	0.00	58.71	68.20	-9.49
* 15780.00	Average	H	155	295	-75.03	13.58	0.00	45.55	53.98	-8.43
* 15780.00	Peak	H	155	295	-69.02	13.58	0.00	51.56	73.98	-22.42
* 21040.00	Average	H	-	-	-66.25	4.89	-9.54	36.09	53.98	-17.89
* 21040.00	Peak	H	-	-	-56.03	4.89	-9.54	46.31	73.98	-27.67
26300.00	Peak	H	-	-	-55.44	7.06	-9.54	49.08	68.20	-19.12

Table 7-72. Radiated Measurements CDD

FCC ID: A3LSMF711B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset		Page 414 of 508

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	176	337	-60.69	12.03	0.00	58.34	68.20	-9.86
* 15840.00	Average	H	177	343	-71.11	13.60	0.00	49.49	53.98	-4.49
* 15840.00	Peak	H	177	343	-63.58	13.60	0.00	57.02	73.98	-16.96
* 21120.00	Average	H	-	-	-66.49	5.08	-9.54	36.05	53.98	-17.93
* 21120.00	Peak	H	-	-	-56.01	5.08	-9.54	46.53	73.98	-27.45
26400.00	Peak	H	-	-	-54.73	7.43	-9.54	50.16	68.20	-18.04

Table 7-73. Radiated Measurements CDD

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	171	335	-68.97	12.39	0.00	50.42	53.98	-3.56
* 10640.00	Peak	H	171	335	-60.69	12.39	0.00	58.70	73.98	-15.28
* 15960.00	Average	H	183	347	-73.88	14.52	0.00	47.64	53.98	-6.34
* 15960.00	Peak	H	183	347	-64.06	14.52	0.00	57.46	73.98	-16.52
* 21280.00	Average	H	-	-	-66.52	5.14	-9.54	36.07	53.98	-17.91
* 21280.00	Peak	H	-	-	-55.72	5.14	-9.54	46.87	73.98	-27.11
26600.00	Peak	H	-	-	-55.02	7.21	-9.54	49.65	68.20	-18.55

Table 7-74. Radiated Measurements CDD

FCC ID: A3LSMF711B	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset		Page 415 of 508

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	153	338	-71.11	12.79	0.00	48.68	53.98	-5.29
* 11000.00	Peak	H	153	338	-65.35	12.79	0.00	54.44	73.98	-19.53
16500.00	Peak	H	176	350	-58.48	15.02	0.00	63.54	68.20	-4.66
22000.00	Peak	H	-	-	-56.54	5.16	-9.54	46.07	68.20	-22.13
27500.00	Peak	H	-	-	-55.89	7.69	-9.54	49.26	68.20	-18.94

Table 7-75. Radiated Measurements CDD

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	163	338	-72.23	12.86	0.00	47.63	53.98	-6.35
* 11200.00	Peak	H	163	338	-66.70	12.86	0.00	53.16	73.98	-20.82
16800.00	Peak	H	164	353	-58.35	15.52	0.00	64.17	68.20	-4.03
* 22400.00	Average	H	-	-	-65.80	5.45	-9.54	37.10	53.98	-16.88
* 22400.00	Peak	H	-	-	-55.70	5.45	-9.54	47.20	73.98	-26.78
28000.00	Peak	H	-	-	-55.81	7.99	-9.54	49.64	68.20	-18.56

Table 7-76. Radiated Measurements CDD

FCC ID: A3LSMF711B	 PCTEST® Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset	Page 416 of 508	

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	228	320	-74.34	13.08	0.00	45.74	53.98	-8.24
* 11440.00	Peak	H	228	320	-68.47	13.08	0.00	51.61	73.98	-22.37
17160.00	Peak	H	158	354	-62.91	17.81	0.00	61.90	68.20	-6.30
* 22880.00	Average	H	-	-	-65.85	5.43	-9.54	37.03	53.98	-16.95
* 22880.00	Peak	H	-	-	-55.19	5.43	-9.54	47.69	73.98	-26.29
28600.00	Peak	H	-	-	-56.80	8.29	-9.54	48.95	68.20	-19.25

Table 7-77. Radiated Measurements CDD

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]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11490.00	Average	H	150	336	-73.96	13.64	46.68	53.98	-7.30
* 11490.00	Peak	H	150	336	-69.08	13.64	51.56	73.98	-22.42
17235.00	Peak	H	173	352	-62.53	17.96	62.43	68.20	-5.77
* 22980.00	Average	H	-	-	-66.03	5.29	36.72	53.98	-17.26
* 22980.00	Peak	H	-	-	-55.54	5.29	47.21	73.98	-26.77
28725.00	Peak	H	-	-	-55.62	8.24	50.08	69.20	-19.12

Table 7-78. Radiated Measurements CDD

FCC ID: A3LSMF711B	 PCTEST® Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset		Page 417 of 508

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]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11570.00	Average	H	168	333	-74.22	13.36	46.14	53.98	-7.84
* 11570.00	Peak	H	168	333	-67.95	13.36	52.41	73.98	-21.57
17355.00	Peak	H	168	351	-66.99	20.01	60.02	68.20	-8.18
23140.00	Peak	H	-	-	-55.46	5.34	47.33	68.20	-20.87
28925.00	Peak	H	-	-	-56.22	8.48	49.71	68.20	-18.49

Table 7-79. Radiated Measurements CDD

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]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11650.00	Average	H	-	-	-78.03	14.11	43.08	53.98	-10.90
* 11650.00	Peak	H	-	-	-69.09	14.11	52.02	73.98	-21.96
17475.00	Peak	H	148	355	-68.84	18.91	57.07	68.20	-11.13
23300.00	Peak	H	-	-	-55.32	5.29	47.42	68.20	-20.78
29125.00	Peak	H	-	-	-56.10	8.49	49.85	68.20	-18.35

Table 7-80. Radiated Measurements CDD

FCC ID: A3LSMF711B	 PCTEST® Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset		Page 418 of 508

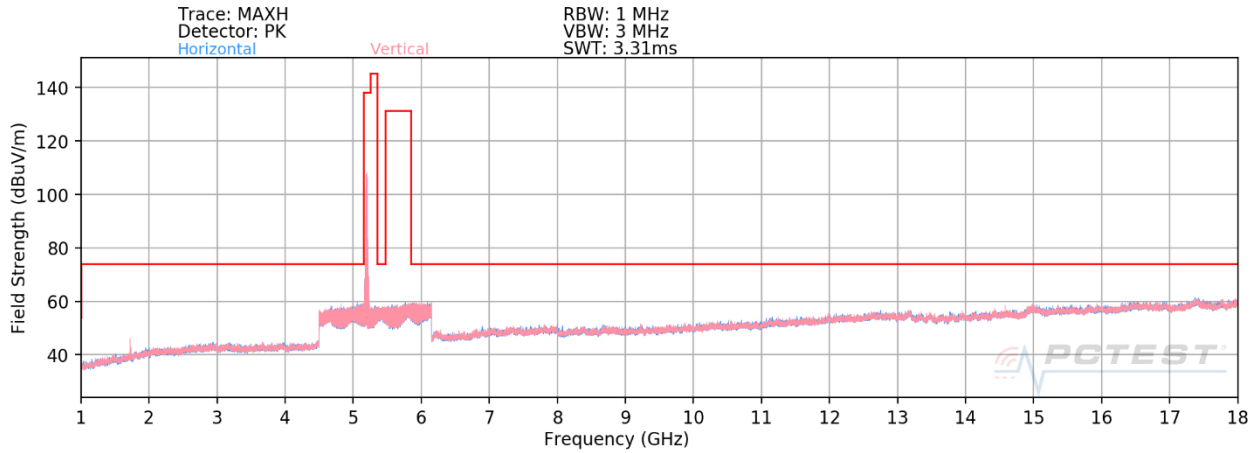
Worst Case Mode: 802.11a
 Worst Case Transfer Rate: 6Mbps
 Distance of Measurements: 1 & 3 Meters
 Operating Frequency: 5825MHz
 Channel: 165

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	-	-	-77.44	14.11	0.00	43.67	53.98	-10.31
11650.00	Peak	H	-	-	-68.90	14.11	0.00	52.21	73.98	-21.77
17475.00	Peak	H	171	190	-67.45	18.91	0.00	58.46	68.20	-9.74
23300.00	Peak	H	-	-	-59.06	5.29	-9.54	43.68	68.20	-24.52
29125.00	Peak	H	-	-	-59.25	8.49	-9.54	46.71	68.20	-21.49

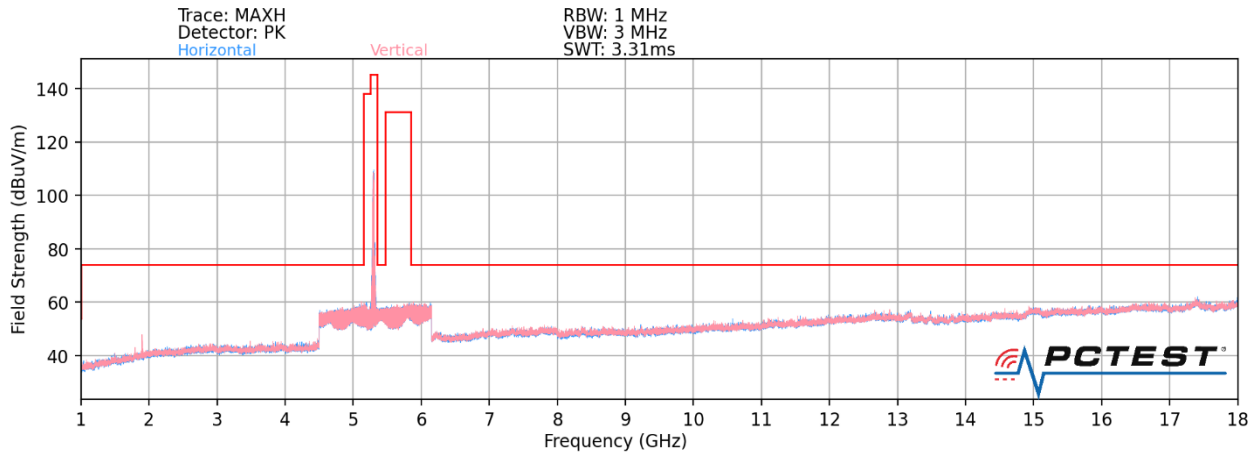
Table 7-81. Radiated Measurements CDD with WCP

FCC ID: A3LSMF711B	 PCTEST® Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset		Page 419 of 508

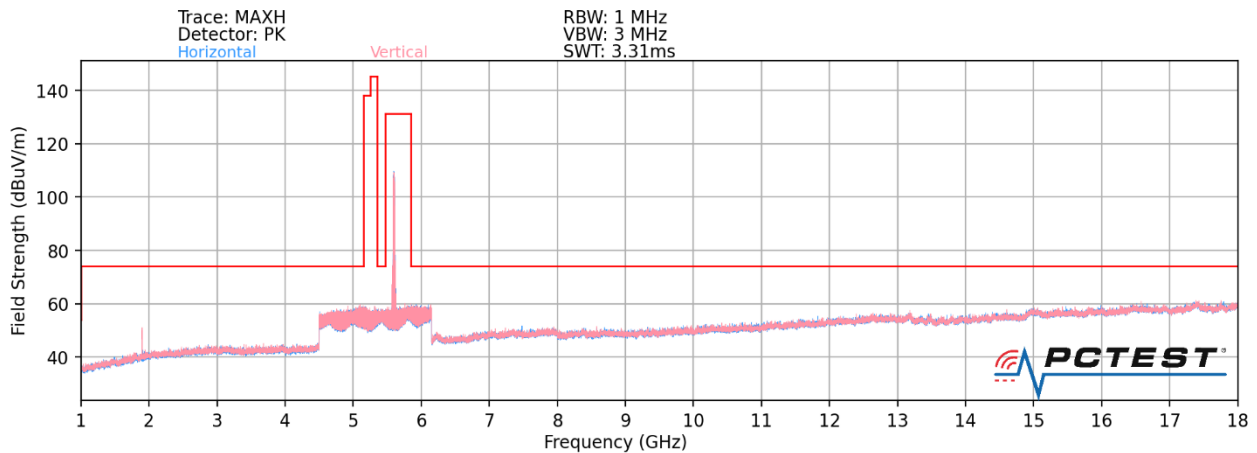
7.6.4 CDD Radiated Spurious Emission Measurements - Q



Plot 7-697. Radiated Spurious Plot above 1GHz CDD Open (802.11a – U1 Ch. 40)

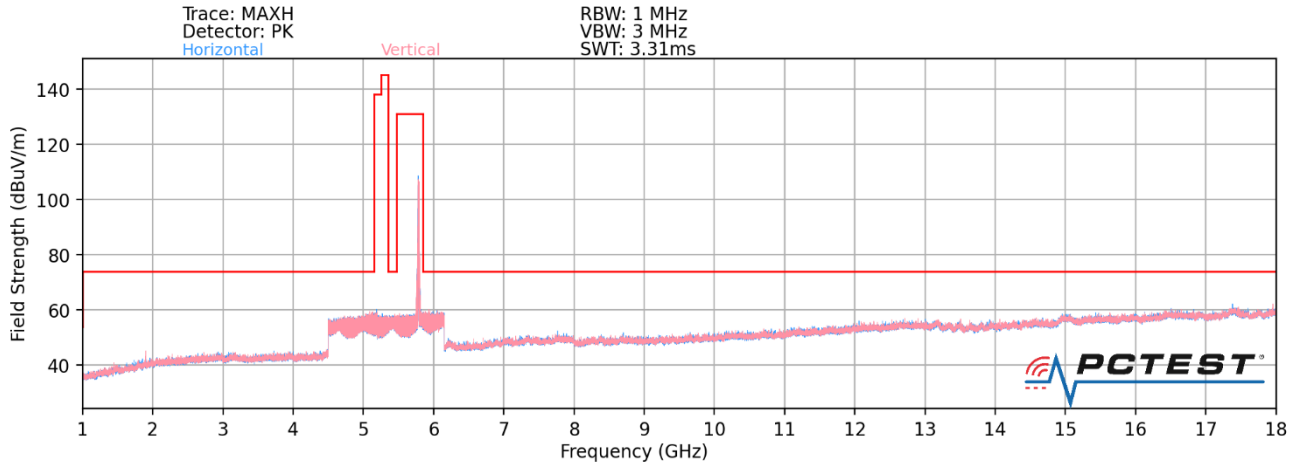


Plot 7-698. Radiated Spurious Plot above 1GHz CDD Open (802.11a – U2A Ch. 56)

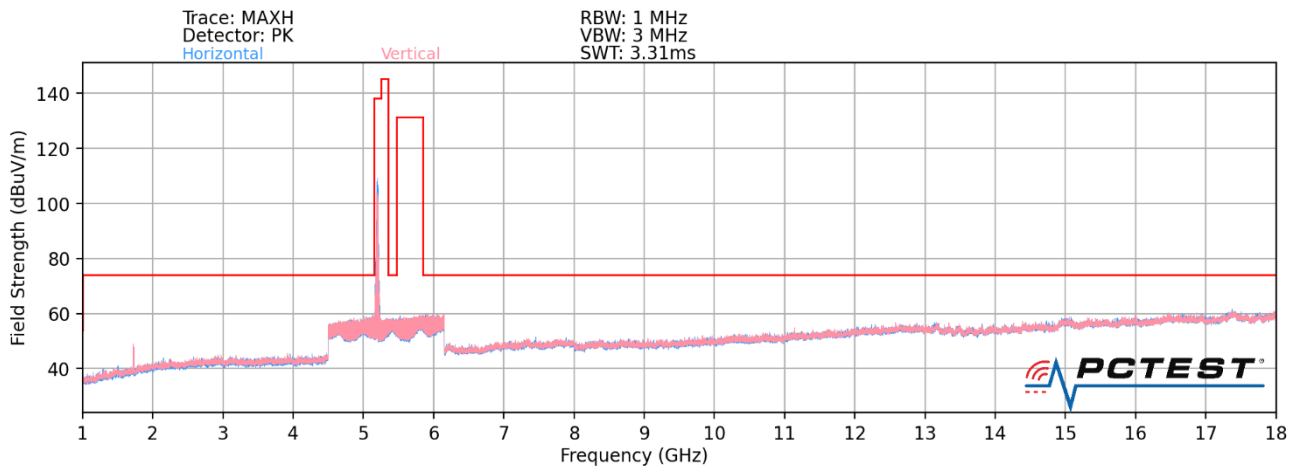


Plot 7-699. Radiated Spurious Plot above 1GHz CDD Open (802.11a – U2C Ch. 120)

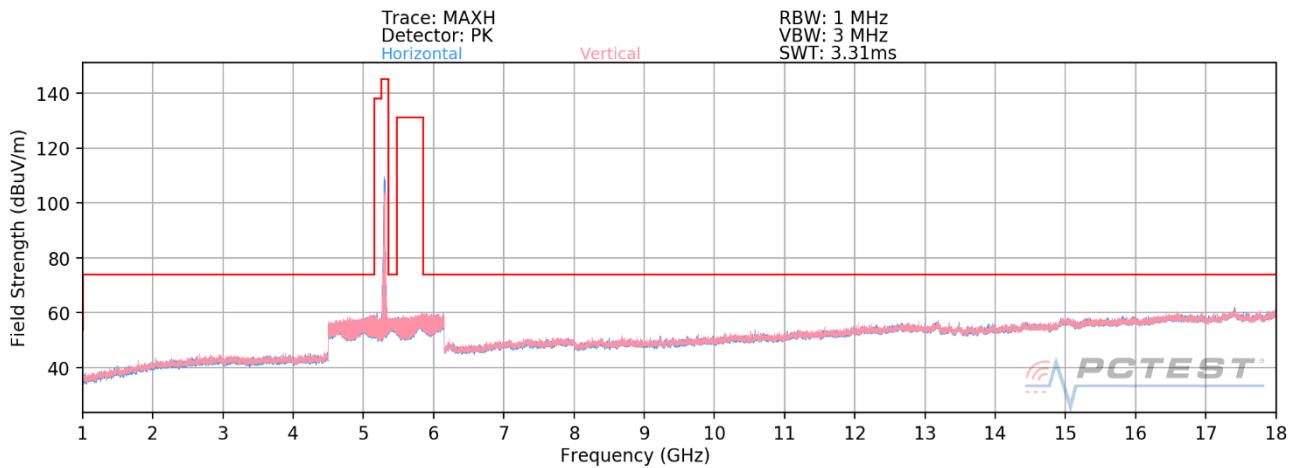
FCC ID: A3LSMF711B		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset	Page 420 of 508



Plot 7-700. Radiated Spurious Plot above 1GHz CDD Open (802.11a – U3 Ch. 157)

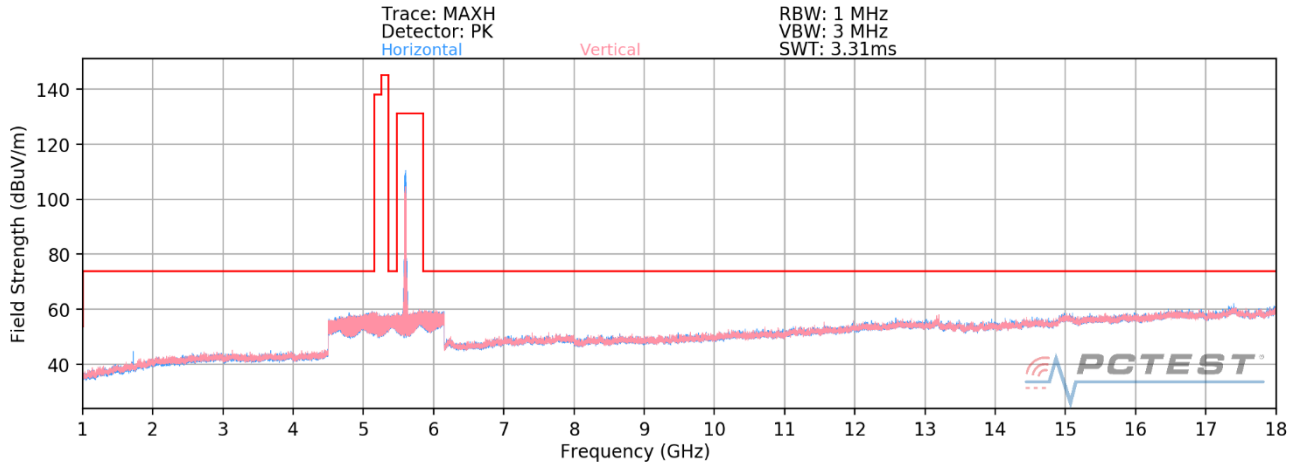


Plot 7-701. Radiated Spurious Plot above 1GHz CDD Closed (802.11a – U1 Ch. 40)

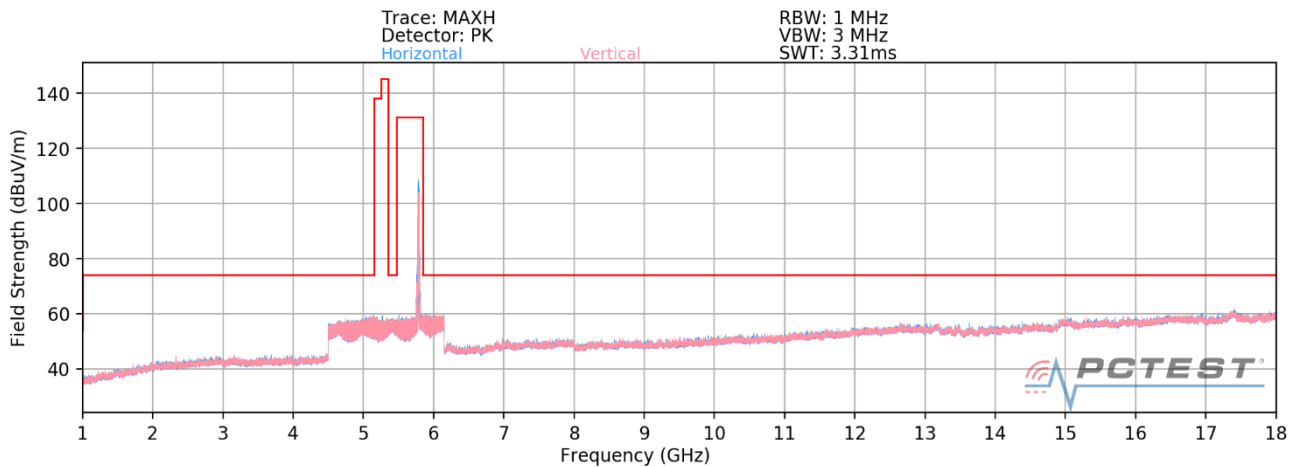


Plot 7-702. Radiated Spurious Plot above 1GHz CDD Closed (802.11a – U2A Ch. 56)

FCC ID: A3LSMF711B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset	Page 421 of 508	



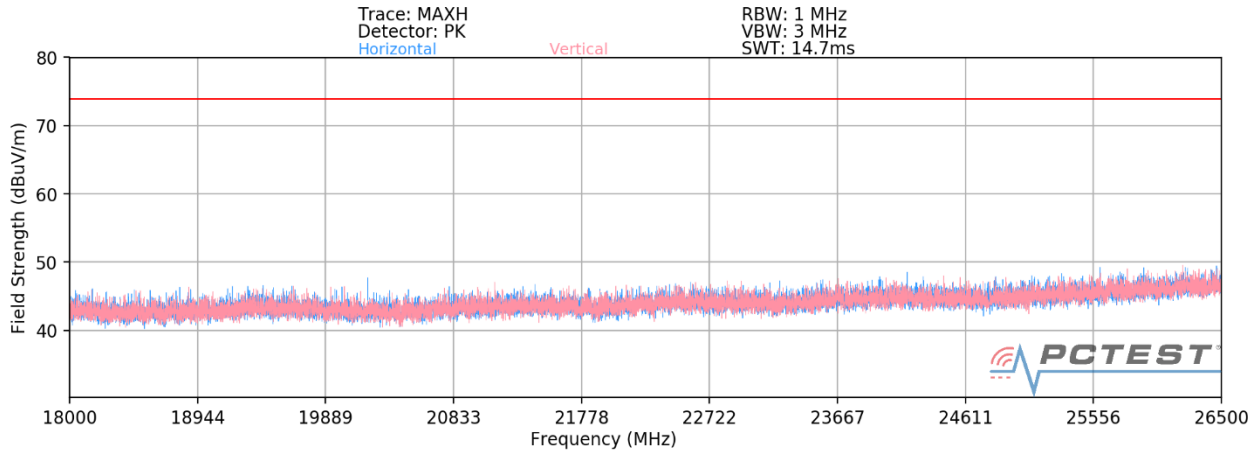
Plot 7-703. Radiated Spurious Plot above 1GHz CDD Closed (802.11a – U2C Ch. 120)



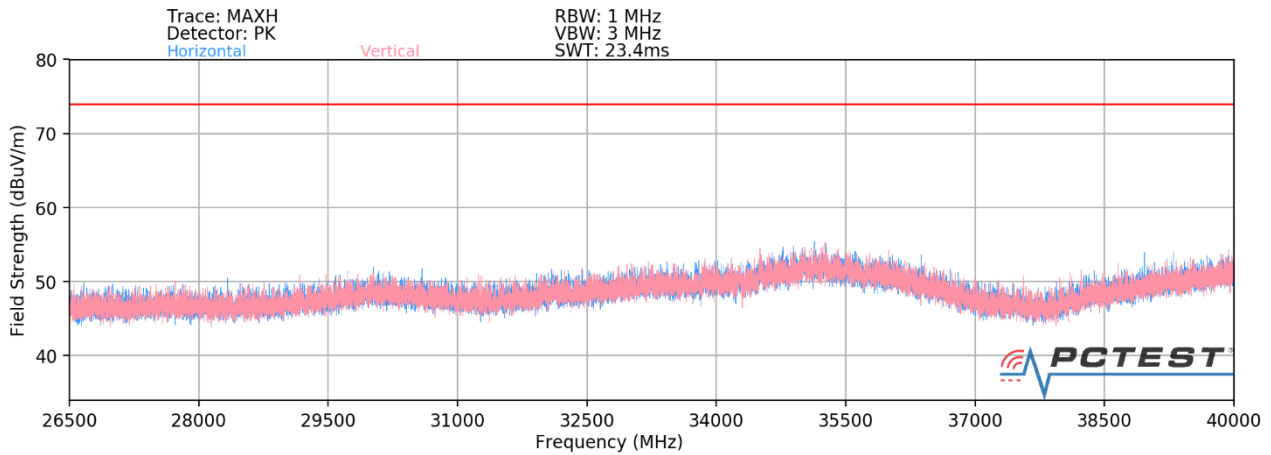
Plot 7-704. Radiated Spurious Plot above 1GHz CDD Closed (802.11a – U3 Ch. 157)

FCC ID: A3LSMF711B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset	Page 422 of 508	

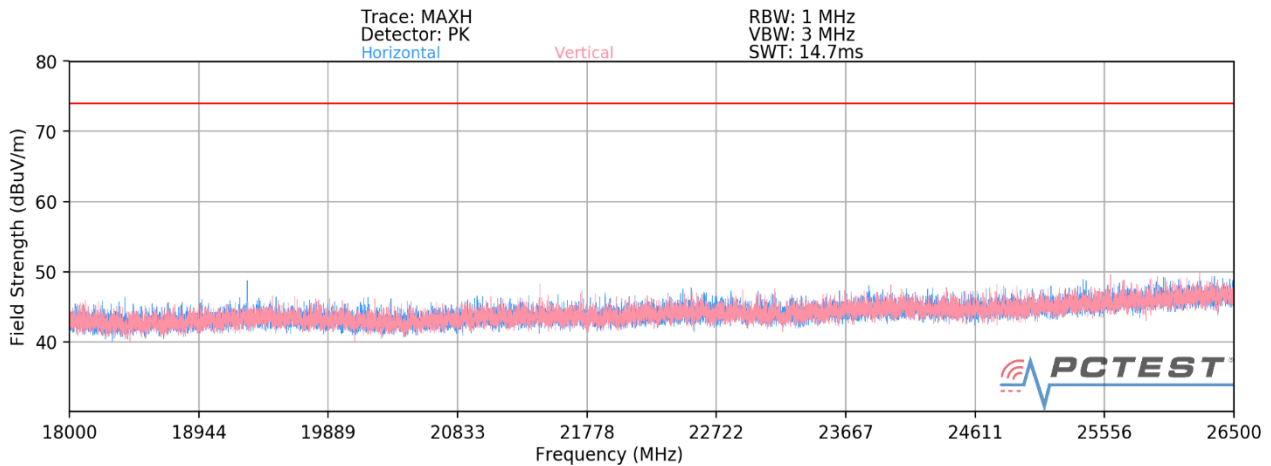
CDD Radiated Spurious Emissions Measurements (Above 18GHz) - Q



Plot 7-705. Radiated Spurious Plot above 18GHz - 26.5GHz CDD Open (802.11a)

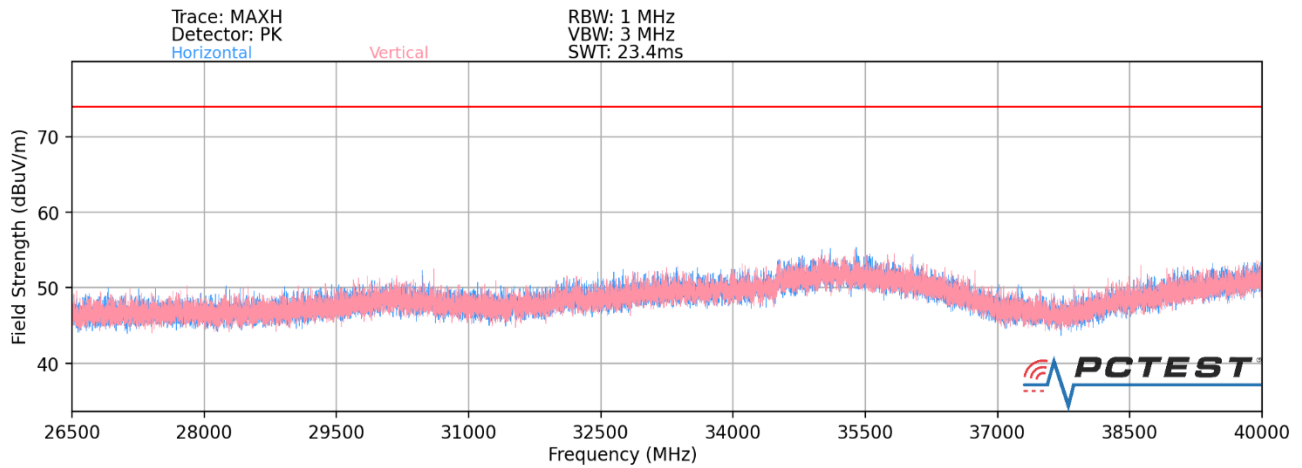


Plot 7-706. Radiated Spurious Plot 26.5GHz - 40GHz CDD Open (802.11a)



Plot 7-707. Radiated Spurious Plot above 18GHz - 26.5GHz CDD Closed (802.11a)

FCC ID: A3LSMF711B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset		Page 423 of 508



Plot 7-708. Radiated Spurious Plot 26.5GHz - 40GHz CDD Closed (802.11a)

FCC ID: A3LSMF711B	 Proud to be part of  element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset	Page 424 of 508	

CDD Radiated Spurious Emission Measurements - Q

§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 7-82. Radiated Measurements CDD

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 7-83. Radiated Measurements CDD

FCC ID: A3LSMF711B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset	Page 425 of 508	

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 7-84. Radiated Measurements CDD

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 7-85. Radiated Measurements CDD

FCC ID: A3LSMF711B	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset		Page 426 of 508

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 7-86. Radiated Measurements CDD

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 7-87. Radiated Measurements CDD

FCC ID: A3LSMF711B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset		Page 427 of 508

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 7-88. Radiated Measurements CDD

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 7-89. Radiated Measurements CDD

FCC ID: A3LSMF711B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset	Page 428 of 508	

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 7-90. Radiated Measurements CDD

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 7-91. Radiated Measurements CDD

FCC ID: A3LSMF711B	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset	Page 429 of 508	

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 7-92. Radiated Measurements CDD

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 7-93. Radiated Measurements CDD

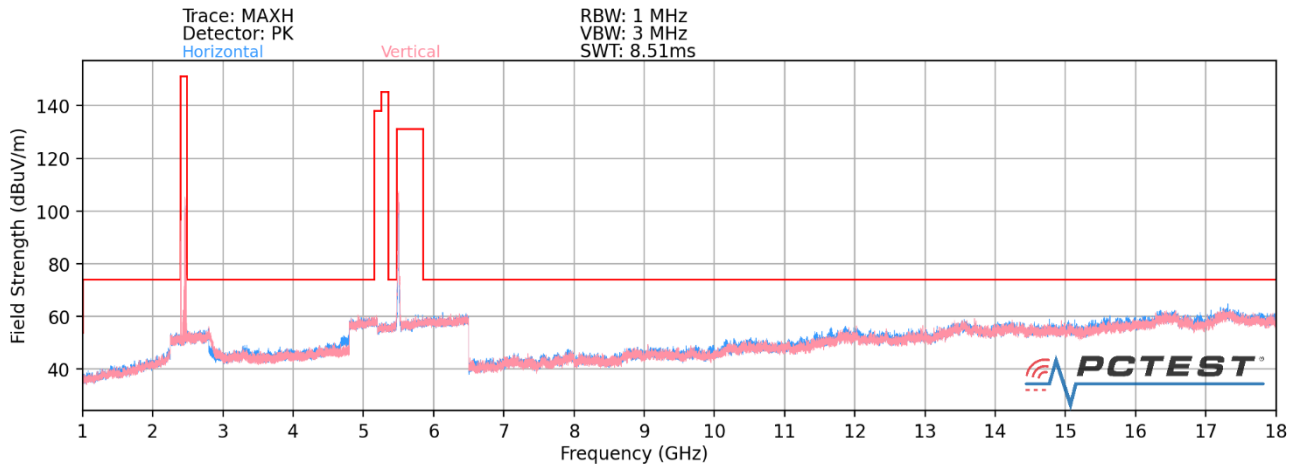
FCC ID: A3LSMF711B	 PCTEST® Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset	Page 430 of 508	

7.6.5 Simultaneous Tx Radiated Spurious Emissions Measurements - N

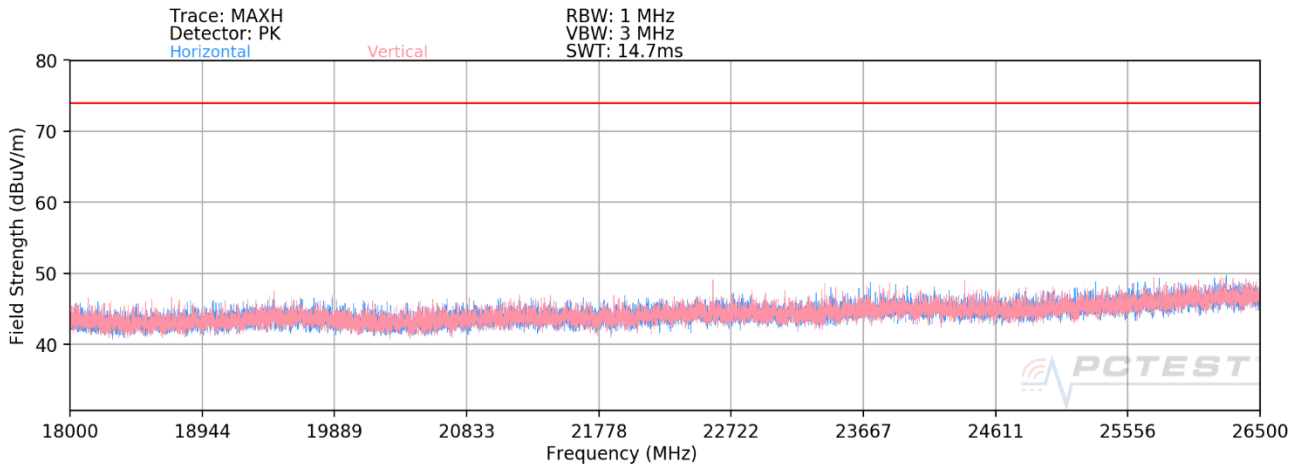
§15.407(b) §15.205 & §15.209; RSS-Gen [8.9]

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 7-94. Simultaneous Transmission Config-1

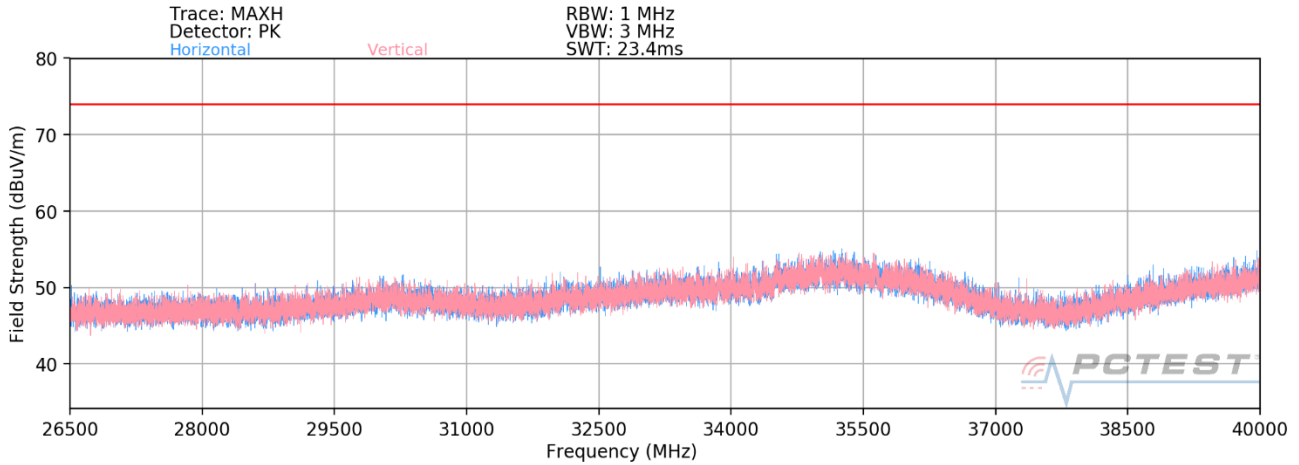


Plot 7-709. Radiated Spurious Plot above 1GHz (5GHz – 2.4GHz) - Open

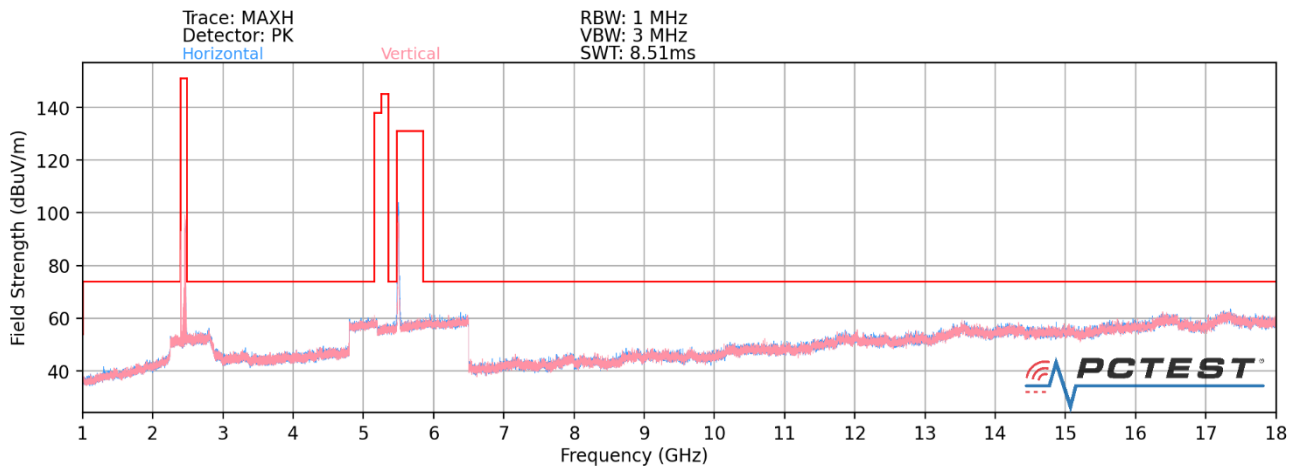


Plot 7-710. Radiated Spurious Plot 18GHz – 26.5GHz (5GHz – 2.4GHz) - Open

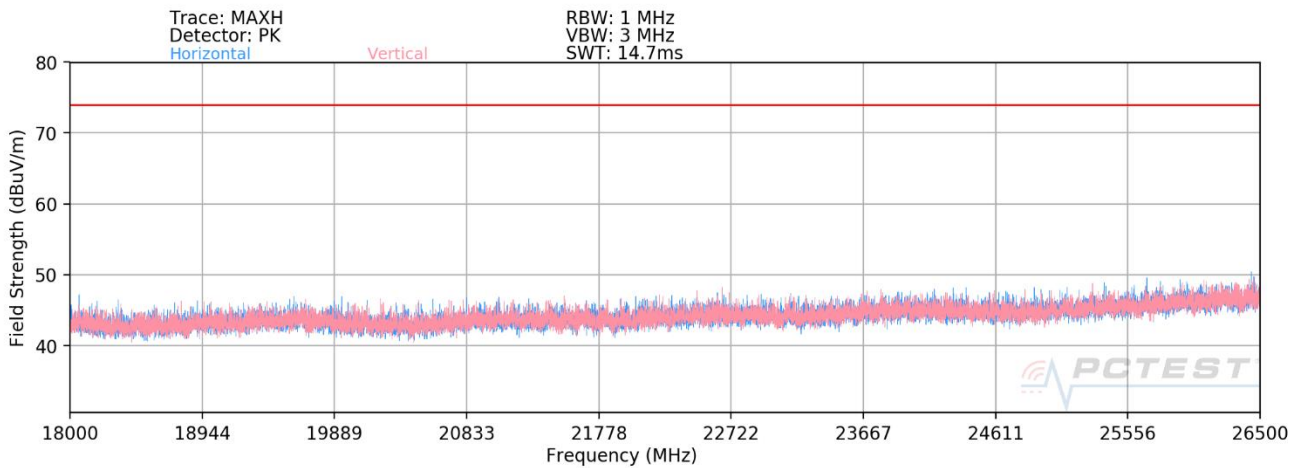
FCC ID: A3LSMF711B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset		Page 431 of 508



Plot 7-711. Radiated Spurious Plot above 26.5GHz (5GHz - 2.4GHz) - Open

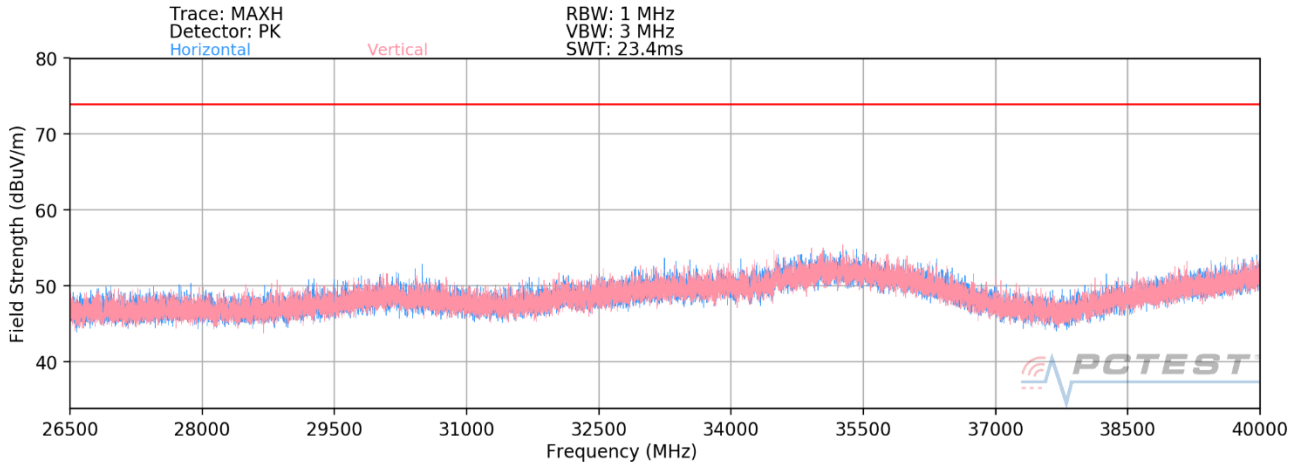


Plot 7-712. Radiated Spurious Plot above 1GHz (5GHz - 2.4GHz) - Closed



Plot 7-713. Radiated Spurious Plot 18GHz - 26.5GHz (5GHz - 2.4GHz) - Closed

FCC ID: A3LSMF711B		MEASUREMENT REPORT (CERTIFICATION)	 Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset	Page 432 of 508

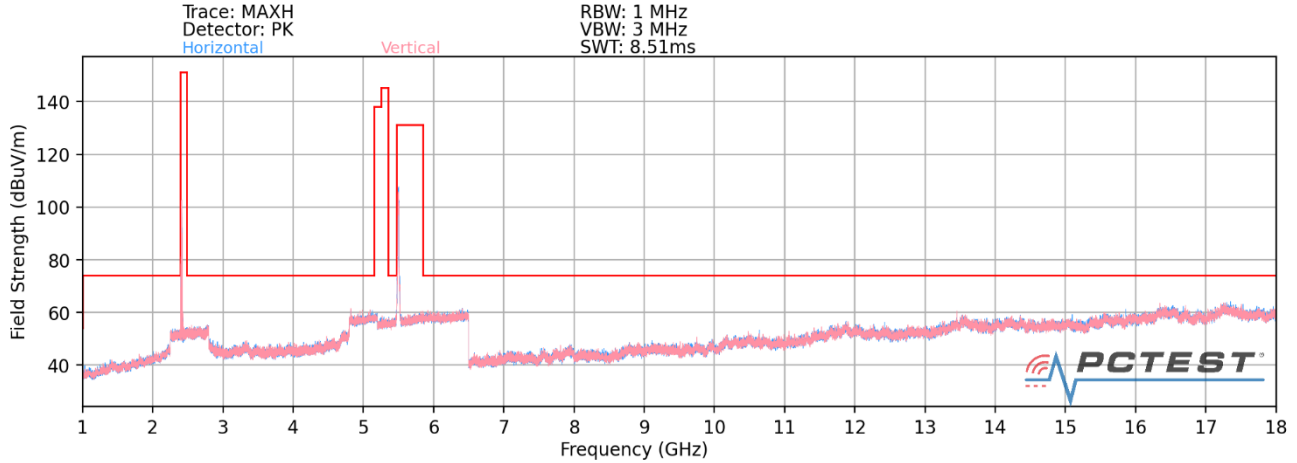


Plot 7-714. Radiated Spurious Plot above 26.5GHz (5GHz – 2.4GHz) - Closed

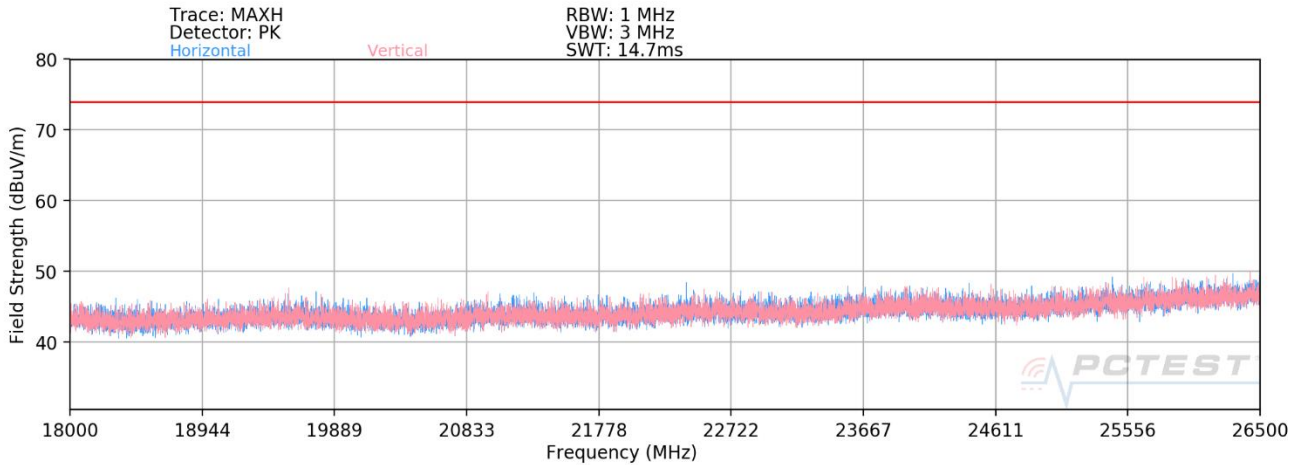
FCC ID: A3LSMF711B	 Proud to be part of  element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset	Page 433 of 508	

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 7-95. Dual Band Simultaneous Transmission

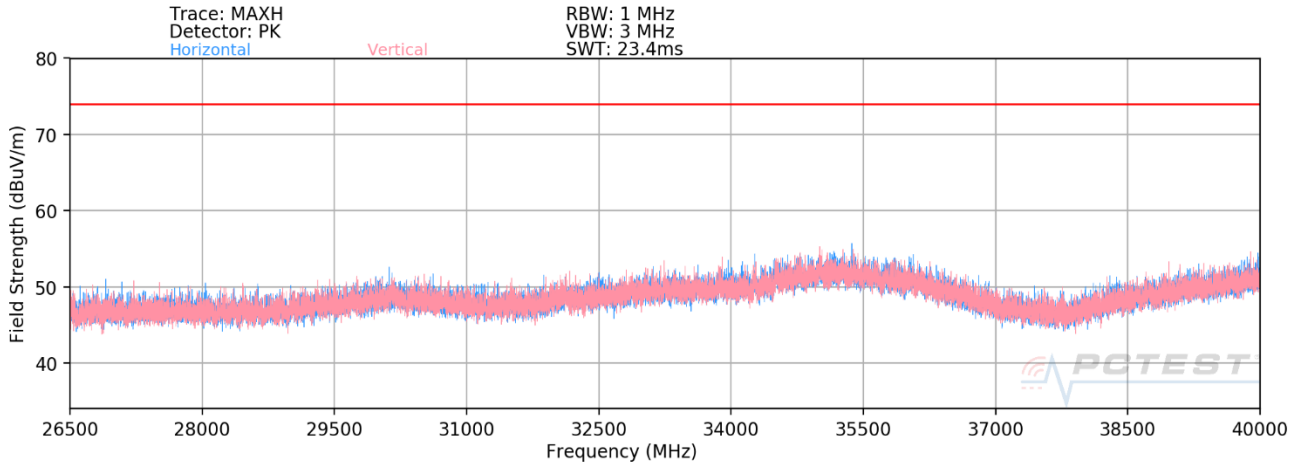


Plot 7-715. Radiated Spurious Plot above 1GHz (5GHz – 2.4GHz) - Open

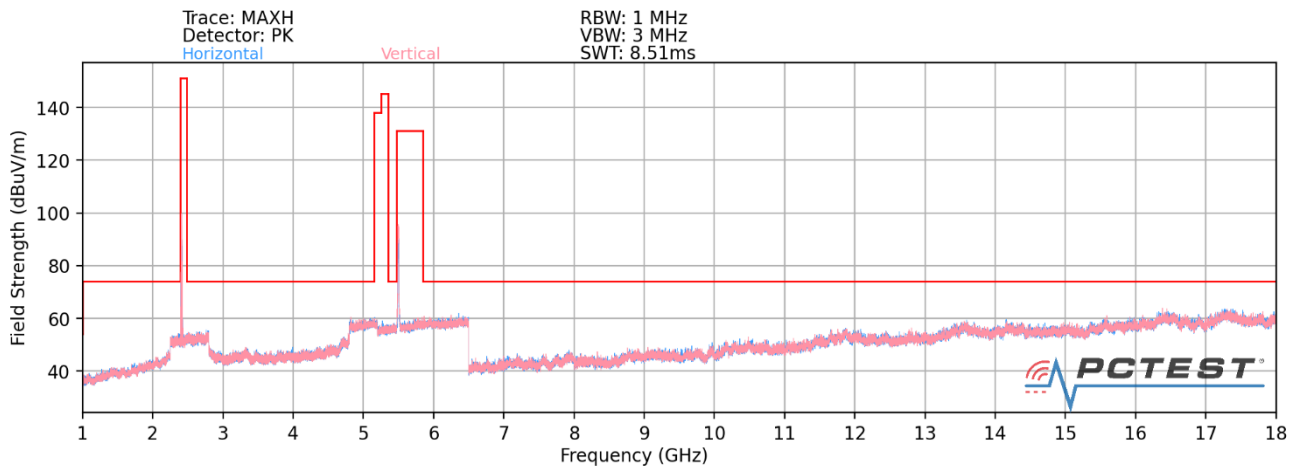


Plot 7-716. Radiated Spurious Plot 18GHz – 26.5GHz (5GHz – 2.4GHz) - Open

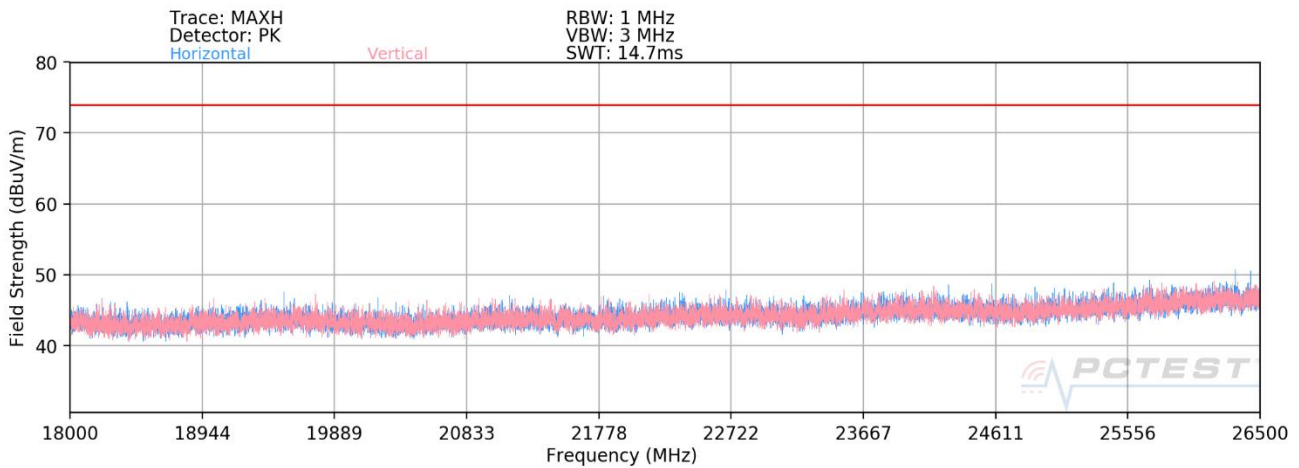
FCC ID: A3LSMF711B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset		Page 434 of 508



Plot 7-717. Radiated Spurious Plot above 26.5GHz (5GHz - 2.4GHz) - Open

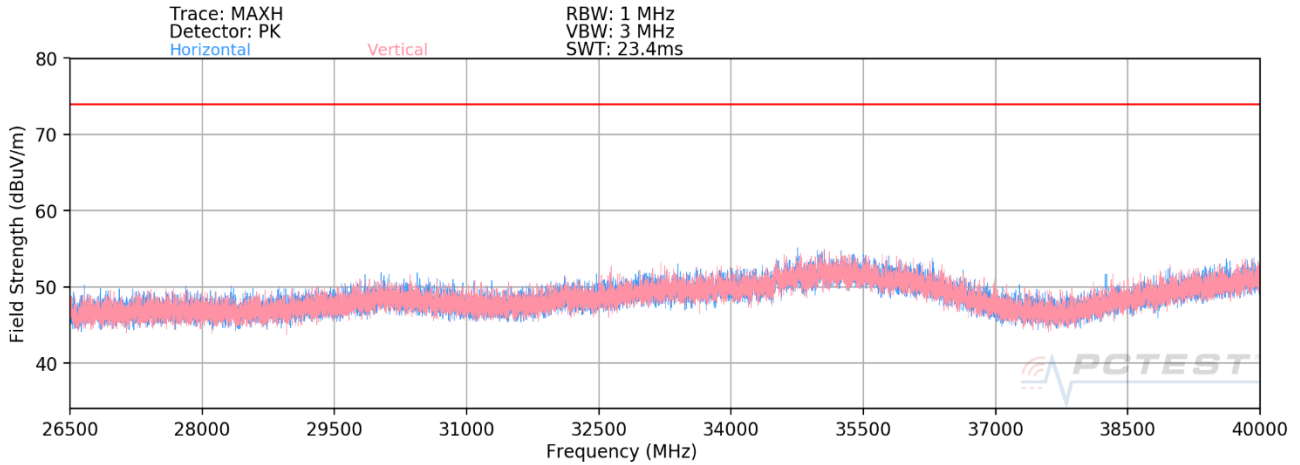


Plot 7-718. Radiated Spurious Plot above 1GHz (5GHz - 2.4GHz) - Closed



Plot 7-719. Radiated Spurious Plot 18GHz - 26.5GHz (5GHz - 2.4GHz) - Closed

FCC ID: A3LSMF711B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset		Page 435 of 508



Plot 7-720. Radiated Spurious Plot above 26.5GHz (5GHz – 2.4GHz) - Closed

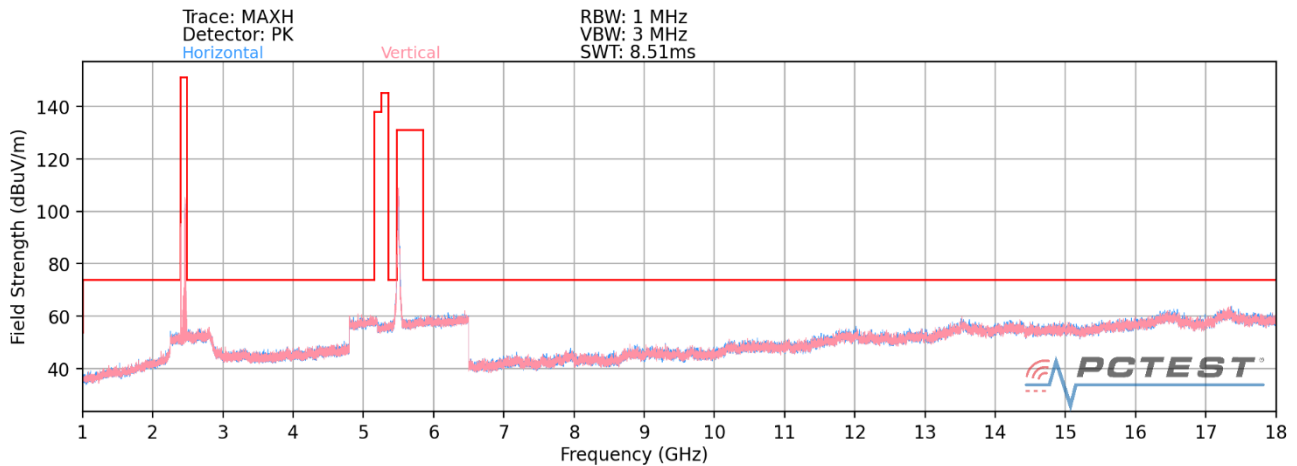
FCC ID: A3LSMF711B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset	Page 436 of 508	

7.6.6 Simultaneous Tx Radiated Spurious Emissions Measurements - Q

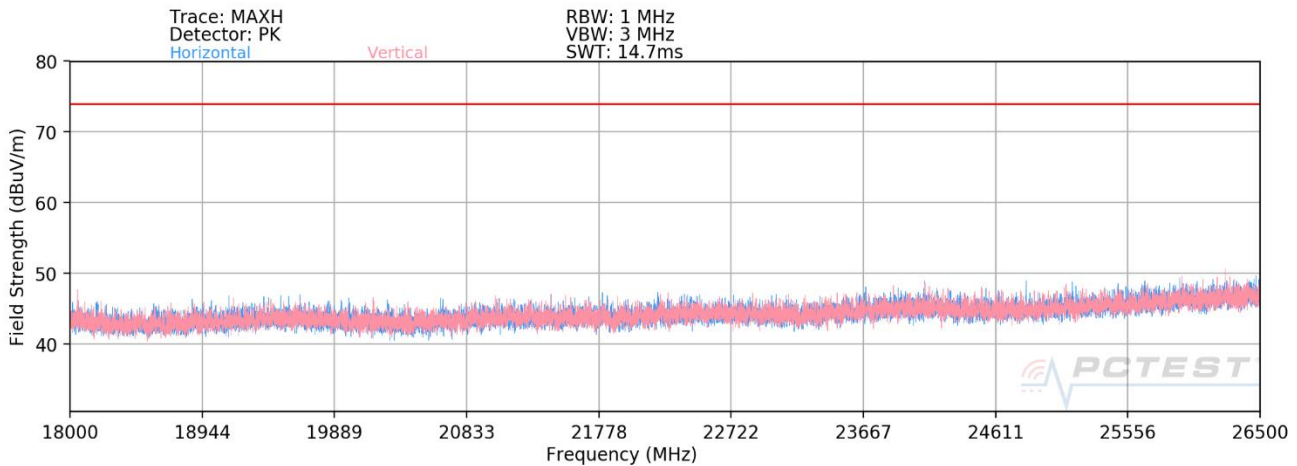
§15.407(b) §15.205 & §15.209; RSS-Gen [8.9]

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 7-96. Simultaneous Transmission Config-1

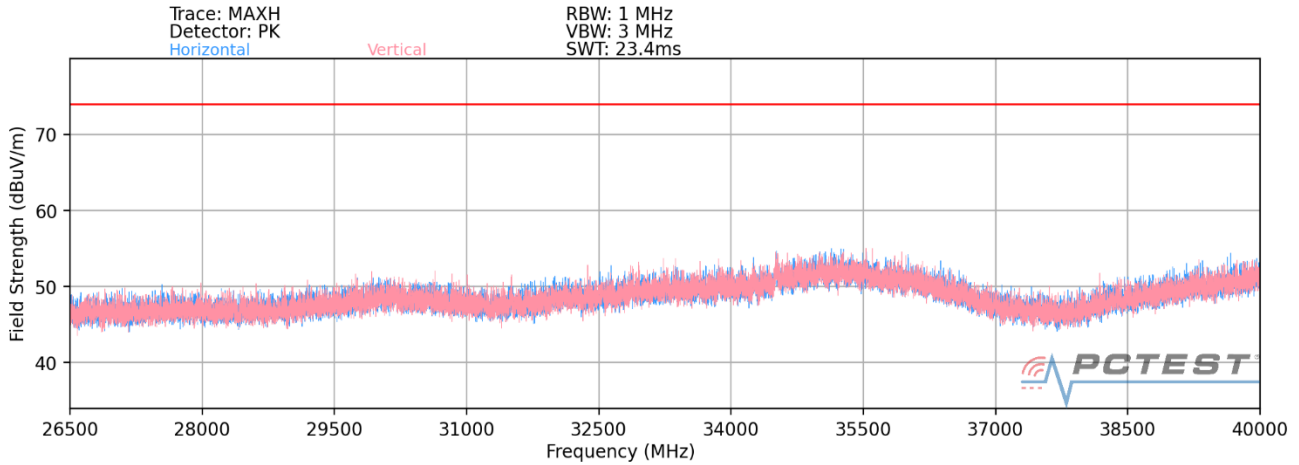


Plot 7-721. Radiated Spurious Plot above 1GHz (5GHz – 2.4GHz) - Open

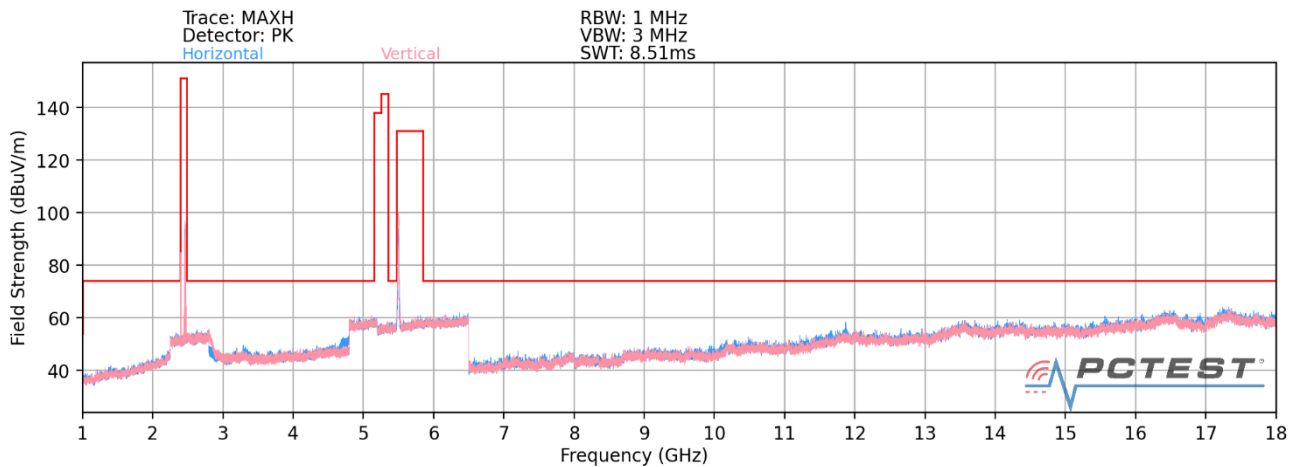


Plot 7-722. Radiated Spurious Plot 18GHz – 26.5GHz (5GHz – 2.4GHz) - Open

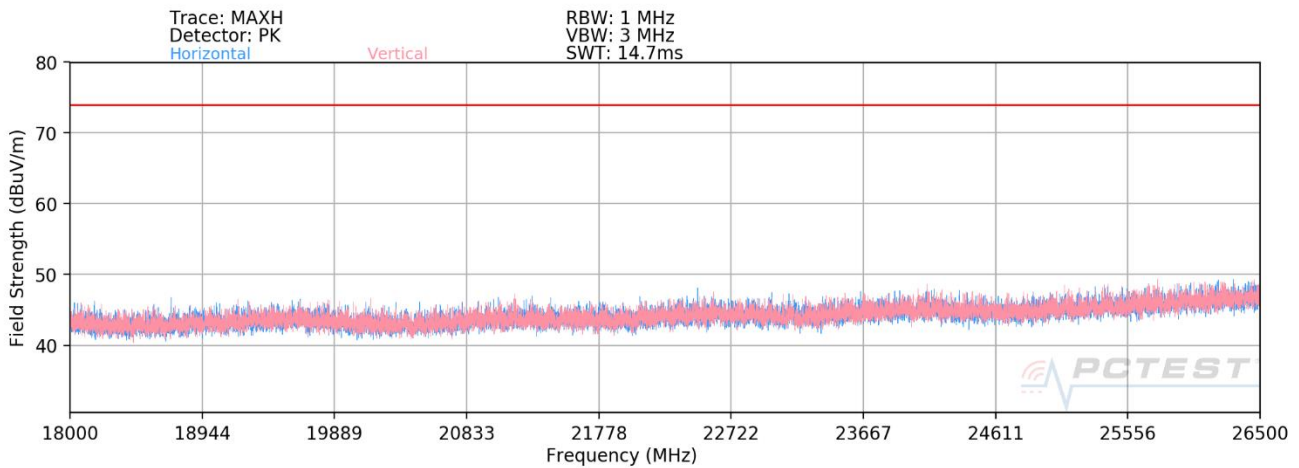
FCC ID: A3LSMF711B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset		Page 437 of 508



Plot 7-723. Radiated Spurious Plot above 26.5GHz (5GHz – 2.4GHz) - Open

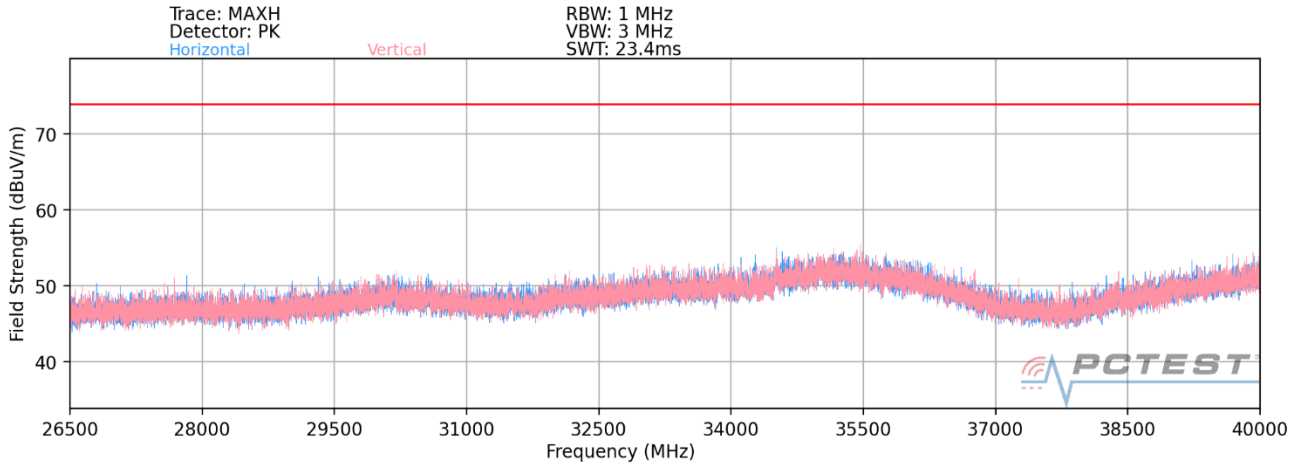


Plot 7-724. Radiated Spurious Plot above 1GHz (5GHz – 2.4GHz) - Closed



Plot 7-725. Radiated Spurious Plot 18GHz – 26.5GHz (5GHz – 2.4GHz) - Closed

FCC ID: A3LSMF711B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset	Page 438 of 508	

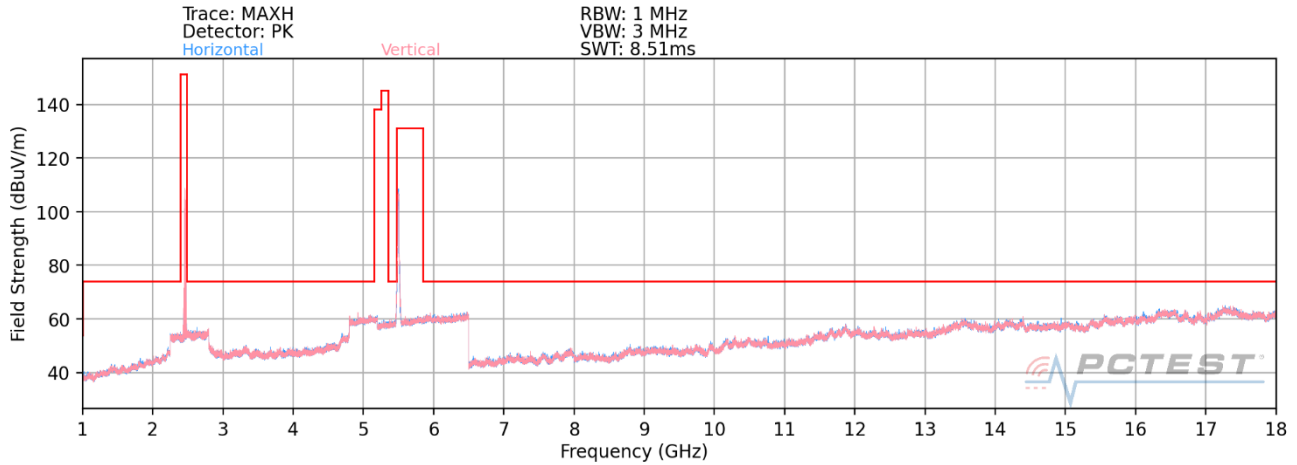


Plot 7-726. Radiated Spurious Plot above 26.5GHz (5GHz – 2.4GHz) - Closed

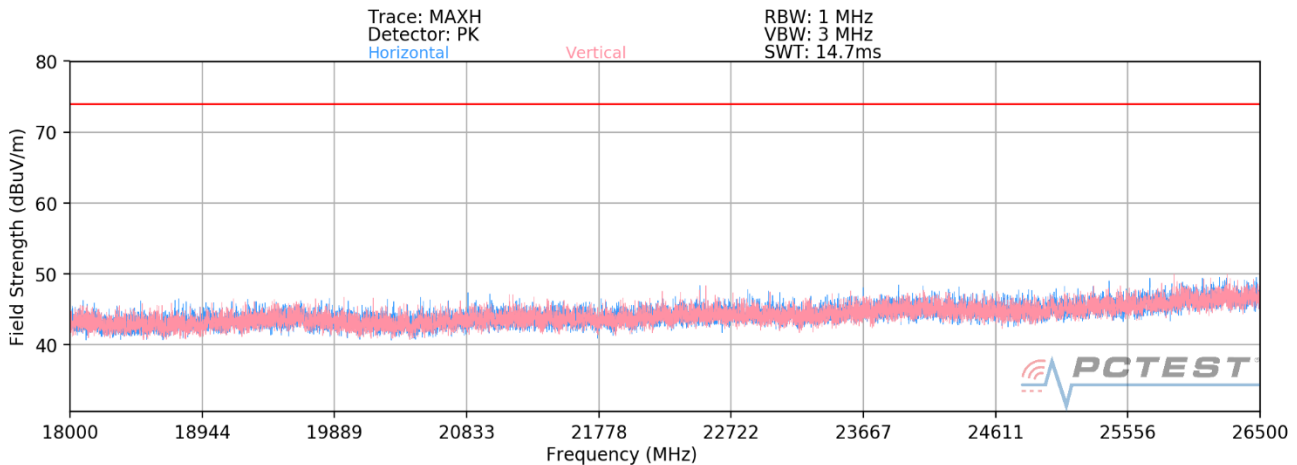
FCC ID: A3LSMF711B	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset	Page 439 of 508	

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 7-97. Dual Band Simultaneous Transmission

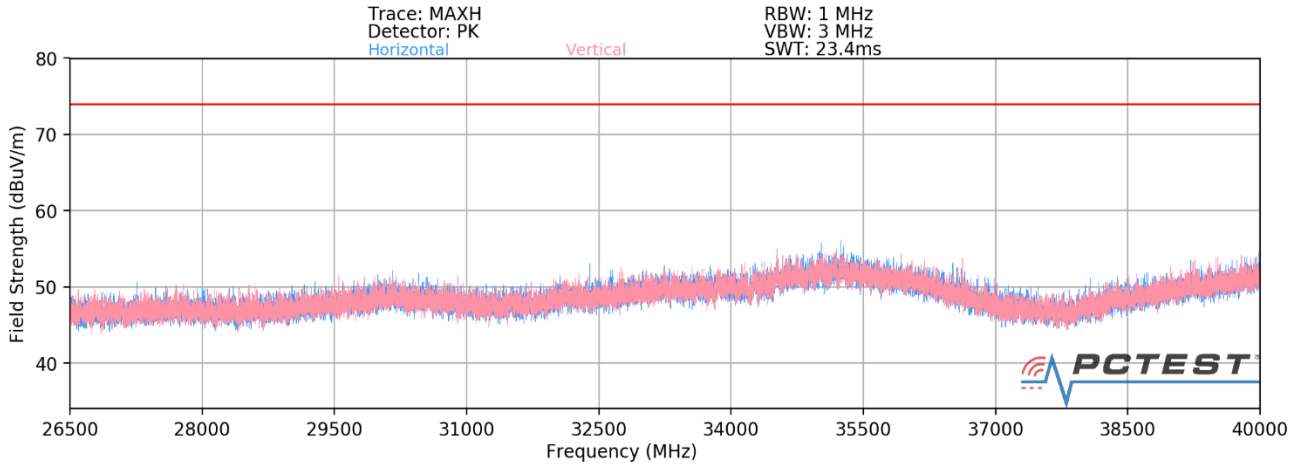


Plot 7-727. Radiated Spurious Plot above 1GHz (5GHz – 2.4GHz) - Open

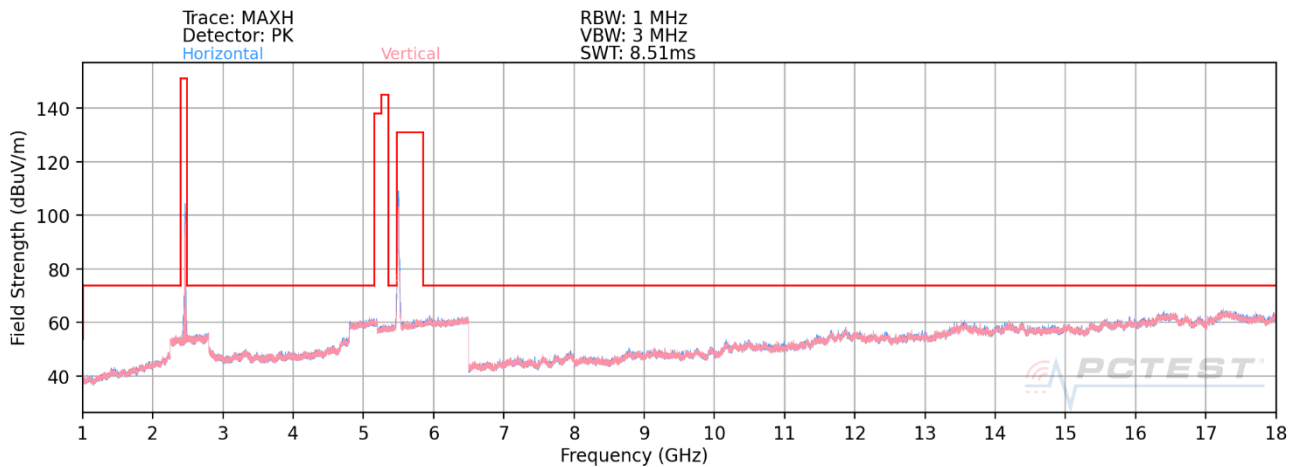


Plot 7-728. Radiated Spurious Plot 18GHz – 26.5GHz (5GHz – 2.4GHz) - Open

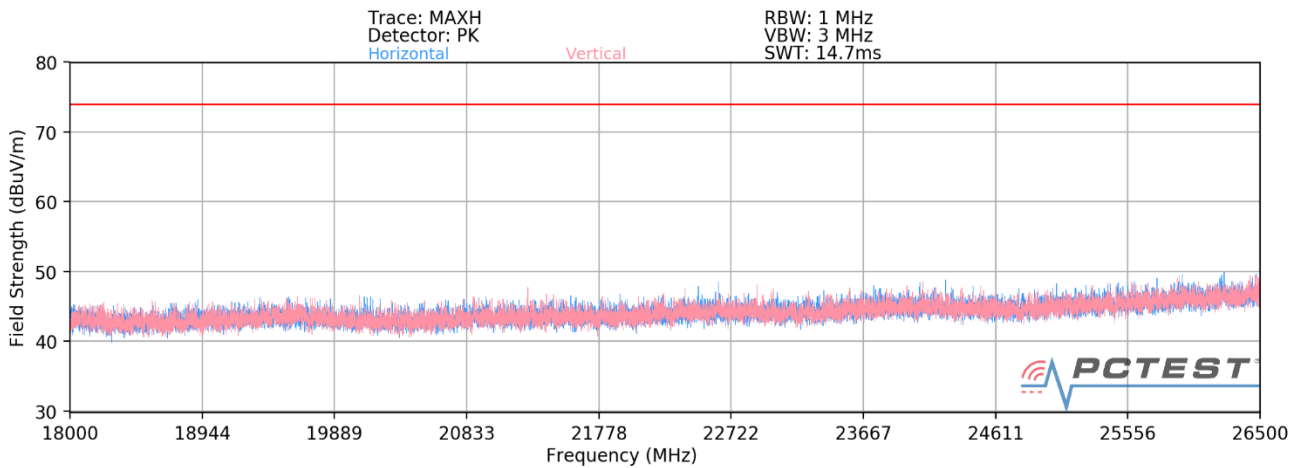
FCC ID: A3LSMF711B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset	Page 440 of 508	



Plot 7-729. Radiated Spurious Plot above 26.5GHz (5GHz - 2.4GHz) - Open



Plot 7-730. Radiated Spurious Plot above 1GHz (5GHz - 2.4GHz) - Closed



Plot 7-731. Radiated Spurious Plot 18GHz - 26.5GHz (5GHz - 2.4GHz) - Closed

FCC ID: A3LSMF711B	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104130035-12.A3L	Test Dates: 04/12/2021 - 06/04/2021	EUT Type: Portable Handset		Page 441 of 508