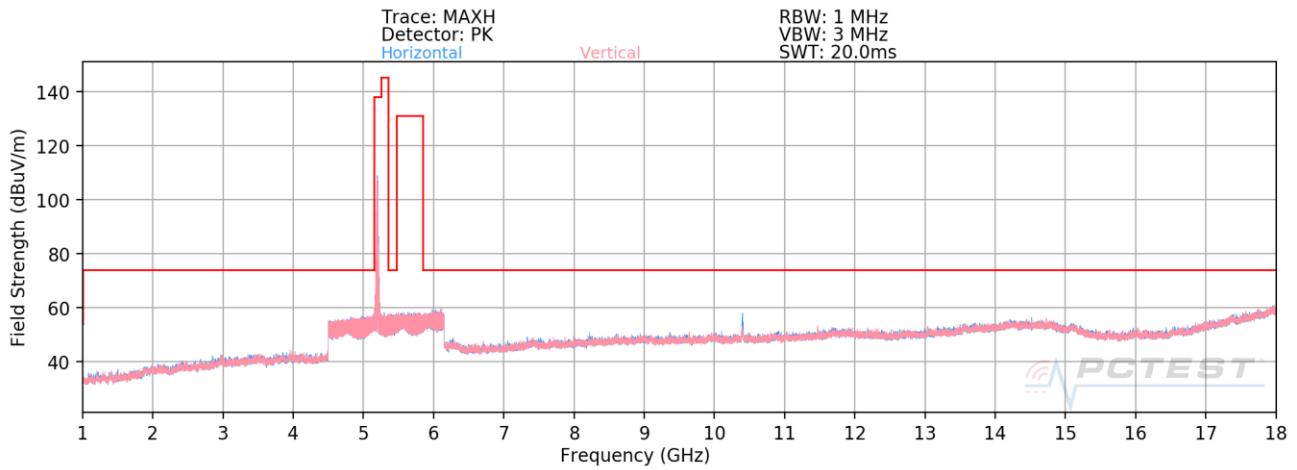
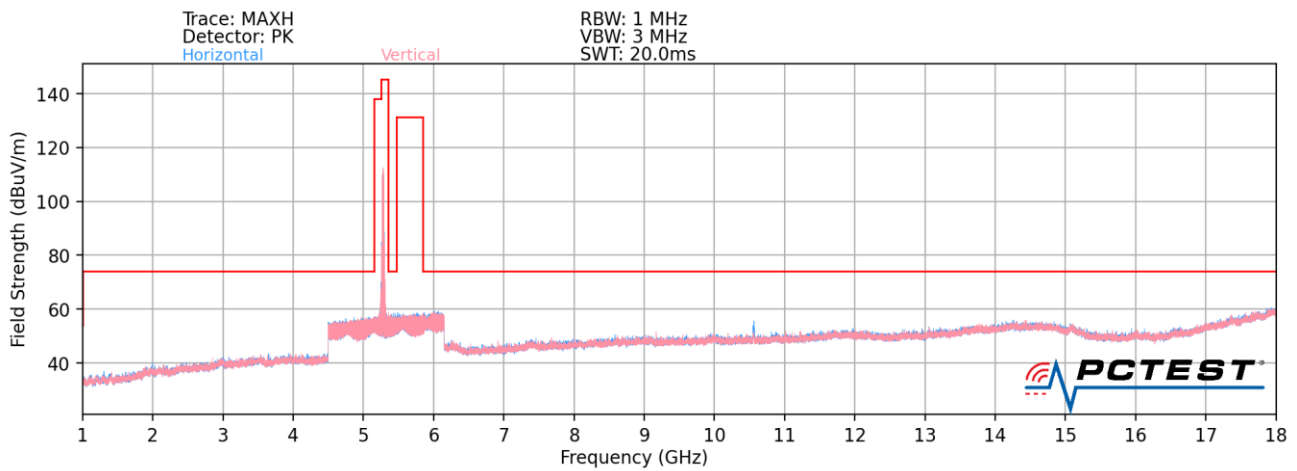


**Plot 7-688. Radiated Spurious Plot above 1GHz CDD - Open (802.11a – U3 Ch. 157)**

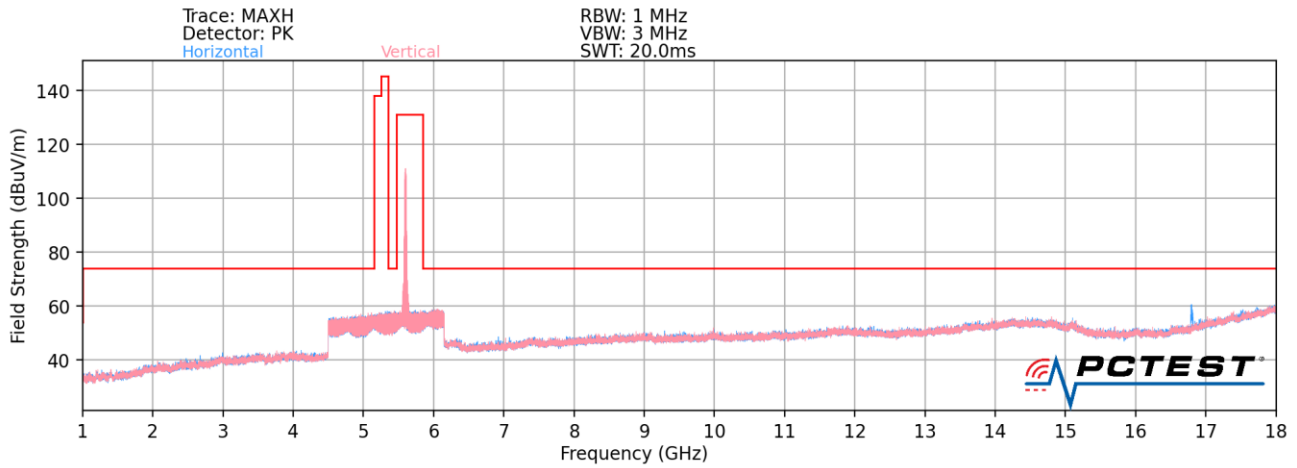


**Plot 7-689. Radiated Spurious Plot above 1GHz CDD - Closed (802.11a – U1 Ch. 40)**

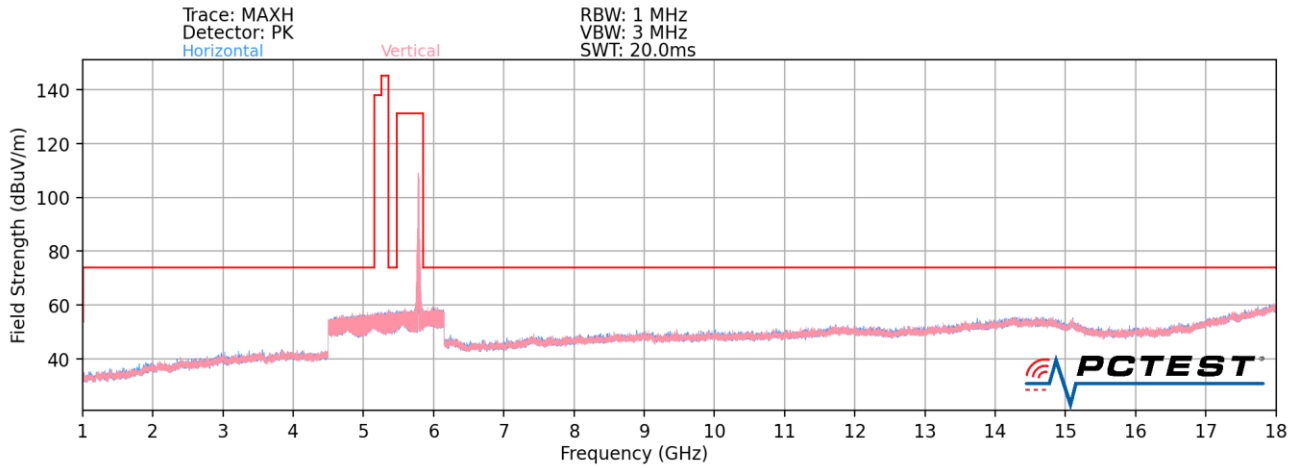


**Plot 7-690. Radiated Spurious Plot above 1GHz CDD - Closed (802.11a – U2A Ch. 56)**

FCC ID: A3LSMF711U	 <b>PCTEST</b> Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 409 of 509



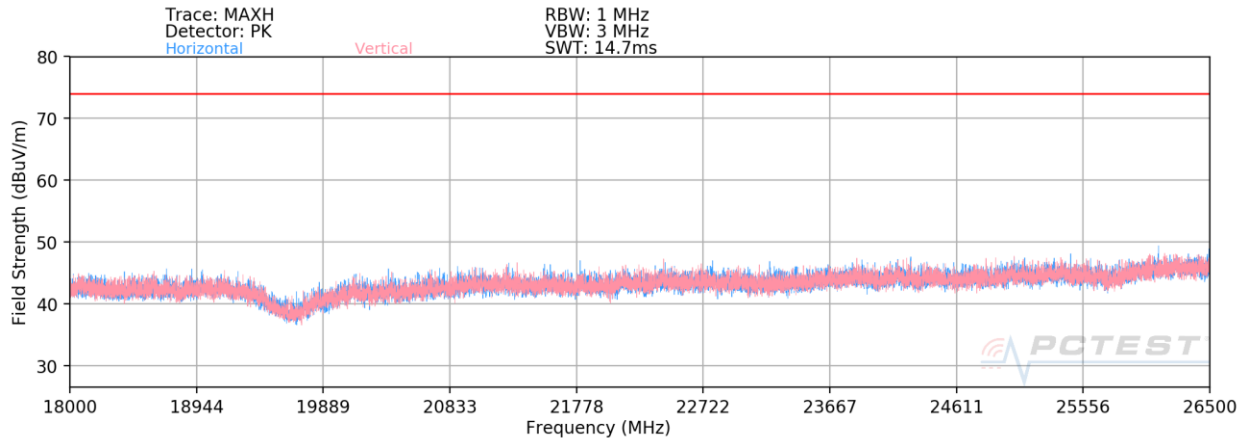
**Plot 7-691. Radiated Spurious Plot above 1GHz CDD - Closed (802.11a – U2C Ch. 120)**



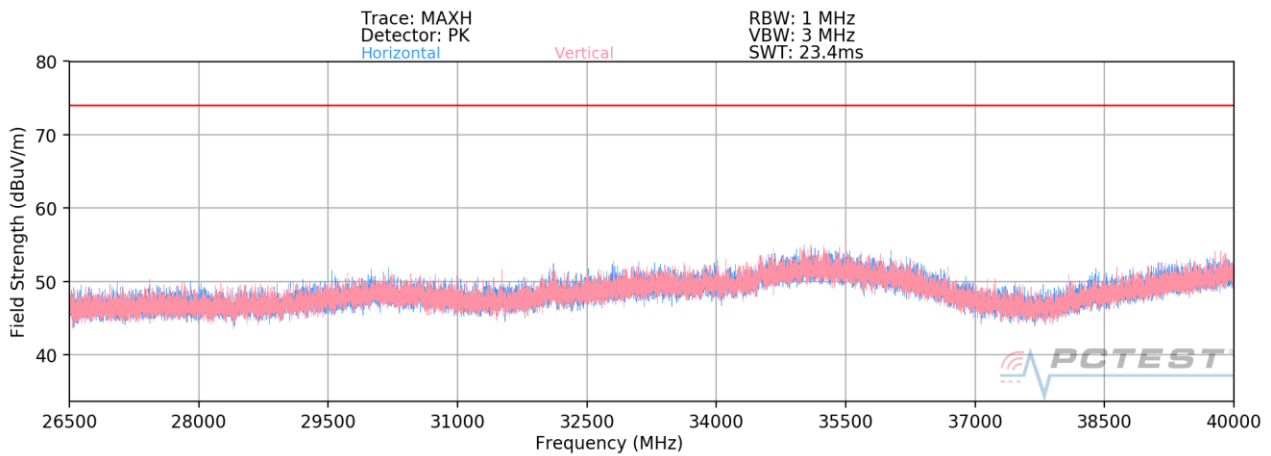
**Plot 7-692. Radiated Spurious Plot above 1GHz CDD - Closed (802.11a – U3 Ch. 157)**

<b>FCC ID:</b> A3LSMF711U		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	 <b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2104070032-14.A3L	<b>Test Dates:</b> 04/12/2021-06/02/2021	<b>EUT Type:</b> Portable Handset	Page 410 of 509

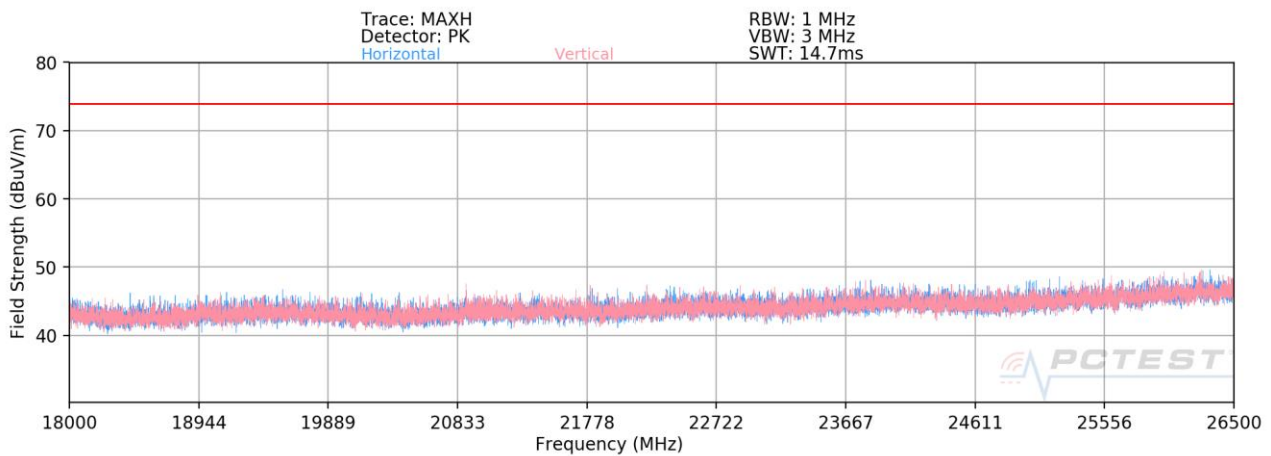
## CDD Radiated Spurious Emissions Measurements (Above 18GHz) – N



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

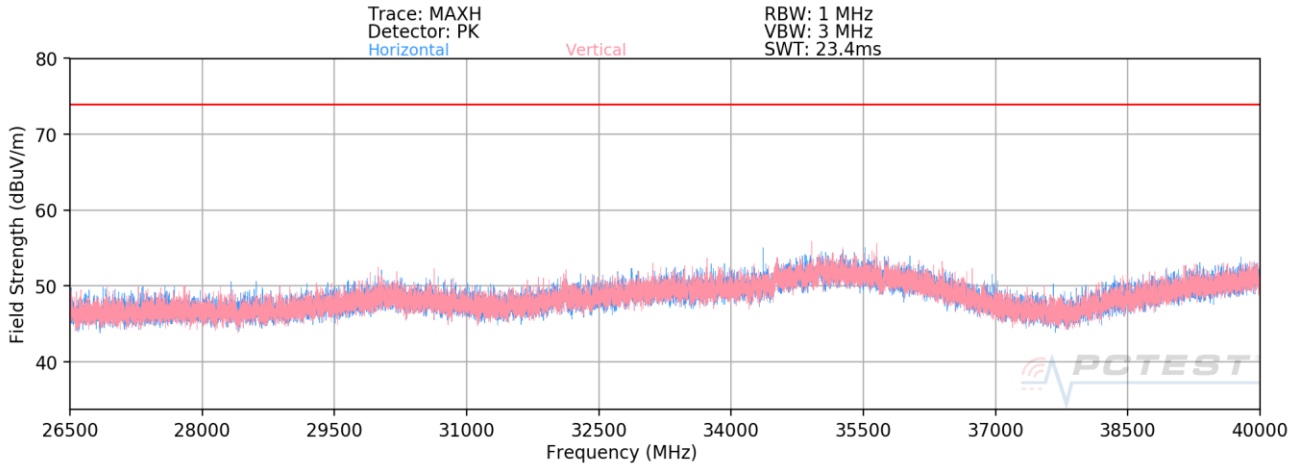


**Plot 7-694. Radiated Spurious Plot 26.5GHz - 40GHz CDD - Open (802.11a)**



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

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 411 of 509



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

FCC ID: A3LSMF711U	 Proud to be part of 	<b>MEASUREMENT REPORT (CERTIFICATION)</b>	 <b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2104070032-14.A3L	<b>Test Dates:</b> 04/12/2021-06/02/2021	<b>EUT Type:</b> Portable Handset	Page 412 of 509

## 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: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset	Page 413 of 509	

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: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 414 of 509

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: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset	Page 415 of 509	

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: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset	Page 416 of 509	



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: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset	Page 417 of 509	

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: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset	Page 418 of 509	

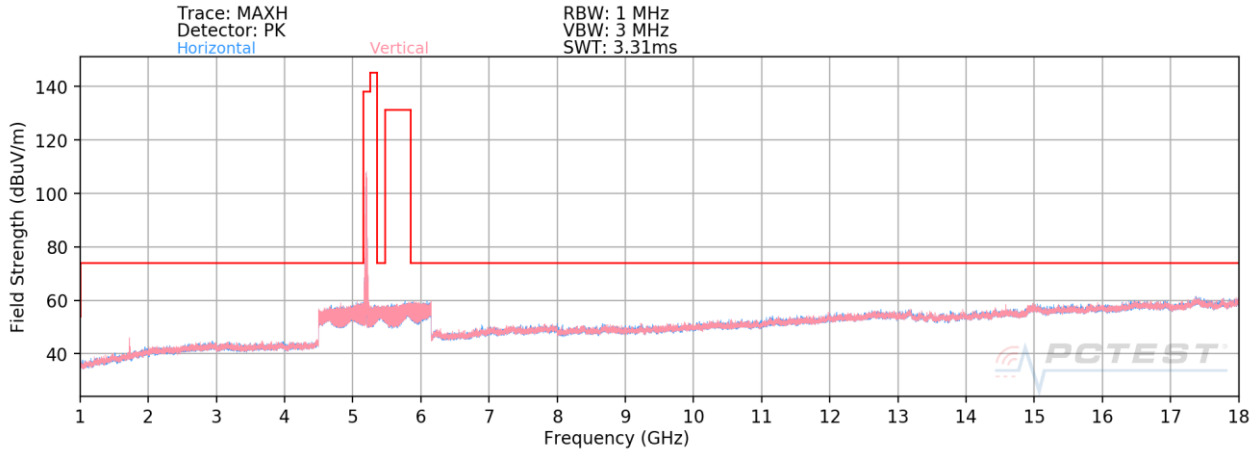
Worst Case Mode: 802.11a  
 Worst Case Transfer Rate: 6Mbps  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 5825MHz  
 Channel: 165

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

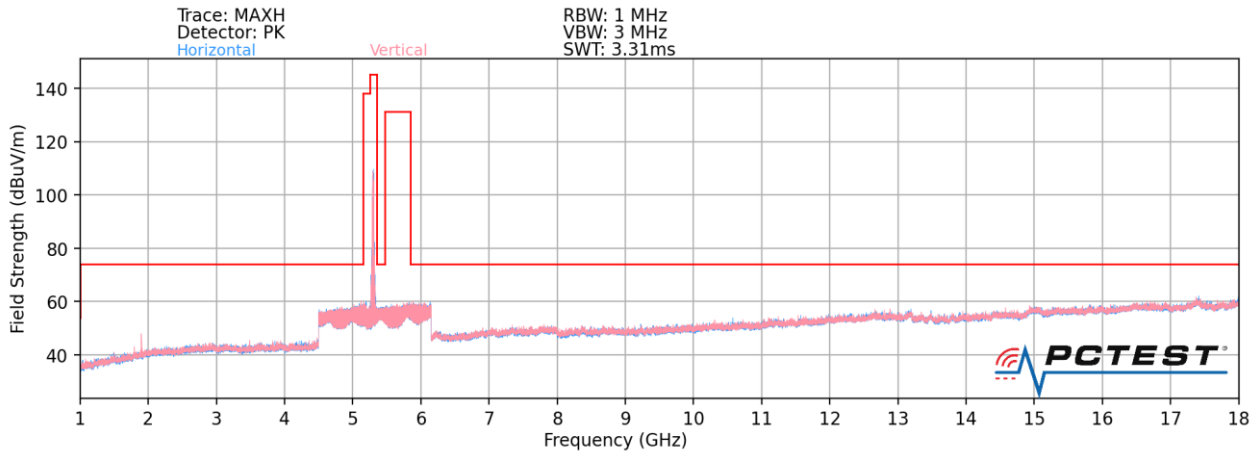
**Table 7-81. Radiated Measurements CDD with WCP**

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 419 of 509

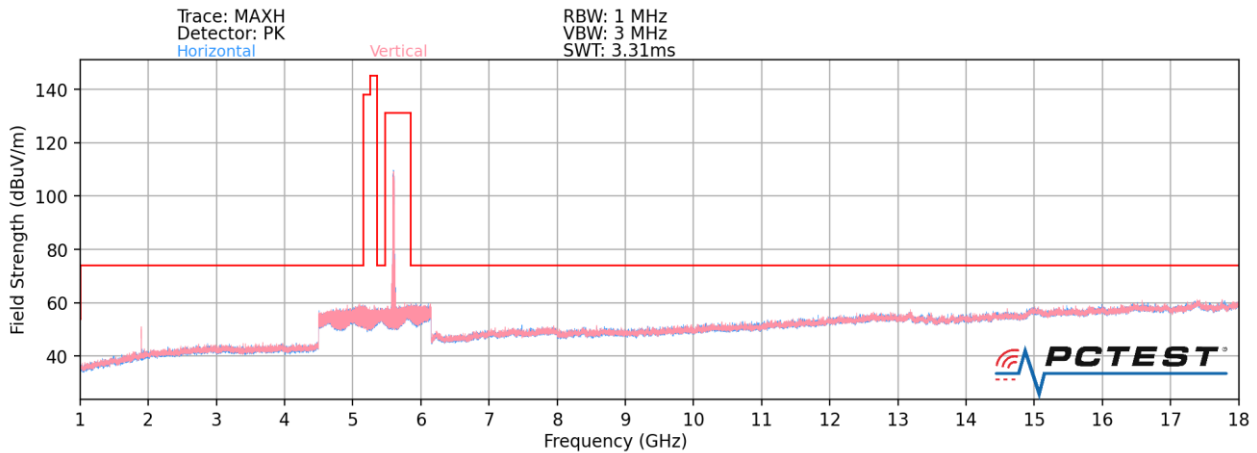
### 7.6.4 CDD Radiated Spurious Emission Measurements - Q



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

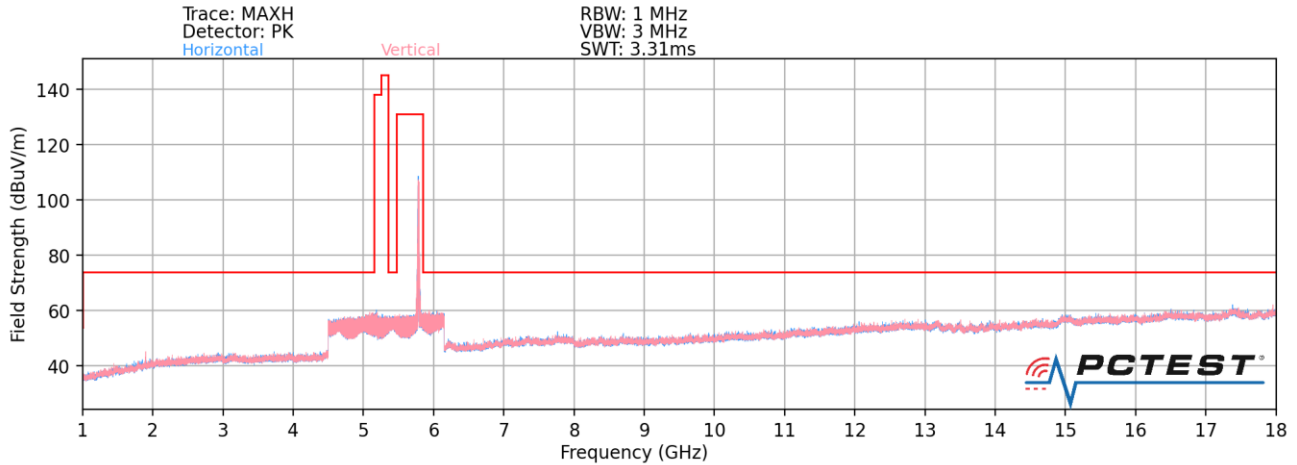


**Plot 7-698. Radiated Spurious Plot above 1GHz CDD Open (802.11a – U2A Ch. 56)**

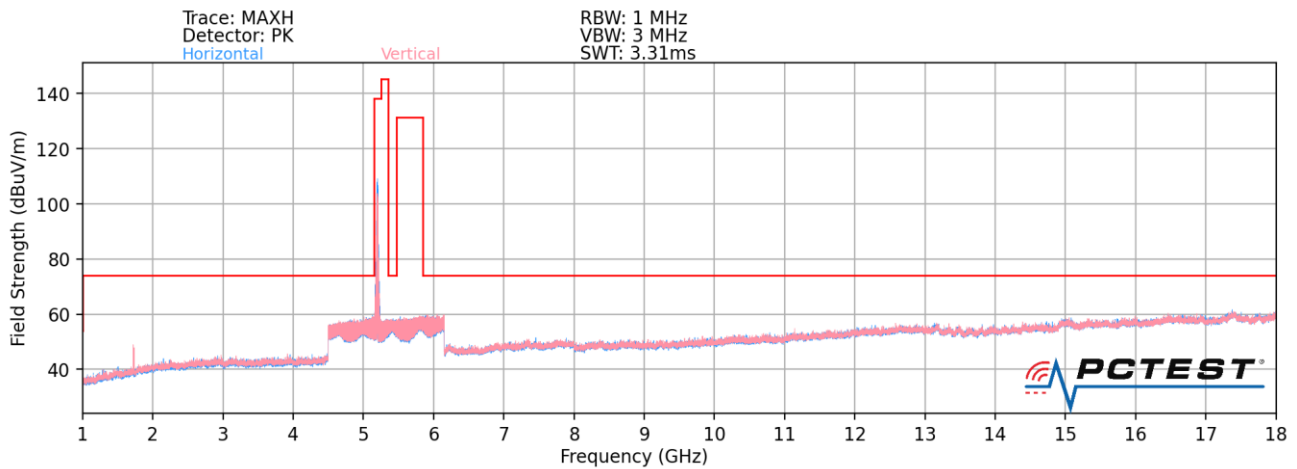


**Plot 7-699. Radiated Spurious Plot above 1GHz CDD Open (802.11a – U2C Ch. 120)**

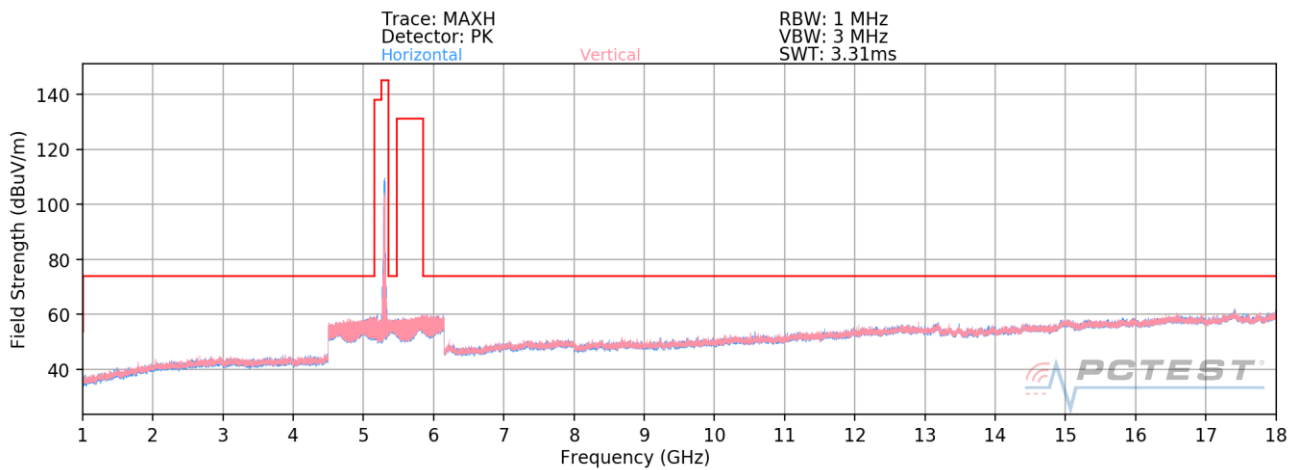
FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 420 of 509



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

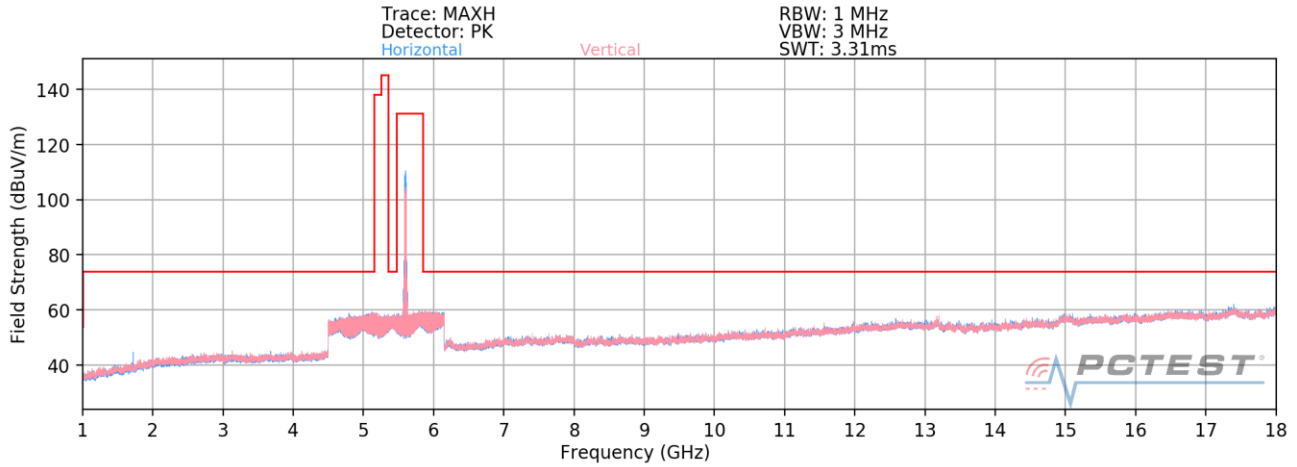


**Plot 7-701. Radiated Spurious Plot above 1GHz CDD Closed (802.11a – U1 Ch. 40)**

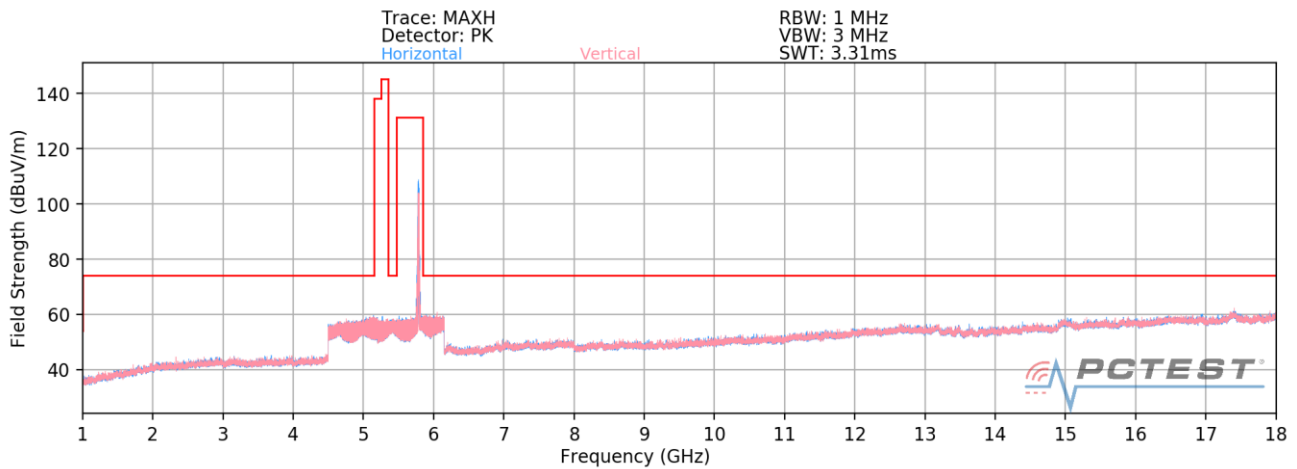


**Plot 7-702. Radiated Spurious Plot above 1GHz CDD Closed (802.11a – U2A Ch. 56)**

FCC ID: A3LSMF711U	 <b>PCTEST</b> Proud to be part of  element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 421 of 509



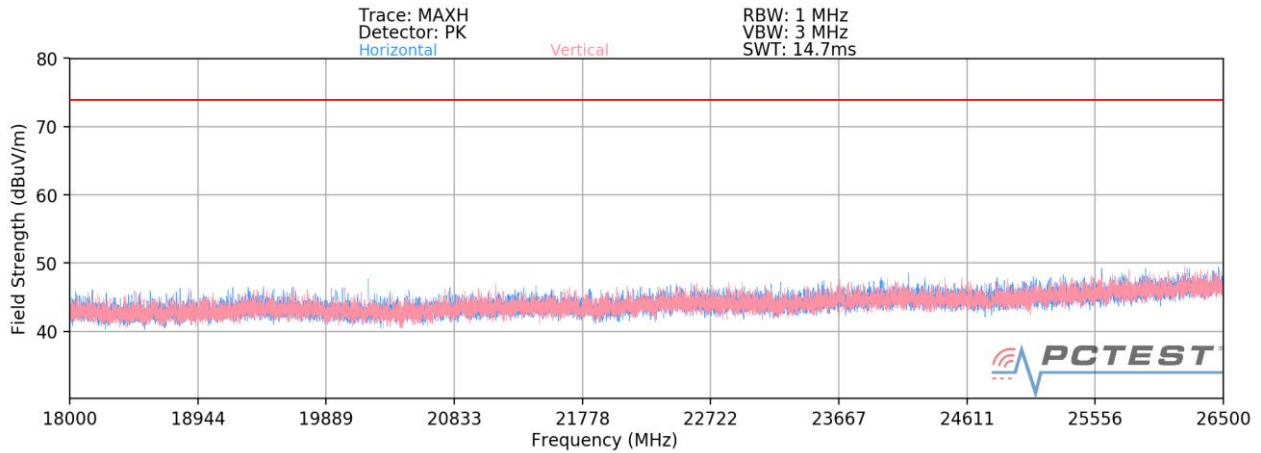
**Plot 7-703. Radiated Spurious Plot above 1GHz CDD Closed (802.11a – U2C Ch. 120)**



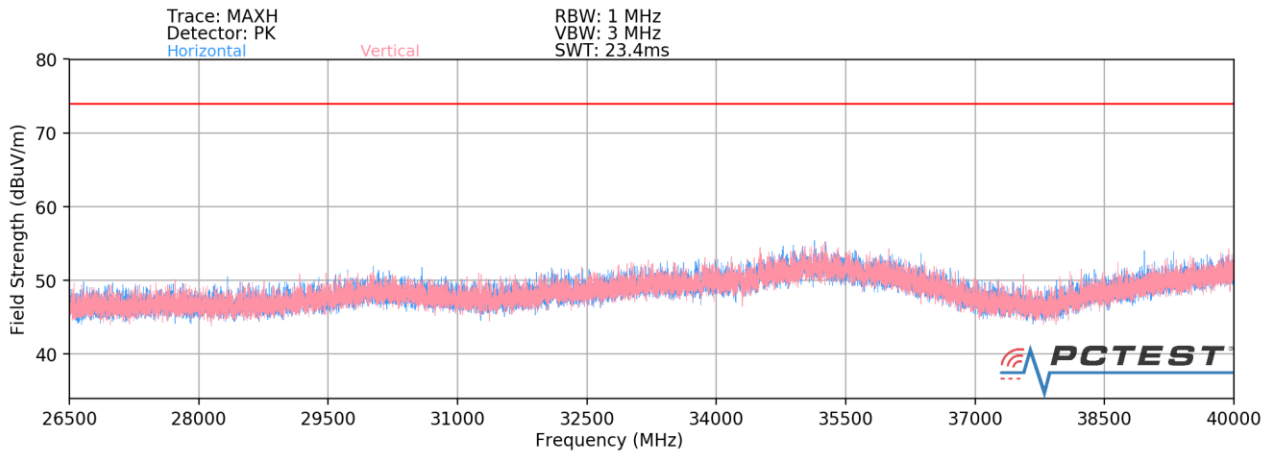
**Plot 7-704. Radiated Spurious Plot above 1GHz CDD Closed (802.11a – U3 Ch. 157)**

<b>FCC ID:</b> A3LSMF711U		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2104070032-14.A3L	<b>Test Dates:</b> 04/12/2021-06/02/2021	<b>EUT Type:</b> Portable Handset	Page 422 of 509

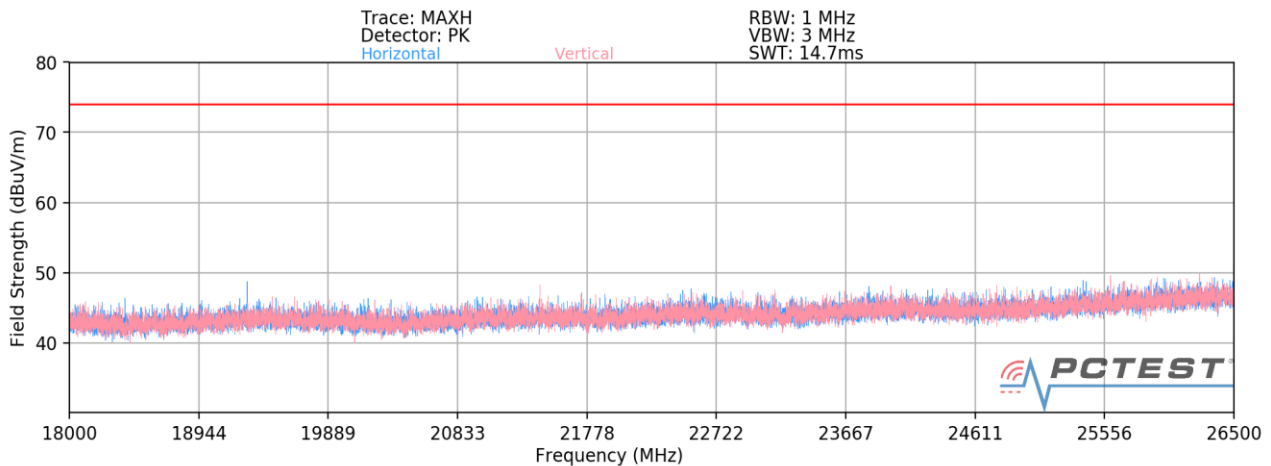
## CDD Radiated Spurious Emissions Measurements (Above 18GHz) - Q



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

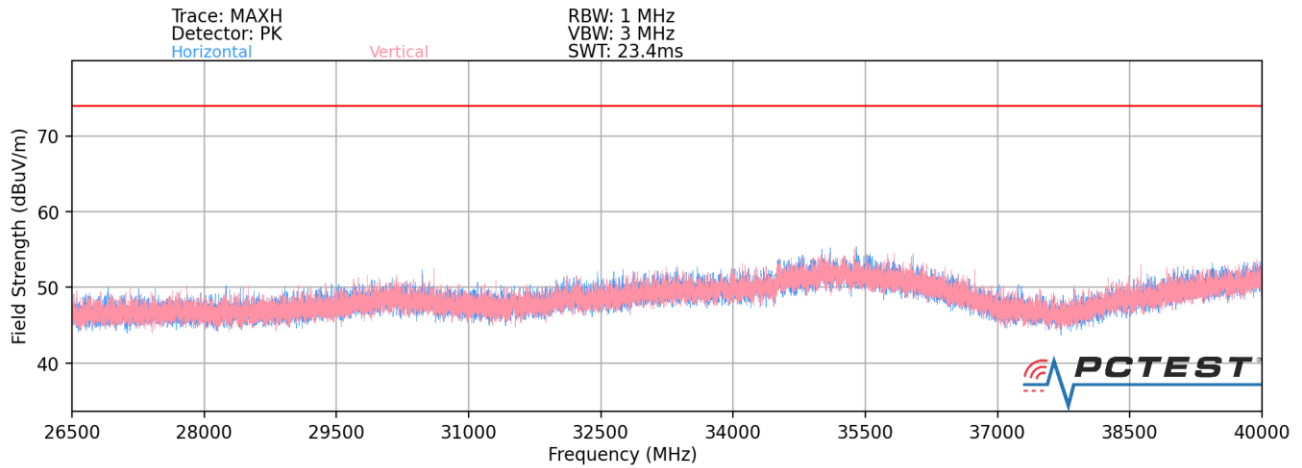


**Plot 7-706. Radiated Spurious Plot 26.5GHz - 40GHz CDD Open (802.11a)**



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

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 423 of 509



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

<b>FCC ID:</b> A3LSMF711U	 Proud to be part of  element	<b>MEASUREMENT REPORT (CERTIFICATION)</b>	 <b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2104070032-14.A3L	<b>Test Dates:</b> 04/12/2021-06/02/2021	<b>EUT Type:</b> Portable Handset	Page 424 of 509



## 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: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset	Page 425 of 509	

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: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 426 of 509

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**

Worst Case Mode: 802.11a

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset	Page 427 of 509	

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: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset	Page 428 of 509	

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: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset	Page 429 of 509	

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: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset	Page 430 of 509	

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]
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

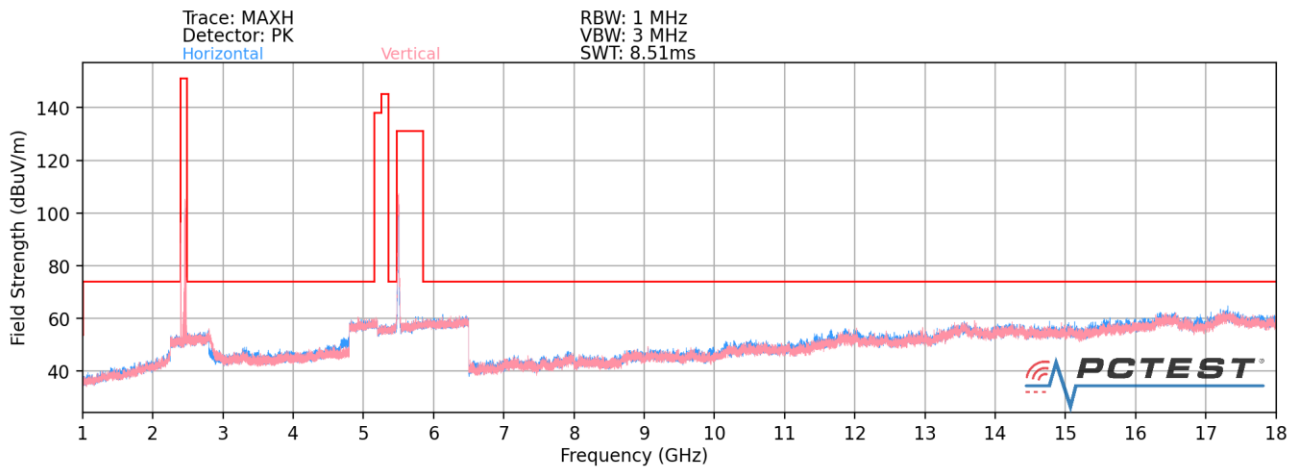
**Table 7-94. Radiated Measurements CDD with WCP**

FCC ID: A3LSMF711U	 PCTEST® Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 431 of 509

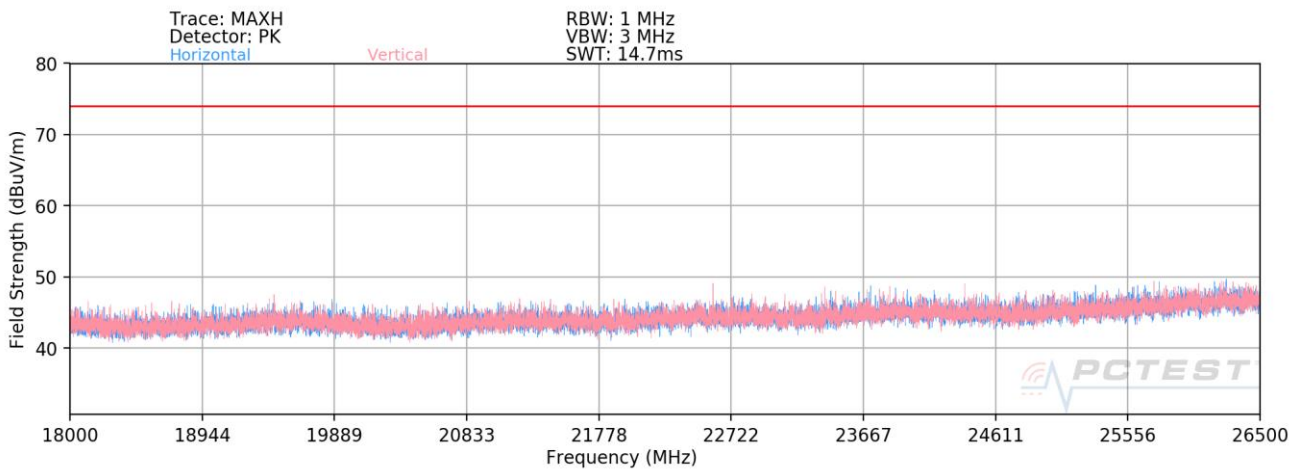
### 7.6.5 Simultaneous Tx Radiated Spurious Emissions Measurements - N §15.407(b) §15.205 & §15.209; RSS-Gen [8.9]

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 7-95. Simultaneous Transmission Config-1



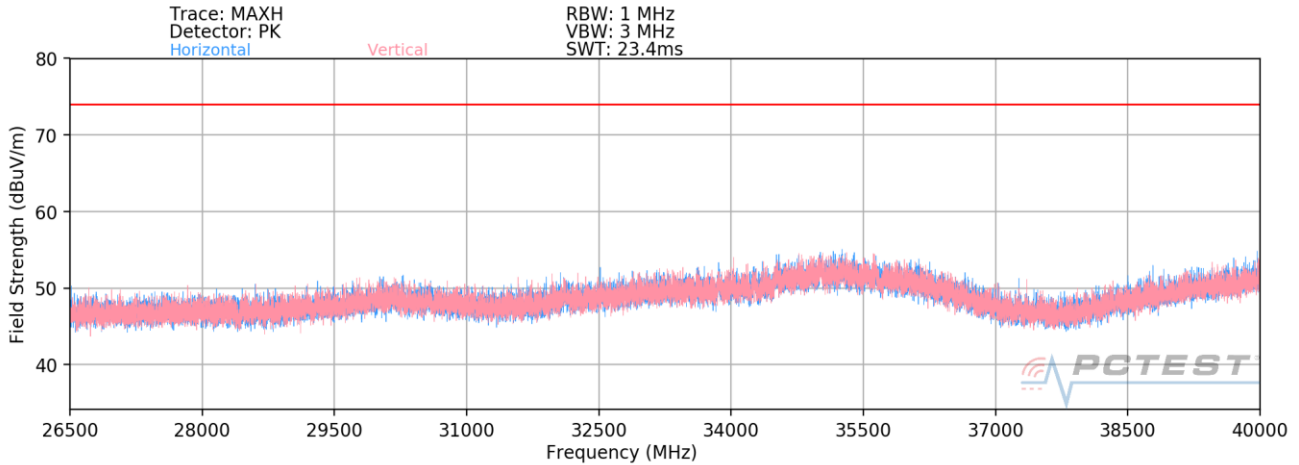
Plot 7-709. Radiated Spurious Plot above 1GHz (5GHz – 2.4GHz) - Open



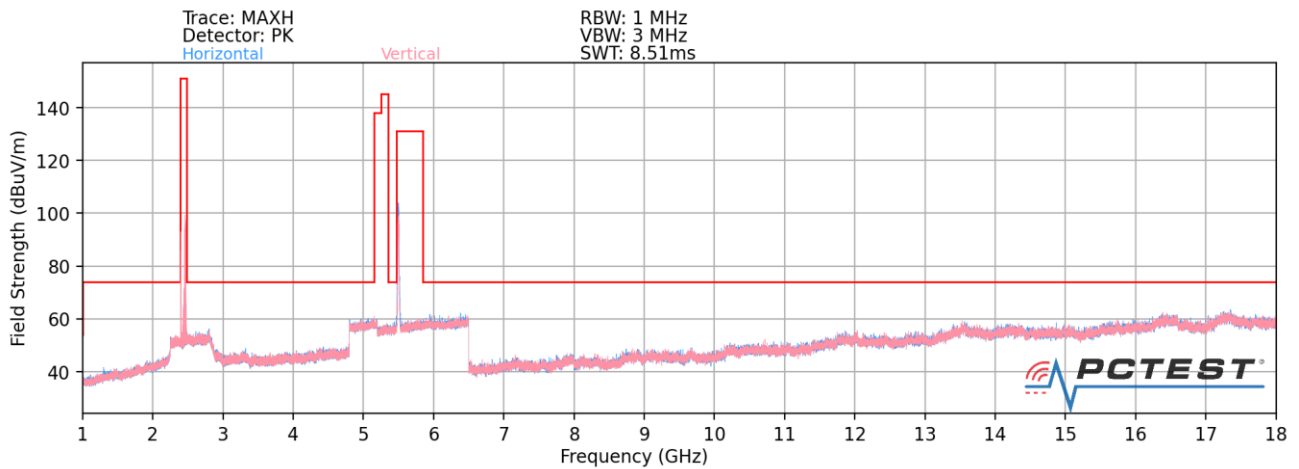
Plot 7-710. Radiated Spurious Plot 18GHz – 26.5GHz (5GHz – 2.4GHz) - Open

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 432 of 509

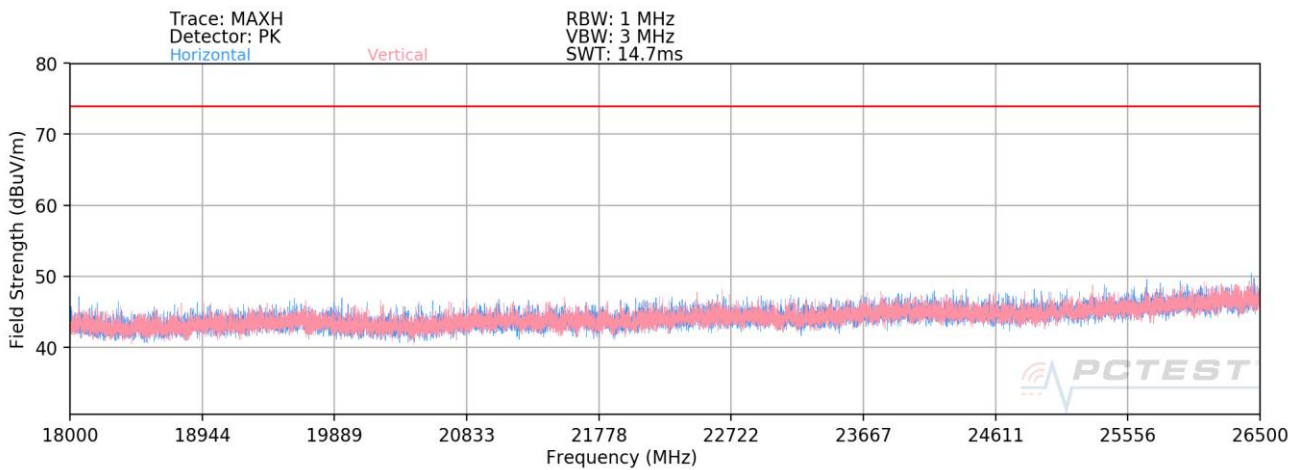




**Plot 7-711. Radiated Spurious Plot above 26.5GHz (5GHz - 2.4GHz) - Open**

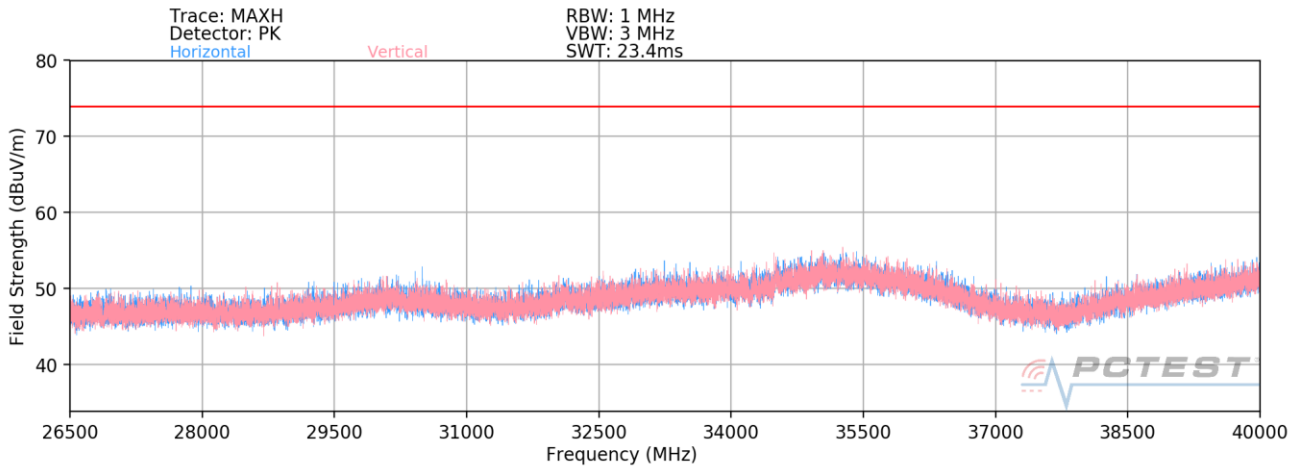


**Plot 7-712. Radiated Spurious Plot above 1GHz (5GHz - 2.4GHz) - Closed**



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

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)	 Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset	Page 433 of 509

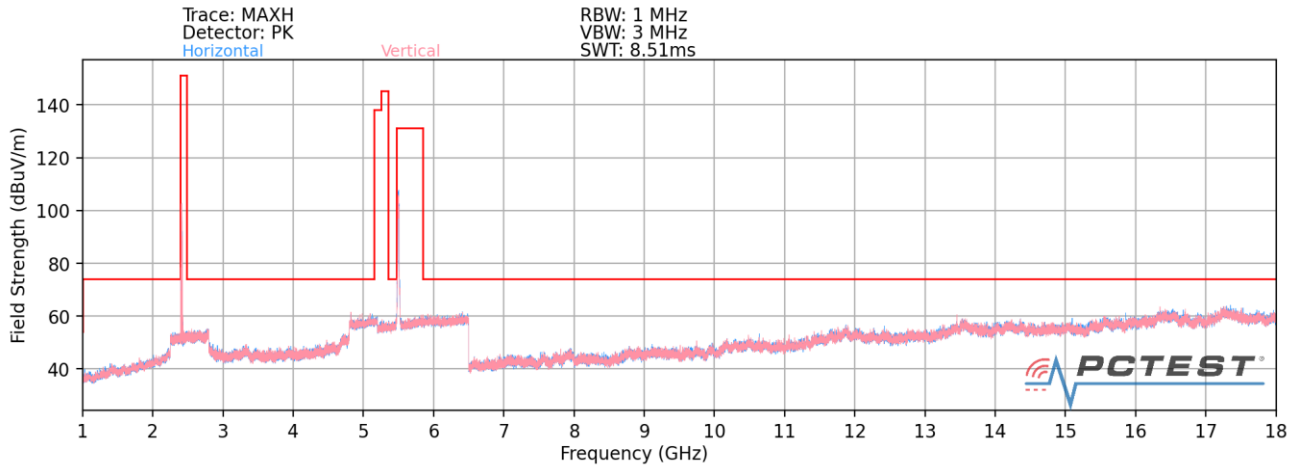


**Plot 7-714. Radiated Spurious Plot above 26.5GHz (5GHz – 2.4GHz) - Closed**

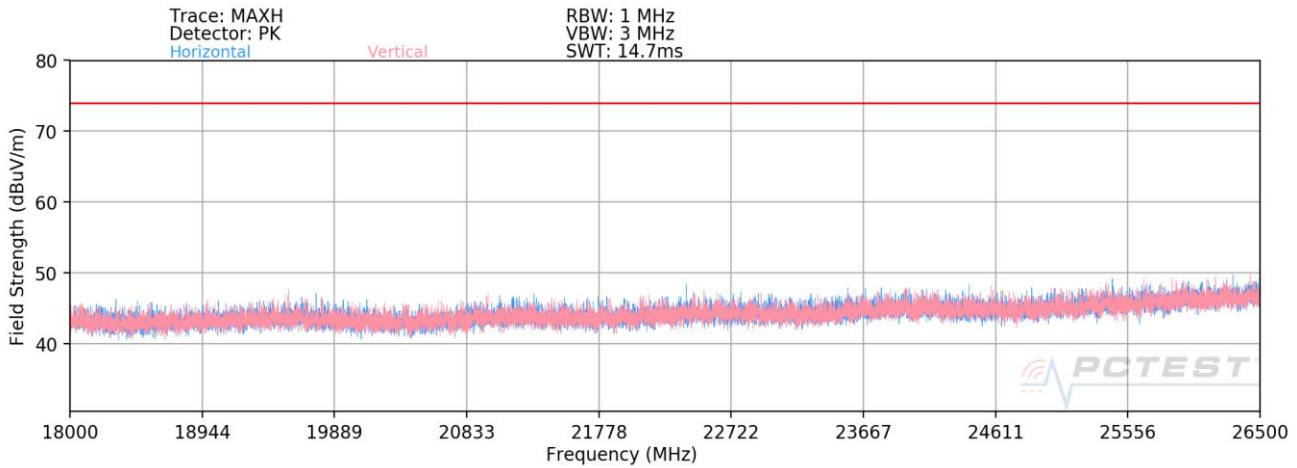
FCC ID: A3LSMF711U	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	 Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset	Page 434 of 509

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 7-96. Dual Band Simultaneous Transmission**

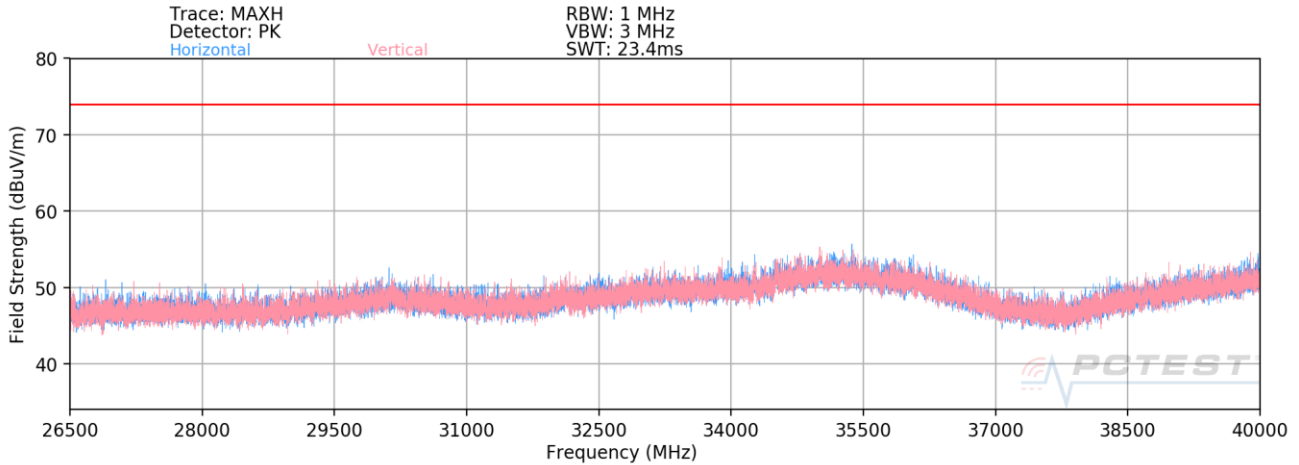


**Plot 7-715. Radiated Spurious Plot above 1GHz (5GHz - 2.4GHz) - Open**

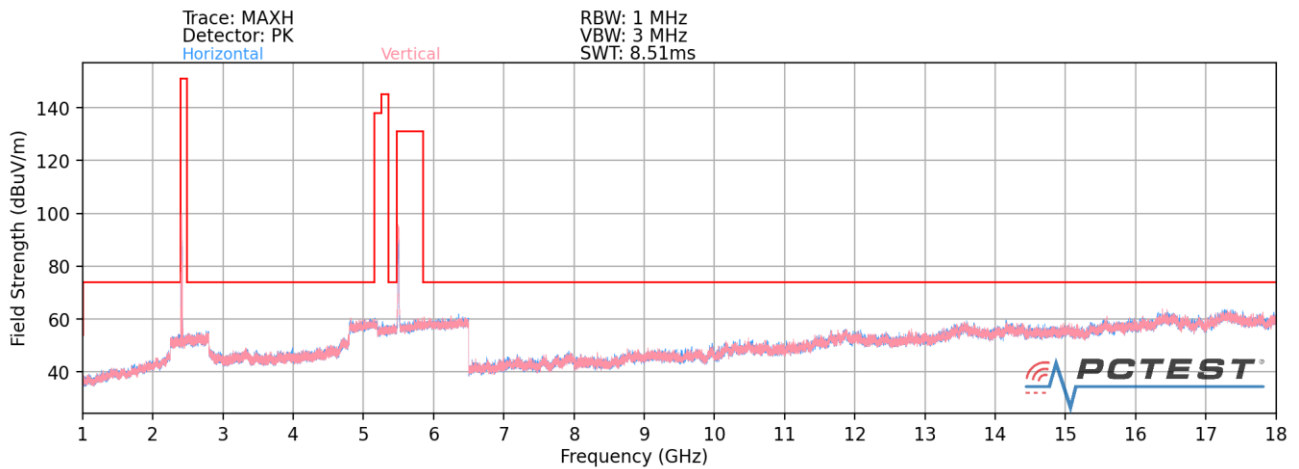


**Plot 7-716. Radiated Spurious Plot 18GHz - 26.5GHz (5GHz - 2.4GHz) - Open**

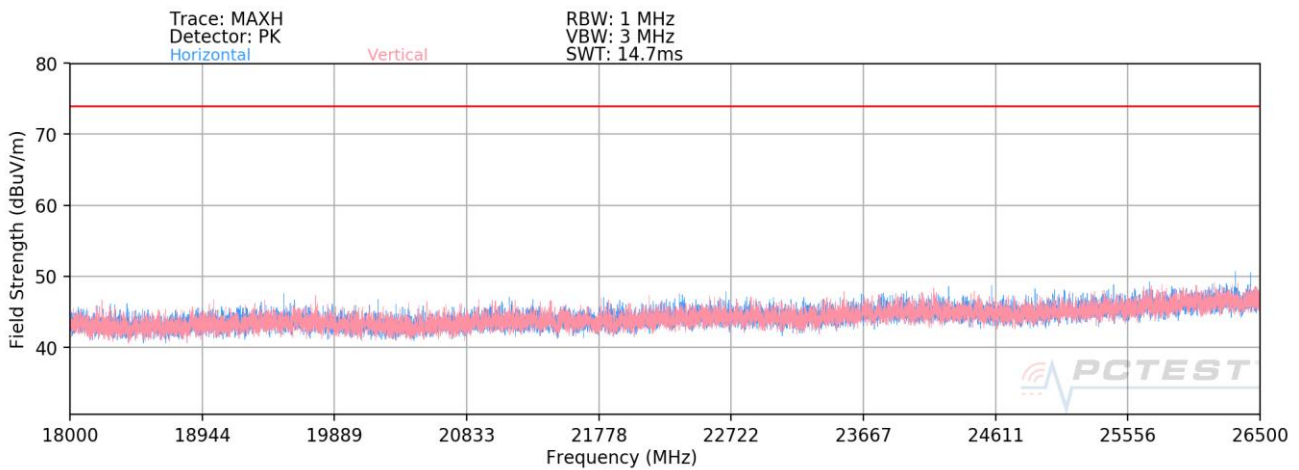
FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 435 of 509



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

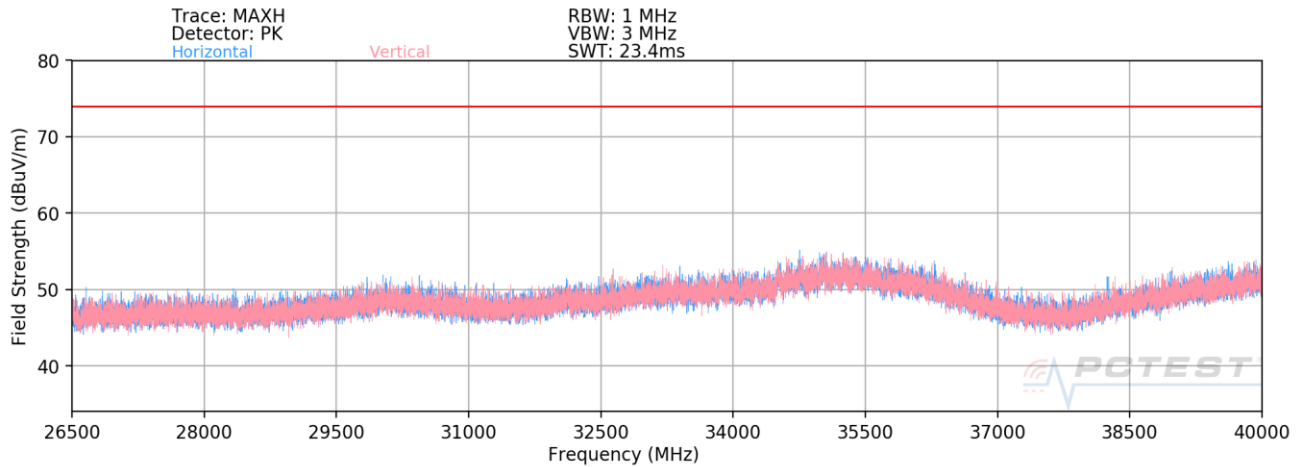


**Plot 7-718. Radiated Spurious Plot above 1GHz (5GHz - 2.4GHz) - Closed**



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

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset	Page 436 of 509



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

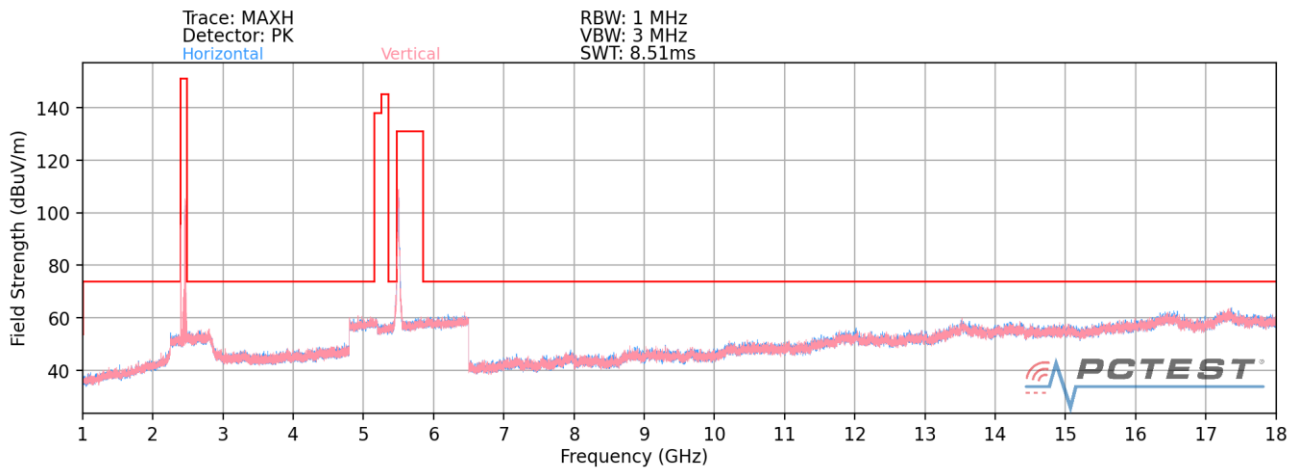
<b>FCC ID:</b> A3LSMF711U		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2104070032-14.A3L	<b>Test Dates:</b> 04/12/2021-06/02/2021	<b>EUT Type:</b> Portable Handset	Page 437 of 509

### 7.6.6 Simultaneous Tx Radiated Spurious Emissions Measurements - Q

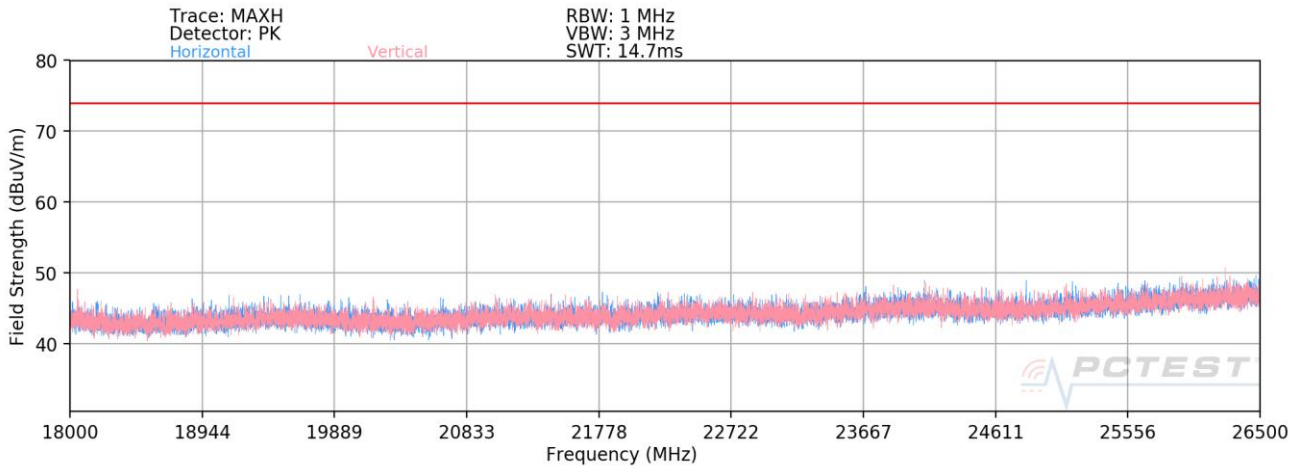
§15.407(b) §15.205 & §15.209; RSS-Gen [8.9]

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 7-97. Simultaneous Transmission Config-1

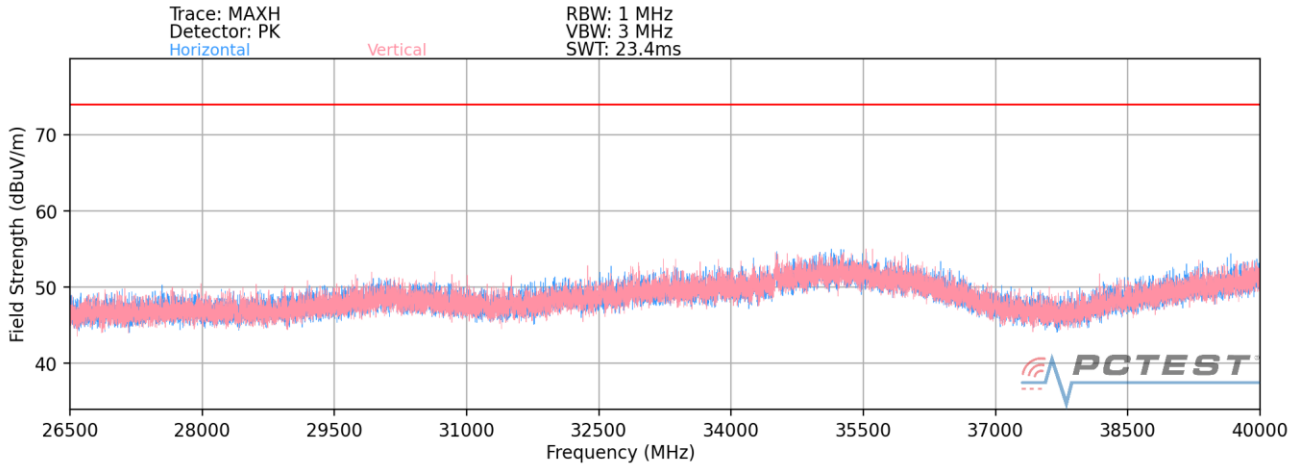


Plot 7-721. Radiated Spurious Plot above 1GHz (5GHz – 2.4GHz) - Open

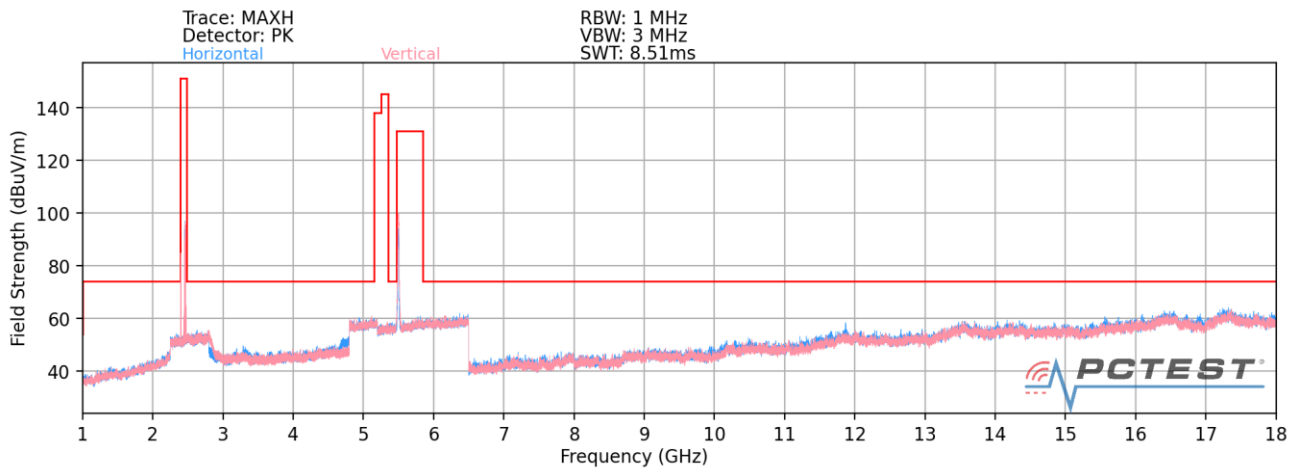


Plot 7-722. Radiated Spurious Plot 18GHz – 26.5GHz (5GHz – 2.4GHz) - Open

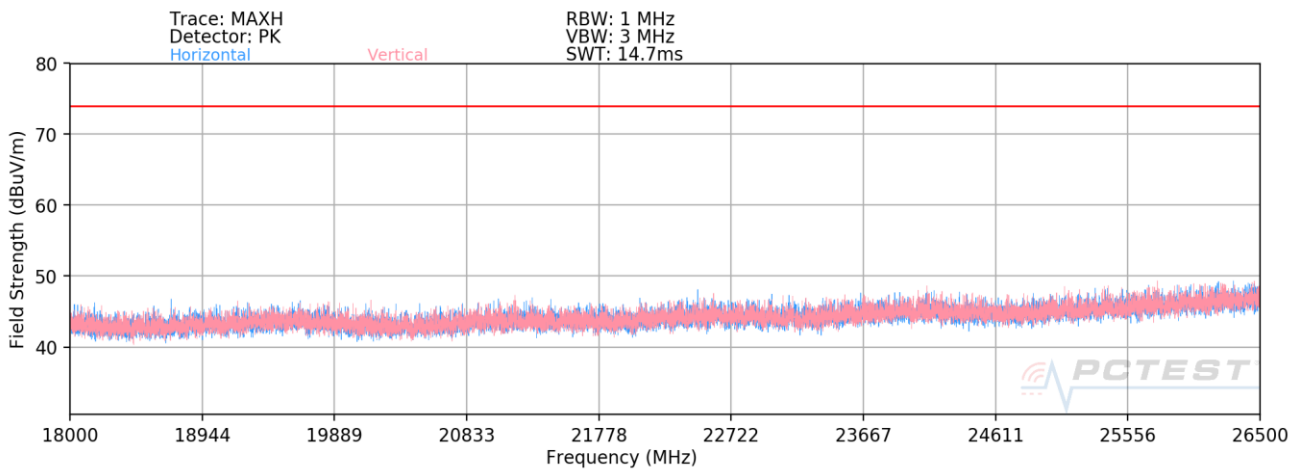
FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 438 of 509



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

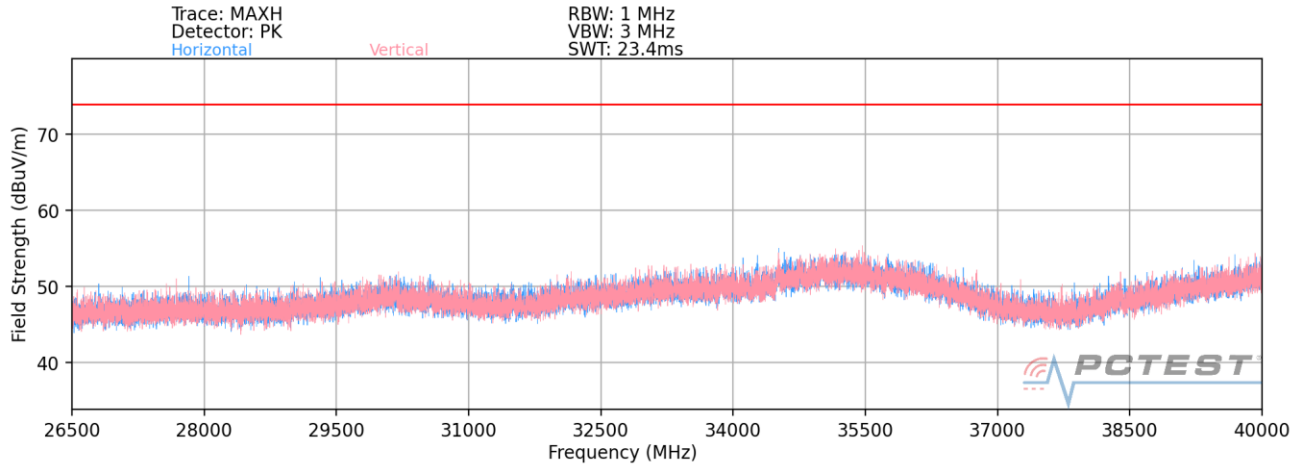


**Plot 7-724. Radiated Spurious Plot above 1GHz (5GHz - 2.4GHz) - Closed**



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

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 439 of 509



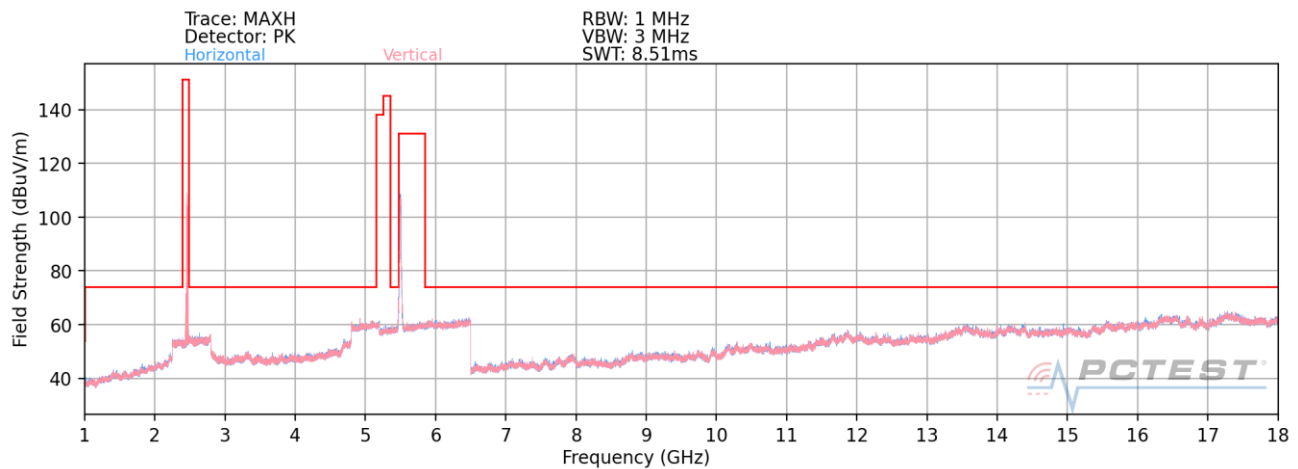
**Plot 7-726. Radiated Spurious Plot above 26.5GHz (5GHz – 2.4GHz) - Closed**

<b>FCC ID:</b> A3LSMF711U	 Proud to be part of  element	<b>MEASUREMENT REPORT                  (CERTIFICATION)</b>	 <b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2104070032-14.A3L	<b>Test Dates:</b> 04/12/2021-06/02/2021	<b>EUT Type:</b> Portable Handset	Page 440 of 509

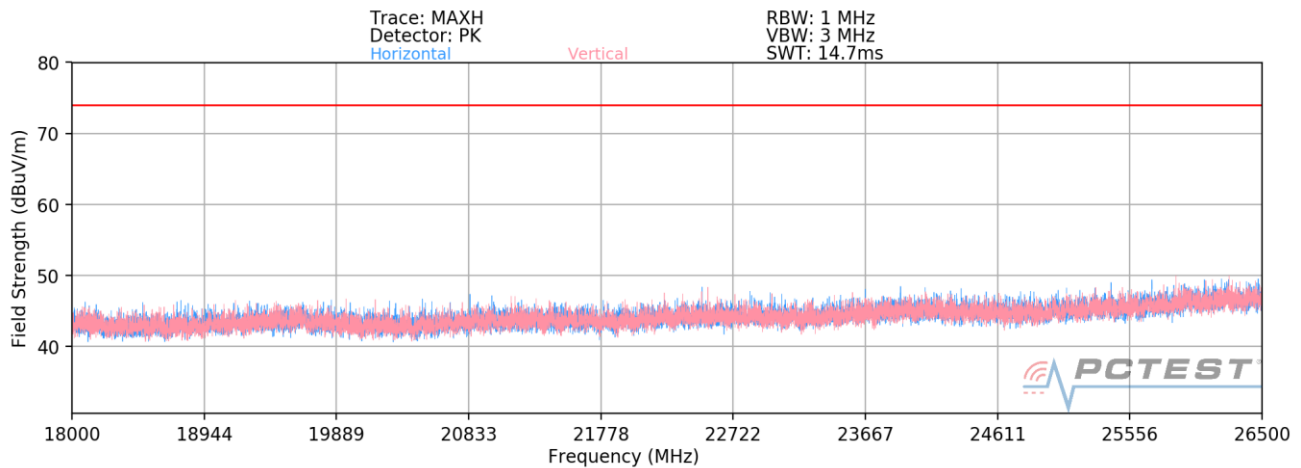


Description	2.4 GHz Emission	5 GHz Emission
Antenna	1, 2	1, 2
Channel	11	100
Operating Frequency (MHz)	2462	5500
Data Rate (Mbps)	1	6
Mode	802.11b	802.11a

Table 7-98. Dual Band Simultaneous Transmission

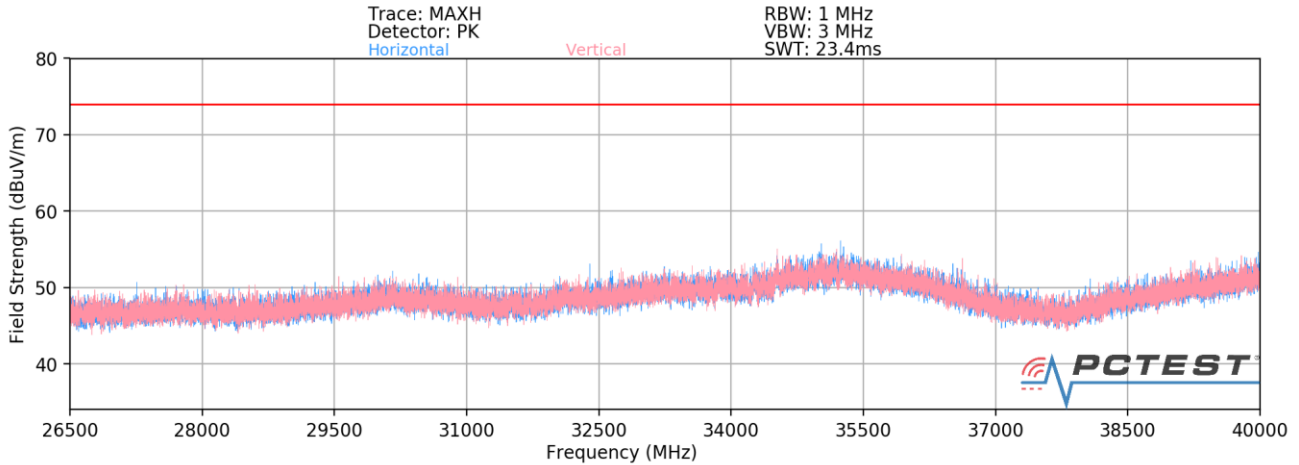


Plot 7-727. Radiated Spurious Plot above 1GHz (5GHz - 2.4GHz) - Open

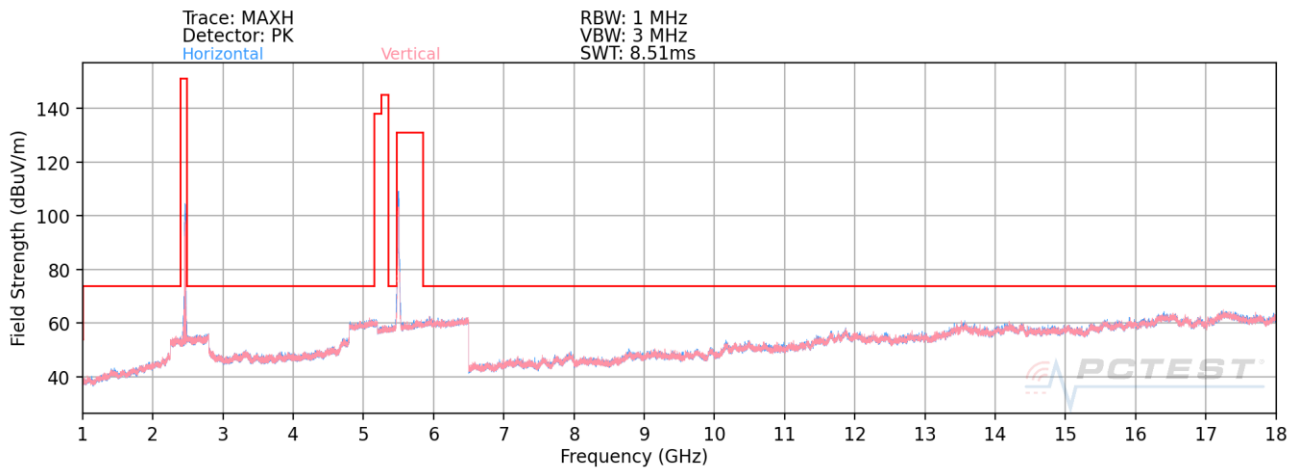


Plot 7-728. Radiated Spurious Plot 18GHz - 26.5GHz (5GHz - 2.4GHz) - Open

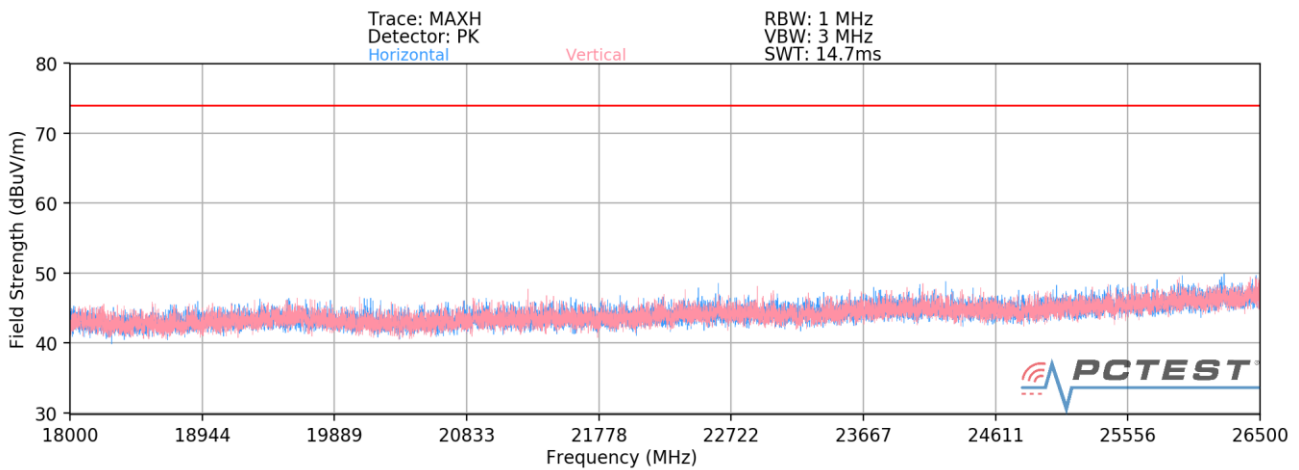
FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 441 of 509



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

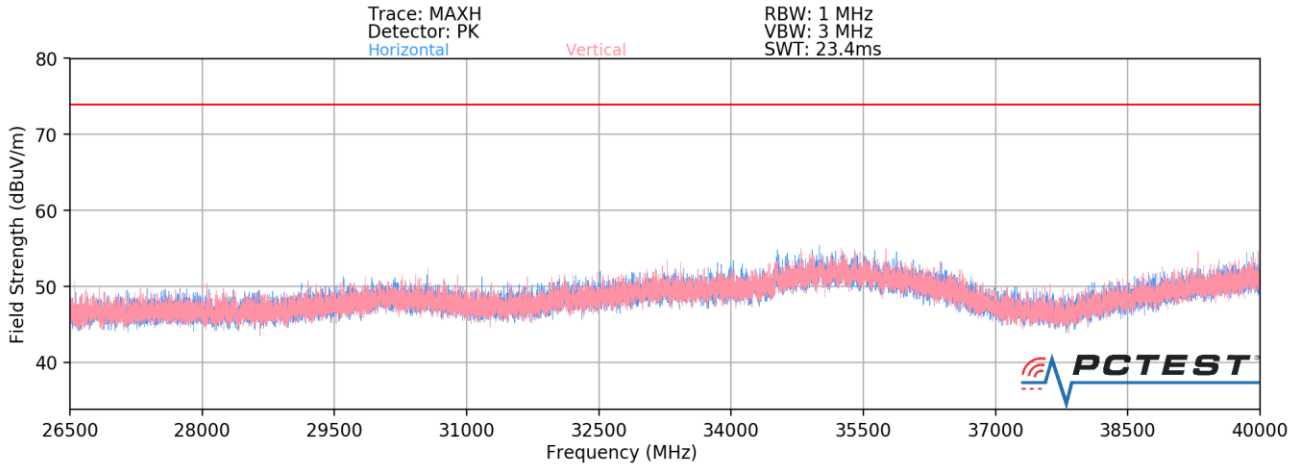


**Plot 7-730. Radiated Spurious Plot above 1GHz (5GHz - 2.4GHz) - Closed**



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

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 442 of 509



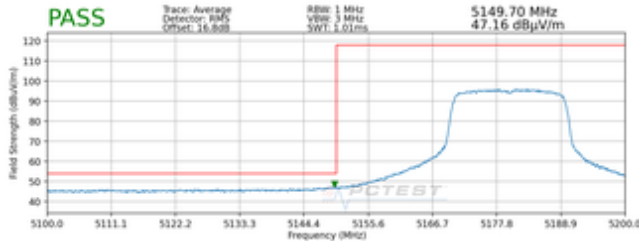
**Plot 7-732. Radiated Spurious Plot above 26.5GHz (5GHz – 2.4GHz) - Closed**

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)	 Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset	Page 443 of 509

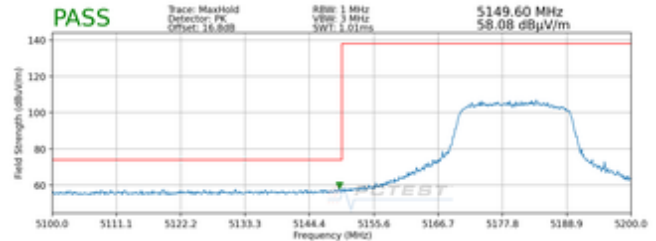
### 7.6.7 SISO Antenna-1 Radiated Band Edge Measurements (20MHz BW) - N

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

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

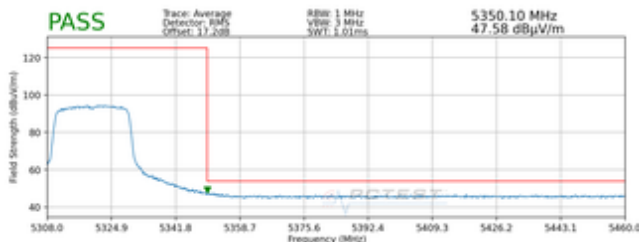


**Plot 7-733. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 1)**

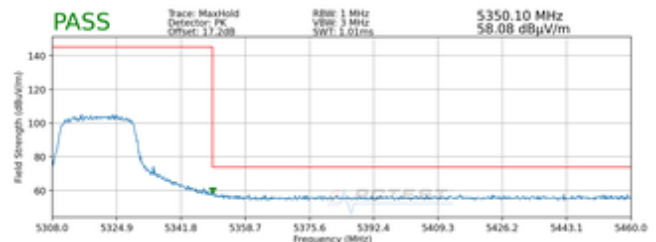


**Plot 7-734. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 1)**

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



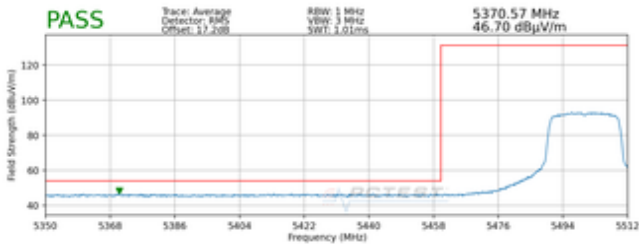
**Plot 7-735. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 2A)**



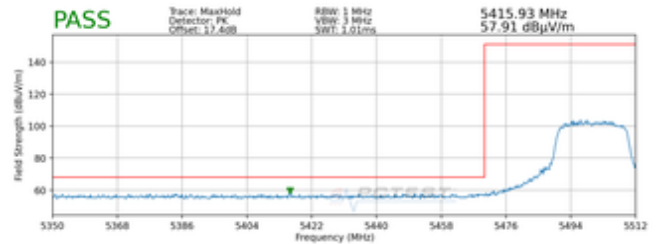
**Plot 7-736. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 2A)**

FCC ID: A3LSMF711U	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 444 of 509

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

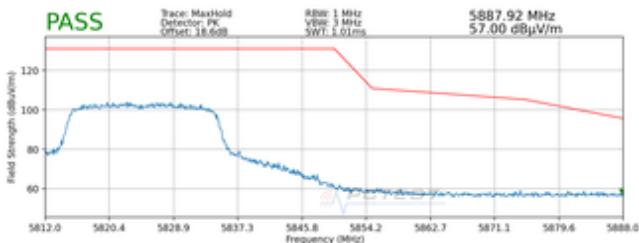


**Plot 7-737. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 2C)**



**Plot 7-738. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 2C)**

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

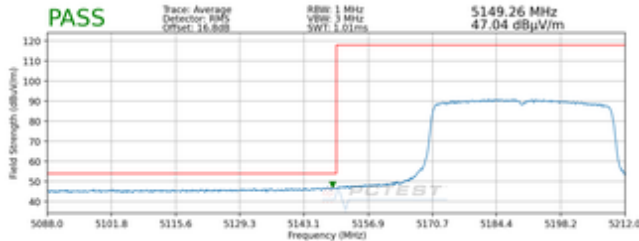


**Plot 7-739. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 3)**

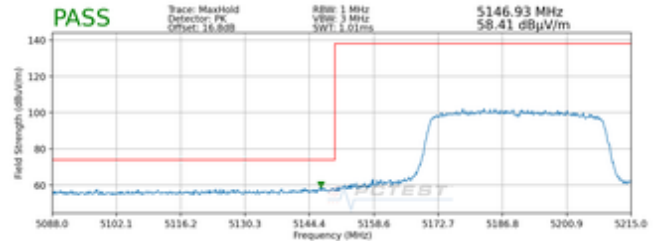
FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)	 Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset	Page 445 of 509

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

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

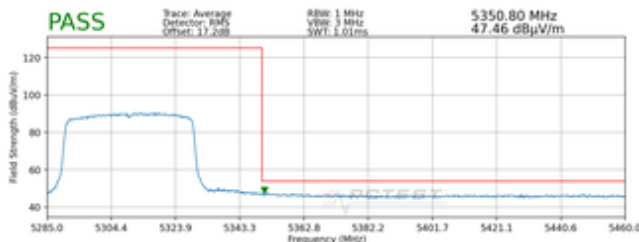


**Plot 7-740. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 1)**

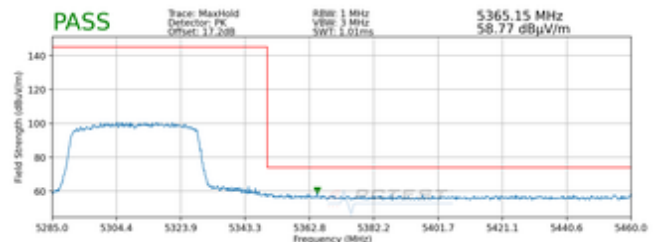


**Plot 7-741. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 1)**

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



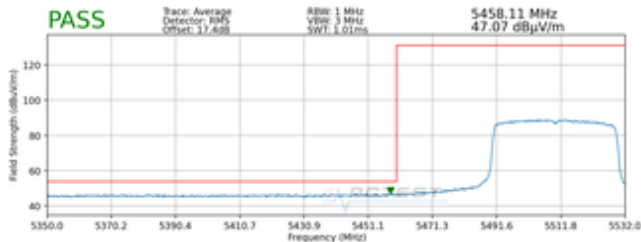
**Plot 7-742. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 2A)**



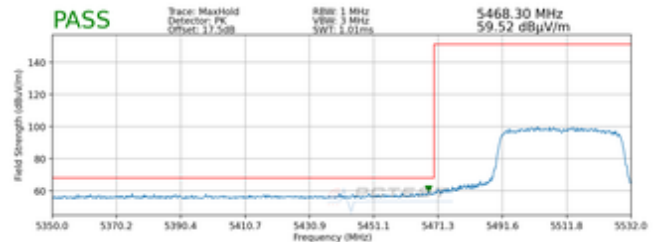
**Plot 7-743. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 2A)**

FCC ID: A3LSMF711U	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 446 of 509

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

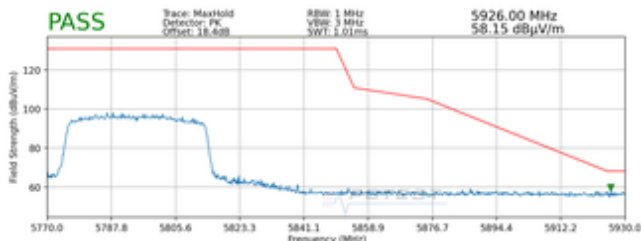


**Plot 7-744. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 2C)**



**Plot 7-745. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 2C)**

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

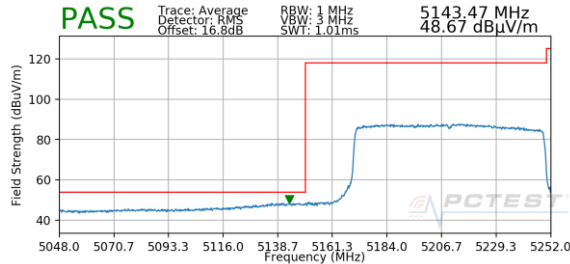


**Plot 7-746. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 3)**

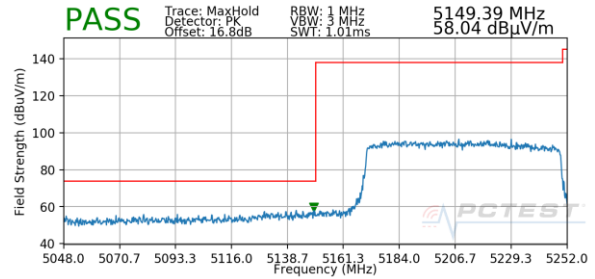
FCC ID: A3LSMF711U	 Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 447 of 509

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

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

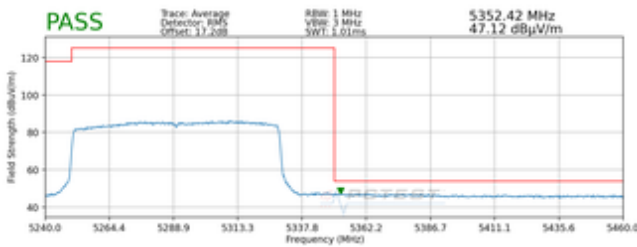


**Plot 7-747. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 1)**

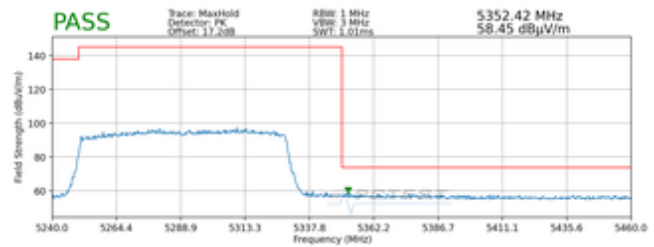


**Plot 7-748. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 1)**

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



**Plot 7-749. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 2A)**

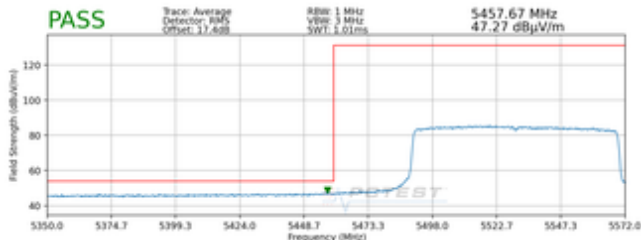


**Plot 7-750. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 2A)**

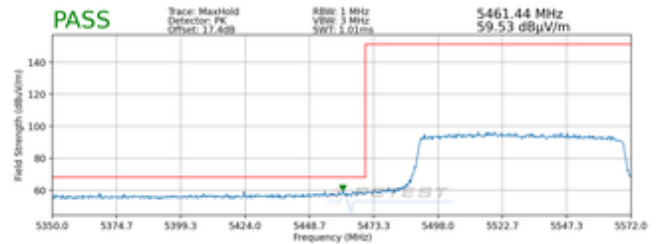
FCC ID: A3LSMF711U	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 448 of 509



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

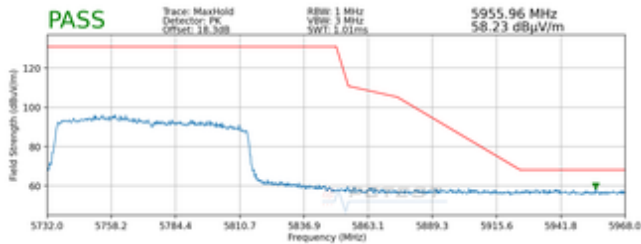


**Plot 7-751. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 2C)**



**Plot 7-752. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 2C)**

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



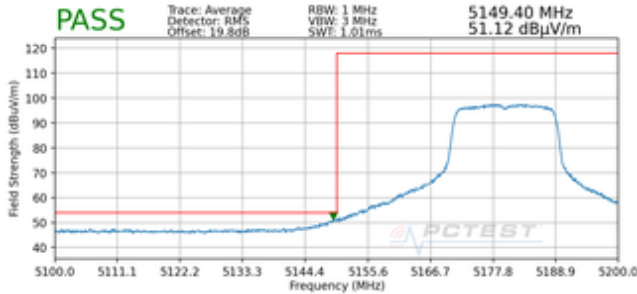
**Plot 7-753. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 3)**

FCC ID: A3LSMF711U	 <p>Proud to be part of </p>	MEASUREMENT REPORT (CERTIFICATION)	 Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset	Page 449 of 509

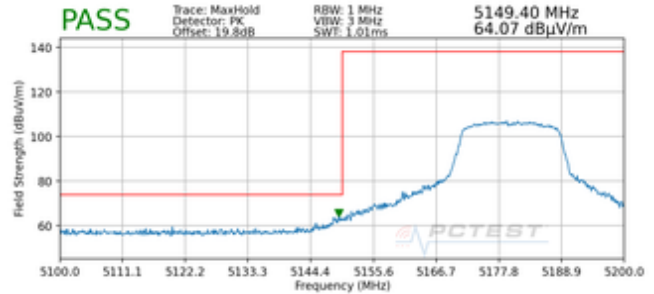
### 7.6.10 SISO Antenna-1 Radiated Band Edge Measurements (20MHz BW) - Q

§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

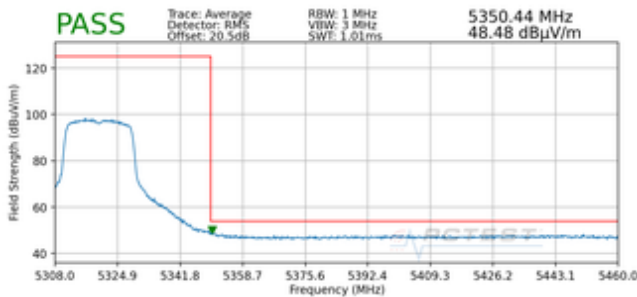


**Plot 7-754. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 1)**

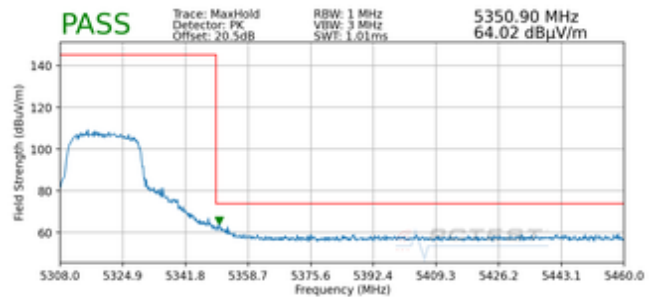


**Plot 7-755. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 1)**

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



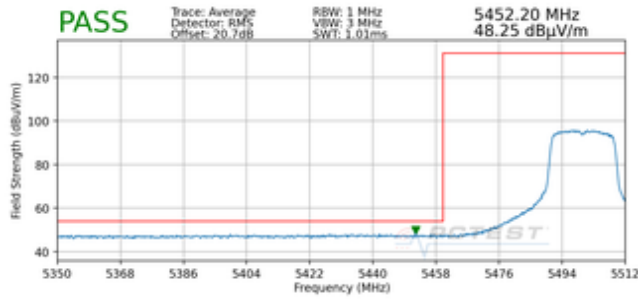
**Plot 7-756. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 2A)**



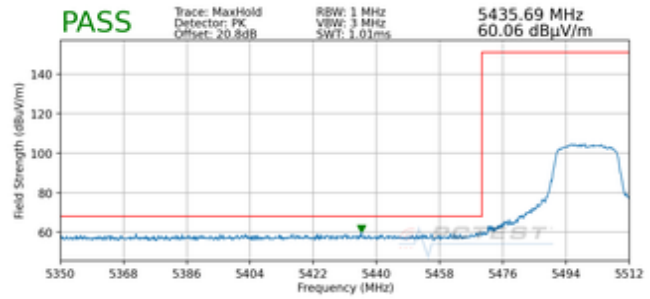
**Plot 7-757. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 2A)**

FCC ID: A3LSMF711U	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 450 of 509

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

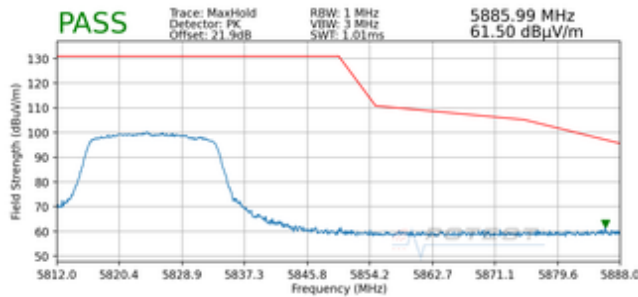


**Plot 7-758. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 2C)**



**Plot 7-759. 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

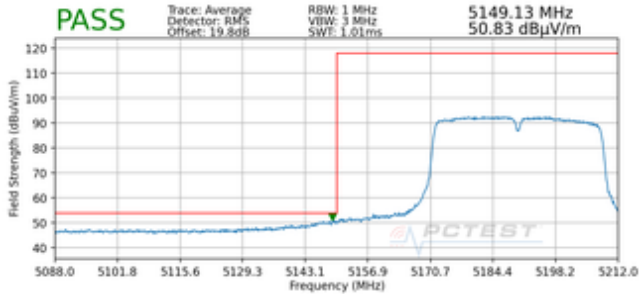


**Plot 7-760. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 3)**

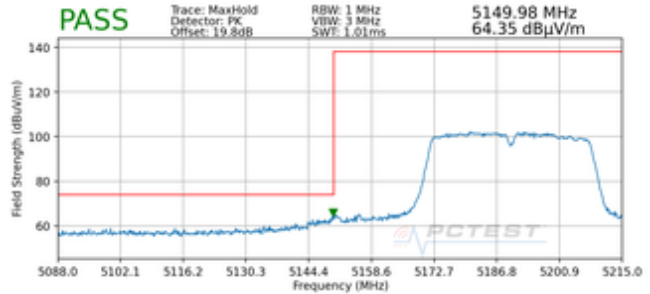
FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)	 Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset	Page 451 of 509

### 7.6.11 SISO Antenna-1 Radiated Band Edge Measurements (40MHz BW) – Q §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

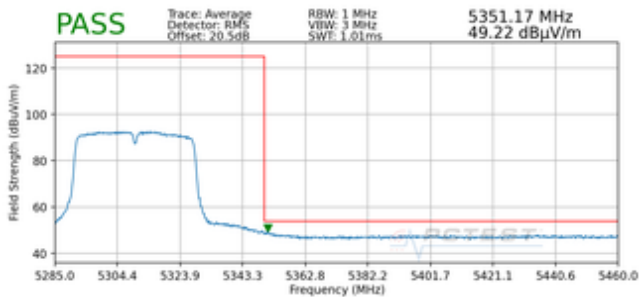


**Plot 7-761. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 1)**

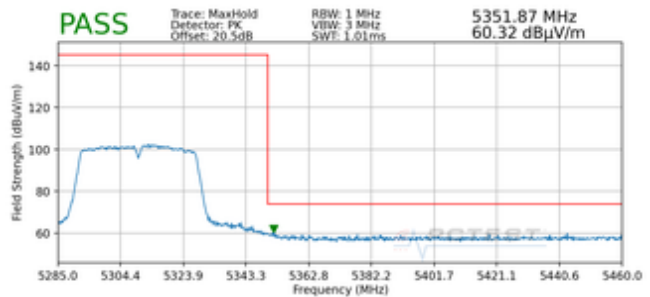


**Plot 7-762. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 1)**

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



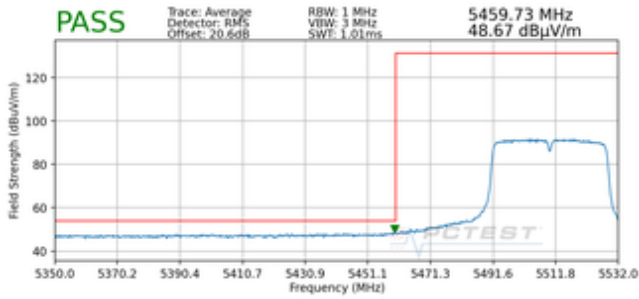
**Plot 7-763. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 2A)**



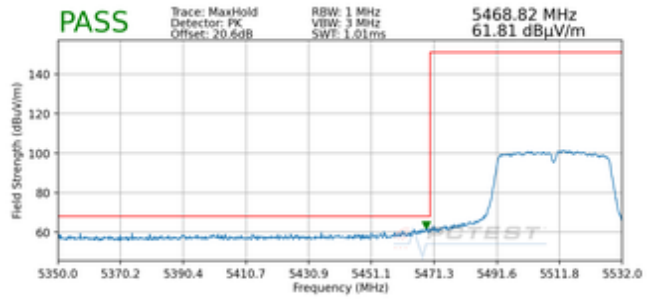
**Plot 7-764. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 2A)**

FCC ID: A3LSMF711U	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 452 of 509

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

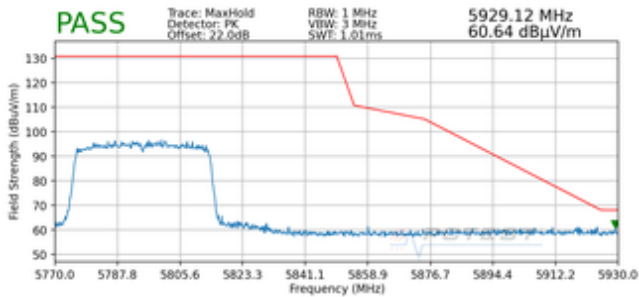


**Plot 7-765. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 2C)**



**Plot 7-766. 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



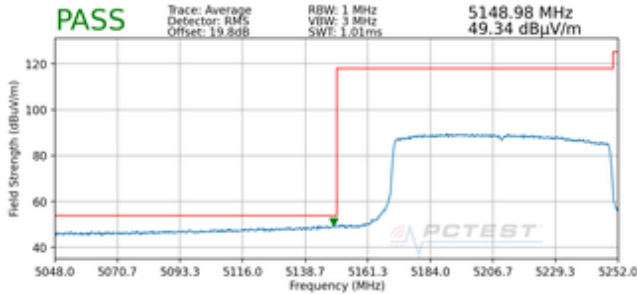
**Plot 7-767. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 3)**

FCC ID: A3LSMF711U	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 453 of 509

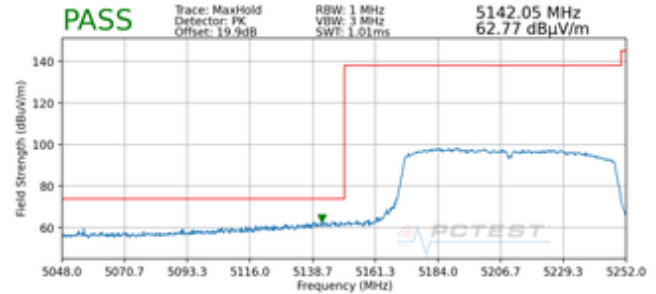
### 7.6.12 SISO Antenna-1 Radiated Band Edge Measurements (80MHz BW) - Q

§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

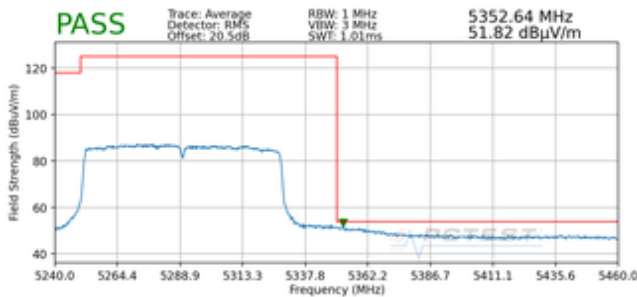


**Plot 7-768. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 1)**

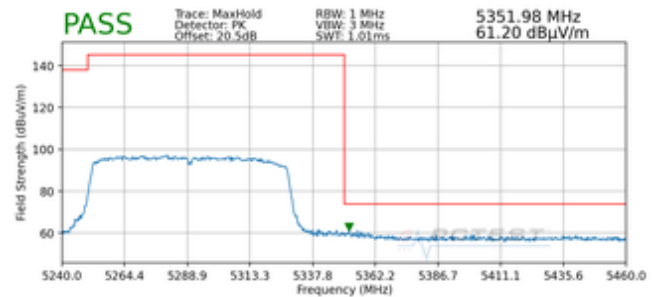


**Plot 7-769. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 1)**

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



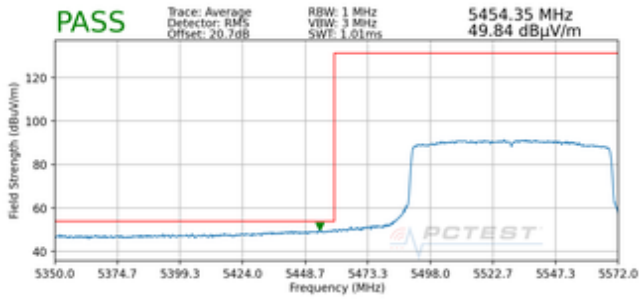
**Plot 7-770. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 2A)**



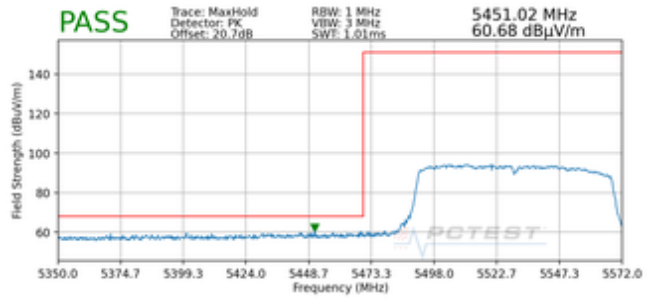
**Plot 7-771. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 2A)**

FCC ID: A3LSMF711U	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 454 of 509

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

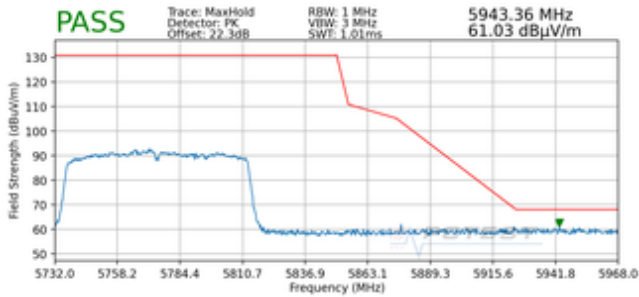


**Plot 7-772. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 2C)**



**Plot 7-773. 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



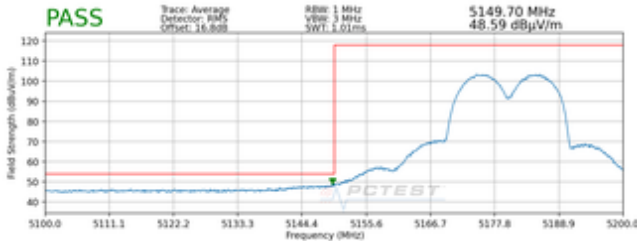
**Plot 7-774. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 3)**

FCC ID: A3LSMF711U	 Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset	Page 455 of 509	

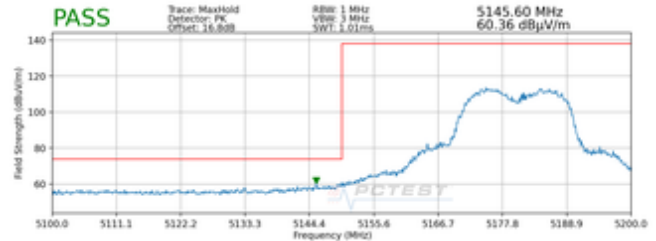


### 7.6.13 MIMO Radiated Band Edge Measurements (20MHz BW) - N §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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

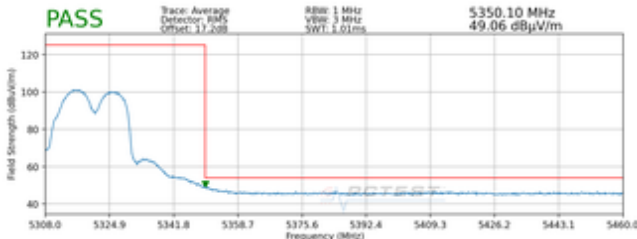


**Plot 7-775. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)**

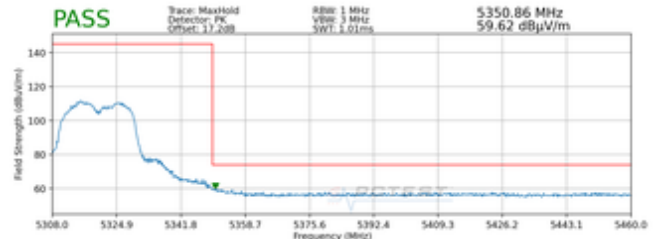


**Plot 7-776. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1)**

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



**Plot 7-777. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A)**

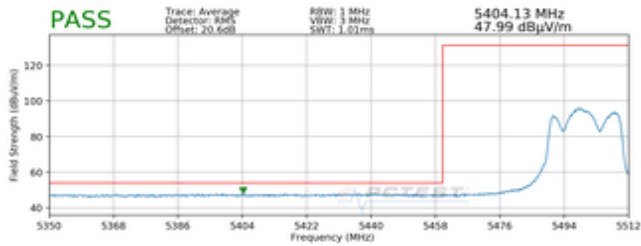


**Plot 7-778. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A)**

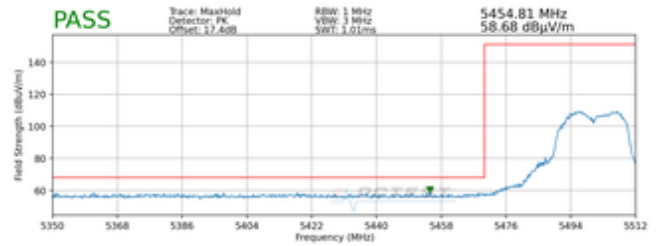
FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 456 of 509



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

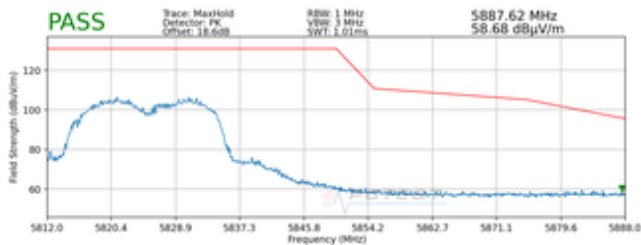


**Plot 7-779. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C)**



**Plot 7-780. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C)**

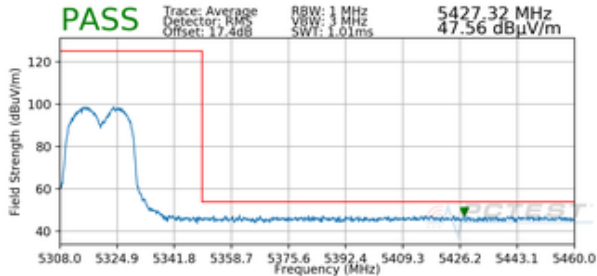
Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 Worst Case Orientation: Closed  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5825MHz  
 Channel: 165



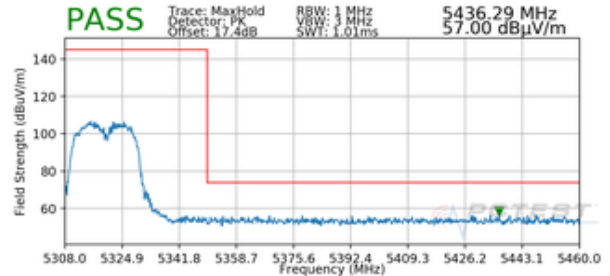
**Plot 7-781. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3)**

FCC ID: A3LSMF711U	 <p>Proud to be part of </p>	MEASUREMENT REPORT (CERTIFICATION)	 Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset	Page 457 of 509

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



**Plot 7-782. Radiated Upper Band Edge Plot MIMO with WCP (Average – UNII Band 2A)**

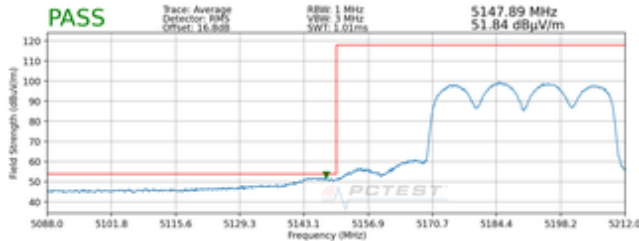


**Plot 7-783. Radiated Upper Band Edge Plot MIMO with WCP (Peak – UNII Band 2A)**

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)	 Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset	Page 458 of 509

### 7.6.14 MIMO Radiated Band Edge Measurements (40MHz BW) - N §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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

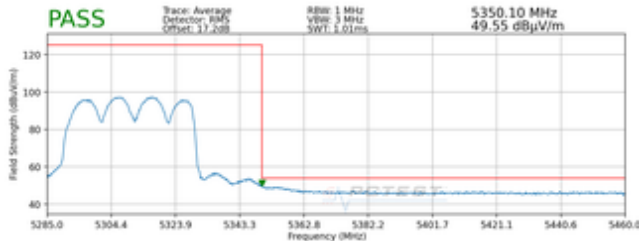


**Plot 7-784. Radiated Lower Band Edge Plot MIMO  
(Average – UNII Band 1)**



**Plot 7-785. Radiated Lower Band Edge Plot MIMO  
(Peak – UNII Band 1)**

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



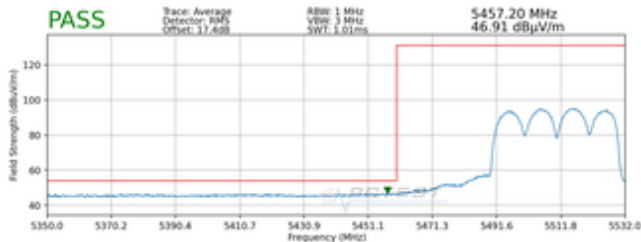
**Plot 7-786. Radiated Upper Band Edge Plot MIMO  
(Average – UNII Band 2A)**



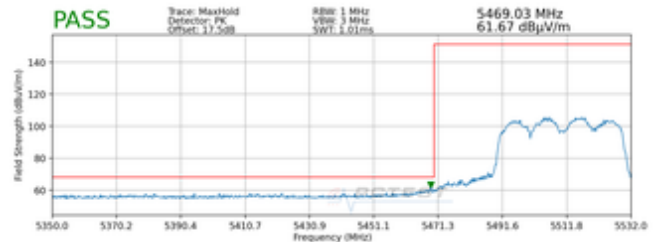
**Plot 7-787. Radiated Upper Band Edge Plot MIMO  
(Peak – UNII Band 2A)**

FCC ID: A3LSMF711U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 459 of 509

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

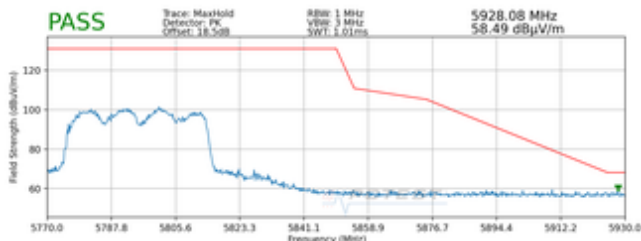


**Plot 7-788. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 2C)**



**Plot 7-789. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 2C)**

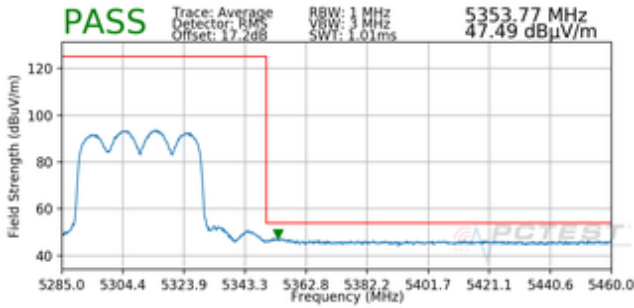
Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 Worst Case Orientation: Closed  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5795MHz  
 Channel: 159



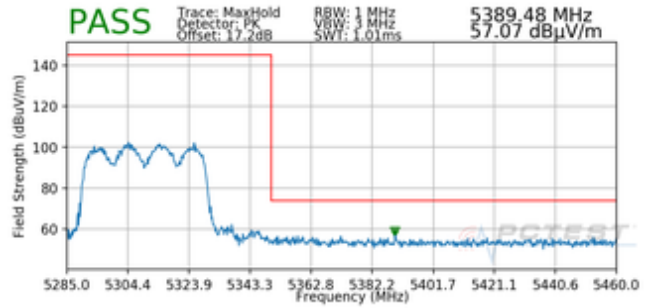
**Plot 7-790. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3)**

FCC ID: A3LSMF711U	 <p>Proud to be part of </p>	MEASUREMENT REPORT (CERTIFICATION)	 <p>Approved by: Technical Manager</p>
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset	Page 460 of 509

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



**Plot 7-791. Radiated Upper Band Edge Plot MIMO with WCP (Average – UNII Band 2A)**

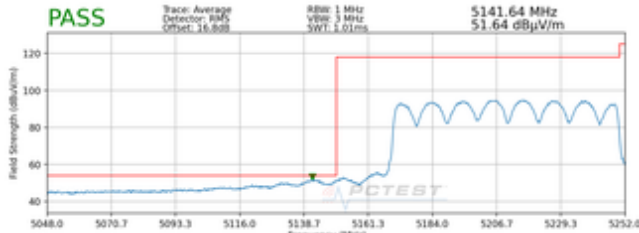


**Plot 7-792. Radiated Upper Band Edge Plot MIMO with WCP (Peak – UNII Band 2A)**

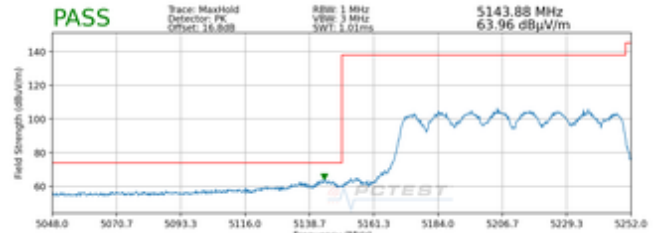
FCC ID: A3LSMF711U	 <p>Proud to be part of </p>	MEASUREMENT REPORT (CERTIFICATION)	 Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset	Page 461 of 509

### 7.6.15 MIMO Radiated Band Edge Measurements (80MHz BW) – N §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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

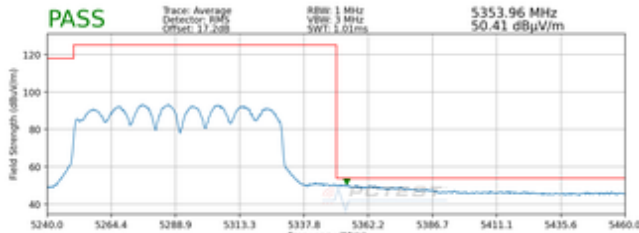


**Plot 7-793. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1)**

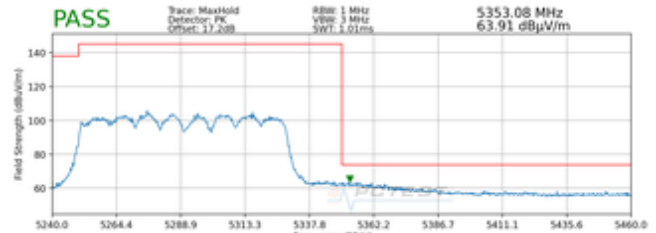


**Plot 7-794. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1)**

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



**Plot 7-795. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A)**



**Plot 7-796. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A)**

FCC ID: A3LSMF711U	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2104070032-14.A3L	Test Dates: 04/12/2021-06/02/2021	EUT Type: Portable Handset		Page 462 of 509