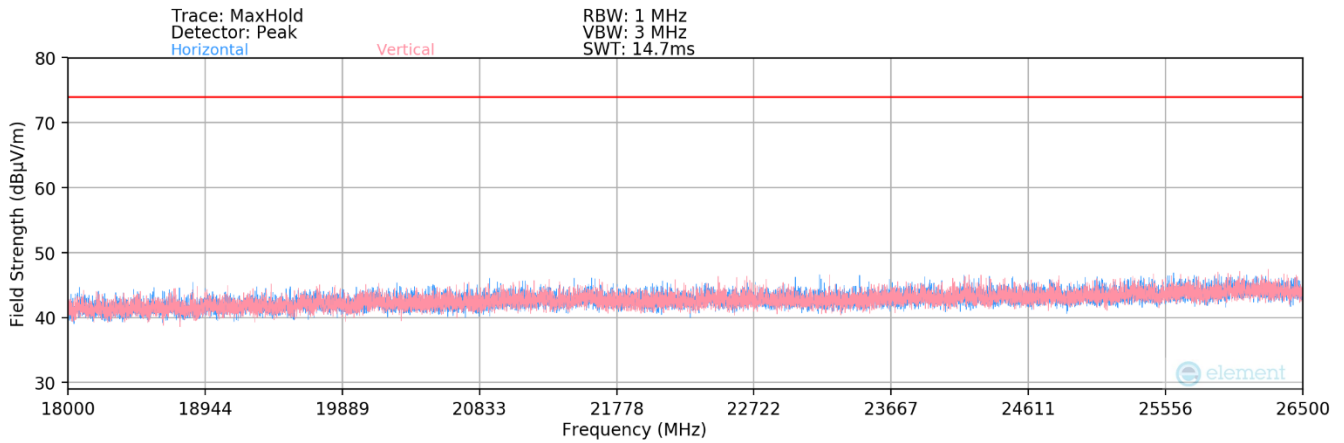
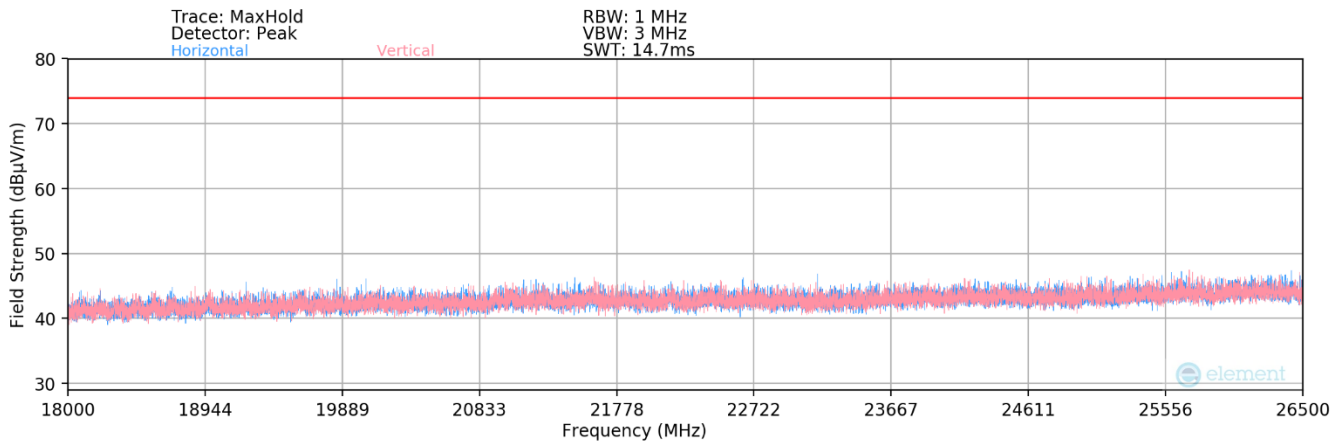



**SISO Antenna-2 Radiated Spurious Emissions Measurements (Above 18GHz)**  
§15.209; RSS-Gen [8.9]



**Plot 7-91. Radiated Spurious Plot above 18GHz SISO ANT2 (802.11ax OFDMA – 26 Tones)**



**Plot 7-92. Radiated Spurious Plot above 18GHz SISO ANT2 (802.11ax OFDMA – 242 Tones)**

<b>FCC ID:</b> A3LSMS916U	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2209010097-12.A3L		<b>Test Dates:</b> 09/02/2022-11/08/2022



**SISO Antenna-2 Radiated Spurious Emission Measurements**  
§15.247(d) §15.205 & §15.209; RSS-Gen [8.9]

Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS0  
 RU Index: 4  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2412MHz  
 Channel: 01

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]
4824.00	Avg	V	-	-	-84.25	7.78	30.53	53.98	-23.45
4824.00	Peak	V	-	-	-75.00	7.78	39.78	73.98	-34.20
12060.00	Avg	V	-	-	-86.13	18.26	39.13	53.98	-14.85
12060.00	Peak	V	-	-	-76.60	18.26	48.66	73.98	-25.32

**Table 7-16. Radiated Measurements SISO ANT2 (26 Tones)**

Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS0  
 RU Index: 0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2437MHz  
 Channel: 06

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]
4874.00	Avg	V	-	-	-84.17	7.53	30.36	53.98	-23.62
4874.00	Peak	V	-	-	-74.68	7.53	39.85	73.98	-34.13
7311.00	Avg	V	-	-	-85.29	12.43	34.14	53.98	-19.84
7311.00	Peak	V	-	-	-75.95	12.43	43.48	73.98	-30.50
12185.00	Avg	V	-	-	-86.74	19.08	39.34	53.98	-14.64
12185.00	Peak	V	-	-	-76.01	19.08	50.07	73.98	-23.91

**Table 7-17. Radiated Measurements SISO ANT2 (26 Tones)**

FCC ID: A3LSMS916U	<b>MEASUREMENT REPORT (CERTIFICATION)</b>	Approved by: Technical Manager
Test Report S/N: 1M2209010097-12.A3L	Test Dates: 09/02/2022-11/08/2022	EUT Type: Portable Handset
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Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS0  
 RU Index: 8  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2462MHz  
 Channel: 11

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]
4924.00	Avg	V	-	-	-79.50	7.54	35.04	53.98	-18.94
4924.00	Peak	V	-	-	-68.88	7.54	45.66	73.98	-28.32
7386.00	Avg	V	-	-	-80.41	12.14	38.73	53.98	-15.25
7386.00	Peak	V	-	-	-69.73	12.14	49.41	73.98	-24.57
12310.00	Avg	V	-	-	-81.26	18.99	44.73	53.98	-9.25
12310.00	Peak	V	-	-	-71.57	18.99	54.42	73.98	-19.56

**Table 7-18. Radiated Measurements SISO ANT2 (26 Tones)**

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]
4924.00	Avg	V	-	-	-79.35	7.54	35.19	53.98	-18.79
4924.00	Peak	V	-	-	-68.71	7.54	45.83	73.98	-28.15
7386.00	Avg	V	-	-	-80.40	12.14	38.74	53.98	-15.24
7386.00	Peak	V	-	-	-70.10	12.14	49.04	73.98	-24.94
12310.00	Avg	V	-	-	-81.86	18.99	44.13	53.98	-9.85
12310.00	Peak	V	-	-	-71.01	18.99	54.98	73.98	-19.00

**Table 7-19. Radiated Measurements SISO ANT2 (26 Tones) with WCP**

FCC ID: A3LSMS916U	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2209010097-12.A3L	<b>Test Dates:</b> 09/02/2022-11/08/2022	<b>EUT Type:</b> Portable Handset	Page 81 of 95

Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2412MHz  
 Channel: 01


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]
4824.00	Avg	V	-	-	-79.68	7.78	35.10	53.98	-18.88
4824.00	Peak	V	-	-	-69.61	7.78	45.17	73.98	-28.81
12060.00	Avg	V	-	-	-81.26	18.26	44.00	53.98	-9.98
12060.00	Peak	V	-	-	-70.77	18.26	54.49	73.98	-19.49

**Table 7-20. Radiated Measurements SISO ANT2 (242 Tones)**

Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2437MHz  
 Channel: 06

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]
4874.00	Avg	V	-	-	-79.60	7.53	34.93	53.98	-19.05
4874.00	Peak	V	-	-	-69.06	7.53	45.47	73.98	-28.51
7311.00	Avg	V	-	-	-80.36	12.43	39.07	53.98	-14.91
7311.00	Peak	V	-	-	-70.18	12.43	49.25	73.98	-24.73
12185.00	Avg	V	-	-	-81.98	19.08	44.10	53.98	-9.88
12185.00	Peak	V	-	-	-71.54	19.08	54.54	73.98	-19.44

**Table 7-21. Radiated Measurements SISO ANT2 (242 Tones)**

FCC ID: A3LSMS916U		<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
Test Report S/N: 1M2209010097-12.A3L	Test Dates: 09/02/2022-11/08/2022	EUT Type: Portable Handset		Page 82 of 95


Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2462MHz  
 Channel: 11

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]
4924.00	Avg	V	-	-	-79.53	7.54	35.01	53.98	-18.97
4924.00	Peak	V	-	-	-69.10	7.54	45.44	73.98	-28.54
7386.00	Avg	V	-	-	-80.15	12.14	38.99	53.98	-14.99
7386.00	Peak	V	-	-	-69.85	12.14	49.29	73.98	-24.69
12310.00	Avg	V	-	-	-81.91	18.99	44.08	53.98	-9.90
12310.00	Peak	V	-	-	-71.93	18.99	54.06	73.98	-19.92

**Table 7-22. Radiated Measurements SISO ANT2 (242 Tones)**

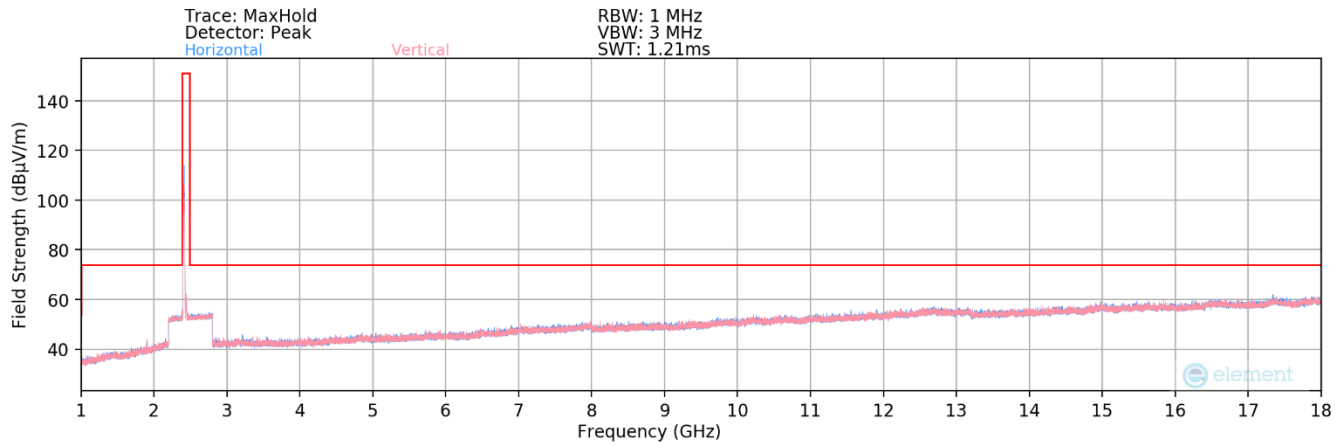
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
4924.00	Avg	V	-	-	-80.53	7.54	34.01	53.98	-19.97
4924.00	Peak	V	-	-	-70.44	7.54	44.10	73.98	-29.88
7386.00	Avg	V	-	-	-80.31	12.14	38.83	53.98	-15.15
7386.00	Peak	V	-	-	-69.37	12.14	49.77	73.98	-24.21
12310.00	Avg	V	-	-	-82.05	18.99	43.94	53.98	-10.04
12310.00	Peak	V	-	-	-71.90	18.99	54.09	73.98	-19.89

**Table 7-23. Radiated Measurements SISO ANT2 (242 Tones) with WCP**

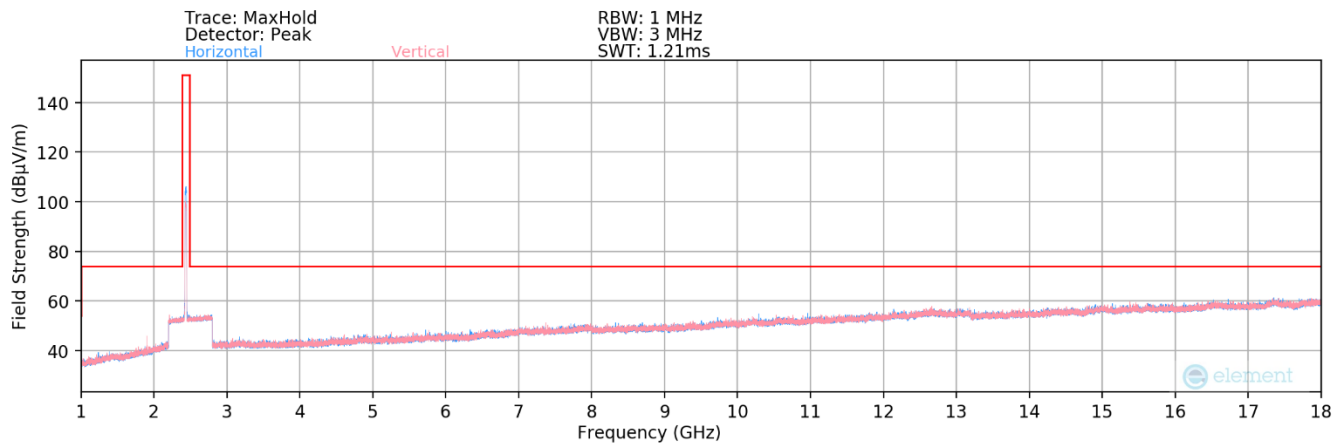
FCC ID: A3LSMS916U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2209010097-12.A3L	Test Dates: 09/02/2022-11/08/2022	EUT Type: Portable Handset		Page 83 of 95

## 7.7.2 MIMO Radiated Spurious Emission Measurements

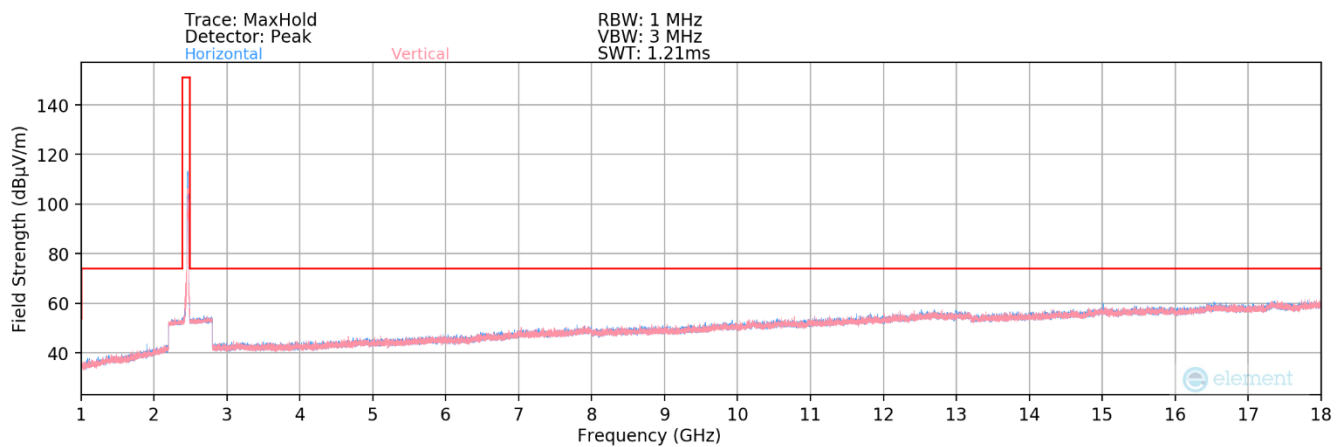
§15.247(d) §15.205 & §15.209; RSS-Gen [8.9]




**Plot 7-93. Radiated Spurious Plot above 1GHz MIMO (802.11ax OFDMA – 26 Tones – Ch. 1)**

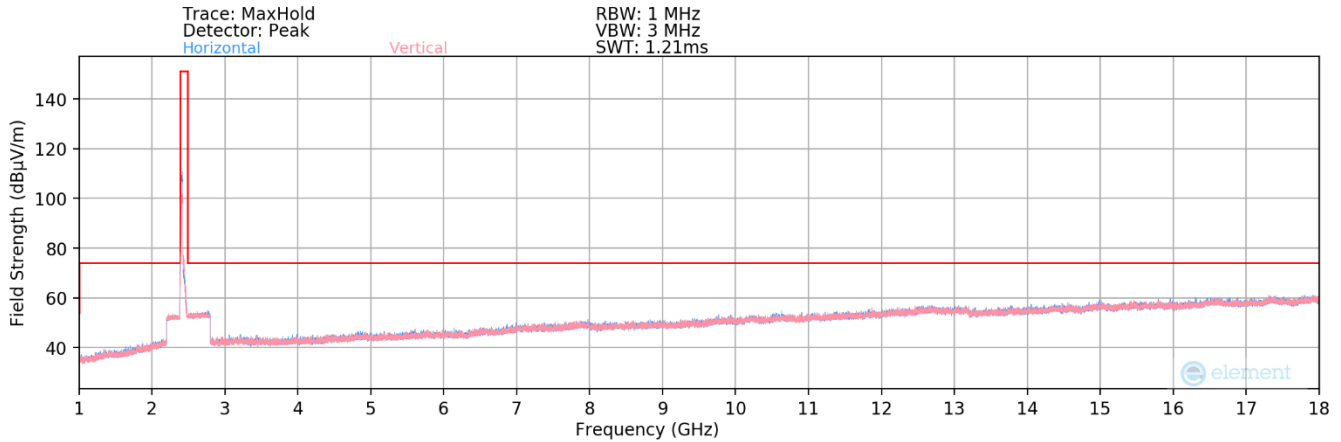


**Plot 7-94. Radiated Spurious Plot above 1GHz MIMO (802.11ax OFDMA – 26 Tones – Ch. 6)**

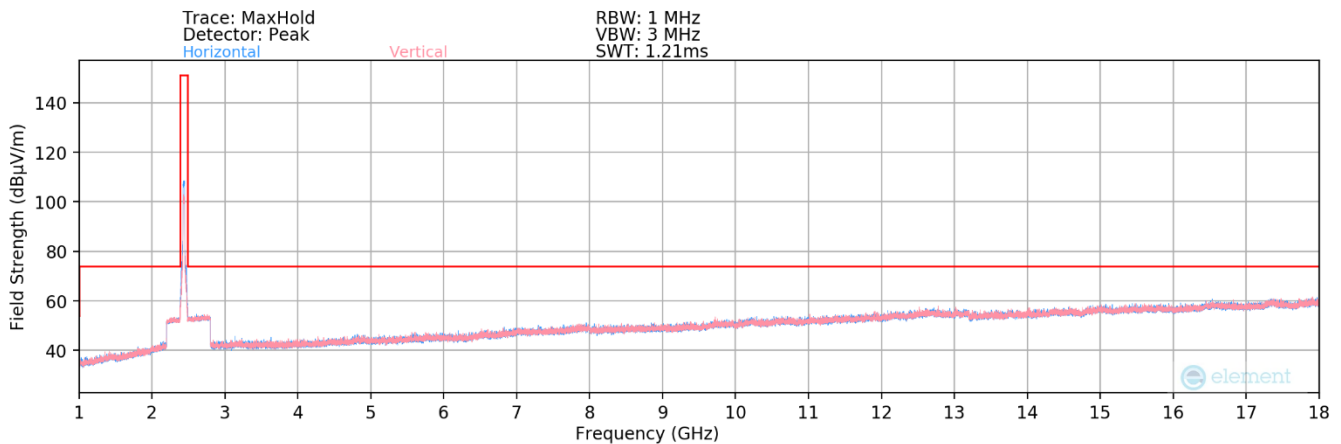


**Plot 7-95. Radiated Spurious Plot above 1GHz MIMO (802.11ax OFDMA – 26 Tones – Ch. 11)**

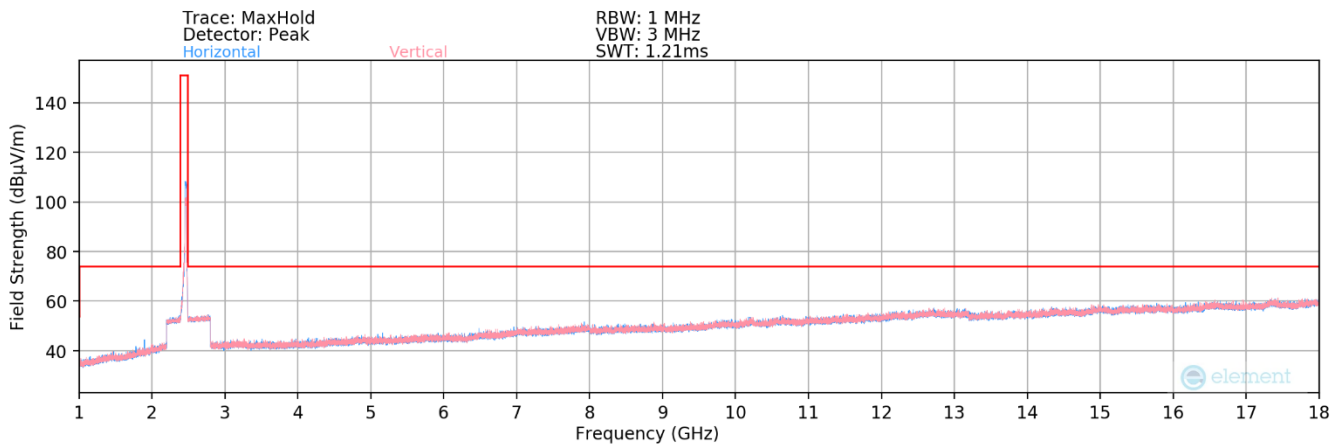
FCC ID: A3LSMS916U	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
Test Report S/N: 1M2209010097-12.A3L	Test Dates: 09/02/2022-11/08/2022	EUT Type: Portable Handset	Page 84 of 95




**Plot 7-96. Radiated Spurious Plot above 1GHz MIMO (802.11ax OFDMA – 242 Tones – Ch. 1)**



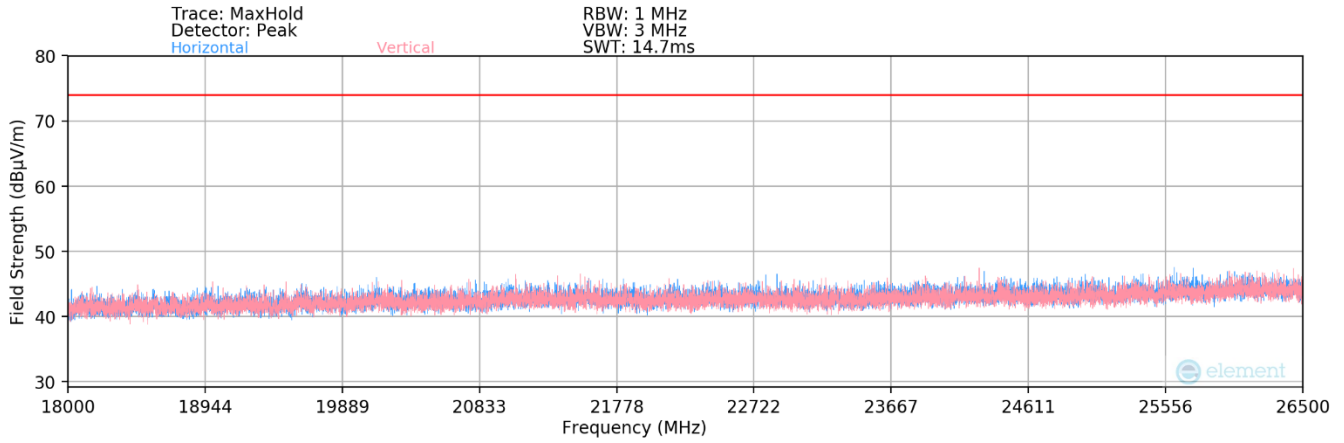
**Plot 7-97. Radiated Spurious Plot above 1GHz MIMO (802.11ax OFDMA – 242 Tones – Ch. 6)**



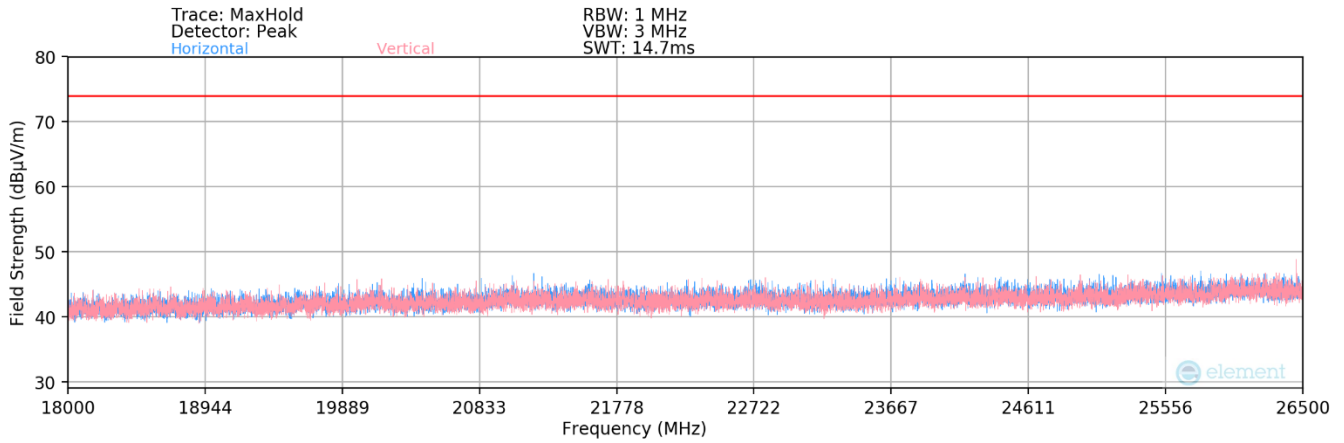
**Plot 7-98. Radiated Spurious Plot above 1GHz MIMO (802.11ax OFDMA – 242 Tones – Ch. 11)**

<b>FCC ID:</b> A3LSMS916U	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2209010097-12.A3L	<b>Test Dates:</b> 09/02/2022-11/08/2022	<b>EUT Type:</b> Portable Handset	Page 85 of 95


**MIMO Radiated Spurious Emissions Measurements (Above 18GHz)**  
§15.209; RSS-Gen [8.9]



**Plot 7-99. Radiated Spurious Plot above 18GHz MIMO (802.11ax OFDMA – 26 Tones)**



**Plot 7-100. Radiated Spurious Plot above 18GHz MIMO (802.11ax OFDMA – 242 Tones)**

FCC ID: A3LSMS916U	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2209010097-12.A3L	<b>Test Dates:</b> 09/02/2022-11/08/2022	<b>EUT Type:</b> Portable Handset	Page 86 of 95



**MIMO Radiated Spurious Emission Measurements**  
§15.247(d) §15.205 & §15.209; RSS-Gen [8.9]

Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS0  
 RU Index: 4  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2412MHz  
 Channel: 01


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]
4824.00	Avg	H	-	-	-79.59	7.78	35.19	53.98	-18.79
4824.00	Peak	H	-	-	-68.83	7.78	45.95	73.98	-28.03
12060.00	Avg	H	-	-	-81.40	18.26	43.86	53.98	-10.12
12060.00	Peak	H	-	-	-71.13	18.26	54.13	73.98	-19.85

**Table 7-24. Radiated Measurements MIMO (26 Tones)**

Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS0  
 RU Index: 8  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2437MHz  
 Channel: 06

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]
4874.00	Avg	H	-	-	-79.54	7.53	34.99	53.98	-18.99
4874.00	Peak	H	-	-	-68.88	7.53	45.65	73.98	-28.33
7311.00	Avg	H	-	-	-80.48	12.43	38.95	53.98	-15.03
7311.00	Peak	H	-	-	-69.81	12.43	49.62	73.98	-24.36
12185.00	Avg	H	-	-	-82.03	19.08	44.05	53.98	-9.93
12185.00	Peak	H	-	-	-71.29	19.08	54.79	73.98	-19.19

**Table 7-25. Radiated Measurements MIMO (26 Tones)**

FCC ID: A3LSMS916U		<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
Test Report S/N: 1M2209010097-12.A3L	Test Dates: 09/02/2022-11/08/2022	EUT Type: Portable Handset		Page 87 of 95


Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS0  
 RU Index: 4  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2462MHz  
 Channel: 11

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]
4924.00	Avg	H	-	-	-79.46	7.54	35.08	53.98	-18.90
4924.00	Peak	H	-	-	-69.14	7.54	45.40	73.98	-28.58
7386.00	Avg	H	-	-	-80.25	12.14	38.89	53.98	-15.09
7386.00	Peak	H	-	-	-70.12	12.14	49.02	73.98	-24.96
12310.00	Avg	H	-	-	-82.06	18.99	43.93	53.98	-10.05
12310.00	Peak	H	-	-	-71.68	18.99	54.31	73.98	-19.67

**Table 7-26. Radiated Measurements MIMO (26 Tones)**

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]
4924.00	Avg	H	-	-	-79.55	7.54	34.99	53.98	-18.99
4924.00	Peak	H	-	-	-69.52	7.54	45.02	73.98	-28.96
7386.00	Avg	H	-	-	-80.34	12.14	38.80	53.98	-15.18
7386.00	Peak	H	-	-	-69.65	12.14	49.49	73.98	-24.49
12310.00	Avg	H	-	-	-82.02	18.99	43.97	53.98	-10.01
12310.00	Peak	H	-	-	-71.93	18.99	54.06	73.98	-19.92

**Table 7-27. Radiated Measurements MIMO (26 Tones) with WCP**

FCC ID: A3LSMS916U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2209010097-12.A3L	Test Dates: 09/02/2022-11/08/2022	EUT Type: Portable Handset		Page 88 of 95

Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2412MHz  
 Channel: 01


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]
4824.00	Avg	H	-	-	-79.54	7.78	35.24	53.98	-18.74
4824.00	Peak	H	-	-	-68.87	7.78	45.91	73.98	-28.07
12060.00	Avg	H	-	-	-81.38	18.26	43.88	53.98	-10.10
12060.00	Peak	H	-	-	-71.03	18.26	54.23	73.98	-19.75

**Table 7-28. Radiated Measurements MIMO (242 Tones)**

Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2437MHz  
 Channel: 06

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]
4874.00	Avg	H	-	-	-79.14	7.53	35.39	53.98	-18.59
4874.00	Peak	H	-	-	-69.53	7.53	45.00	73.98	-28.98
7311.00	Avg	H	-	-	-80.47	12.43	38.96	53.98	-15.02
7311.00	Peak	H	-	-	-70.79	12.43	48.64	73.98	-25.34
12185.00	Avg	H	-	-	-81.81	19.08	44.27	53.98	-9.71
12185.00	Peak	H	-	-	-71.44	19.08	54.64	73.98	-19.34

**Table 7-29. Radiated Measurements MIMO (242 Tones)**

FCC ID: A3LSMS916U		<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
Test Report S/N: 1M2209010097-12.A3L	Test Dates: 09/02/2022-11/08/2022	EUT Type: Portable Handset		Page 89 of 95


Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2462MHz  
 Channel: 11

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]
4924.00	Avg	H	-	-	-79.68	7.54	34.86	53.98	-19.12
4924.00	Peak	H	-	-	-68.69	7.54	45.85	73.98	-28.13
7386.00	Avg	H	-	-	-80.35	12.14	38.79	53.98	-15.19
7386.00	Peak	H	-	-	-70.06	12.14	49.08	73.98	-24.90
12310.00	Avg	H	-	-	-82.01	18.99	43.98	53.98	-10.00
12310.00	Peak	H	-	-	-71.20	18.99	54.79	73.98	-19.19

**Table 7-30. Radiated Measurements MIMO (242 Tones)**

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]
4924.00	Avg	H	-	-	-79.46	7.54	35.08	53.98	-18.90
4924.00	Peak	H	-	-	-68.85	7.54	45.69	73.98	-28.29
7386.00	Avg	H	-	-	-80.29	12.14	38.85	53.98	-15.13
7386.00	Peak	H	-	-	-70.54	12.14	48.60	73.98	-25.38
12310.00	Avg	H	-	-	-82.08	18.99	43.91	53.98	-10.07
12310.00	Peak	H	-	-	-71.64	18.99	54.35	73.98	-19.63

**Table 7-31. Radiated Measurements MIMO (242 Tones) with WCP**

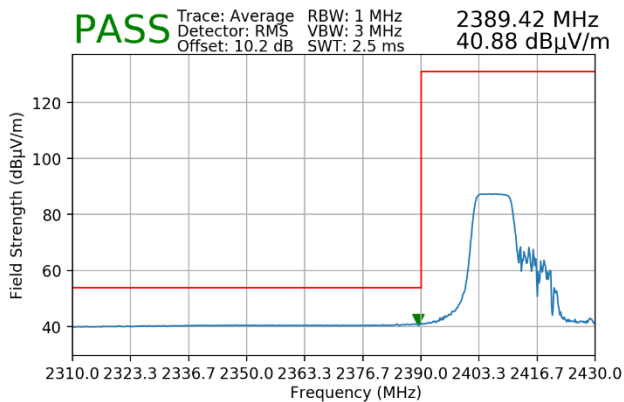
FCC ID: A3LSMS916U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2209010097-12.A3L	Test Dates: 09/02/2022-11/08/2022	EUT Type: Portable Handset		Page 90 of 95

### 7.7.3 SISO Antenna-2 Radiated Restricted Band Edge Measurements

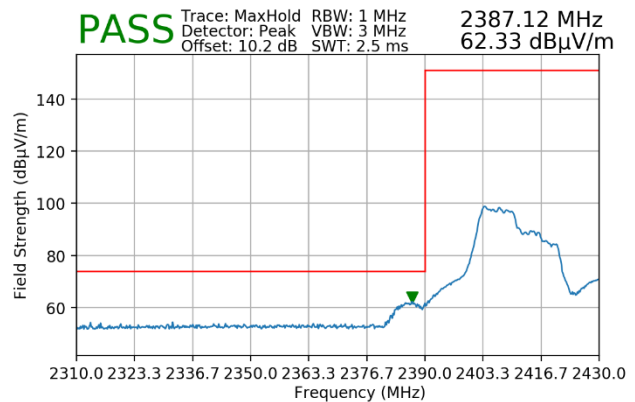
§15.205 §15.209; RSS-Gen [8.9]

The radiated restricted band edge measurements are measured with an EMI test receiver connected to the receive antenna while the EUT is transmitting.

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	53
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	1

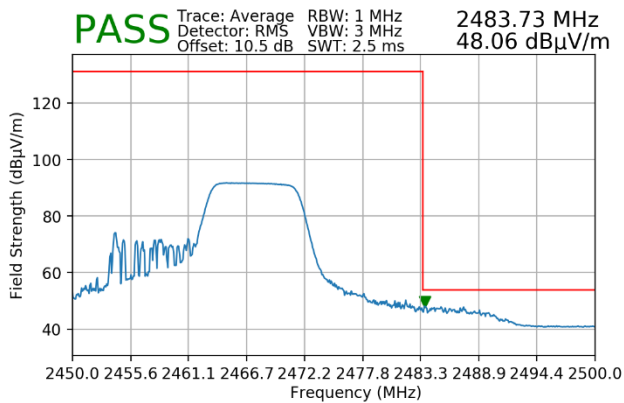


**Plot 7-101. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Average – 106 Tones)**

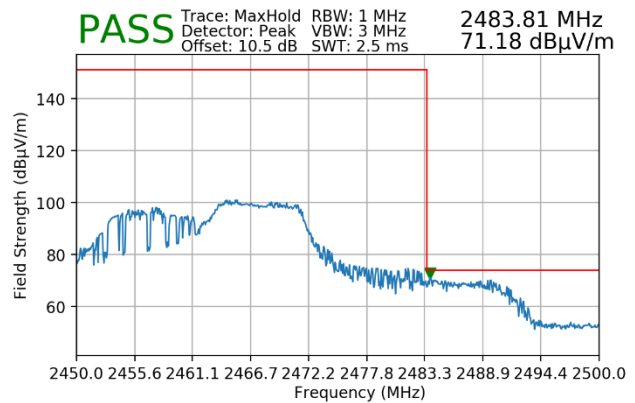


**Plot 7-102. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Peak – 106 Tones)**

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	54
Distance of Measurements:	3 Meters
Operating Frequency:	2462MHz
Channel:	11



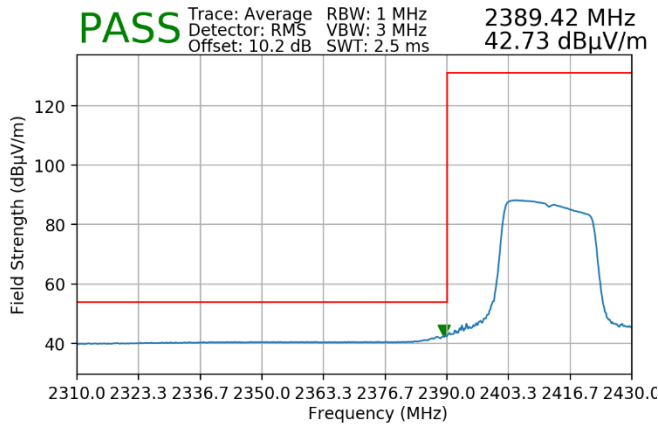
**Plot 7-103. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Average – 106 Tones)**



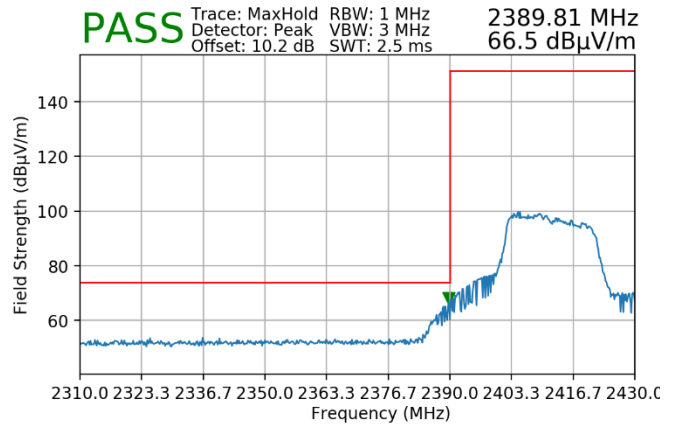
**Plot 7-104. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Peak – 106 Tones)**

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Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	1

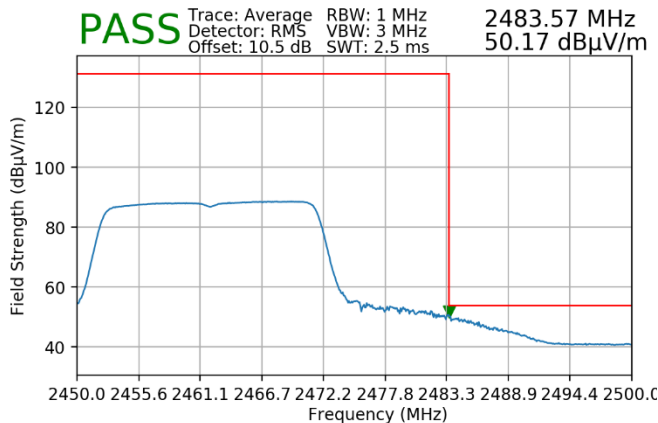


**Plot 7-105. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Average – 242 Tones)**

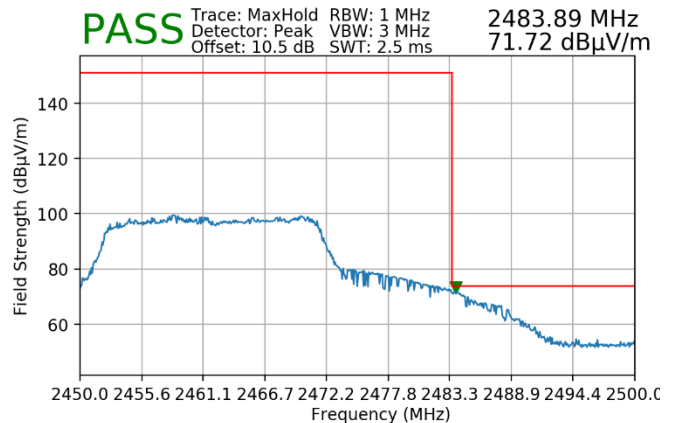


**Plot 7-106. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Peak – 242 Tones)**

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2462MHz
Channel:	11



**Plot 7-107. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Average – 242 Tones)**



**Plot 7-108. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Peak – 242 Tones)**

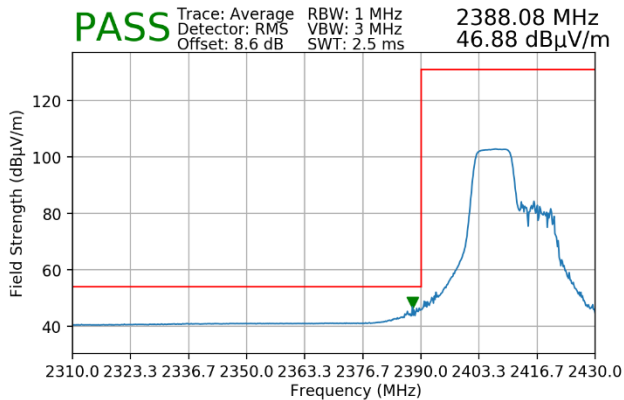
FCC ID: A3LSMS916U		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1M2209010097-12.A3L	Test Dates: 09/02/2022-11/08/2022	EUT Type: Portable Handset	Page 92 of 95

### 7.7.4 MIMO Radiated Restricted Band Edge Measurements

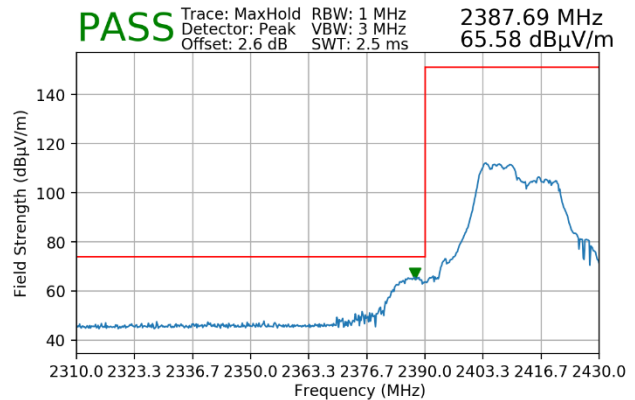
§15.205 §15.209; RSS-Gen [8.9]

The radiated restricted band edge measurements are measured with an EMI test receiver connected to the receive antenna while the EUT is transmitting.

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	53
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	1

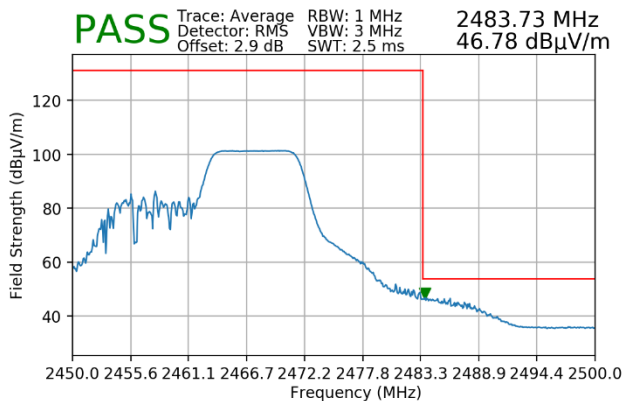


**Plot 7-109. Radiated Restricted Lower Band Edge Measurement MIMO (Average – 106 Tones)**

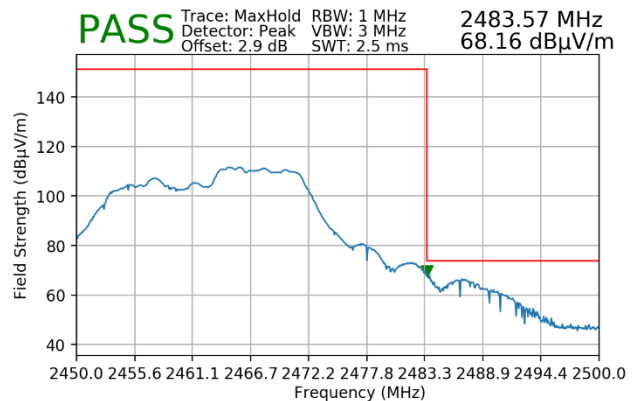


**Plot 7-110. Radiated Restricted Lower Band Edge Measurement MIMO (Peak – 106 Tones)**

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	54
Distance of Measurements:	3 Meters
Operating Frequency:	2462MHz
Channel:	11



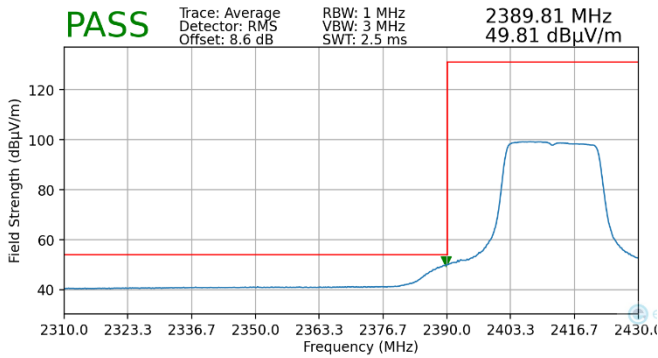
**Plot 7-111. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 106 Tones)**



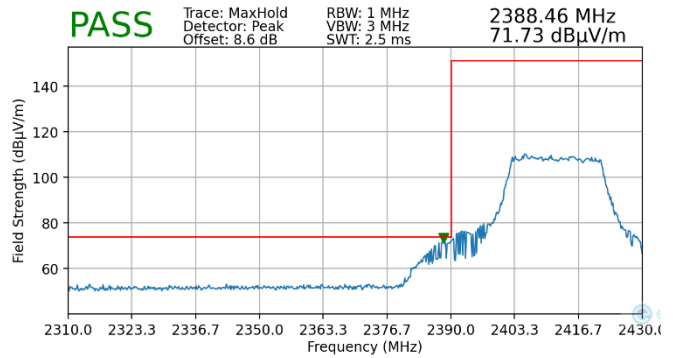
**Plot 7-112. Radiated Restricted Upper Band Edge Measurement MIMO (Peak – 106 Tones)**

FCC ID: A3LSMS916U		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	1

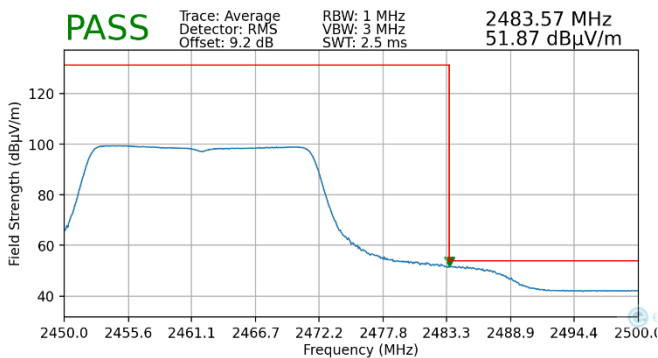


**Plot 7-113. Radiated Restricted Lower Band Edge Measurement MIMO (Average – 242 Tones)**

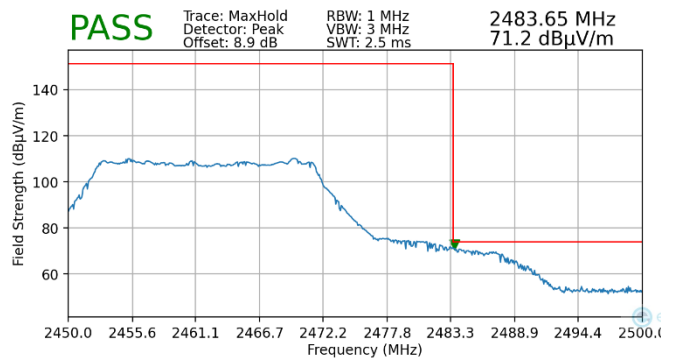


**Plot 7-114. Radiated Restricted Lower Band Edge Measurement MIMO (Peak – 242 Tones)**

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2462MHz
Channel:	11



**Plot 7-115. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 242 Tones)**




**Plot 7-116. Radiated Restricted Upper Band Edge Measurement MIMO (Peak – 242 Tones)**

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## 8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Samsung Portable Handset FCC ID: A3LSMS916U** is in compliance with Part 15 Subpart C (15.247) of the FCC Rules.

FCC ID: A3LSMS916U	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2209010097-12.A3L	<b>Test Dates:</b> 09/02/2022-11/08/2022	<b>EUT Type:</b> Portable Handset	Page 95 of 95