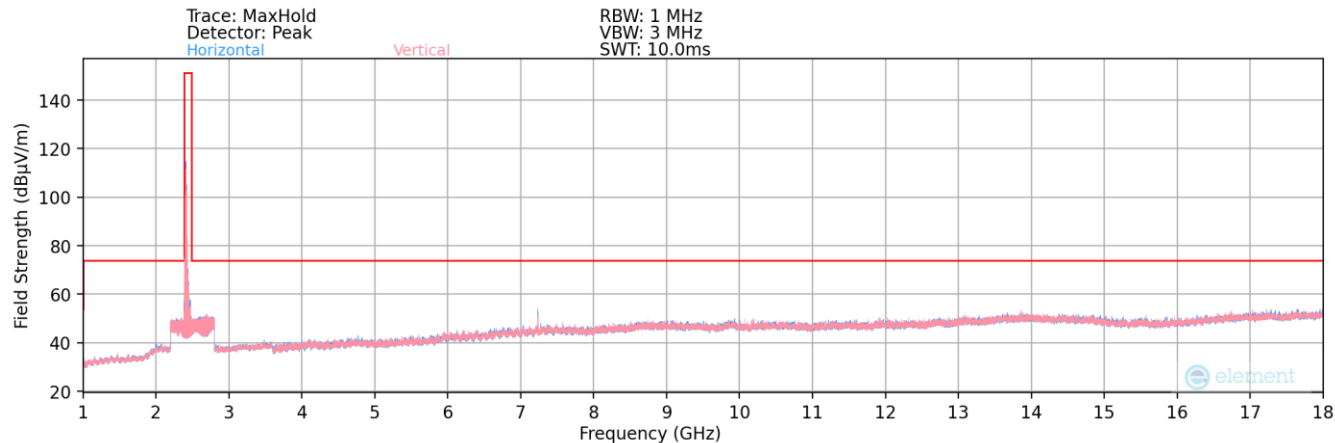
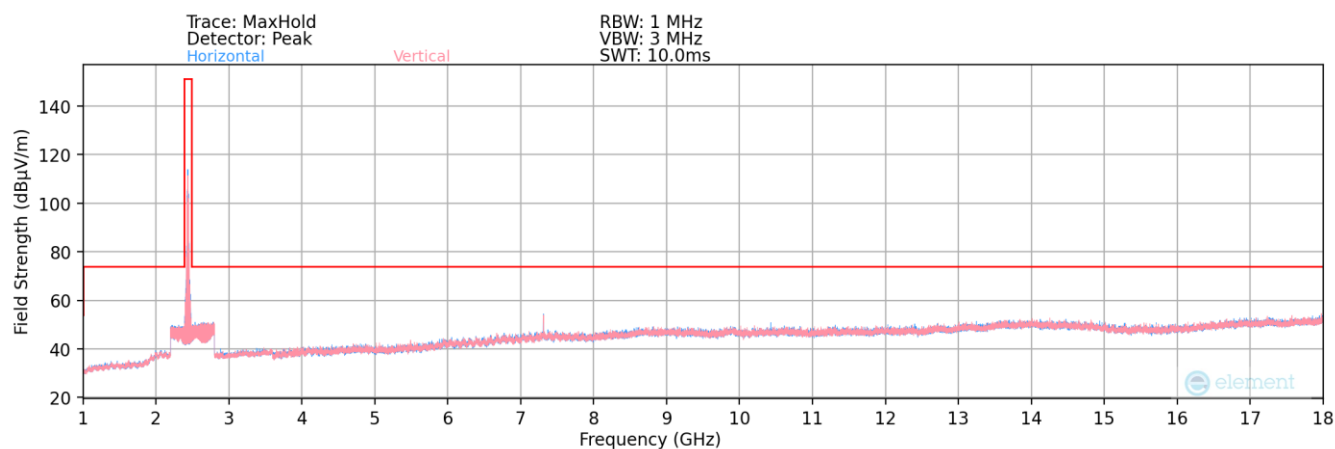


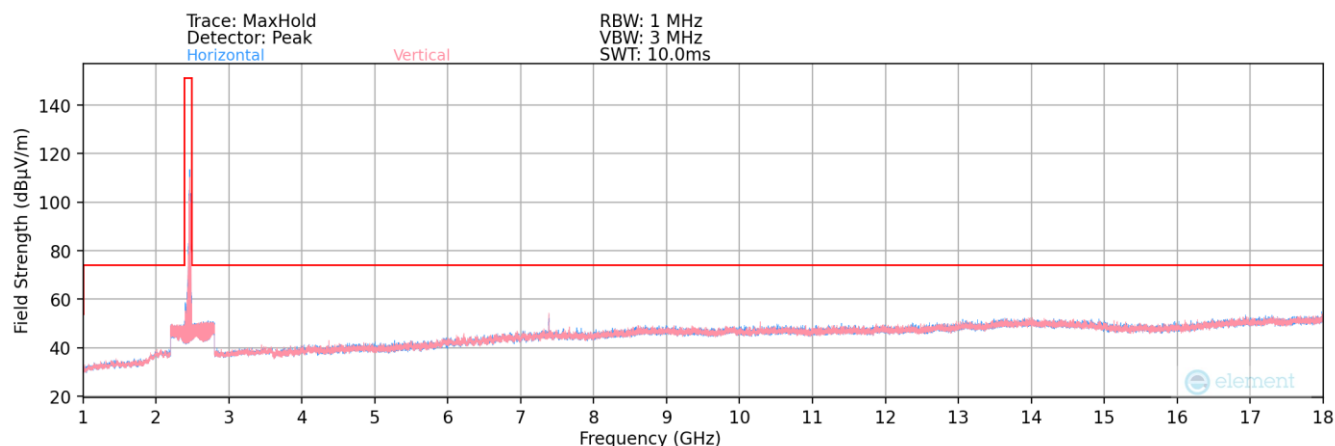
7.7.1 MIMO Radiated Spurious Emission Measurements



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

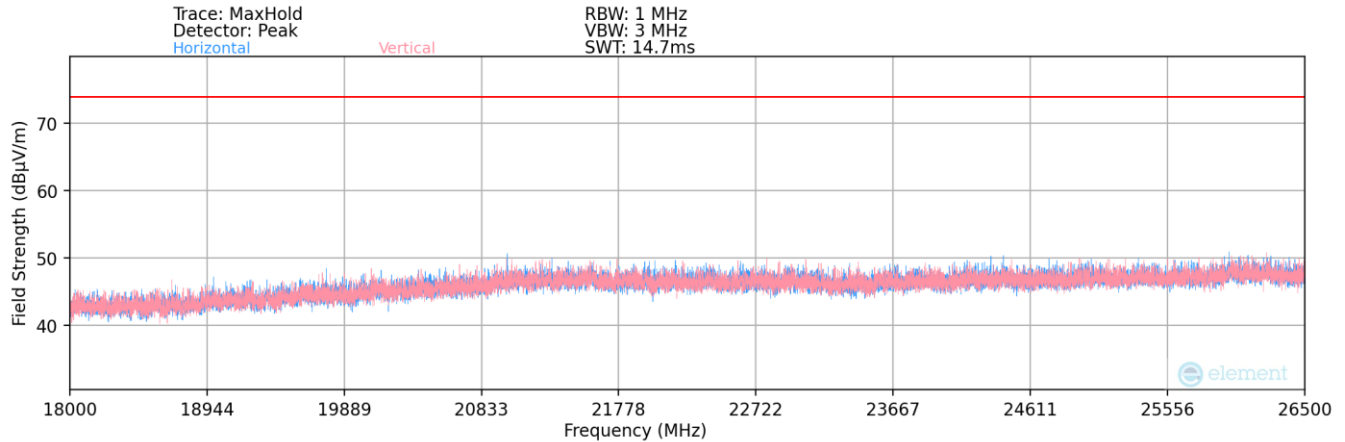


Plot 7-94. Radiated Spurious Plot above 1GHz MIMO (802.11ax/be OFDMA – 26 Tones – Ch. 6)

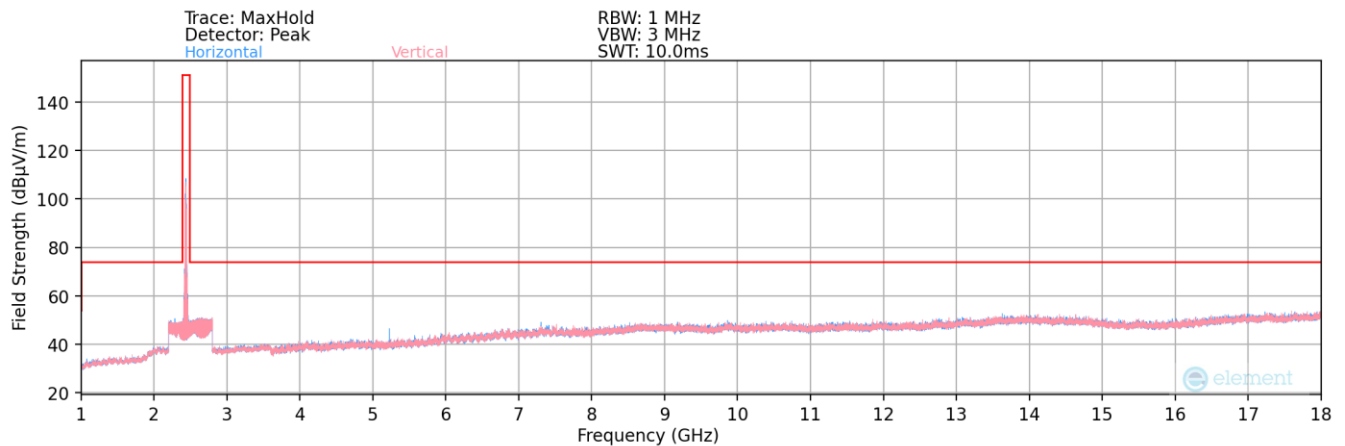


Plot 7-95. Radiated Spurious Plot above 1GHz MIMO (802.11ax/be OFDMA – 26 Tones – Ch. 11)

FCC ID: A3LSMF776U IC: 649E-SMF776W	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 4/17/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2602190015-15-R1.A3L	 This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.			

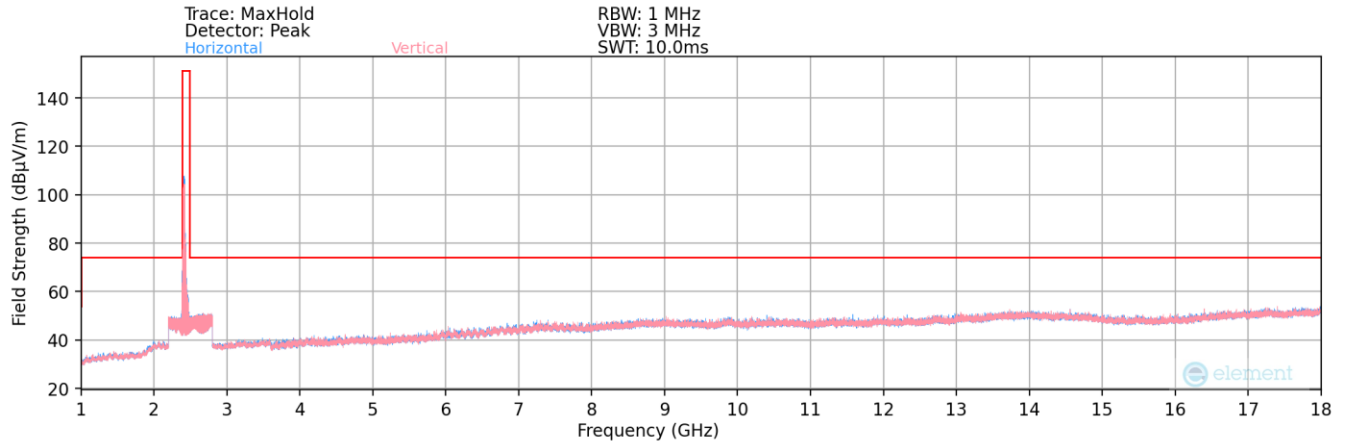


Plot 7-96. Radiated Spurious Plot above 18GHz MIMO (802.11ax/be OFDMA – 26 Tones)

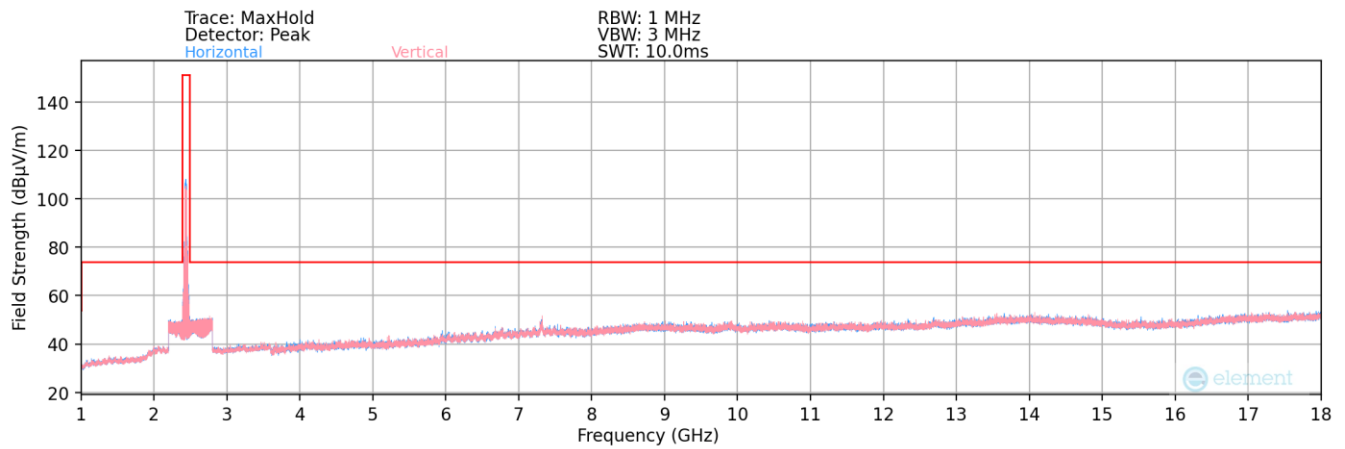


Plot 7-97. Radiated Spurious Plot above 1GHz MIMO (802.11be OFDMA – 106 + 26 Tones – Ch. 6)

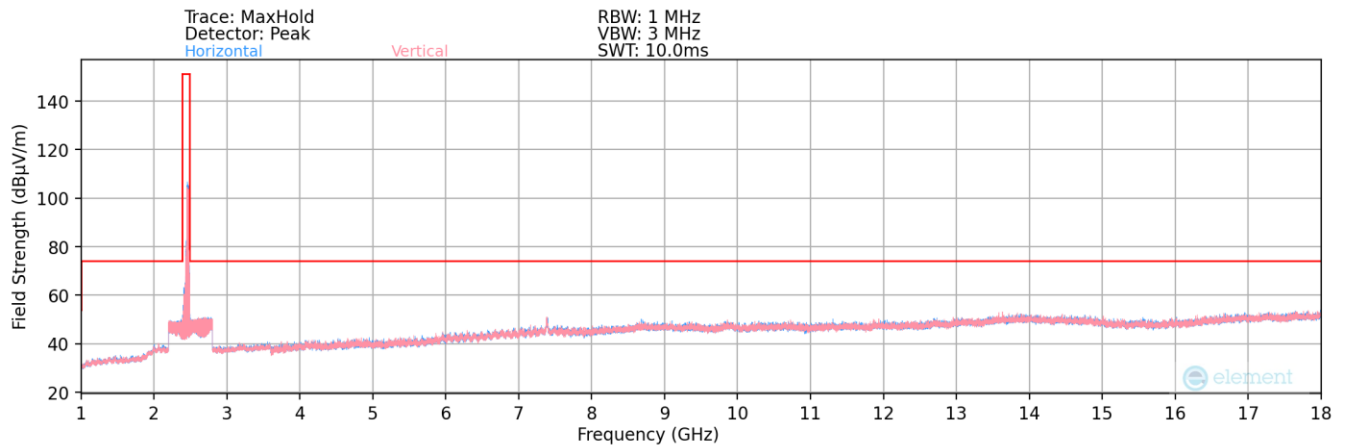
FCC ID: A3LSMF776U IC: 649E-SMF776W	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 4/17/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2602190015-15-R1.A3L		This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.		Page 81 of 92



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

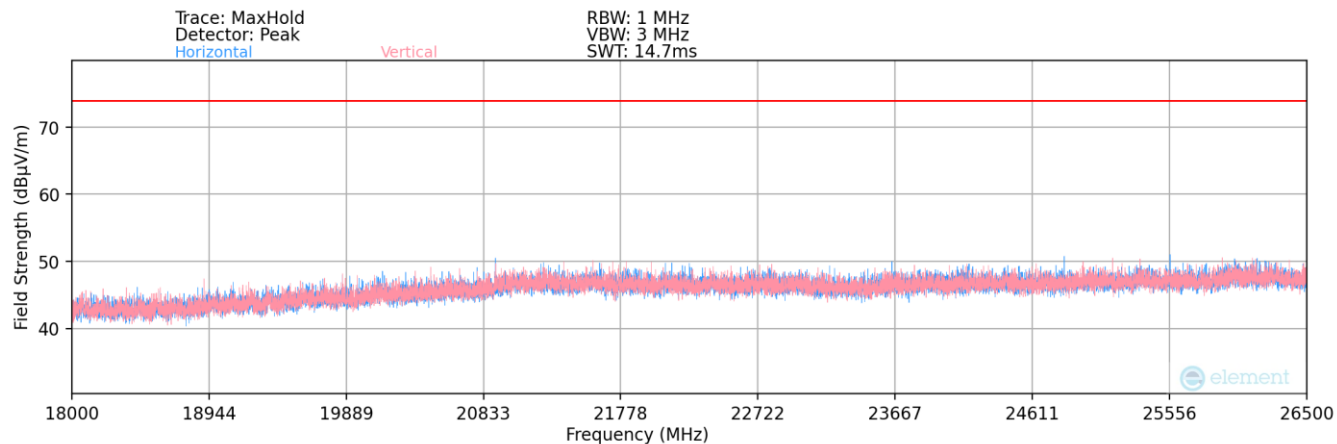


Plot 7-99. Radiated Spurious Plot above 1GHz MIMO (802.11ax/be OFDMA – 242 Tones – Ch. 6)



Plot 7-100. Radiated Spurious Plot above 1GHz MIMO (802.11ax/be OFDMA – 242 Tones – Ch. 11)

FCC ID: A3LSMF776U IC: 649E-SMF776W	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 4/17/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2602190015-15-R1.A3L	 This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.			



Plot 7-101. Radiated Spurious Plot above 18GHz MIMO (802.11ax/be OFDMA – 242 Tones)

FCC ID: A3LSMF776U IC: 649E-SMF776W	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 4/17/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2602190015-15-R1.A3L		This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.		

MIMO Radiated Spurious Emission Measurements

Worst Case Mode:	802.11ax/be OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	1

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	-	-	-78.30	2.27	30.97	53.98	-23.01
4824.00	Peak	H	-	-	-66.97	2.27	42.30	73.98	-31.68
12060.00	Avg	H	-	-	-80.81	12.20	38.39	53.98	-15.59
12060.00	Peak	H	-	-	-68.96	12.20	50.24	73.98	-23.74

Table 7-13. Radiated Measurements MIMO (26 Tones)

Worst Case Mode:	802.11ax/be OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	2437MHz
Channel:	6

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	-	-	-78.40	2.73	31.33	53.98	-22.65
4874.00	Peak	H	-	-	-66.48	2.73	43.25	73.98	-30.73
7311.00	Avg	H	196	160	-74.45	8.92	41.47	53.98	-12.50
7311.00	Peak	H	196	160	-60.67	8.92	55.25	73.98	-18.72
12185.00	Avg	H	-	-	-81.44	12.62	38.18	53.98	-15.80
12185.00	Peak	H	-	-	-69.46	12.62	50.16	73.98	-23.82

Table 7-14. Radiated Measurements MIMO (26 Tones)

FCC ID: A3LSMF776U IC: 649E-SMF776W	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 4/17/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2602190015-15-R1.A3L		This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.		Page 84 of 92

Worst Case Mode: 802.11ax/be 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	-	-	-78.34	2.48	31.14	53.98	-22.83
4924.00	Peak	H	-	-	-66.78	2.48	42.70	73.98	-31.27
7386.00	Avg	H	365	157	-69.13	8.90	46.77	53.98	-7.21
7386.00	Peak	H	365	157	-55.63	8.90	60.27	73.98	-13.71
12310.00	Avg	H	-	-	-81.01	12.71	38.70	53.98	-15.28
12310.00	Peak	H	-	-	-69.30	12.71	50.41	73.98	-23.57

Table 7-15. Radiated Measurements MIMO (26 Tones)

Worst Case Mode: 802.11ax/be 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	-	-	-78.65	2.48	30.83	53.98	-23.14
4924.00	Peak	H	-	-	-67.06	2.48	42.42	73.98	-31.55
7386.00	Avg	H	371	24	-75.62	8.90	40.28	53.98	-13.70
7386.00	Peak	H	371	24	-62.91	8.90	52.99	73.98	-20.99
12310.00	Avg	H	-	-	-80.83	12.71	38.88	53.98	-15.10
12310.00	Peak	H	-	-	-69.25	12.71	50.46	73.98	-23.52

Table 7-16. Radiated Measurements MIMO (26 Tones) – with WCP

FCC ID: A3LSMF776U IC: 649E-SMF776W	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 4/17/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2602190015-15-R1.A3L		This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.		Page 85 of 92

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

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	-	-	-78.27	2.27	31.00	53.98	-22.98
4824.00	Peak	H	-	-	-66.54	2.27	42.73	73.98	-31.25
12060.00	Avg	H	-	-	-80.98	12.20	38.22	53.98	-15.76
12060.00	Peak	H	-	-	-69.27	12.20	49.93	73.98	-24.05

Table 7-17. Radiated Measurements MIMO (242 Tones)

Worst Case Mode: 802.11ax/be OFDMA
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 2437MHz
 Channel: 6

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	-	-	-78.60	2.73	31.13	53.98	-22.85
4874.00	Peak	H	-	-	-66.13	2.73	43.60	73.98	-30.38
7311.00	Avg	H	240	152	-78.42	8.92	37.50	53.98	-16.47
7311.00	Peak	H	240	152	-66.68	8.92	49.24	73.98	-24.73
12185.00	Avg	H	-	-	-81.46	12.62	38.16	53.98	-15.82
12185.00	Peak	H	-	-	-70.02	12.62	49.60	73.98	-24.38

Table 7-18. Radiated Measurements MIMO (242 Tones)

FCC ID: A3LSMF776U IC: 649E-SMF776W	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 4/17/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2602190015-15-R1.A3L		This report is Blockchain Verified. To verify the report authenticity, please visit HTTPS://WWW.BLOCKCHAIN-VERIFIED.COM or by clicking on the Blockchain logo.		Page 86 of 92

Worst Case Mode: 802.11ax/be 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	-	-	-78.70	2.48	30.78	53.98	-23.19
4924.00	Peak	H	-	-	-66.56	2.48	42.92	73.98	-31.05
7386.00	Avg	H	345	144	-73.41	8.90	42.49	53.98	-11.49
7386.00	Peak	H	345	144	-60.68	8.90	55.22	73.98	-18.76
12310.00	Avg	H	-	-	-81.01	12.71	38.70	53.98	-15.28
12310.00	Peak	H	-	-	-68.80	12.71	50.91	73.98	-23.07

Table 7-19. Radiated Measurements MIMO (242 Tones)

Worst Case Mode: 802.11ax/be 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	336	51	-70.64	2.48	38.84	53.98	-15.13
4924.00	Peak	H	336	51	-63.75	2.48	45.73	73.98	-28.24
7386.00	Avg	H	369	22	-67.86	8.90	48.04	53.98	-5.94
7386.00	Peak	H	369	22	-61.22	8.90	54.68	73.98	-19.30
12310.00	Avg	H	-	-	-80.94	12.71	38.77	53.98	-15.21
12310.00	Peak	H	-	-	-69.17	12.71	50.54	73.98	-23.44

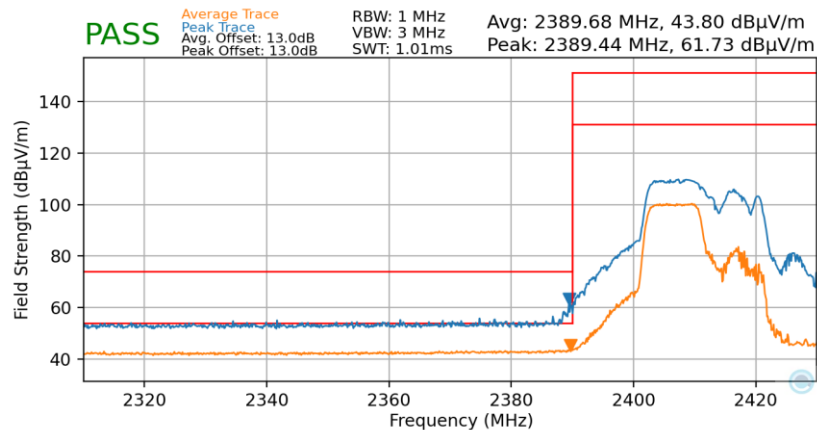
Table 7-20. Radiated Measurements MIMO (242 Tones) – with WCP

FCC ID: A3LSMF776U IC: 649E-SMF776W	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 4/17/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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7.7.2 MIMO Radiated Restricted Band Edge Measurements

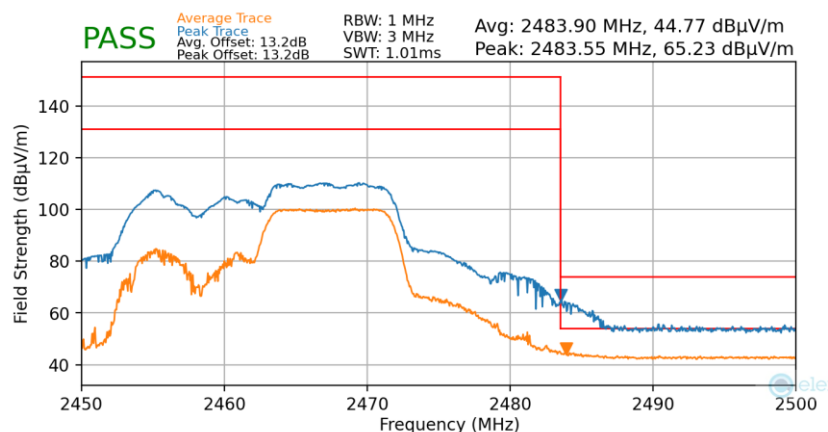
The radiated restricted band edge measurements are measured with an EMI test receiver connected to the receive antenna while the EUT is transmitting.

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



Plot 7-102. Radiated Restricted Lower Band Edge Measurement MIMO (Average & Peak – 106 Tones)

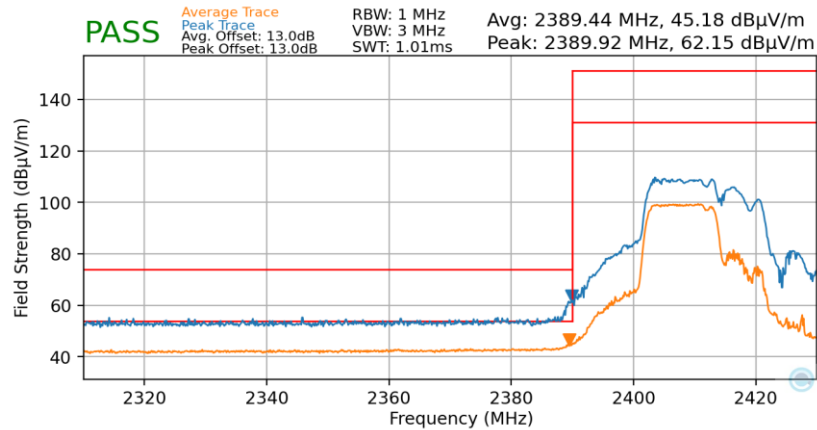
Worst Case Mode:	802.11ax/be OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	54
Distance of Measurements:	3 Meters
Operating Frequency:	2462MHz
Channel:	11



Plot 7-103. Radiated Restricted Upper Band Edge Measurement MIMO (Average & Peak – 106 Tones)

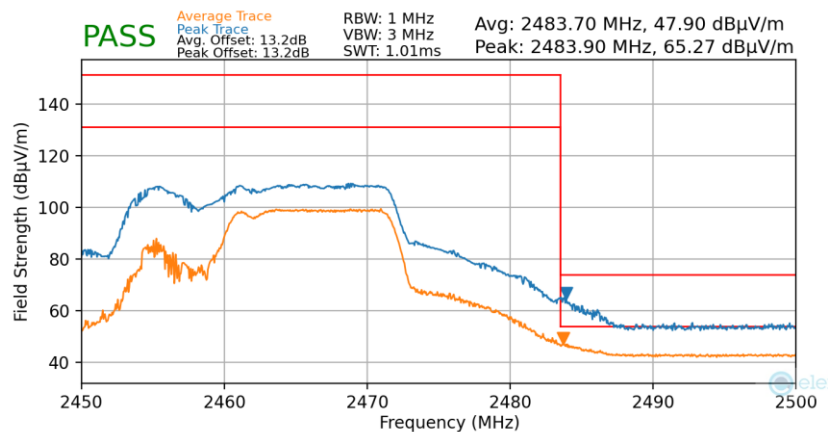
FCC ID: A3LSMF776U IC: 649E-SMF776W	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 4/17/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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Worst Case Mode: 802.11be OFDMA
 Worst Case Transfer Rate: MCS0
 RU Index: 82
 Distance of Measurements: 3 Meters
 Operating Frequency: 2412MHz
 Channel: 1



Plot 7-104. Radiated Restricted Lower Band Edge Measurement MIMO (Average & Peak – 106 + 26 Tones)

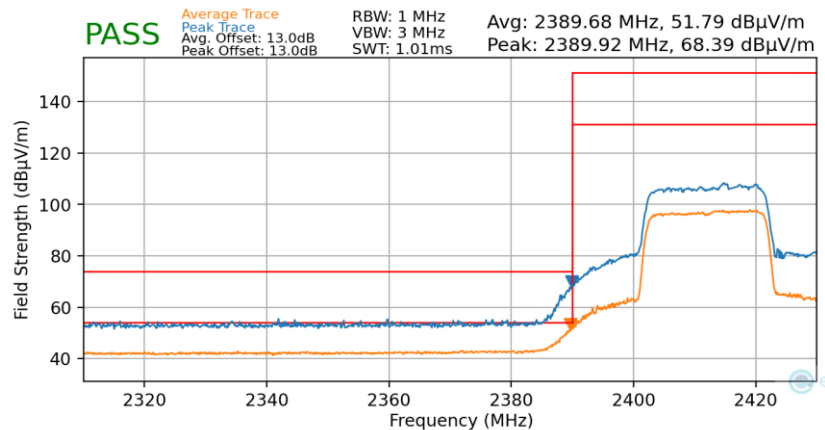
Worst Case Mode: 802.11be OFDMA
 Worst Case Transfer Rate: MCS0
 RU Index: 83
 Distance of Measurements: 3 Meters
 Operating Frequency: 2462MHz
 Channel: 11



Plot 7-105. Radiated Restricted Upper Band Edge Measurement MIMO (Average & Peak – 106 + 26 Tones)

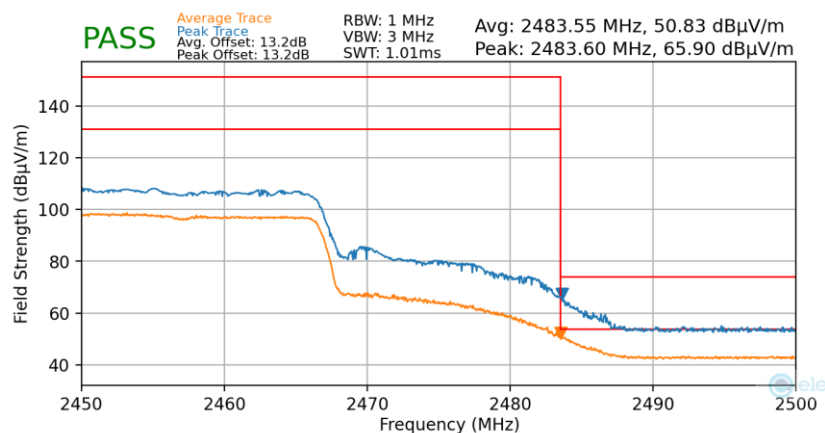
FCC ID: A3LSMF776U IC: 649E-SMF776W	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 4/17/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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Worst Case Mode: 802.11ax/be OFDMA
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 2412MHz
 Channel: 1



Plot 7-106. Radiated Restricted Lower Band Edge Measurement MIMO (Average & Peak – 242 Tones)

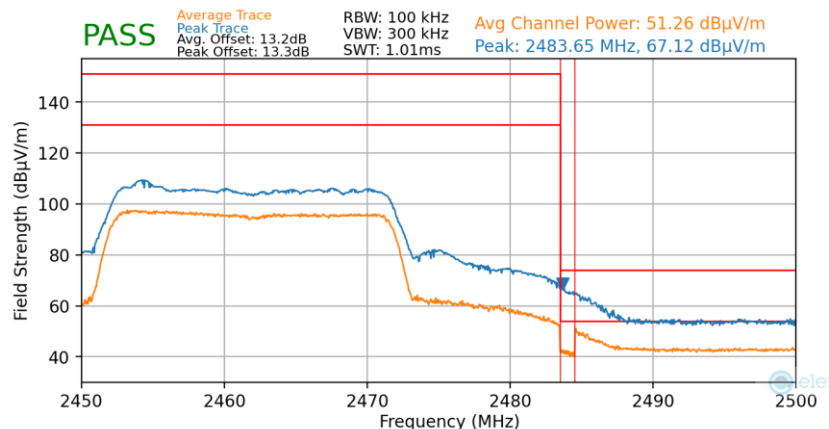
Worst Case Mode: 802.11ax/be OFDMA
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 2457MHz
 Channel: 10



Plot 7-107. Radiated Restricted Upper Band Edge Measurement MIMO (Average & Peak – 242 Tones)

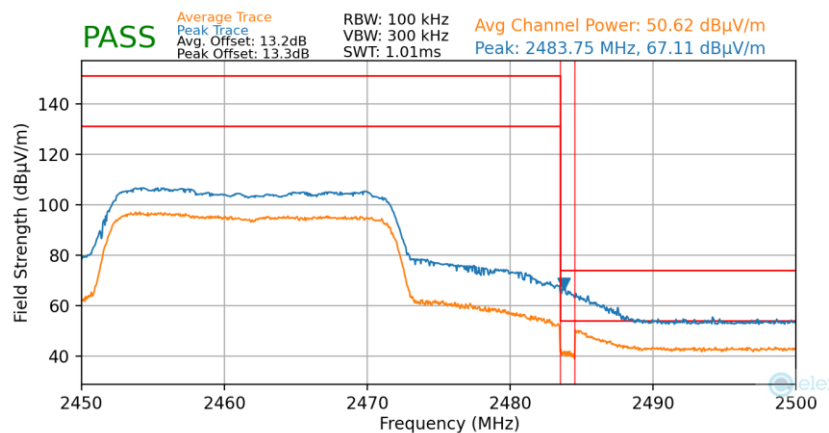
FCC ID: A3LSMF776U IC: 649E-SMF776W	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 4/17/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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Worst Case Mode: 802.11ax/be OFDMA
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 2462MHz
 Channel: 11



Plot 7-108. Radiated Restricted Upper Band Edge Measurement MIMO (Average & Peak – 242 Tones)

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



Plot 7-109. Radiated Restricted Upper Band Edge Measurement MIMO (Average & Peak – 242 Tones) – with WCP

FCC ID: A3LSMF776U IC: 649E-SMF776W	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 4/17/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Samsung Portable Handset FCC ID: A3LSMF776U, IC: 649E-SMF776W** is in compliance with Part 15 Subpart C (15.247) of the FCC Rules and RSS-247 of the ISED Rules.

- END OF TEST REPORT -

FCC ID: A3LSMF776U IC: 649E-SMF776W	MEASUREMENT REPORT (CERTIFICATION)	Test Dates: 2/24/2026 - 4/17/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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