

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 | - | - | -78.16 | 4.25 | 33.09 | 53.98 | -20.89 |
| 4924.00 | Peak | H | - | - | -66.68 | 4.25 | 44.57 | 73.98 | -29.41 |
| 7386.00 | Avg | H | - | - | -79.55 | 7.35 | 34.80 | 53.98 | -19.18 |
| 7386.00 | Peak | H | - | - | -67.94 | 7.35 | 46.41 | 73.98 | -27.57 |
| 12310.00 | Avg | H | - | - | -81.69 | 13.56 | 38.87 | 53.98 | -15.11 |
| 12310.00 | Peak | H | - | - | -70.20 | 13.56 | 50.36 | 73.98 | -23.62 |

Table 7-22. 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: 2462MHz
 Channel: 11

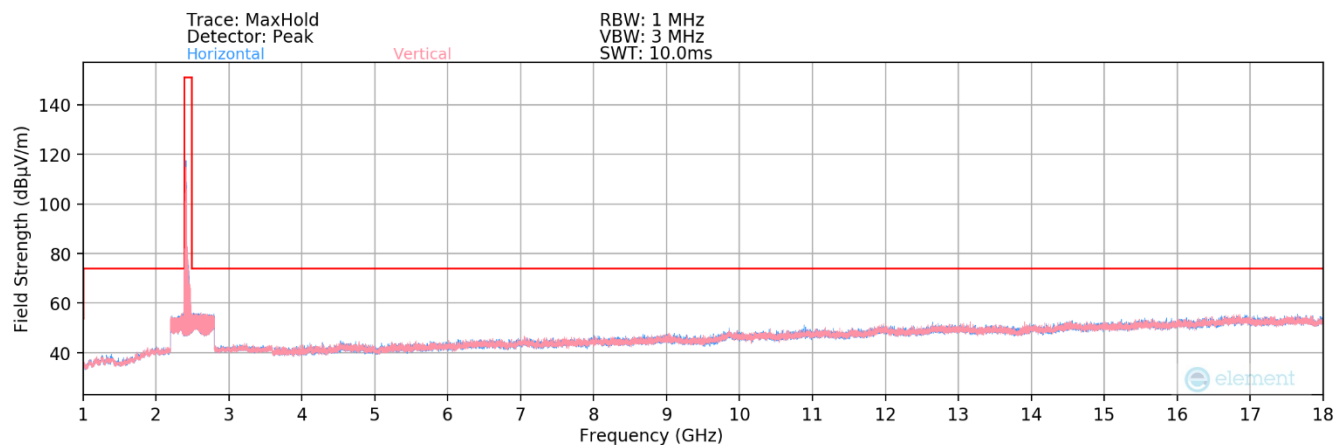
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 4924.00 | Avg | H | - | - | -78.50 | 4.25 | 32.75 | 53.98 | -21.23 |
| 4924.00 | Peak | H | - | - | -67.62 | 4.25 | 43.63 | 73.98 | -30.35 |
| 7386.00 | Avg | H | - | - | -79.35 | 7.35 | 35.00 | 53.98 | -18.98 |
| 7386.00 | Peak | H | - | - | -68.42 | 7.35 | 45.93 | 73.98 | -28.05 |
| 12310.00 | Avg | H | - | - | -81.55 | 13.56 | 39.01 | 53.98 | -14.97 |
| 12310.00 | Peak | H | - | - | -70.06 | 13.56 | 50.50 | 73.98 | -23.48 |

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

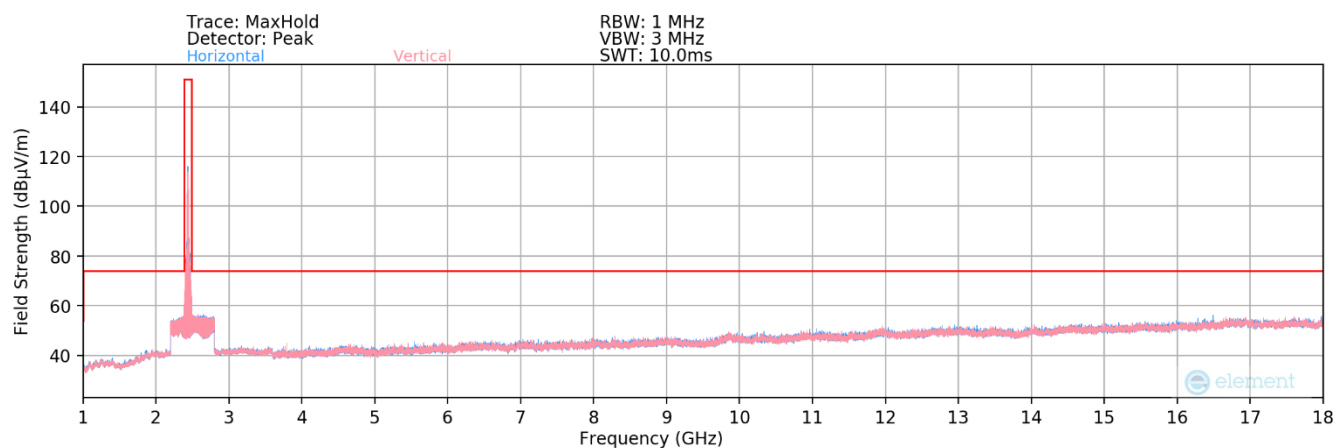
| | | | |
|--|---|--------------------------------------|--|
| FCC ID: A3LSMS911U | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 1M2209010096-12.A3L | Test Dates: 09/02/2022 - 11/22/2022 | EUT Type: Portable Handset | Page 85 of 101 |

7.7.2 MIMO Radiated Spurious Emission Measurements

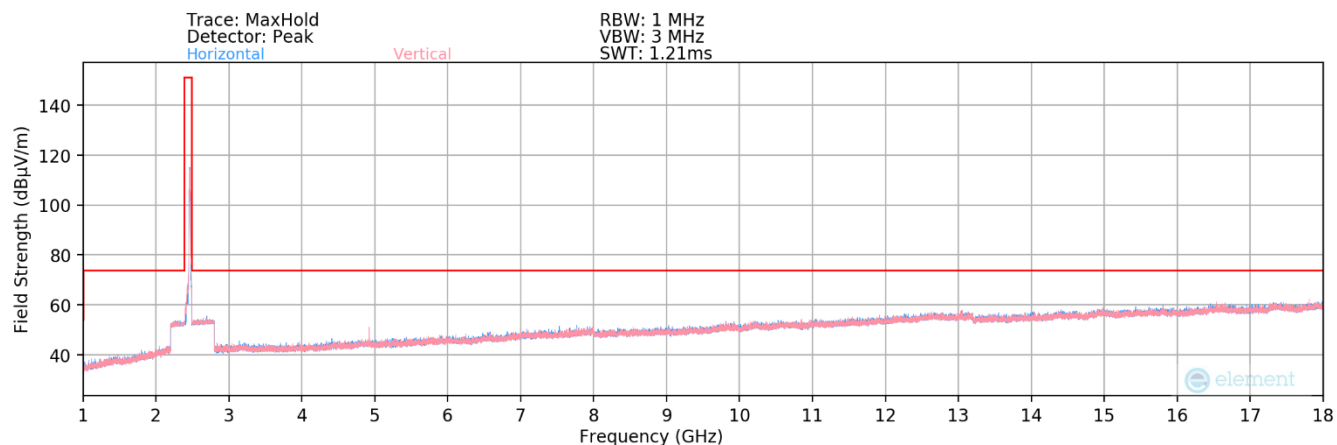
\$15.247(d) §15.205 & §15.209; RSS-Gen [8.9]



Plot 7-102. Radiated Spurious Plot above 1GHz MIMO (802.11ax OFDMA – 26 Tones – Ch. 1)

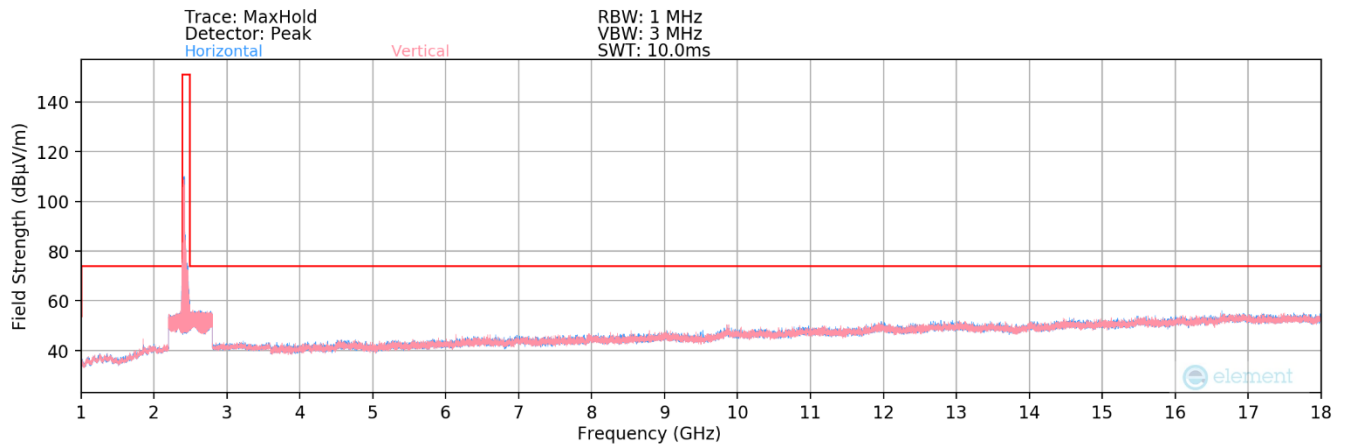


Plot 7-103. Radiated Spurious Plot above 1GHz MIMO (802.11ax OFDMA – 26 Tones – Ch. 6)

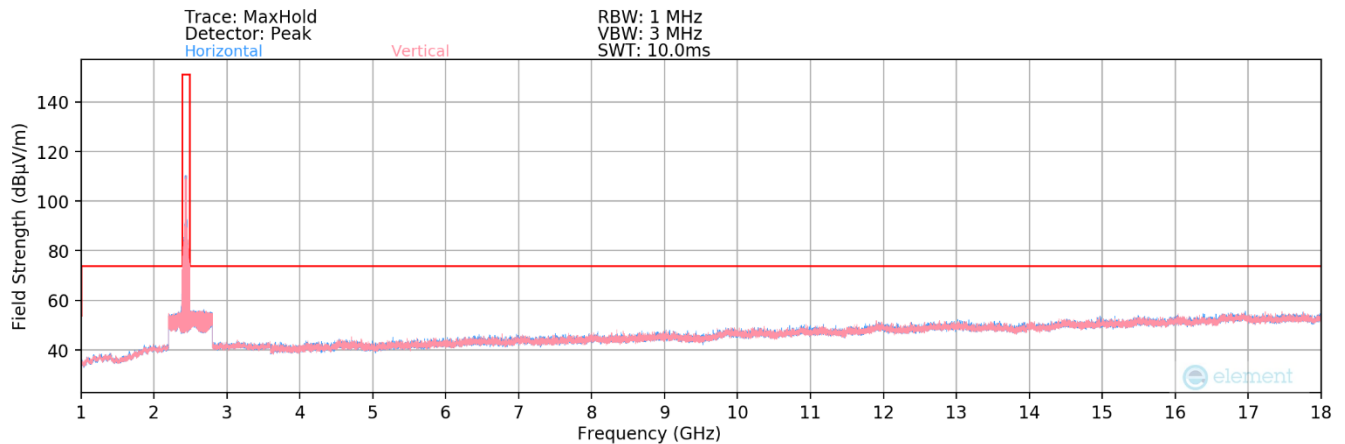


Plot 7-104. Radiated Spurious Plot above 1GHz MIMO (802.11ax OFDMA – 26 Tones – Ch. 11)

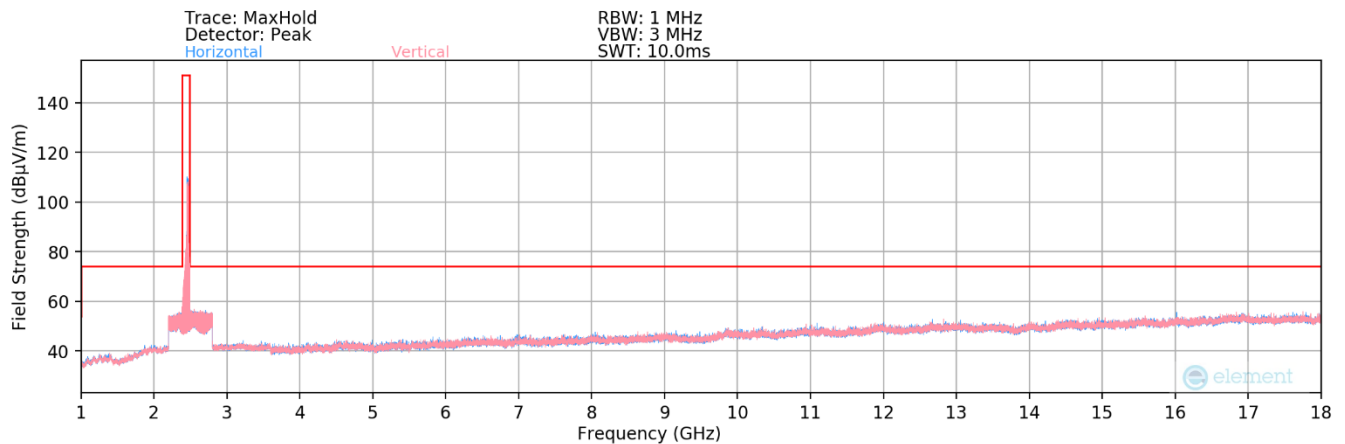
| | | | |
|---|--|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS911U | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 1M2209010096-12.A3L | Test Dates: 09/02/2022 - 11/22/2022 | EUT Type: Portable Handset | Page 86 of 101 |



Plot 7-105. Radiated Spurious Plot above 1GHz MIMO (802.11ax OFDMA – 242 Tones – Ch. 1)



Plot 7-106. Radiated Spurious Plot above 1GHz MIMO (802.11ax OFDMA – 242 Tones – Ch. 6)

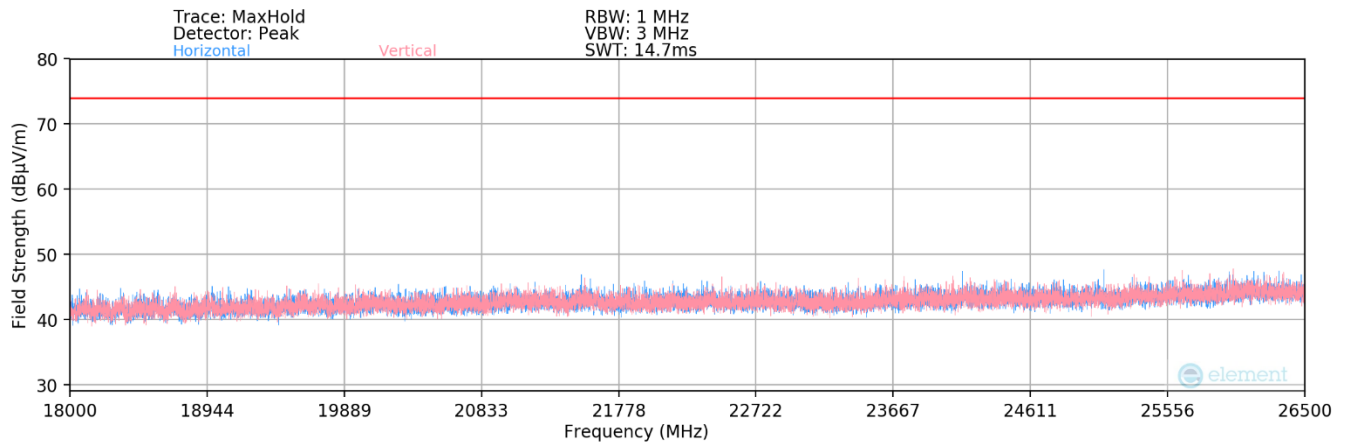


Plot 7-107. Radiated Spurious Plot above 1GHz MIMO (802.11ax OFDMA – 242 Tones – Ch. 11)

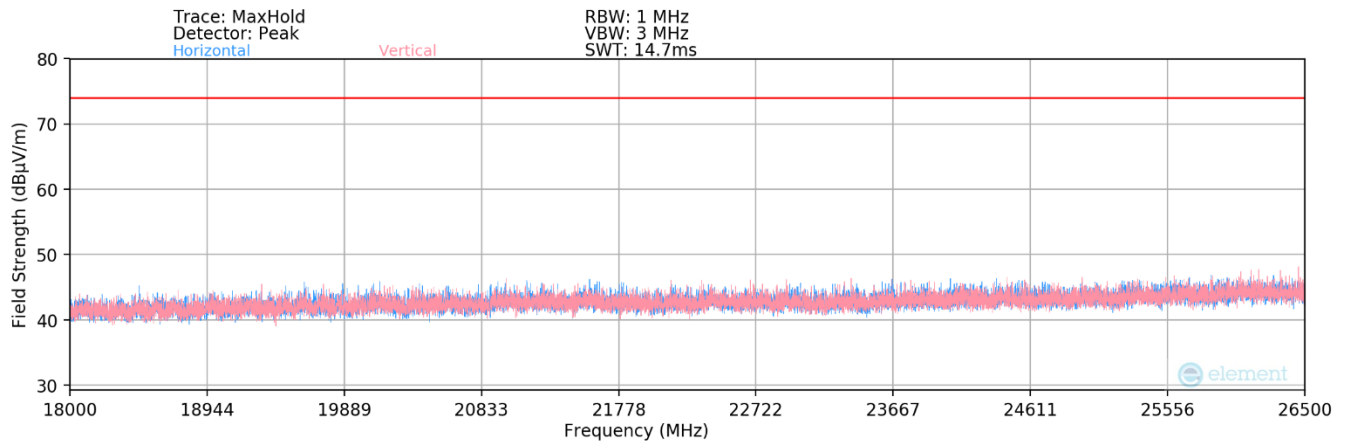
| | | | |
|--|---|--------------------------------------|--|
| FCC ID: A3LSMS911U | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 1M2209010096-12.A3L | Test Dates: 09/02/2022 - 11/22/2022 | EUT Type: Portable Handset | Page 87 of 101 |

MIMO Radiated Spurious Emissions Measurements (Above 18GHz)

§15.209; RSS-Gen [8.9]



Plot 7-108. Radiated Spurious Plot above 18GHz MIMO (802.11ax OFDMA – 26 Tones)



Plot 7-109. Radiated Spurious Plot above 18GHz MIMO (802.11ax OFDMA – 242 Tones)

| | | | |
|--|---|--------------------------------------|--|
| FCC ID: A3LSMS911U | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 1M2209010096-12.A3L | Test Dates: 09/02/2022 - 11/22/2022 | EUT Type: Portable Handset | Page 88 of 101 |

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: | 0 |
| 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 | - | - | -78.73 | 4.29 | 32.56 | 53.98 | -21.42 |
| 4824.00 | Peak | H | - | - | -65.86 | 4.29 | 45.43 | 73.98 | -28.55 |
| 12060.00 | Avg | H | - | - | -79.89 | 12.99 | 40.10 | 53.98 | -13.88 |
| 12060.00 | Peak | H | - | - | -68.33 | 12.99 | 51.66 | 73.98 | -22.32 |

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 | - | - | -78.87 | 7.53 | 35.66 | 53.98 | -18.32 |
| 4874.00 | Peak | H | - | - | -66.06 | 7.53 | 48.47 | 73.98 | -25.51 |
| 7311.00 | Avg | H | - | - | -80.68 | 12.43 | 38.75 | 53.98 | -15.23 |
| 7311.00 | Peak | H | - | - | -69.90 | 12.43 | 49.53 | 73.98 | -24.45 |
| 12185.00 | Avg | H | - | - | -79.21 | 19.08 | 46.87 | 53.98 | -7.11 |
| 12185.00 | Peak | H | - | - | -69.15 | 19.08 | 56.93 | 73.98 | -17.05 |

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

| | | | |
|---|--|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS911U | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 1M2209010096-12.A3L | Test Dates: 09/02/2022 - 11/22/2022 | EUT Type: Portable Handset | Page 89 of 101 |

Worst Case Mode: 802.11ax OFDMA
 Worst Case Transfer Rate: MCS0
 RU Index: 0
 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 | 128 | 343 | -75.28 | 7.54 | 39.26 | 53.98 | -14.72 |
| 4924.00 | Peak | V | 128 | 343 | -62.53 | 7.54 | 52.01 | 73.98 | -21.97 |
| 7386.00 | Avg | H | - | - | -79.03 | 12.14 | 40.11 | 53.98 | -13.87 |
| 7386.00 | Peak | H | - | - | -64.48 | 12.14 | 54.66 | 73.98 | -19.32 |
| 12310.00 | Avg | H | - | - | -82.56 | 18.99 | 43.43 | 53.98 | -10.55 |
| 12310.00 | Peak | H | - | - | -71.30 | 18.99 | 54.69 | 73.98 | -19.29 |

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

Worst Case Mode: 802.11ax OFDMA
 Worst Case Transfer Rate: MCS0
 RU Index: 0
 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 | - | - | -80.42 | 4.25 | 30.83 | 53.98 | -23.15 |
| 4924.00 | Peak | H | - | - | -69.06 | 4.25 | 42.19 | 73.98 | -31.79 |
| 7386.00 | Avg | H | - | - | -81.22 | 7.35 | 33.13 | 53.98 | -20.85 |
| 7386.00 | Peak | H | - | - | -69.41 | 7.35 | 44.94 | 73.98 | -29.04 |
| 12310.00 | Avg | H | - | - | -82.54 | 13.56 | 38.02 | 53.98 | -15.96 |
| 12310.00 | Peak | H | - | - | -70.99 | 13.56 | 49.57 | 73.98 | -24.41 |

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

| | | | |
|--|---|--------------------------------------|--|
| FCC ID: A3LSMS911U | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 1M2209010096-12.A3L | Test Dates: 09/02/2022 - 11/22/2022 | EUT Type: Portable Handset | Page 90 of 101 |

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 | - | - | -78.28 | 4.29 | 33.01 | 53.98 | -20.97 |
| 4824.00 | Peak | H | - | - | -66.33 | 4.29 | 44.96 | 73.98 | -29.02 |
| 12060.00 | Avg | H | - | - | -80.33 | 12.99 | 39.66 | 53.98 | -14.32 |
| 12060.00 | Peak | H | - | - | -70.15 | 12.99 | 49.84 | 73.98 | -24.14 |

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 | - | - | -78.35 | 4.30 | 32.95 | 53.98 | -21.03 |
| 4874.00 | Peak | H | - | - | -66.20 | 4.30 | 45.10 | 73.98 | -28.88 |
| 7311.00 | Avg | H | - | - | -79.01 | 7.45 | 35.44 | 53.98 | -18.54 |
| 7311.00 | Peak | H | - | - | -69.27 | 7.45 | 45.18 | 73.98 | -28.80 |
| 12185.00 | Avg | H | - | - | -79.76 | 13.41 | 40.65 | 53.98 | -13.33 |
| 12185.00 | Peak | H | - | - | -68.32 | 13.41 | 52.09 | 73.98 | -21.89 |

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

| | | | |
|---|--|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS911U | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 1M2209010096-12.A3L | Test Dates: 09/02/2022 - 11/22/2022 | EUT Type: Portable Handset | Page 91 of 101 |

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 | - | - | -78.12 | 4.25 | 33.13 | 53.98 | -20.85 |
| 4924.00 | Peak | H | - | - | -67.68 | 4.25 | 43.57 | 73.98 | -30.41 |
| 7386.00 | Avg | H | - | - | -79.22 | 7.35 | 35.13 | 53.98 | -18.85 |
| 7386.00 | Peak | H | - | - | -68.65 | 7.35 | 45.70 | 73.98 | -28.28 |
| 12310.00 | Avg | H | - | - | -81.04 | 13.56 | 39.52 | 53.98 | -14.46 |
| 12310.00 | Peak | H | - | - | -70.92 | 13.56 | 49.64 | 73.98 | -24.34 |

Table 7-30. 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: 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 | - | - | -78.56 | 4.25 | 32.69 | 53.98 | -21.29 |
| 4924.00 | Peak | H | - | - | -66.46 | 4.25 | 44.79 | 73.98 | -29.19 |
| 7386.00 | Avg | H | - | - | -81.12 | 7.35 | 33.23 | 53.98 | -20.75 |
| 7386.00 | Peak | H | - | - | -70.11 | 7.35 | 44.24 | 73.98 | -29.74 |
| 12310.00 | Avg | H | - | - | -83.19 | 13.56 | 37.37 | 53.98 | -16.61 |
| 12310.00 | Peak | H | - | - | -71.78 | 13.56 | 48.78 | 73.98 | -25.20 |

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

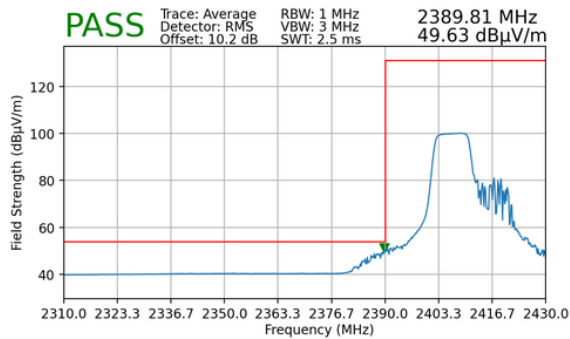
| | | | |
|--|---|--------------------------------------|--|
| FCC ID: A3LSMS911U | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 1M2209010096-12.A3L | Test Dates: 09/02/2022 - 11/22/2022 | EUT Type: Portable Handset | Page 92 of 101 |

7.7.3 SISO Antenna-2 Radiated Restricted Band Edge Measurements

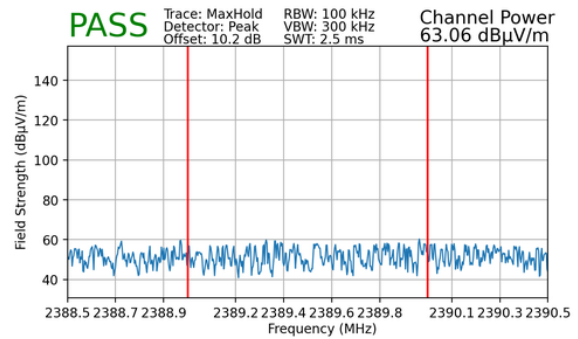
§15.205 §15.209; RSS-Gen [8.9]

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 |

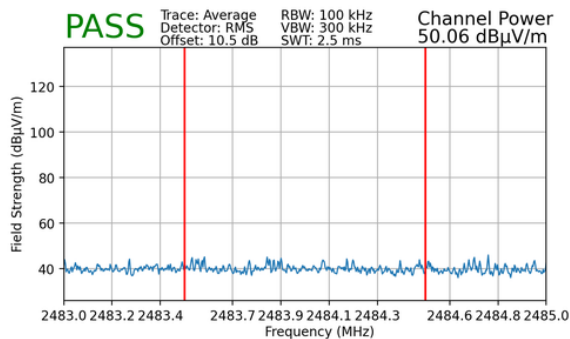


Plot 7-110. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Average – 106 Tones)

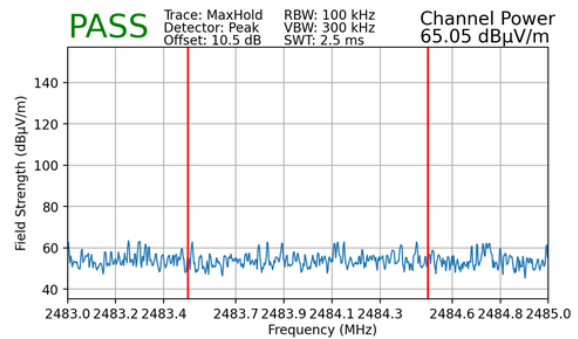


Plot 7-111. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Peak – 106 Tones)

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



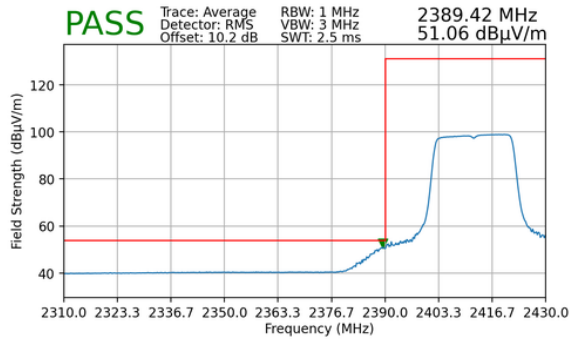
Plot 7-112. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Average – 106 Tones)



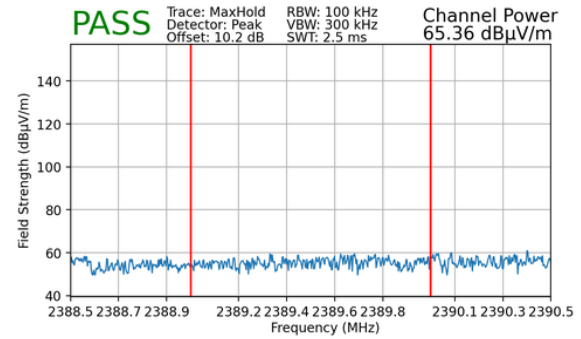
Plot 7-113. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Peak – 106 Tones)

| | | | |
|---|--|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS911U | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 1M2209010096-12.A3L | Test Dates: 09/02/2022 - 11/22/2022 | EUT Type: Portable Handset | Page 93 of 101 |

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

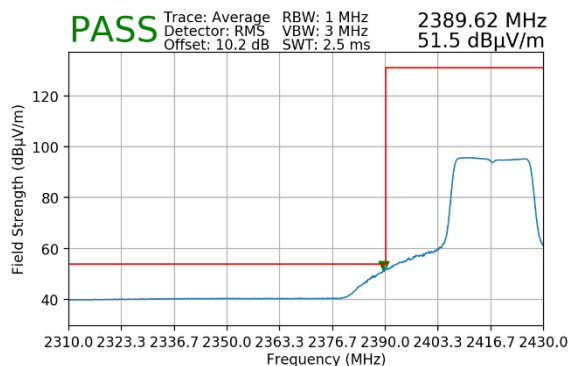


Plot 7-114. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Average – 242 Tones)

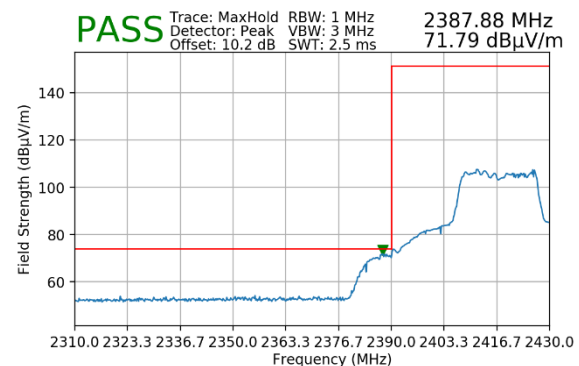


Plot 7-115. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Peak – 242 Tones)

| | |
|---------------------------|----------------|
| Worst Case Mode: | 802.11ax OFDMA |
| Worst Case Transfer Rate: | MCS0 |
| RU Index: | 61 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 2417MHz |
| Channel: | 2 |



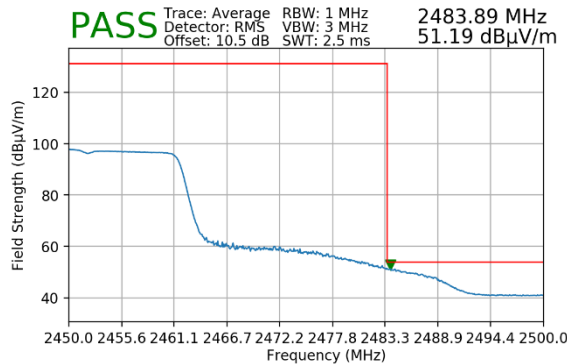
Plot 7-116. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Average – 242 Tones)



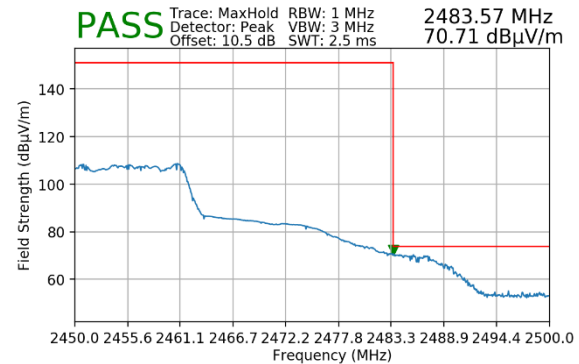
Plot 7-117. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Peak – 242 Tones)

| | | | |
|--|---|--------------------------------------|--|
| FCC ID: A3LSMS911U | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 1M2209010096-12.A3L | Test Dates: 09/02/2022 - 11/22/2022 | EUT Type: Portable Handset | Page 94 of 101 |

| | |
|---------------------------|----------------|
| Worst Case Mode: | 802.11ax OFDMA |
| Worst Case Transfer Rate: | MCS0 |
| RU Index: | 61 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 2452MHz |
| Channel: | 9 |

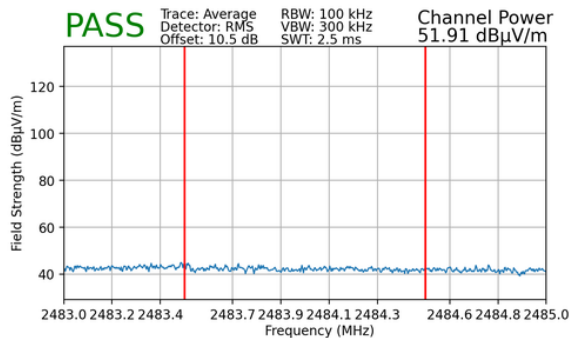


Plot 7-118. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Average – 242 Tones)

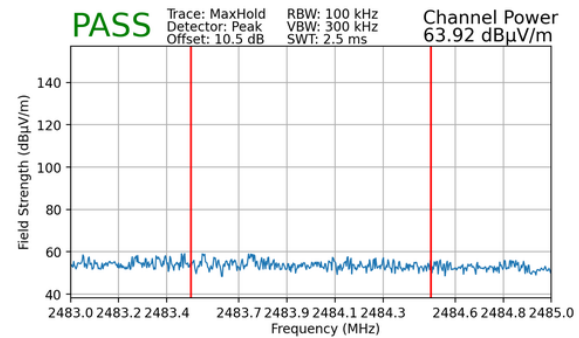


Plot 7-119. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Peak – 242 Tones)

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



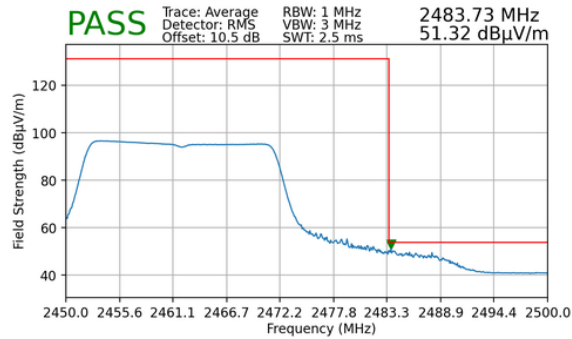
Plot 7-120. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Average – 242 Tones)



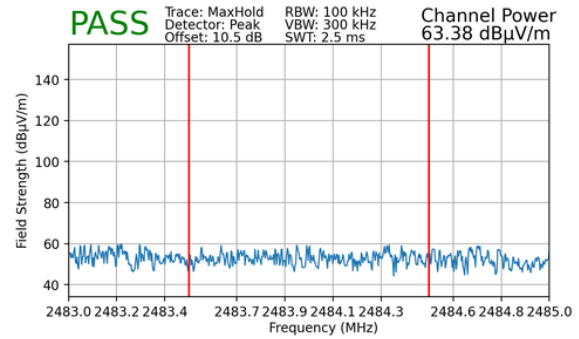
Plot 7-121. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Peak – 242 Tones)

| | | | |
|---|--|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS911U | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 1M2209010096-12.A3L | Test Dates: 09/02/2022 - 11/22/2022 | EUT Type: Portable Handset | Page 95 of 101 |

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 7-122. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Average – 242 Tones)



Plot 7-123. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Peak – 242 Tones)

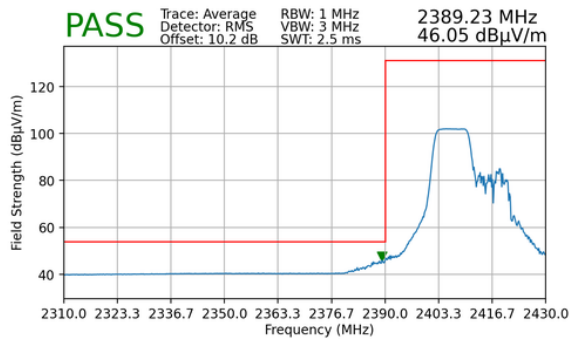
| | | | |
|---|--|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS911U | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
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7.7.4 MIMO Radiated Restricted Band Edge Measurements

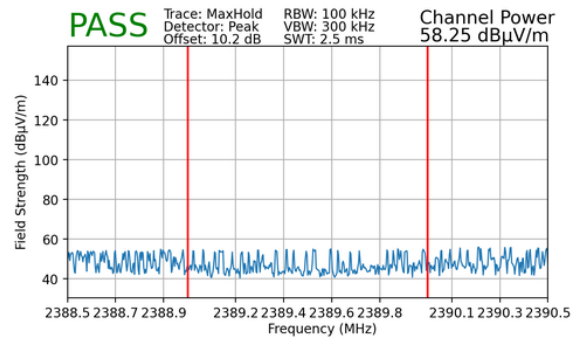
§15.205 §15.209; RSS-Gen [8.9]

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 |

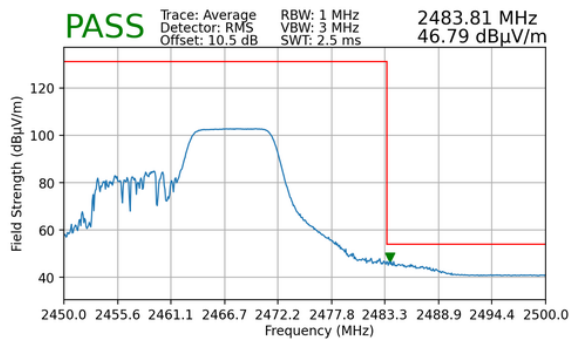


Plot 7-124. Radiated Restricted Lower Band Edge Measurement MIMO (Average – 106 Tones)

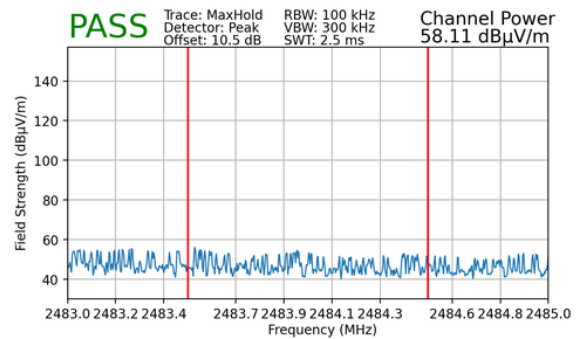


Plot 7-125. Radiated Restricted Lower Band Edge Measurement MIMO (Peak – 106 Tones)

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



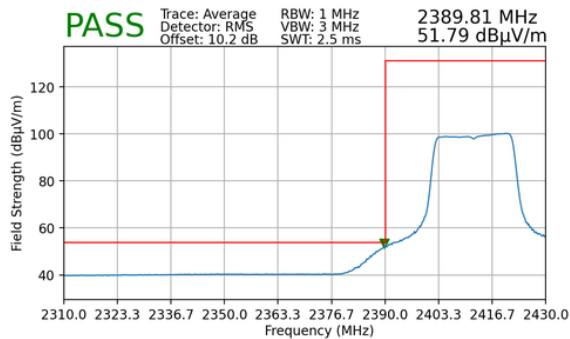
Plot 7-126. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 106 Tones)



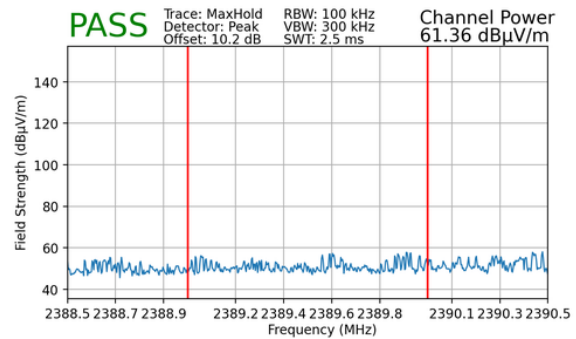
Plot 7-127. Radiated Restricted Upper Band Edge Measurement MIMO (Peak – 106 Tones)

| | | | |
|--|---|--------------------------------------|--|
| FCC ID: A3LSMS911U | 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

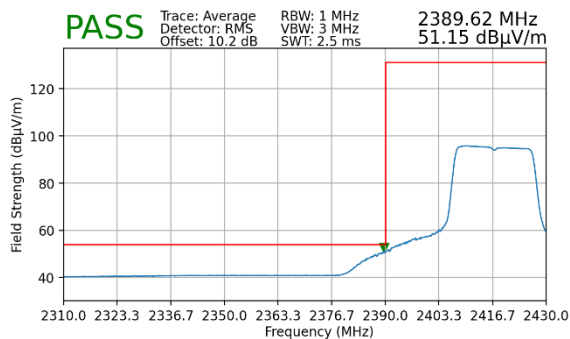


Plot 7-128. Radiated Restricted Lower Band Edge Measurement MIMO (Average – 242 Tones)

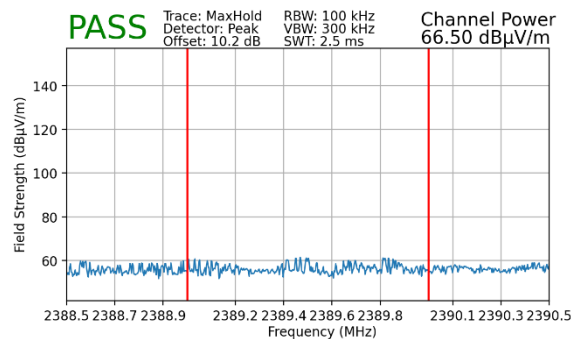


Plot 7-129. Radiated Restricted Lower Band Edge Measurement MIMO (Peak – 242 Tones)

Worst Case Mode: 802.11ax OFDMA
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 2417MHz
 Channel: 2



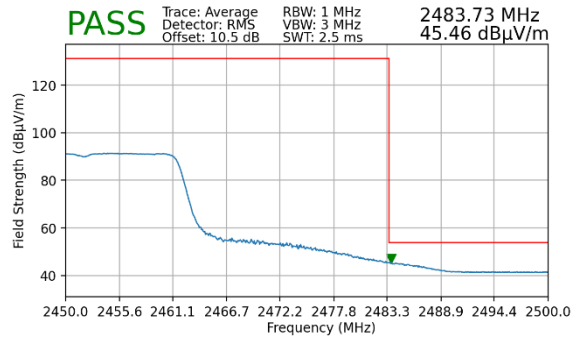
Plot 7-130. Radiated Restricted Lower Band Edge Measurement MIMO (Average – 242 Tones)



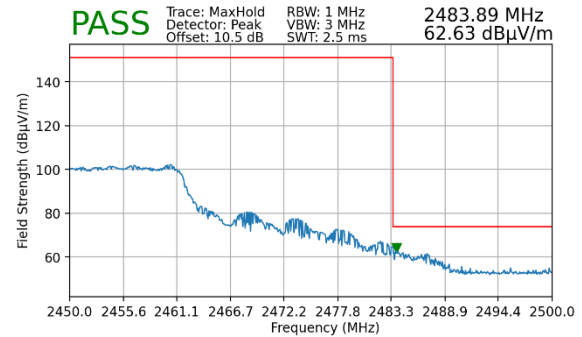
Plot 7-131. Radiated Restricted Lower Band Edge Measurement MIMO (Peak – 242 Tones)

| | | | |
|---|--|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS911U | 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: 2452MHz
 Channel: 9

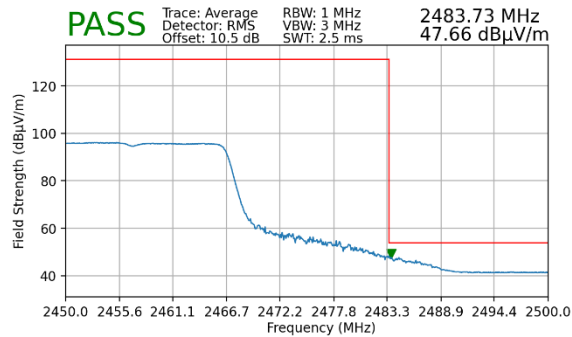


Plot 7-132. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 242 Tones)

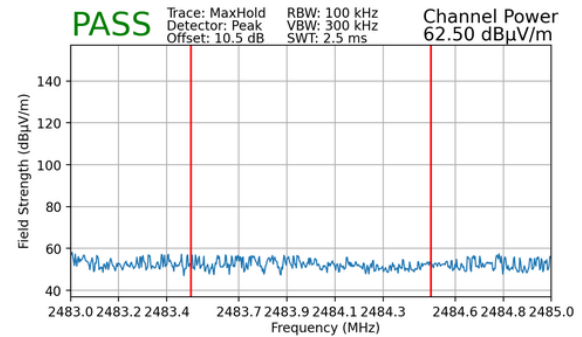


Plot 7-133. Radiated Restricted Upper Band Edge Measurement MIMO (Peak – 242 Tones)

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



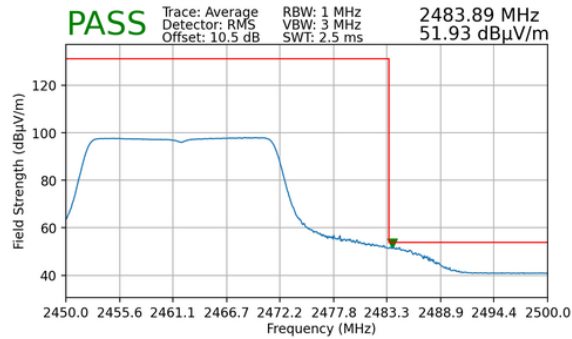
Plot 7-134. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 242 Tones)



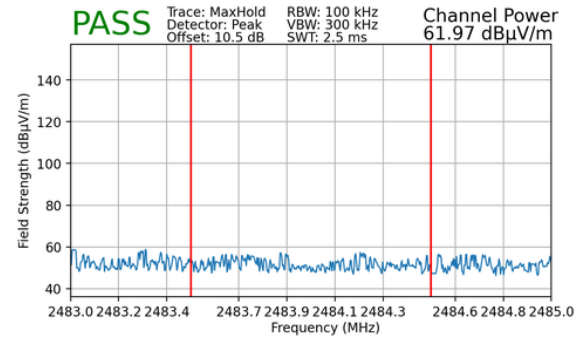
Plot 7-135. Radiated Restricted Upper Band Edge Measurement MIMO (Peak – 242 Tones)

| | | | |
|---|--|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS911U | 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: 2462MHz
 Channel: 11



Plot 7-136. Radiated Restricted Upper Band Edge Measurement MIMO (Average – 242 Tones)



Plot 7-137. Radiated Restricted Upper Band Edge Measurement MIMO (Peak – 242 Tones)

| | | | |
|--|---|--------------------------------------|--|
| FCC ID: A3LSMS911U | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
| Test Report S/N: 1M2209010096-12.A3L | Test Dates: 09/02/2022 - 11/22/2022 | EUT Type: Portable Handset | Page 100 of 101 |

8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Samsung Portable Handset FCC ID: A3LSMS911U** is in compliance with Part 15 Subpart C (15.247) of the FCC Rules.

| | | | |
|--|---|--------------------------------------|--|
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