

Worst Case Mode: 802.11ax OFDMA

Worst Case Transfer Rate: MCS0

RU Index:

Distance of Measurements: 3 Meters

Operating Frequency:

2462MHz

61

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

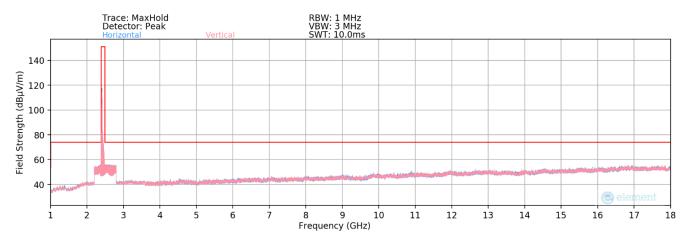
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|--------------------|----------|--------------------|---------------------------|----------------------------------|----------------------------|----------------|-------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

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

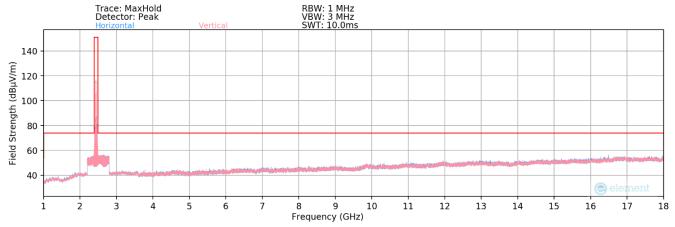
| FCC ID: A3LSMS911U | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
|---------------------|-------------------------|------------------------------------|-----------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 95 of 101 |
| 1M2209010096-12.A3L | 09/02/2022 - 11/22/2022 | Portable Handset | Page 85 of 101 |



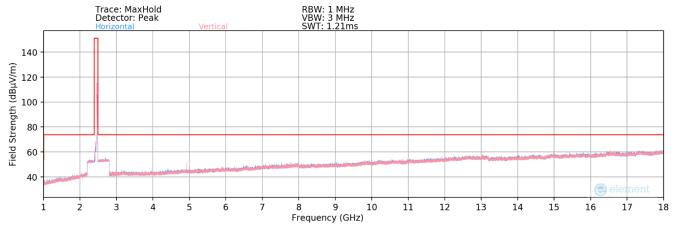
7.7.2 MIMO Radiated Spurious Emission Measurements §15.247(d) §15.205 & §15.209; RSS-Gen [8.9]



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)

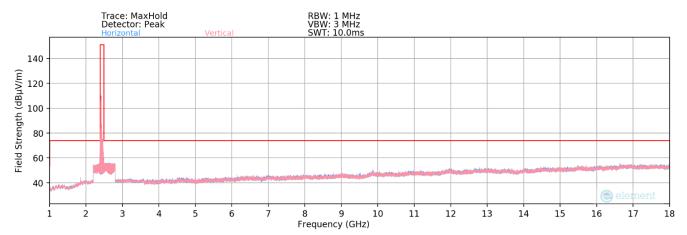


Plot 7-104. Radiated Spurious Plot above 1GHz MIMO (802.11ax OFDMA - 26 Tones - Ch. 11)

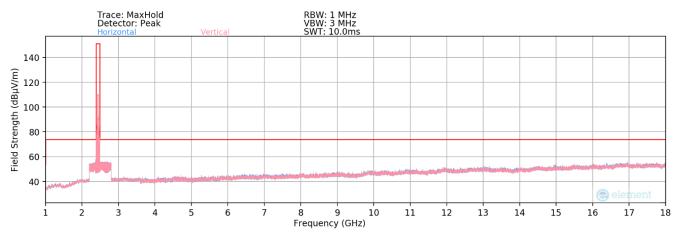
| FCC ID: A3LSMS911U | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
|---------------------|-------------------------|------------------------------------|-----------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Daga 96 of 101 |
| 1M2209010096-12.A3L | 09/02/2022 - 11/22/2022 | Portable Handset | Page 86 of 101 |
| © 2022 ELEMENT | | | V9.0 02/01/2019 |

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without written permission from Element. If you have any questions about this or have an inquiry about obtaining additional rights to this report or assembly of contents thereof, please contact

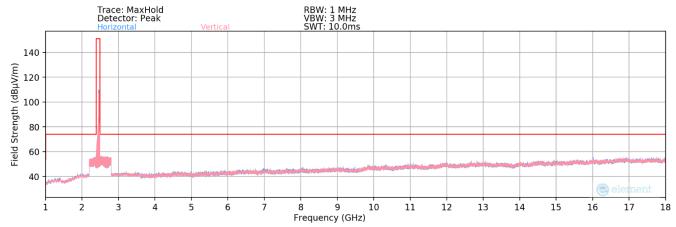




Plot 7-105. Radiated Spurious Plot above 1GHz MIMO (802.11ax OFDMA - 242 Tones - Ch. 1)



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) | | |
|---------------------|-------------------------|------------------------------------|----------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 97 of 101 | |
| 1M2209010096-12.A3L | 09/02/2022 - 11/22/2022 | Portable Handset | Page 87 of 101 | |

© 2022 ELEMENT

V9.0 02/01/2019

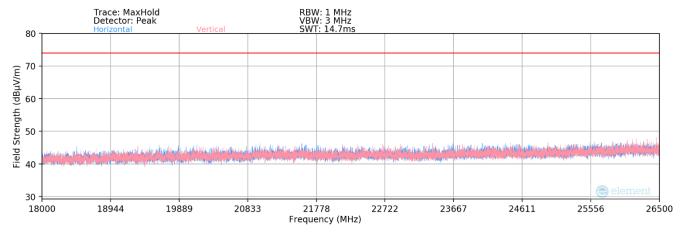
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without written permission from Element. If you have any questions about this or have an inquiry about obtaining additional rights to this report or assembly of contents thereof, please contact cript @lement.com



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: | Test Dates: | EUT Type: | Dogo 99 of 101 |
| 1M2209010096-12.A3L | 09/02/2022 - 11/22/2022 | Portable Handset | Page 88 of 101 |

© 2022 ELEMENT

V9.0 02/01/2019

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without written permission from Element. If you have any questions about this or have an inquiry about obtaining additional rights to this report or assembly of contents thereof, please contact cript (Palement con



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

Worst Case Mode:

Worst Case Transfer Rate:

RU Index:

Distance of Measurements:

Operating Frequency:

Channel:

802.11ax OFDMA

MCS0

3 Meters

2412MHz

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 | Н | - | - | -78.73 | 4.29 | 32.56 | 53.98 | -21.42 |
| 4824.00 | Peak | Н | - | - | -65.86 | 4.29 | 45.43 | 73.98 | -28.55 |
| 12060.00 | Avg | Н | - | - | -79.89 | 12.99 | 40.10 | 53.98 | -13.88 |
| 12060.00 | Peak | Н | - | - | -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 | Н | 1 | - | -78.87 | 7.53 | 35.66 | 53.98 | -18.32 |
| 4874.00 | Peak | Н | - | - | -66.06 | 7.53 | 48.47 | 73.98 | -25.51 |
| 7311.00 | Avg | Н | - | - | -80.68 | 12.43 | 38.75 | 53.98 | -15.23 |
| 7311.00 | Peak | Н | - | - | -69.90 | 12.43 | 49.53 | 73.98 | -24.45 |
| 12185.00 | Avg | Н | - | - | -79.21 | 19.08 | 46.87 | 53.98 | -7.11 |
| 12185.00 | Peak | Н | - | - | -69.15 | 19.08 | 56.93 | 73.98 | -17.05 |

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

| FCC ID: A3LSMS911U | | MEASUREMENT REPORT (CERTIFICATION) | | | |
|---------------------|-------------------------|------------------------------------|----------------|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | D 00 -f 404 | | |
| 1M2209010096-12.A3L | 09/02/2022 - 11/22/2022 | Portable Handset | Page 89 of 101 | | |



Channel:

Worst Case Mode: 802.11ax OFDMA Worst Case Transfer Rate: MCS0 0 RU Index: Distance of Measurements: 3 Meters Operating Frequency: 2462MHz

11

Field **Antenna Turntable** Analyzer Ant. Pol. **AFCL** Limit Margin Frequency **Detector** Height **Azimuth** Level Strength [MHz] [H/V] [dB/m] [dBµV/m] [dB] [cm] [degree] [dBm] [dBµV/m] 4924.00 Avg V 128 343 -75.28 7.54 39.26 53.98 -14.72 4924.00 ٧ 128 7.54 52.01 73.98 -21.97 Peak 343 -62.53 7386.00 Н -79.03 12.14 40.11 53.98 -13.87 Avg Н 7386.00 Peak -64.48 12.14 54.66 73.98 -19.32 12310.00 Н -82.56 18.99 43.43 53.98 -10.55 Avg 12310.00 Peak Н -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 | Н | - | - | -80.42 | 4.25 | 30.83 | 53.98 | -23.15 |
| 4924.00 | Peak | Н | - | - | -69.06 | 4.25 | 42.19 | 73.98 | -31.79 |
| 7386.00 | Avg | Н | - | - | -81.22 | 7.35 | 33.13 | 53.98 | -20.85 |
| 7386.00 | Peak | Н | - | - | -69.41 | 7.35 | 44.94 | 73.98 | -29.04 |
| 12310.00 | Avg | Н | - | - | -82.54 | 13.56 | 38.02 | 53.98 | -15.96 |
| 12310.00 | Peak | Н | - | - | -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) | | | |
|---------------------|-------------------------|------------------------------------|----------------|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | Page 90 of 101 | | |
| 1M2209010096-12.A3L | 09/02/2022 - 11/22/2022 | Portable Handset | | | |



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 | Н | - | - | -78.28 | 4.29 | 33.01 | 53.98 | -20.97 |
| 4824.00 | Peak | Н | - | - | -66.33 | 4.29 | 44.96 | 73.98 | -29.02 |
| 12060.00 | Avg | Н | - | - | -80.33 | 12.99 | 39.66 | 53.98 | -14.32 |
| 12060.00 | Peak | Н | - | - | -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 | Н | - | - | -78.35 | 4.30 | 32.95 | 53.98 | -21.03 |
| 4874.00 | Peak | Н | - | - | -66.20 | 4.30 | 45.10 | 73.98 | -28.88 |
| 7311.00 | Avg | Н | - | - | -79.01 | 7.45 | 35.44 | 53.98 | -18.54 |
| 7311.00 | Peak | Н | - | - | -69.27 | 7.45 | 45.18 | 73.98 | -28.80 |
| 12185.00 | Avg | Н | - | - | -79.76 | 13.41 | 40.65 | 53.98 | -13.33 |
| 12185.00 | Peak | Н | - | - | -68.32 | 13.41 | 52.09 | 73.98 | -21.89 |

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

| FCC ID: A3LSMS911U | | Approved by: Technical Manager | |
|---------------------|-------------------------|-----------------------------------|----------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 01 of 101 |
| 1M2209010096-12.A3L | 09/02/2022 - 11/22/2022 | 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 | Н | - | - | -78.12 | 4.25 | 33.13 | 53.98 | -20.85 |
| 4924.00 | Peak | Н | - | - | -67.68 | 4.25 | 43.57 | 73.98 | -30.41 |
| 7386.00 | Avg | Н | - | - | -79.22 | 7.35 | 35.13 | 53.98 | -18.85 |
| 7386.00 | Peak | Н | - | - | -68.65 | 7.35 | 45.70 | 73.98 | -28.28 |
| 12310.00 | Avg | Н | - | - | -81.04 | 13.56 | 39.52 | 53.98 | -14.46 |
| 12310.00 | Peak | Н | - | - | -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 | Н | - | - | -78.56 | 4.25 | 32.69 | 53.98 | -21.29 |
| 4924.00 | Peak | Н | - | - | -66.46 | 4.25 | 44.79 | 73.98 | -29.19 |
| 7386.00 | Avg | Н | - | - | -81.12 | 7.35 | 33.23 | 53.98 | -20.75 |
| 7386.00 | Peak | Н | - | - | -70.11 | 7.35 | 44.24 | 73.98 | -29.74 |
| 12310.00 | Avg | Н | - | - | -83.19 | 13.56 | 37.37 | 53.98 | -16.61 |
| 12310.00 | Peak | Н | - | - | -71.78 | 13.56 | 48.78 | 73.98 | -25.20 |

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

| FCC ID: A3LSMS911U | | Approved by: Technical Manager | |
|---------------------|-------------------------|-----------------------------------|----------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dogg 02 of 101 |
| 1M2209010096-12.A3L | 09/02/2022 - 11/22/2022 | 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:

Worst Case Transfer Rate:

RU Index:

Distance of Measurements:

Operating Frequency:

Channel:

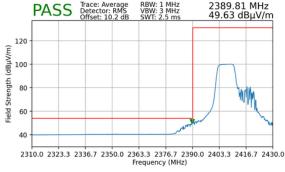
802.11ax OFDMA

MCS0

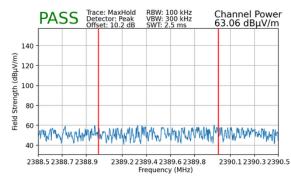
53

3 Meters

2412MHz



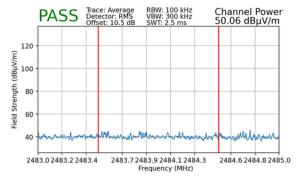
Plot 7-110. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Average – 106 Tones)



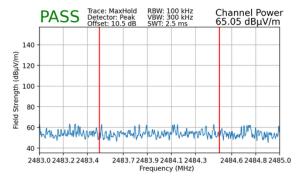
Plot 7-111. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Peak – 106 Tones)

Worst Case Mode:
Worst Case Transfer Rate:
RU Index:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax OFDMA
MCS0
54
3 Meters
2462MHz
11



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



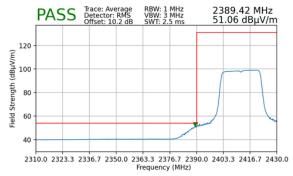
Plot 7-113. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Peak – 106 Tones)

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

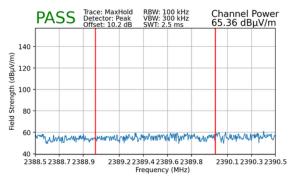


Worst Case Mode:
Worst Case Transfer Rate:
RU Index:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax OFDMA
MCS0
61
3 Meters
2412MHz
1



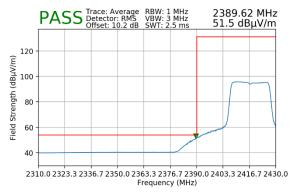
Plot 7-114. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Average – 242 Tones)



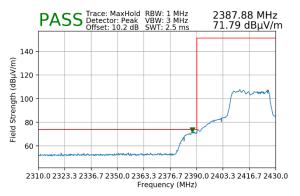
Plot 7-115. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Peak – 242 Tones)

Worst Case Mode:
Worst Case Transfer Rate:
RU Index:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax OFDMA
MCS0
61
3 Meters
2417MHz



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 | | Approved by: Technical Manager | |
|---------------------|-------------------------|-----------------------------------|----------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 94 of 101 |
| 1M2209010096-12.A3L | 09/02/2022 - 11/22/2022 | Portable Handset | rage 94 of 101 |

© 2022 ELEMENT

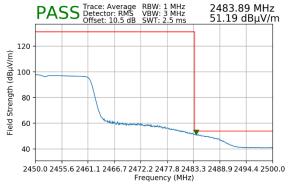
V9.0 02/01/2019

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without written permission from Element. If you have any questions about this or have an inquiry about obtaining additional rights to this report or assembly of contents thereof, please contact cripting element come.

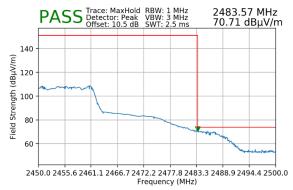


Worst Case Mode:
Worst Case Transfer Rate:
RU Index:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax OFDMA
MCS0
61
3 Meters
2452MHz
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:

Worst Case Transfer Rate:

RU Index:

Distance of Measurements:

Operating Frequency:

Channel:

802.11ax OFDMA

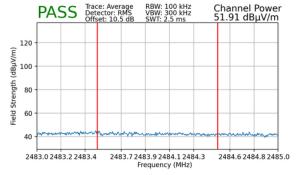
MCS0

61

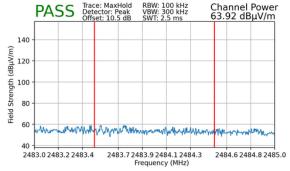
3 Meters

2457MHz

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 | | Approved by: Technical Manager | |
|---------------------|-------------------------|-----------------------------------|----------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 05 of 101 |
| 1M2209010096-12.A3L | 09/02/2022 - 11/22/2022 | Portable Handset | Page 95 of 101 |

© 2022 ELEMENT

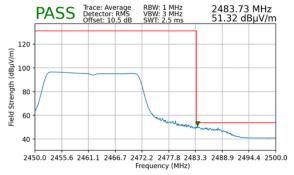
V9.0 02/01/2019

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without written permission from Element. If you have any questions about this or have an inquiry about obtaining additional rights to this report or assembly of contents thereof, please contact of info@element.com

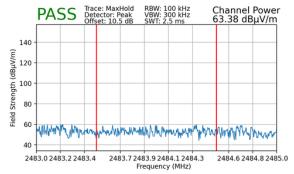


Worst Case Mode:
Worst Case Transfer Rate:
RU Index:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ax OFDMA
MCS0
61
3 Meters
2462MHz
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 | | Approved by: Technical Manager | |
|---------------------|-------------------------|-----------------------------------|----------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 06 of 101 |
| 1M2209010096-12.A3L | 09/02/2022 - 11/22/2022 | Portable Handset | Page 96 of 101 |



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:

Worst Case Transfer Rate:

RU Index:

Distance of Measurements:

Operating Frequency:

Channel:

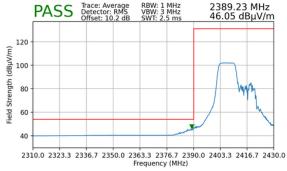
802.11ax OFDMA

MCS0

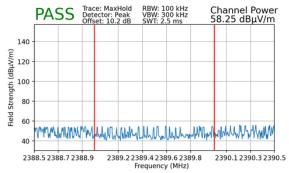
53

3 Meters

2412MHz



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:

Worst Case Transfer Rate:

RU Index:

Distance of Measurements:

Operating Frequency:

Channel:

802.11ax OFDMA

MCS0

54

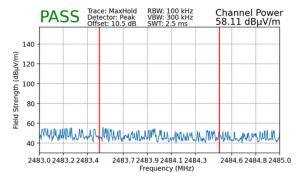
3 Meters

2462MHz

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 | | Approved by: Technical Manager | |
|---------------------|-------------------------|-----------------------------------|----------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 07 of 101 |
| 1M2209010096-12.A3L | 09/02/2022 - 11/22/2022 | Portable Handset | Page 97 of 101 |

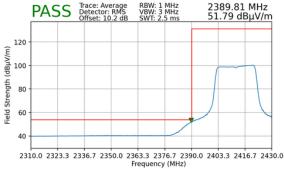


Worst Case Mode: 802.11ax OFDMA MCS0 Worst Case Transfer Rate: 61

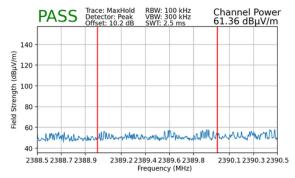
RU Index:

Distance of Measurements: Operating Frequency:

3 Meters 2412MHz Channel: 1 2389.81 MHz

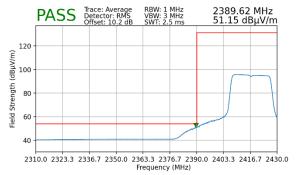


Plot 7-128. Radiated Restricted Lower Band Edge Measurement MIMO (Average - 242 Tones)

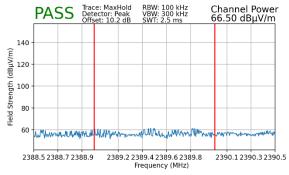


Plot 7-129. Radiated Restricted Lower Band Edge Measurement MIMO (Peak - 242 Tones)

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



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 | | Approved by: Technical Manager | |
|---------------------|-------------------------|-----------------------------------|----------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 09 of 101 |
| 1M2209010096-12.A3L | 09/02/2022 - 11/22/2022 | Portable Handset | Page 98 of 101 |

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without written permission from Element. If you have any questions about this or have an inquiry about obtaining additional rights to this report or assembly of contents thereof, please contact



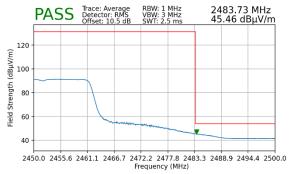
Worst Case Mode: 802.11ax OFDMA MCS0 Worst Case Transfer Rate:

RU Index:

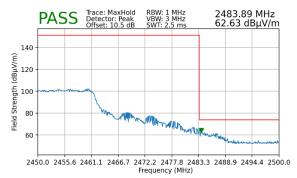
61 Distance of Measurements: 3 Meters 2452MHz Operating Frequency:

9

Channel:

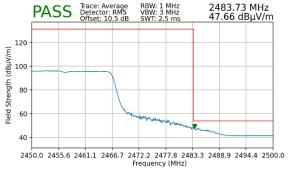


Plot 7-132. Radiated Restricted Upper Band Edge Measurement MIMO (Average - 242 Tones)

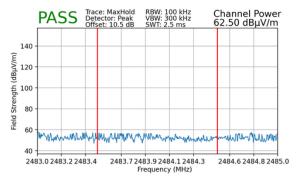


Plot 7-133. Radiated Restricted Upper Band Edge Measurement MIMO (Peak - 242 Tones)

Worst Case Mode: 802.11ax OFDMA Worst Case Transfer Rate: MCS0 RU Index: 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 | | Approved by: Technical Manager | |
|---------------------|-------------------------|-----------------------------------|----------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 00 of 101 |
| 1M2209010096-12.A3L | 09/02/2022 - 11/22/2022 | Portable Handset | Page 99 of 101 |



Worst Case Mode:

Worst Case Transfer Rate:

RU Index:

Distance of Measurements:

Operating Frequency:

Channel:

802.11ax OFDMA

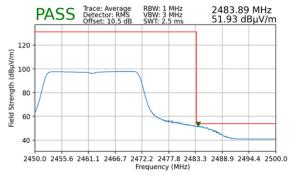
MCS0

61

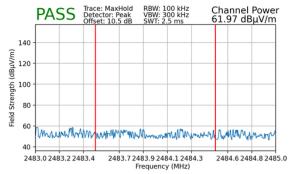
3 Meters

2462MHz

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: | Test Dates: | EUT Type: | Dogo 100 of 101 |
| 1M2209010096-12.A3L | 09/02/2022 - 11/22/2022 | 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.

| FCC ID: A3LSMS911U | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Technical Manager |
|---------------------|------------------------------------|------------------|--------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Page 101 of 101 |
| 1M2209010096-12.A3L | 09/02/2022 - 11/22/2022 | Portable Handset | Page 101 01 101 |