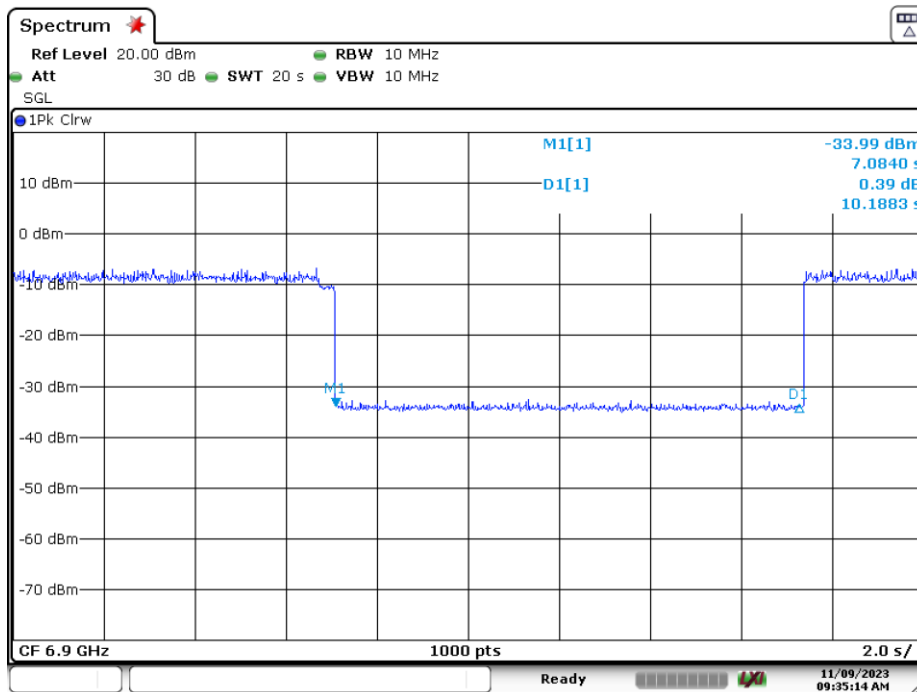


Date: 9.NOV.2023 09:32:26

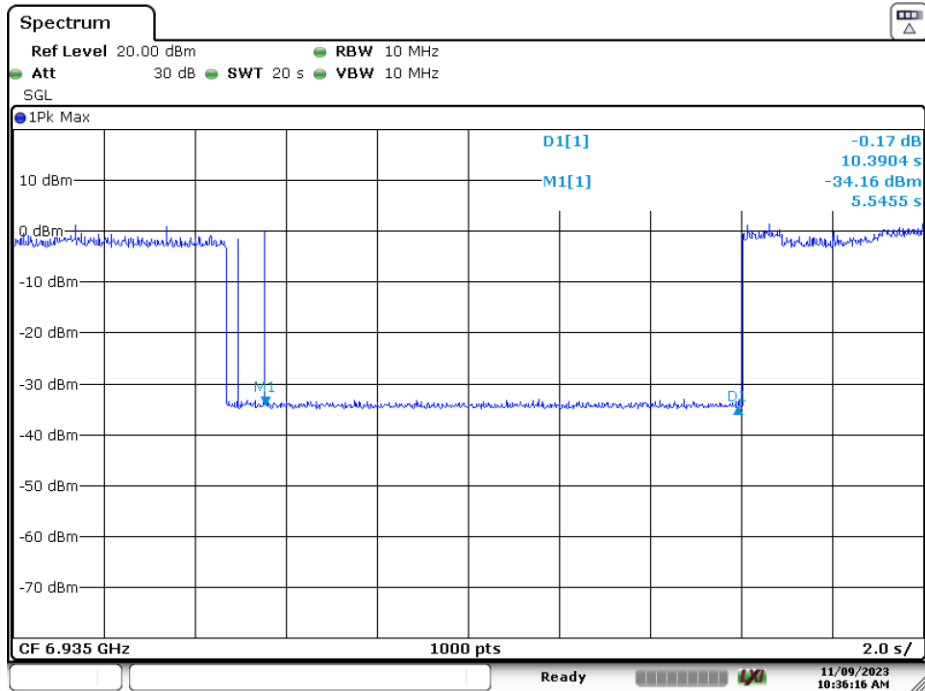
Plot 7-499. Contention Based Protocol Timing Plot (320MHz (UNII Band 7) – Ch. 159 Mid)



Date: 9.NOV.2023 09:35:14

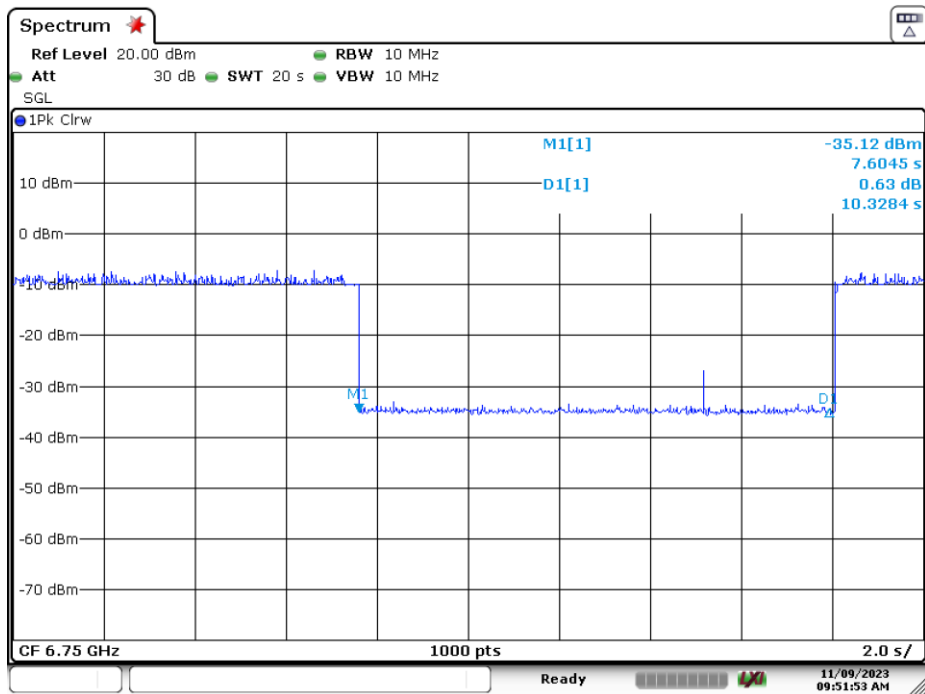
Plot 7-500. Contention Based Protocol Timing Plot (320MHz (UNII Band 7) – Ch. 159 High)

| | | | |
|--|----------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 305 of 330 |



Date: 9.NOV.2023 10:36:16

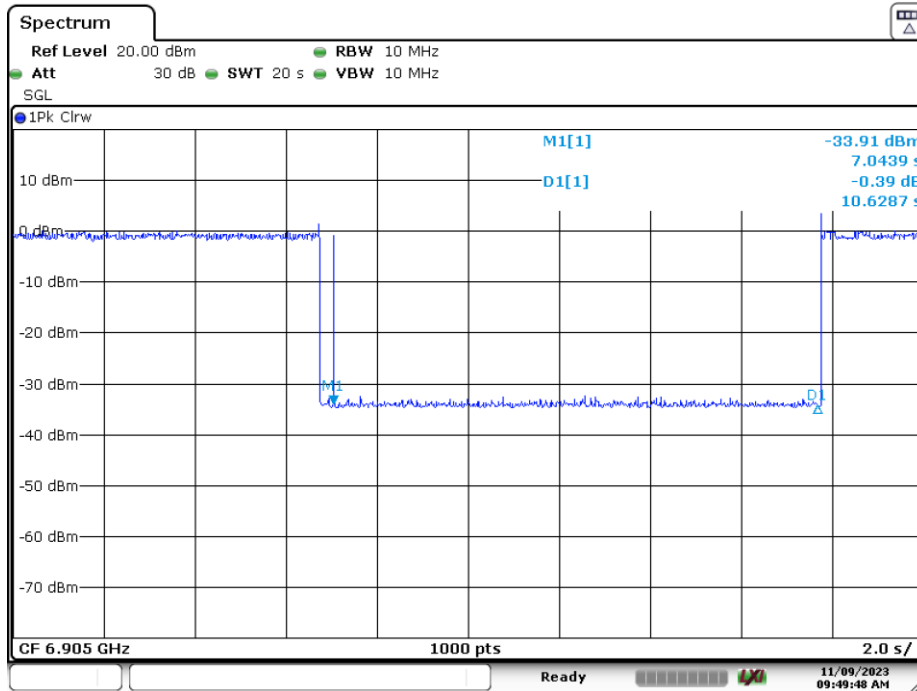
Plot 7-501. Contention Based Protocol Timing Plot (20MHz (UNII Band 8) – Ch. 197)



Date: 9.NOV.2023 09:51:53

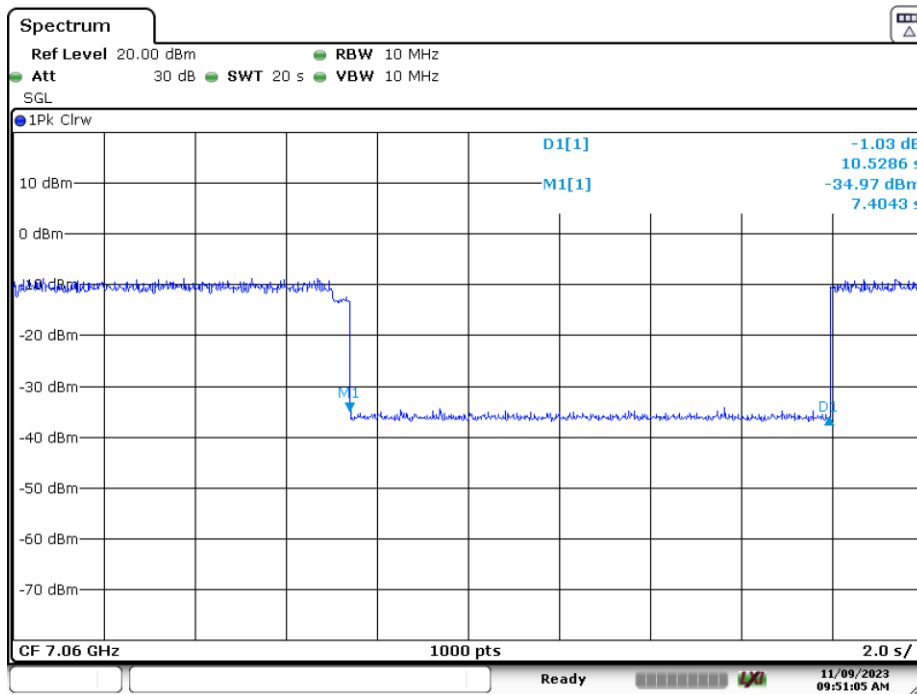
Plot 7-502. Contention Based Protocol Timing Plot (320MHz (UNII Band 8) – Ch. 191 Low)

| FCC ID: A3LSMS928B | | MEASUREMENT REPORT | | Approved by: Technical Manager |
|--|----------------------------------|-------------------------------|--|-----------------------------------|
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | | Page 306 of 330 |



Date: 9.NOV.2023 09:49:48

Plot 7-503. Contention Based Protocol Timing Plot (320MHz (UNII Band 8) – Ch. 191 Mid)



Date: 9.NOV.2023 09:51:05

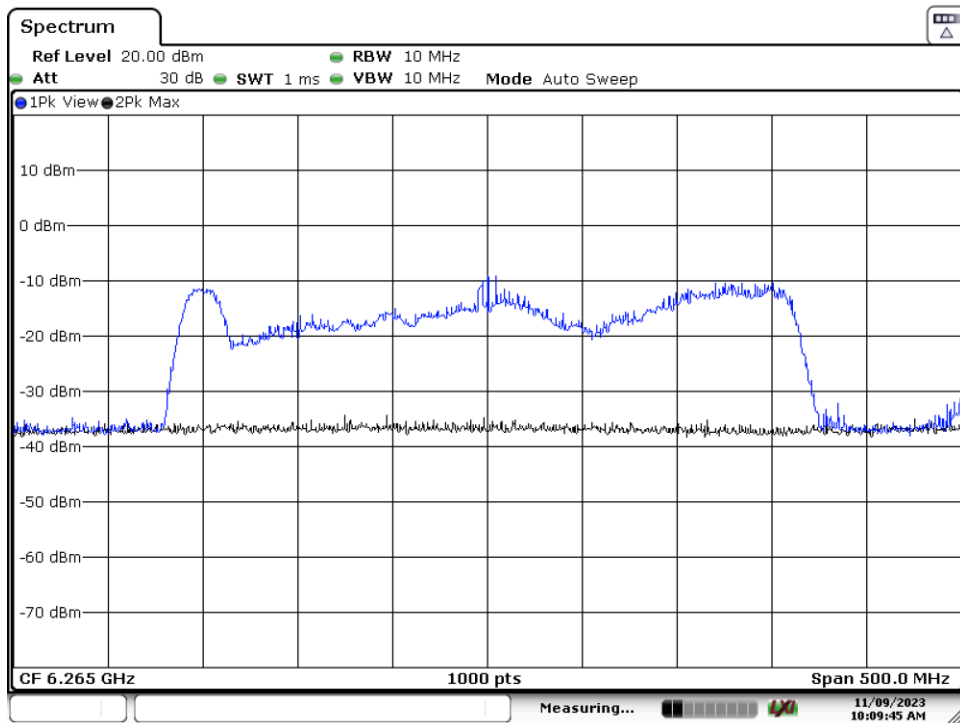
Plot 7-504. Contention Based Protocol Timing Plot (320MHz (UNII Band 8) – Ch. 191 High)

| | | | |
|--|----------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 307 of 330 |

7.6.3 Channel Move Plots

This section demonstrates the effect of injecting the AWGN signal at various locations throughout the 320MHz signal. The blue trace shows the full 320MHz signal prior to AWGN injection while the black trace shows the spectrum following AWGN injection. The following items were observed as demonstrated in the three plots shown below:

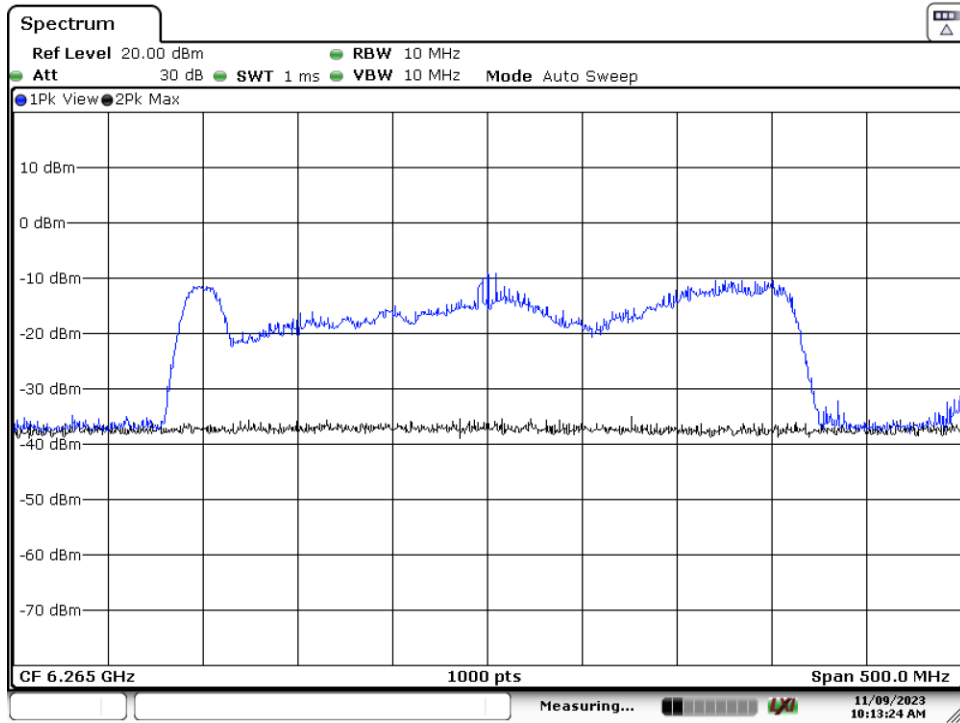
- When a 10 MHz AWGN signal centered at 6110 MHz (lower edge of channel) is injected, the channel completely stops transmitting.
- When a 10 MHz AWGN signal centered at 6265 MHz (middle of channel) is injected, the channel completely stops transmitting.
- When a 10 MHz AWGN signal centered at 6420 MHz (upper edge of channel) is injected, the upper 160MHz portion of the channel stops transmitting.



Date: 9.NOV.2023 10:09:45

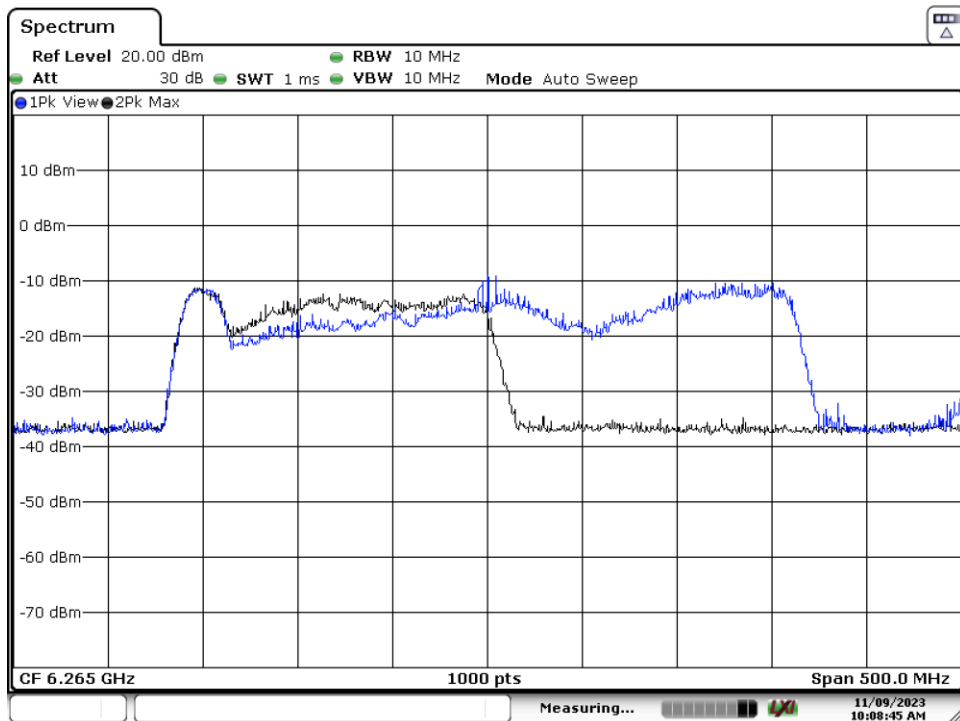
Plot 7-505. CBP 320MHz Channel - Injection Lower Edge – [6110 MHz]

| | | | |
|--|----------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 308 of 330 |



Date: 9.NOV.2023 10:13:24

Plot 7-506. CBP 320MHz Channel - Injection Center – [6265 MHz]



Date: 9.NOV.2023 10:08:45

Plot 7-507. CBP 320MHz Channel - Injection Upper Edge – [6420 MHz]

| | | | |
|--|----------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 309 of 330 |

7.7 Radiated Emission Measurements

Test Overview and Limit

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2013, and at the appropriate frequencies. All channels, modes (e.g. 802.11ax (20/40/80/160MHz)), and modulations/data rates were investigated among all UNII bands. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz

Emissions found in a restricted band are subject to the limits of 15.209 as shown in the table below.

| Frequency | Field Strength [$\mu\text{V/m}$] | Measured Distance [Meters] |
|-------------------|---------------------------------------|-------------------------------|
| 0.009 – 0.490 MHz | 2400/F (kHz) | 300 |
| 0.490 – 1.705 MHz | 24000/F (kHz) | 30 |
| 1.705 – 30.00 MHz | 30 | 30 |
| 30.00 – 88.00 MHz | 100 | 3 |
| 88.00 – 216.0 MHz | 150 | 3 |
| 216.0 – 960.0 MHz | 200 | 3 |
| Above 960.0 MHz | 500 | 3 |

Table 7-50. Radiated Limits

Test Procedures Used

ANSI C63.10-2013 – Sections 12.7.7.2, 12.7.6, 12.7.5

Test Settings – Above 1GHz

Average Field Strength Measurements (Method AD – Average Detection)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest.
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (RMS)
5. Number of measurement points = 1001 (Number of points must be $\geq 2 \times \text{span} \backslash \backslash \text{RBW}$)
6. Sweep time = auto
7. Trace (RMS) averaging was performed over at least 100 traces.

| | | | |
|--|----------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 310 of 330 |

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest.
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize.

Test Settings – Below 1GHz

Quasi-Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest.
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize.

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

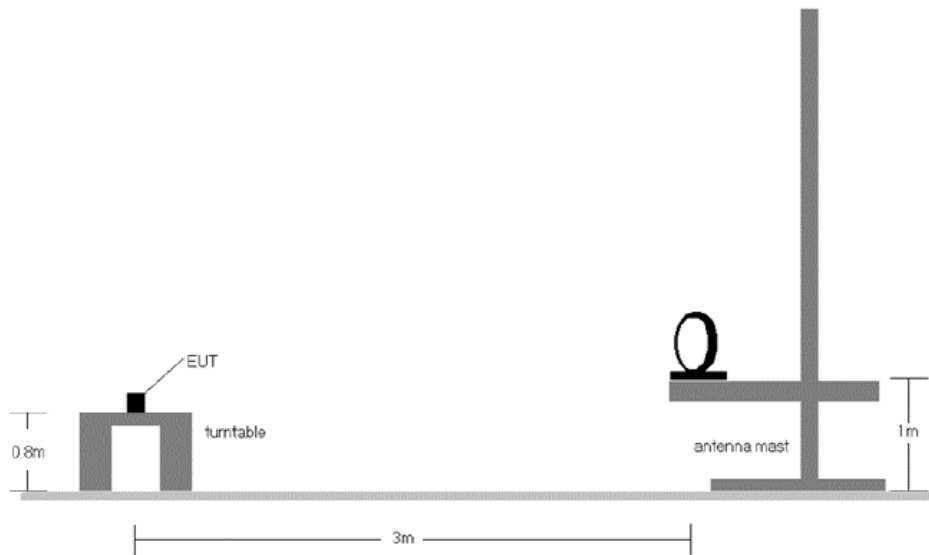


Figure 7-6. Radiated Test Setup < 30MHz

| | | | |
|---|---|--------------------------------------|--|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 311 of 330 |

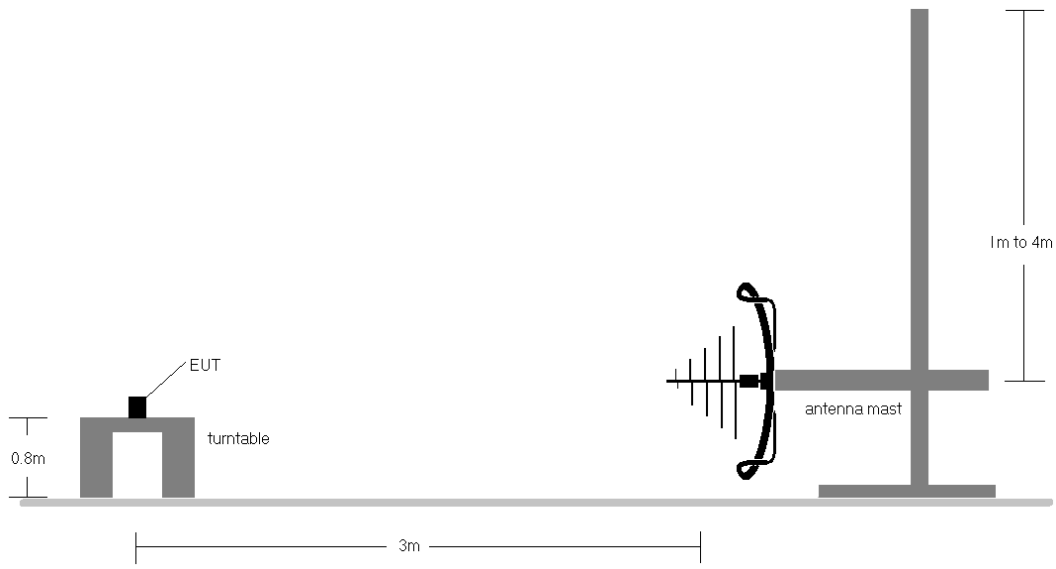


Figure 7-7. Radiated Test Setup < 1GHz

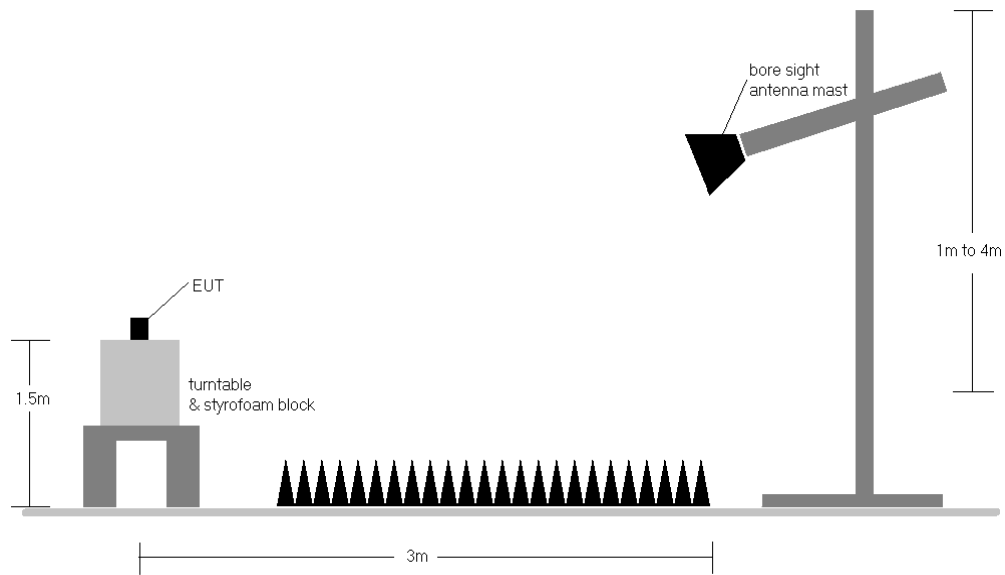


Figure 7-8. Radiated Test Setup > 1GHz

| | | | |
|---|---|--------------------------------------|--|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 312 of 330 |

Test Notes

1. All spurious emissions lying in restricted bands specified in §15.205 are below the limit shown in §15.209. All spurious emissions that do not lie in a restricted band are subject to an average limit of -27dBm/MHz. At 3 meters, the field strength limit in dB μ V/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dB μ V/m.
2. All spurious emissions that do not lie in a restricted band are subject to a peak limit not to exceed 20dB of the average limit [68.2dB μ V/m]. If a peak measurement passes the average limit, it was determined no further investigation is necessary.
3. The antenna is manipulated through typical positions, polarity, and length during the tests. The EUT is manipulated through three orthogonal planes.
4. This unit was tested with its standard battery.
5. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1GHz. Above 1 GHz, average and peak measurements were taken using linearly polarized horn antennas. The worst-case emissions are reported, however emissions whose levels were not within 20dB of the respective limits were not reported.
6. Emissions below 18GHz were measured at a 3-meter test distance while emissions above 18GHz were measured at a 1-meter test distance with the application of a distance correction factor.
7. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. Any emissions found to be within 20dB of the limit are fully investigated and the results are shown in this section.
8. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
9. For radiated measurements, emissions were investigated for the fully-loaded RU configuration and for all of the partially-loaded RU configurations. Among all of the available partially-loaded RU configurations, only the configuration with the worst case emissions is reported.

Sample Calculations

Determining Spurious Emissions Levels

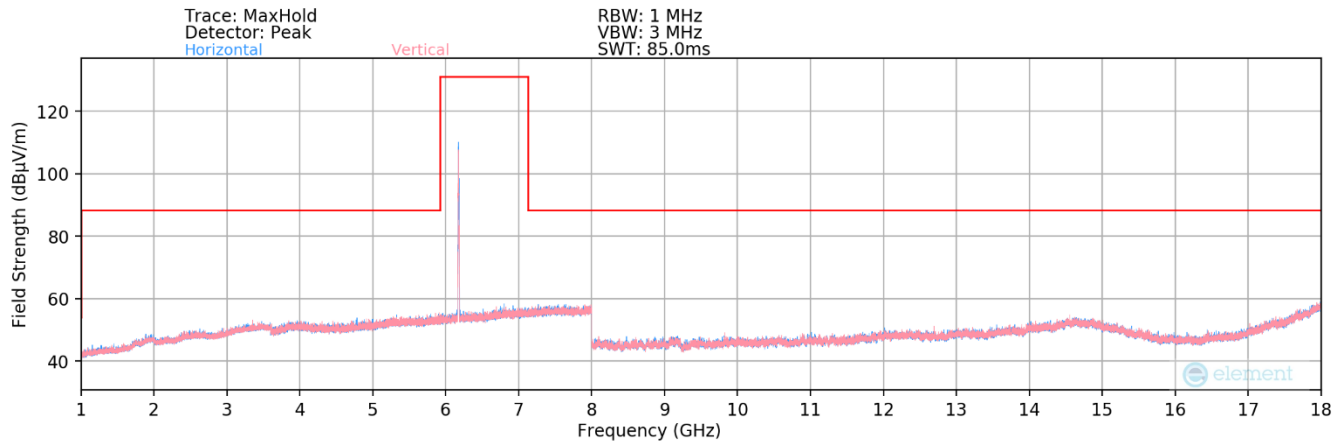
- Field Strength Level [dB μ V/m] = Analyzer Level [dBm] + 107 + AFCL [dB/m]
- AFCL [dB/m] = Antenna Factor [dB/m] + Cable Loss [dB]
- Margin [dB] = Field Strength Level [dB μ V/m] – Limit [dB μ V/m]

Radiated Band Edge Measurement Offset

- The amplitude offset shown in the radiated restricted band edge plots was calculated using the formula:
Offset (dB) = (Antenna Factor + Cable Loss + Attenuator) – Preamplifier Gain

| | | | |
|---|---|--------------------------------------|--|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 313 of 330 |

7.7.1 MIMO Radiated Spurious Emission Measurements (26 Tones)

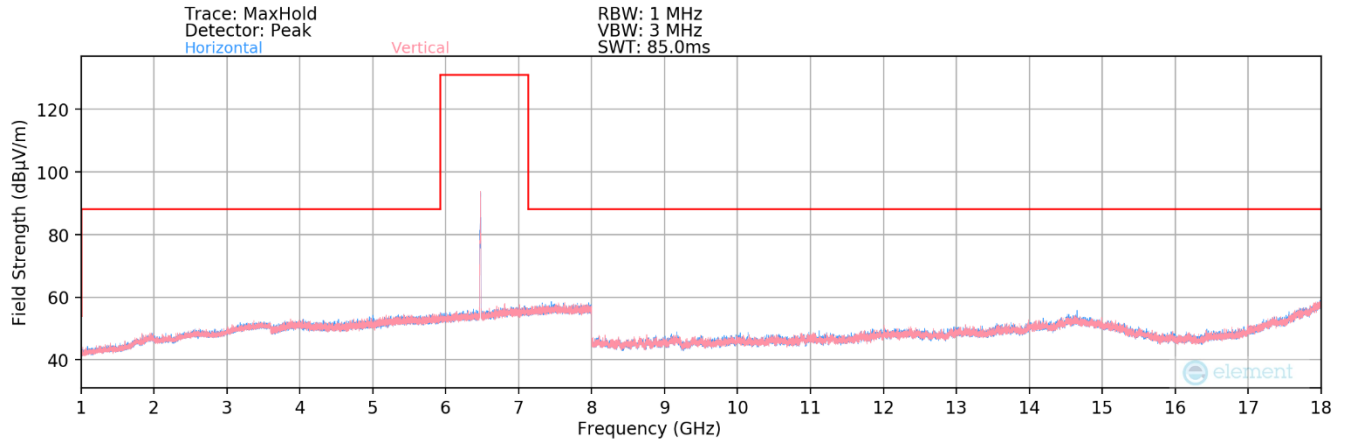


Plot 7-508. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11be – UNII Band 5 Ch. 45) – LPI & SP

| Mode | Antenna | UNII Band | Channel | Test Channel Freq. [MHz] | RU Index | Restricted | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|--------------------|---------|-----------|----------|--------------------------|----------|------------|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| 802.11ax RU 26T | MIMO | 5 | 2 | 5935 | 4 | * | 11870.00 | Average | V | - | - | -78.27 | 9.35 | 0.00 | 38.08 | 53.98 | -15.90 |
| | | | | | | * | 11870.00 | Peak | V | - | - | -66.33 | 9.35 | 0.00 | 50.02 | 73.98 | -23.96 |
| | | | | | | * | 17805.00 | Average | V | - | - | -77.20 | 16.41 | 0.00 | 46.21 | 53.98 | -7.77 |
| | | | | | | * | 17805.00 | Peak | V | - | - | -65.04 | 16.41 | 0.00 | 58.37 | 73.98 | -15.61 |
| | | | | | | * | 23740.00 | Average | V | - | - | -65.45 | 4.14 | -9.54 | 36.15 | 53.98 | -17.82 |
| | | | | | | * | 23740.00 | Peak | V | - | - | -56.00 | 4.14 | -9.54 | 45.60 | 73.98 | -28.38 |
| | | | * | 29675.00 | Peak | V | - | - | -56.44 | 5.96 | -9.54 | 46.98 | 68.20 | -21.22 | | | |
| | | | * | 12350.00 | Average | V | - | - | -78.15 | 9.60 | 0.00 | 38.45 | 53.98 | -15.53 | | | |
| | | | * | 12350.00 | Peak | V | - | - | -66.12 | 9.60 | 0.00 | 50.48 | 73.98 | -23.50 | | | |
| | | | * | 18525.00 | Average | V | - | - | -64.24 | 1.55 | -9.54 | 34.77 | 53.98 | -19.21 | | | |
| | | | * | 18525.00 | Peak | V | - | - | -55.09 | 1.55 | -9.54 | 43.92 | 73.98 | -30.06 | | | |
| | | | * | 24700.00 | Peak | V | - | - | -55.75 | 4.20 | -9.54 | 45.91 | 68.20 | -22.29 | | | |
| | | * | 30875.00 | Peak | V | - | - | -56.87 | 6.77 | -9.54 | 47.36 | 68.20 | -20.84 | | | | |
| | | * | 12830.00 | Peak | V | - | - | -66.45 | 9.64 | 0.00 | 50.19 | 68.20 | -18.01 | | | | |
| | | * | 19245.00 | Average | V | - | - | -65.07 | 2.35 | -9.54 | 34.74 | 53.98 | -19.24 | | | | |
| | | * | 19245.00 | Peak | V | - | - | -55.24 | 2.35 | -9.54 | 44.57 | 73.98 | -29.41 | | | | |
| | | * | 25660.00 | Peak | V | - | - | -55.94 | 4.41 | -9.54 | 45.93 | 68.20 | -22.27 | | | | |
| | | * | 32075.00 | Peak | V | - | - | -56.59 | 7.43 | -9.54 | 48.30 | 68.20 | -19.90 | | | | |

Table 7-51. Radiated Measurements MIMO (26 Tones) – LPI & SP

| | | | |
|--|----------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 314 of 330 |

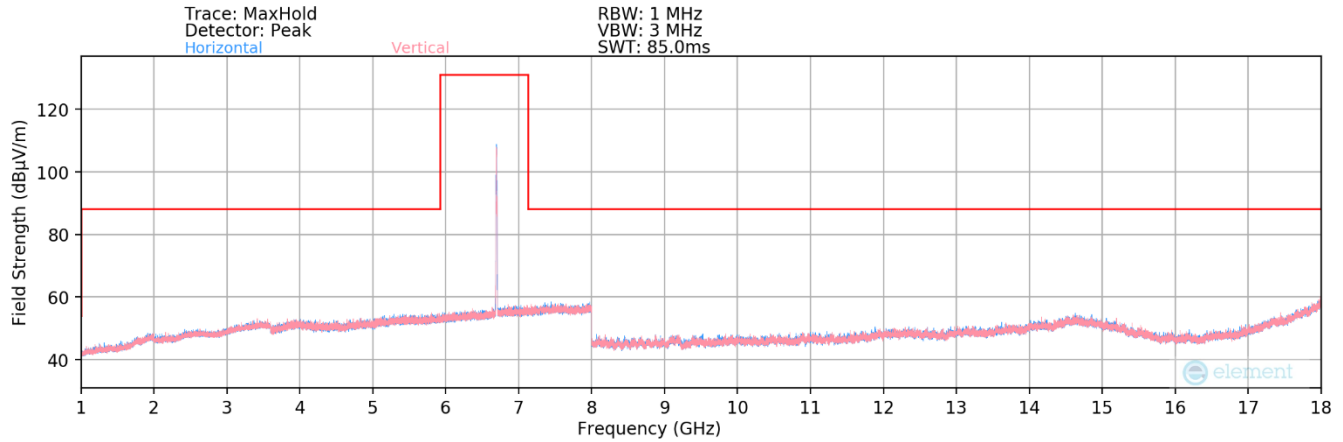


Plot 7-509. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11be – UNII Band 6 Ch. 105) – LPI

| Mode | Antenna | UNII Band | Channel | Test Channel Freq. [MHz] | RU Index | Restricted | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|--------------------|---------|-----------|---------|--------------------------|----------|------------|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| 802.11ax RU 26T | MIMO | 6 | 97 | 6435 | 4 | | 12870.00 | Peak | V | - | - | -66.88 | 10.05 | 0.00 | 50.17 | 68.20 | -18.03 |
| | | | | | | * | 19305.00 | Average | V | - | - | -65.05 | 2.13 | -9.54 | 34.55 | 53.98 | -19.43 |
| | | | | | | * | 19305.00 | Peak | V | - | - | -55.37 | 2.13 | -9.54 | 44.22 | 73.98 | -29.76 |
| | | | | | | | 25740.00 | Peak | V | - | - | -55.67 | 4.51 | -9.54 | 46.31 | 68.20 | -21.89 |
| | | | | | | | 32175.00 | Peak | V | - | - | -56.73 | 7.53 | -9.54 | 48.26 | 68.20 | -19.94 |
| | | | 105 | 6475 | 4 | | 12950.00 | Peak | V | - | - | -66.37 | 10.12 | 0.00 | 50.75 | 68.20 | -17.45 |
| | | | | | | * | 19425.00 | Average | V | - | - | -65.34 | 2.22 | -9.54 | 34.34 | 53.98 | -19.64 |
| | | | | | | * | 19425.00 | Peak | V | - | - | -54.84 | 2.22 | -9.54 | 44.85 | 73.98 | -29.13 |
| | | | | | | | 25900.00 | Peak | V | - | - | -56.23 | 4.57 | -9.54 | 45.80 | 68.20 | -22.40 |
| | | | | | | | 32375.00 | Peak | V | - | - | -56.82 | 7.29 | -9.54 | 47.93 | 68.20 | -20.27 |
| | | | 113 | 6515 | 4 | | 13030.00 | Peak | V | - | - | -65.45 | 10.12 | 0.00 | 51.67 | 68.20 | -16.53 |
| | | | | | | * | 19545.00 | Average | V | - | - | -65.65 | 2.37 | -9.54 | 34.18 | 53.98 | -19.80 |
| | | | | | | * | 19545.00 | Peak | V | - | - | -54.99 | 2.37 | -9.54 | 44.84 | 73.98 | -29.14 |
| | | | | | | | 26060.00 | Peak | V | - | - | -56.17 | 4.80 | -9.54 | 46.09 | 68.20 | -22.11 |
| | | | | | | | 32575.00 | Peak | V | - | - | -56.70 | 6.85 | -9.54 | 47.61 | 68.20 | -20.59 |

Table 7-52. Radiated Measurements MIMO (26 Tones) – LPI

| | | | |
|--|----------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 315 of 330 |

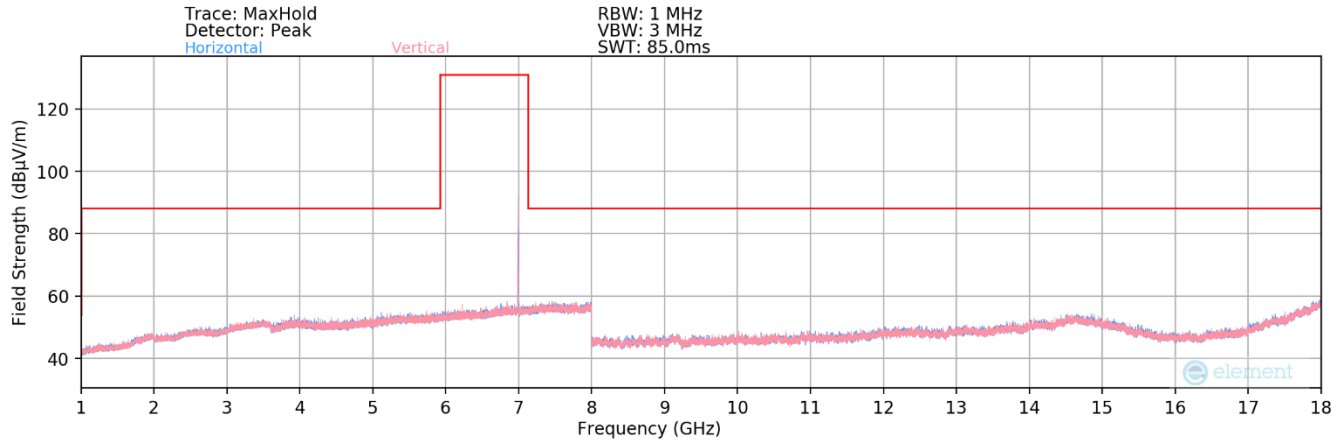


Plot 7-510. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11be – UNII Band 7 Ch. 149) – LPI & SP

| Mode | Antenna | UNII Band | Channel | Test Channel Freq. [MHz] | RU Index | Restricted | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] | | | |
|--------------------|----------|-----------|---------|--------------------------|----------|------------|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|--------|--|--|
| 802.11ax RU 26T | MIMO | 7 | 117 | 6535 | 4 | | 13070.00 | Peak | V | - | - | -66.39 | 10.15 | 0.00 | 50.76 | 68.20 | -17.44 | | | |
| | | | | | | * | 19605.00 | Average | V | - | - | -65.23 | 2.64 | -9.54 | 34.88 | 53.98 | -19.10 | | | |
| | | | | | | * | 19605.00 | Peak | V | - | - | -55.22 | 2.64 | -9.54 | 44.88 | 73.98 | -29.10 | | | |
| | | | | | | | 26140.00 | Peak | V | - | - | -56.43 | 4.56 | -9.54 | 45.59 | 68.20 | -22.61 | | | |
| | | | | | | | 32675.00 | Peak | V | - | - | -56.96 | 7.03 | -9.54 | 47.54 | 68.20 | -20.66 | | | |
| | | | | 149 | 6695 | 4 | * | 13390.00 | Average | V | - | - | -78.62 | 10.35 | 0.00 | 38.73 | 53.98 | -15.25 | | |
| | | | * | | | | 13390.00 | Peak | V | - | - | -66.33 | 10.35 | 0.00 | 51.02 | 73.98 | -22.96 | | | |
| | | | * | | | | 20085.00 | Peak | V | - | - | -64.29 | 3.01 | -9.54 | 36.18 | 53.98 | -17.80 | | | |
| | | | * | | | | 20085.00 | Average | V | - | - | -54.81 | 3.01 | -9.54 | 45.66 | 73.98 | -28.32 | | | |
| | | | | | | | 26780.00 | Peak | V | - | - | -55.48 | 4.57 | -9.54 | 46.56 | 68.20 | -21.64 | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | 185 | 6875 | 4 | | 13750.00 | Peak | V | - | - | -65.88 | 11.07 | 0.00 | 52.19 | 68.20 | -16.01 | | |
| | | | * | | | | 20625.00 | Average | V | - | - | -64.80 | 3.42 | -9.54 | 36.08 | 53.98 | -17.90 | | | |
| | | | * | | | | 20625.00 | Peak | V | - | - | -54.84 | 3.42 | -9.54 | 46.04 | 73.98 | -27.94 | | | |
| | | | | | | | 27500.00 | Peak | V | - | - | -55.25 | 4.54 | -9.54 | 46.75 | 68.20 | -21.45 | | | |
| | 34375.00 | Peak | V | | | | - | - | -57.14 | 8.08 | -9.54 | 48.40 | 68.20 | -19.80 | | | | | | |

Table 7-53. Radiated Measurements MIMO (26 Tones) – LPI & SP

| | | | |
|--|----------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 316 of 330 |

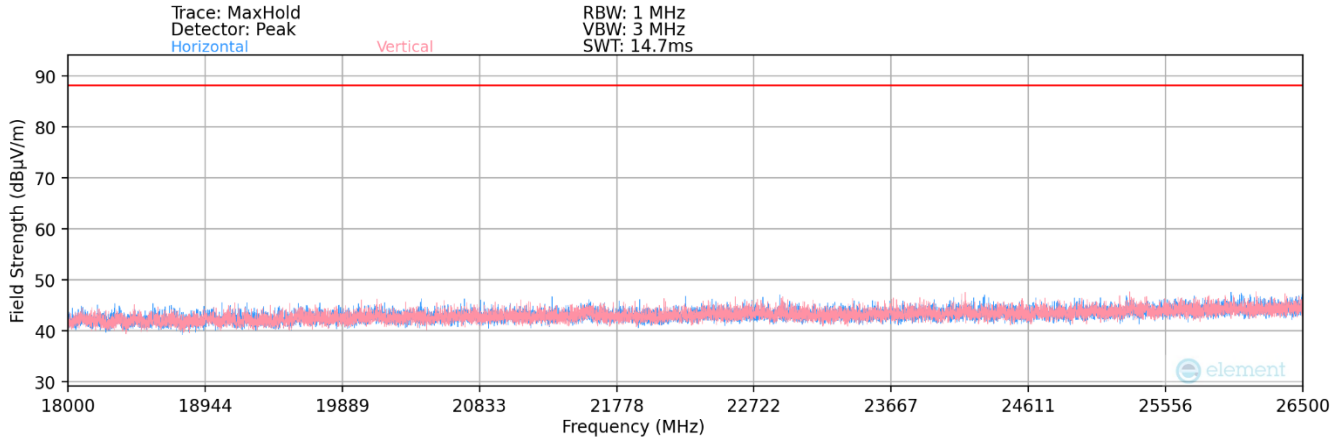


Plot 7-511. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11be – UNII Band 8 Ch. 209) – LPI

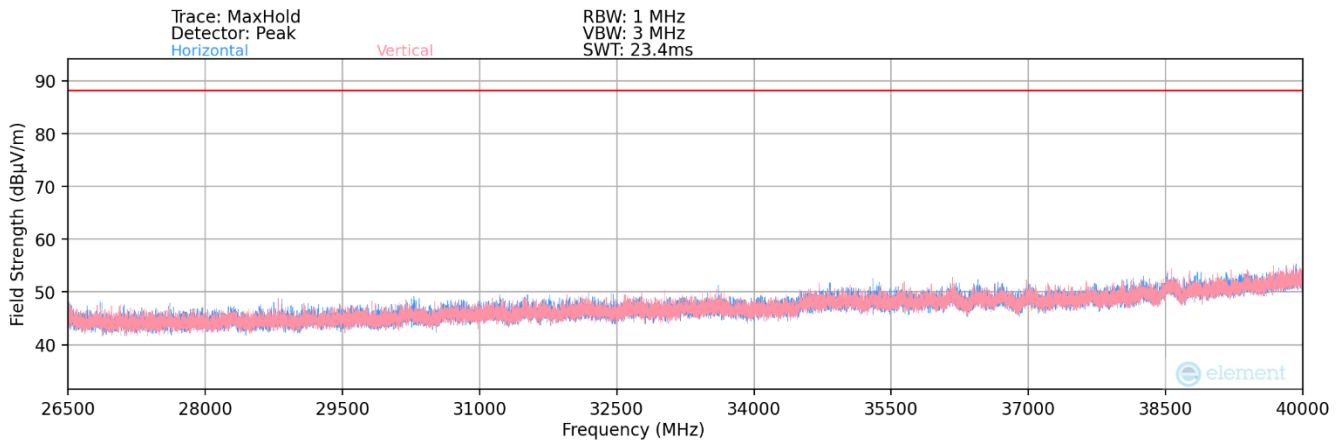
| Mode | Antenna | UNII Band | Channel | Test Channel Freq. [MHz] | RU Index | Restricted | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|--------------------|---------|-----------|---------|--------------------------|----------|------------|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| 802.11ax RU 26T | MIMO | 8 | 189 | 6895 | 4 | | 13790.00 | Peak | V | - | - | -66.10 | 11.00 | 0.00 | 51.90 | 68.20 | -16.30 |
| | | | | | | * | 20685.00 | Average | V | - | - | -65.61 | 3.67 | -9.54 | 35.52 | 53.98 | -18.46 |
| | | | | | | * | 20685.00 | Peak | V | - | - | -55.96 | 3.67 | -9.54 | 45.17 | 73.98 | -28.81 |
| | | | | | | | 27580.00 | Peak | V | - | - | -56.72 | 4.68 | -9.54 | 45.43 | 68.20 | -22.77 |
| | | | | | | | 34475.00 | Peak | V | - | - | -56.34 | 7.83 | -9.54 | 48.95 | 68.20 | -19.25 |
| | | | 209 | 6995 | 4 | | 13990.00 | Peak | V | - | - | -65.81 | 11.26 | 0.00 | 52.45 | 68.20 | -15.75 |
| | | | | | | * | 20985.00 | Average | V | - | - | -65.78 | 3.59 | -9.54 | 35.27 | 53.98 | -18.71 |
| | | | | | | * | 20985.00 | Peak | V | - | - | -56.62 | 3.59 | -9.54 | 44.44 | 73.98 | -29.54 |
| | | | | | | | 27980.00 | Peak | V | - | - | -57.06 | 5.05 | -9.54 | 45.46 | 68.20 | -22.74 |
| | | | | | | | 34975.00 | Peak | V | - | - | -58.08 | 8.24 | -9.54 | 47.62 | 68.20 | -20.58 |
| | | | 233 | 7115 | 4 | | 14230.00 | Peak | V | - | - | -66.38 | 12.13 | 0.00 | 52.75 | 68.20 | -15.45 |
| | | | | | | * | 21345.00 | Average | V | - | - | -66.31 | 4.08 | -9.54 | 35.23 | 53.98 | -18.75 |
| | | | | | | * | 21345.00 | Peak | V | - | - | -56.40 | 4.08 | -9.54 | 45.14 | 73.98 | -28.84 |
| | | | | | | | 28460.00 | Peak | V | - | - | -56.30 | 5.14 | -9.54 | 46.30 | 68.20 | -21.90 |
| | | | | | | | 35575.00 | Peak | V | - | - | -57.43 | 8.16 | -9.54 | 48.20 | 68.20 | -20.00 |

Table 7-54. Radiated Measurements MIMO (26 Tones) – LPI

| | | | |
|--|----------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 317 of 330 |



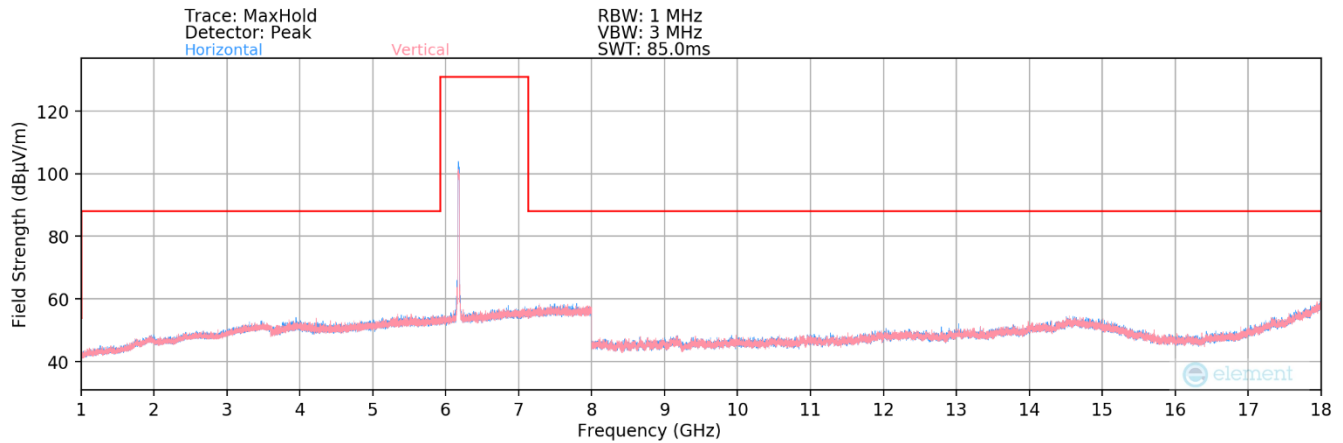
Plot 7-512. Radiated Spurious Plot 18GHz - 26.5GHz (802.11be) – LPI & SP



Plot 7-513. Radiated Spurious Plot 26.5GHz - 40GHz (802.11be) – LPI & SP

| | | | |
|---|---|--------------------------------------|--|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 318 of 330 |

7.7.3 MIMO Radiated Spurious Emission Measurements (242 Tones)

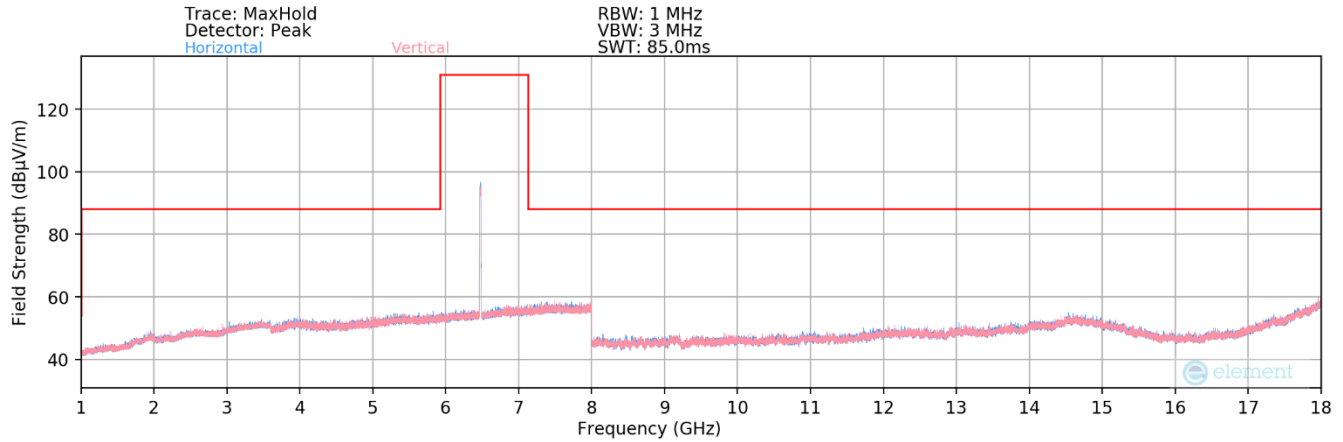


Plot 7-514. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11be – UNII Band 5 Ch. 45) – LPI & SP

| Mode | Antenna | UNII Band | Channel | Test Channel Freq. [MHz] | RU Index | Restricted | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|---------------------|---------|-----------|----------|--------------------------|----------|------------|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| 802.11ax RU 242T | MIMO | 5 | 2 | 5935 | 61 | * | 11870.00 | Average | V | - | - | -79.85 | 9.35 | 0.00 | 36.50 | 53.98 | -17.48 |
| | | | | | | * | 11870.00 | Peak | V | - | - | -65.99 | 9.35 | 0.00 | 50.36 | 73.98 | -23.62 |
| | | | | | | * | 17805.00 | Average | V | - | - | -77.50 | 16.41 | 0.00 | 45.91 | 53.98 | -8.07 |
| | | | | | | * | 17805.00 | Peak | V | - | - | -65.35 | 16.41 | 0.00 | 58.06 | 73.98 | -15.92 |
| | | | | | | * | 23740.00 | Average | V | - | - | -66.05 | 4.14 | -9.54 | 35.55 | 53.98 | -18.43 |
| | | | | | | * | 23740.00 | Peak | V | - | - | -55.09 | 4.14 | -9.54 | 46.51 | 73.98 | -27.46 |
| | | | * | 29675.00 | Peak | V | - | - | -56.05 | 5.96 | -9.54 | 47.37 | 68.20 | -20.83 | | | |
| | | | * | 12350.00 | Average | V | - | - | -81.76 | 9.60 | 0.00 | 34.84 | 53.98 | -19.14 | | | |
| | | | * | 12350.00 | Peak | V | - | - | -69.63 | 9.60 | 0.00 | 46.97 | 73.98 | -27.01 | | | |
| | | | * | 18525.00 | Average | V | - | - | -64.74 | 1.55 | -9.54 | 34.27 | 53.98 | -19.71 | | | |
| | | | * | 18525.00 | Peak | V | - | - | -54.23 | 1.55 | -9.54 | 44.78 | 73.98 | -29.20 | | | |
| | | | * | 24700.00 | Peak | V | - | - | -56.71 | 4.20 | -9.54 | 44.95 | 68.20 | -23.25 | | | |
| | | * | 30875.00 | Peak | V | - | - | -56.54 | 6.77 | -9.54 | 47.69 | 68.20 | -20.51 | | | | |
| | | * | 12830.00 | Peak | V | - | - | -66.95 | 9.64 | 0.00 | 49.69 | 68.20 | -18.51 | | | | |
| | | * | 19245.00 | Average | V | - | - | -64.76 | 2.35 | -9.54 | 35.05 | 53.98 | -18.93 | | | | |
| | | * | 19245.00 | Peak | V | - | - | -54.60 | 2.35 | -9.54 | 45.21 | 73.98 | -28.77 | | | | |
| | | * | 25660.00 | Peak | V | - | - | -55.54 | 4.41 | -9.54 | 46.33 | 68.20 | -21.87 | | | | |
| | | * | 32075.00 | Peak | V | - | - | -57.21 | 7.43 | -9.54 | 47.68 | 68.20 | -20.52 | | | | |

Table 7-55. Radiated Measurements MIMO (242 Tones) – LPI & SP

| | | | |
|--|----------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 319 of 330 |

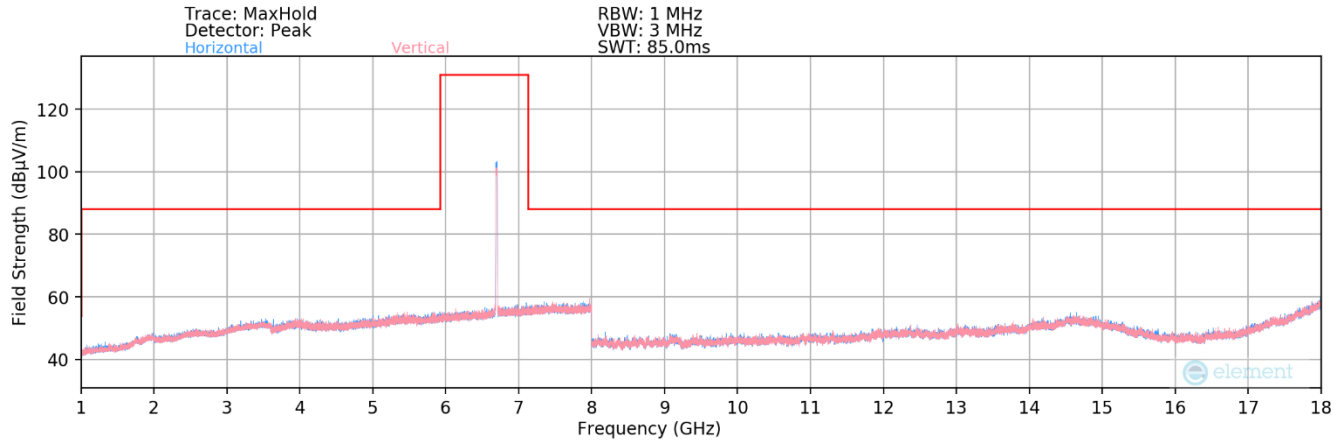


Plot 7-515. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11be – UNII Band 6 Ch. 105) – LPI

| Mode | Antenna | UNII Band | Channel | Test Channel Freq. [MHz] | RU Index | Restricted | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---------------------|---------|-----------|---------|--------------------------|----------|------------|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| 802.11ax RU 242T | MIMO | 6 | 97 | 6435 | 61 | | 12870.00 | Peak | V | - | - | -64.78 | 10.05 | 0.00 | 52.27 | 68.20 | -15.93 |
| | | | | | | * | 19305.00 | Average | V | - | - | -64.93 | 2.13 | -9.54 | 34.67 | 53.98 | -19.31 |
| | | | | | | * | 19305.00 | Peak | V | - | - | -55.10 | 2.13 | -9.54 | 44.49 | 73.98 | -29.49 |
| | | | | | | | 25740.00 | Peak | V | - | - | -55.40 | 4.51 | -9.54 | 46.57 | 68.20 | -21.63 |
| | | | | | | | 32175.00 | Peak | V | - | - | -57.14 | 7.53 | -9.54 | 47.85 | 68.20 | -20.35 |
| | | | 105 | 6475 | 61 | | 12950.00 | Peak | V | - | - | -65.37 | 10.12 | 0.00 | 51.75 | 68.20 | -16.45 |
| | | | | | | * | 19425.00 | Average | V | - | - | -65.36 | 2.22 | -9.54 | 34.32 | 53.98 | -19.66 |
| | | | | | | * | 19425.00 | Peak | V | - | - | -55.07 | 2.22 | -9.54 | 44.61 | 73.98 | -29.37 |
| | | | | | | | 25900.00 | Peak | V | - | - | -55.75 | 4.57 | -9.54 | 46.28 | 68.20 | -21.92 |
| | | | | | | | 32375.00 | Peak | V | - | - | -56.92 | 7.29 | -9.54 | 47.84 | 68.20 | -20.36 |
| | | | 113 | 6515 | 61 | | 13030.00 | Peak | V | - | - | -65.68 | 10.12 | 0.00 | 51.44 | 68.20 | -16.76 |
| | | | | | | * | 19545.00 | Average | V | - | - | -65.53 | 2.37 | -9.54 | 34.30 | 53.98 | -19.68 |
| | | | | | | * | 19545.00 | Peak | V | - | - | -55.54 | 2.37 | -9.54 | 44.29 | 73.98 | -29.69 |
| | | | | | | | 26060.00 | Peak | V | - | - | -56.30 | 4.80 | -9.54 | 45.96 | 68.20 | -22.24 |
| | | | | | | | 32575.00 | Peak | V | - | - | -56.96 | 6.85 | -9.54 | 47.35 | 68.20 | -20.85 |

Table 7-56. Radiated Measurements MIMO (242 Tones) – LPI

| | | | |
|--|----------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 320 of 330 |

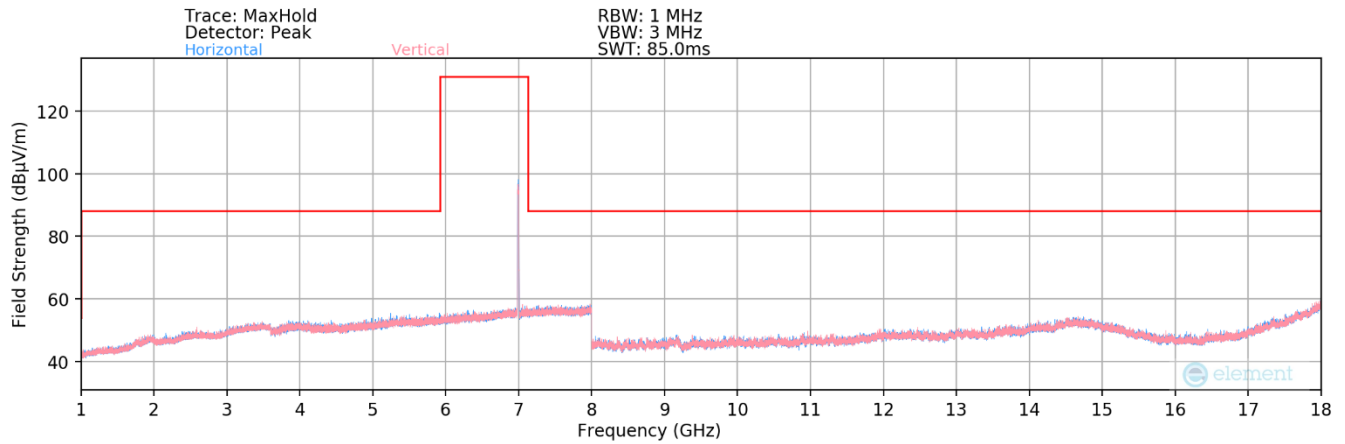


Plot 7-516. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11be – UNII Band 7 Ch. 149) – LPI & SP

| Mode | Antenna | UNII Band | Channel | Test Channel Freq. [MHz] | RU Index | Restricted | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] | | | |
|---------------------|----------|-----------|---------|--------------------------|----------|------------|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|--------|--|--|
| 802.11ax RU 242T | MIMO | 7 | 117 | 6535 | 61 | | 13070.00 | Peak | V | - | - | -65.80 | 10.15 | 0.00 | 51.35 | 68.20 | -16.85 | | | |
| | | | | | | * | 19605.00 | Average | V | - | - | -65.26 | 2.64 | -9.54 | 34.85 | 53.98 | -19.13 | | | |
| | | | | | | * | 19605.00 | Peak | V | - | - | -55.07 | 2.64 | -9.54 | 45.03 | 73.98 | -28.95 | | | |
| | | | | | | | 26140.00 | Peak | V | - | - | -56.30 | 4.56 | -9.54 | 45.72 | 68.20 | -22.48 | | | |
| | | | | | | | 32675.00 | Peak | V | - | - | -57.09 | 7.03 | -9.54 | 47.40 | 68.20 | -20.80 | | | |
| | | | | 149 | 6695 | 61 | * | 13390.00 | Average | V | - | - | -78.52 | 10.35 | 0.00 | 38.83 | 53.98 | -15.15 | | |
| | | | * | | | | 13390.00 | Peak | V | - | - | -66.37 | 10.35 | 0.00 | 50.98 | 73.98 | -23.00 | | | |
| | | | * | | | | 20085.00 | Peak | V | - | - | -64.32 | 3.01 | -9.54 | 36.15 | 53.98 | -17.83 | | | |
| | | | * | | | | 20085.00 | Average | V | - | - | -55.50 | 3.01 | -9.54 | 44.97 | 73.98 | -29.01 | | | |
| | | | | | | | 26780.00 | Peak | V | - | - | -56.23 | 4.57 | -9.54 | 45.80 | 68.20 | -22.40 | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | 185 | 6875 | 61 | | 13750.00 | Peak | V | - | - | -65.82 | 11.07 | 0.00 | 52.25 | 68.20 | -15.95 | | |
| | | | * | | | | 20625.00 | Average | V | - | - | -64.82 | 3.42 | -9.54 | 36.06 | 53.98 | -17.92 | | | |
| | | | * | | | | 20625.00 | Peak | V | - | - | -54.49 | 3.42 | -9.54 | 46.39 | 73.98 | -27.59 | | | |
| | | | | | | | 27500.00 | Peak | V | - | - | -55.66 | 4.54 | -9.54 | 46.34 | 68.20 | -21.86 | | | |
| | 34375.00 | Peak | V | | | | - | - | -57.98 | 8.08 | -9.54 | 47.56 | 68.20 | -20.64 | | | | | | |

Table 7-57. Radiated Measurements MIMO (242 Tones) – LPI & SP

| | | | |
|---|---|--------------------------------------|--|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 321 of 330 |

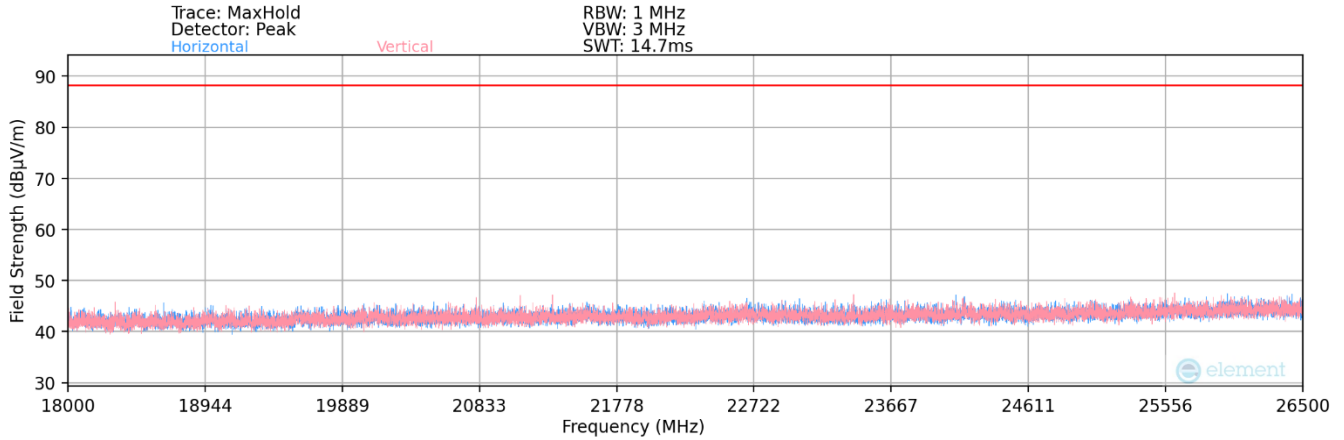


Plot 7-517. Radiated Spurious Plot 1GHz – 18GHz MIMO (802.11be – UNII Band 8 Ch. 209) – LPI

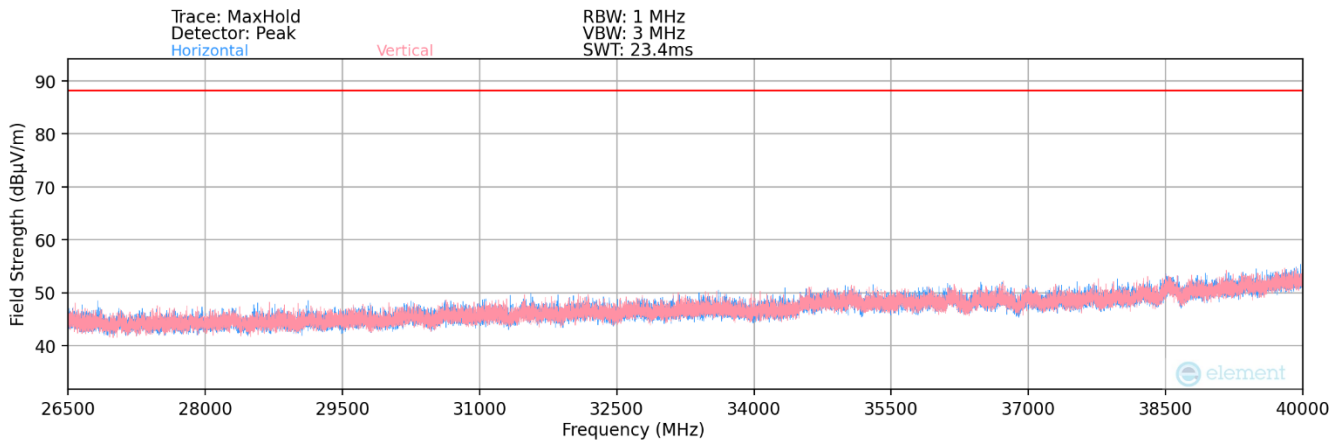
| Mode | Antenna | UNII Band | Channel | Test Channel Freq. [MHz] | RU Index | Restricted | Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|---------------------|---------|-----------|---------|--------------------------|----------|------------|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| 802.11ax RU 242T | MIMO | 8 | 189 | 6895 | 61 | | 13790.00 | Peak | V | - | - | -65.95 | 11.00 | 0.00 | 52.05 | 68.20 | -16.15 |
| | | | | | | * | 20685.00 | Average | V | - | - | -65.82 | 3.67 | -9.54 | 35.31 | 53.98 | -18.67 |
| | | | | | | * | 20685.00 | Peak | V | - | - | -55.98 | 3.67 | -9.54 | 45.15 | 73.98 | -28.83 |
| | | | | | | | 27580.00 | Peak | V | - | - | -56.74 | 4.68 | -9.54 | 45.40 | 68.20 | -22.80 |
| | | | | | | | 34475.00 | Peak | V | - | - | -56.88 | 7.83 | -9.54 | 48.40 | 68.20 | -19.80 |
| | | | 209 | 6995 | 61 | | 13990.00 | Peak | V | - | - | -65.48 | 11.26 | 0.00 | 52.78 | 68.20 | -15.42 |
| | | | | | | * | 20985.00 | Average | V | - | - | -65.66 | 3.59 | -9.54 | 35.40 | 53.98 | -18.58 |
| | | | | | | * | 20985.00 | Peak | V | - | - | -56.78 | 3.59 | -9.54 | 44.27 | 73.98 | -29.71 |
| | | | | | | | 27980.00 | Peak | V | - | - | -56.70 | 5.05 | -9.54 | 45.82 | 68.20 | -22.38 |
| | | | | | | | 34975.00 | Peak | V | - | - | -57.80 | 8.24 | -9.54 | 47.90 | 68.20 | -20.30 |
| | | | 233 | 7115 | 61 | | 14230.00 | Peak | V | - | - | -65.72 | 12.13 | 0.00 | 53.41 | 68.20 | -14.79 |
| | | | | | | * | 21345.00 | Average | V | - | - | -66.24 | 4.08 | -9.54 | 35.30 | 53.98 | -18.68 |
| | | | | | | * | 21345.00 | Peak | V | - | - | -56.15 | 4.08 | -9.54 | 45.39 | 73.98 | -28.59 |
| | | | | | | | 28460.00 | Peak | V | - | - | -56.92 | 5.14 | -9.54 | 45.68 | 68.20 | -22.52 |
| | | | | | | | 35575.00 | Peak | V | - | - | -57.50 | 8.16 | -9.54 | 48.13 | 68.20 | -20.07 |

Table 7-58. Radiated Measurements MIMO (242 Tones) – LPI

| | | | |
|---|---|--------------------------------------|--|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 322 of 330 |



Plot 7-518. Radiated Spurious Plot 18GHz - 26.5GHz (802.11be) – LPI & SP

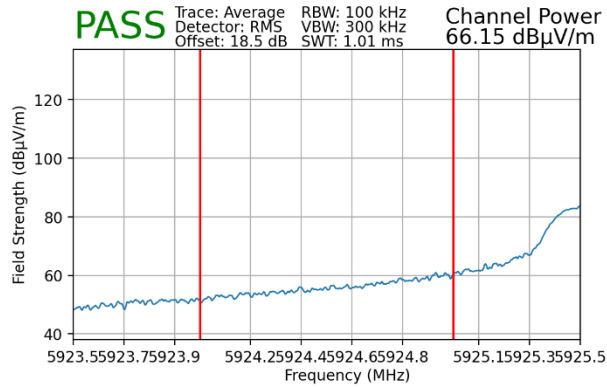


Plot 7-519. Radiated Spurious Plot 26.5GHz - 40GHz (802.11be) – LPI & SP

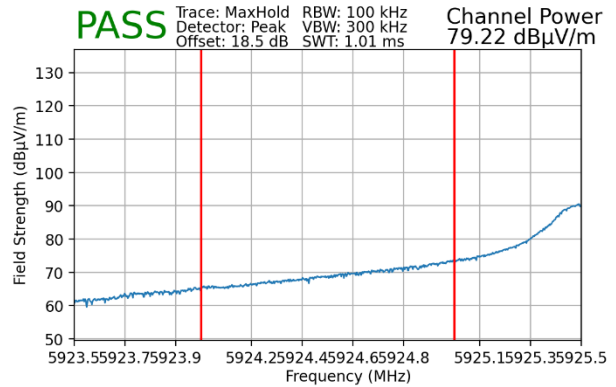
| | | | |
|---|---|--------------------------------------|--|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 323 of 330 |

7.7.4 MIMO Radiated Band Edge Measurements (20MHz BW – Partial Tone – 106T)

| | |
|---------------------------|----------|
| Worst Case Mode: | 802.11be |
| Worst Case Transfer Rate: | MCS0 |
| RU Index | 53 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5935MHz |
| Channel: | 2 |

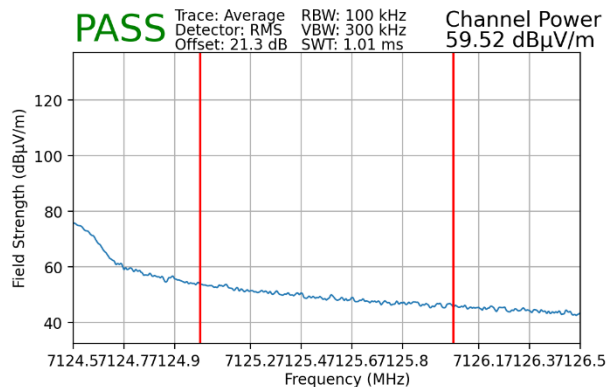


Plot 7-520. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5 – 106T) - SP

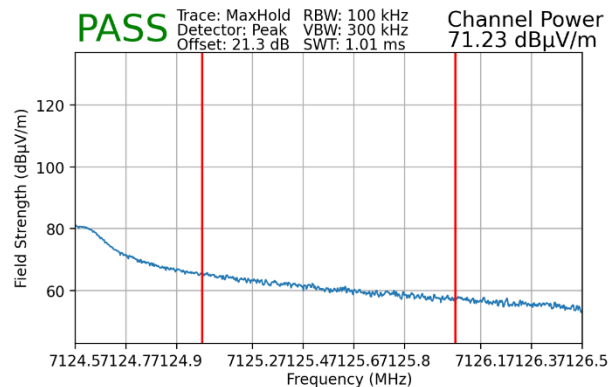


Plot 7-521. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 5 – 106T) - SP

| | |
|---------------------------|----------|
| Worst Case Mode: | 802.11be |
| Worst Case Transfer Rate: | MCS0 |
| RU Index | 54 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 7115MHz |
| Channel: | 233 |



Plot 7-522. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8 – 106T)

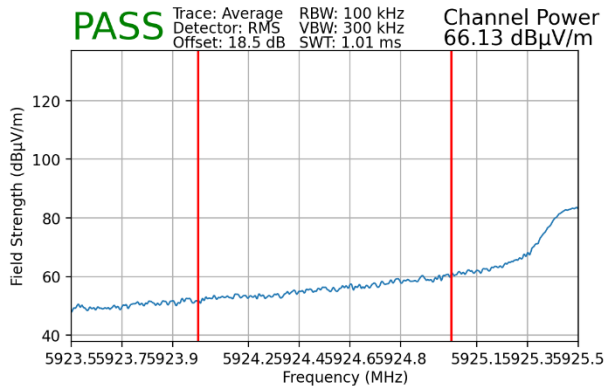


Plot 7-523. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 8 – 106T)

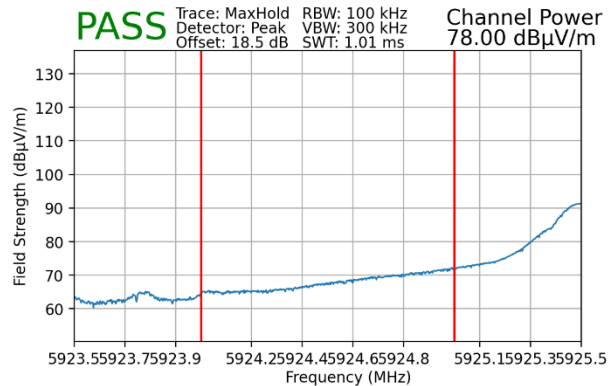
| | | | |
|--|----------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 324 of 330 |

7.7.5 MIMO Radiated Band Edge Measurements (20MHz BW – Full Tone – 242T)

| | |
|---------------------------|----------|
| Worst Case Mode: | 802.11ax |
| Worst Case Transfer Rate: | MCS0 |
| RU Index | 61 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5935MHz |
| Channel: | 2 |

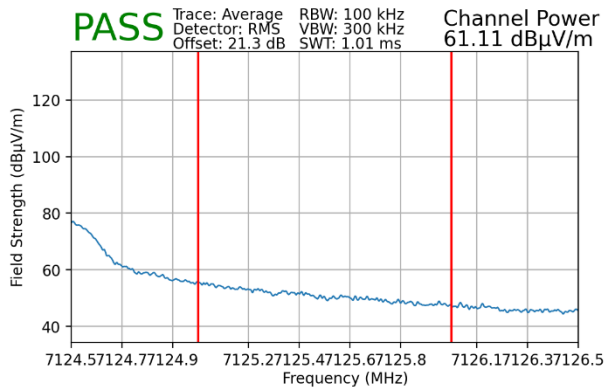


Plot 7-524. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5 – 242T) – LPI & SP

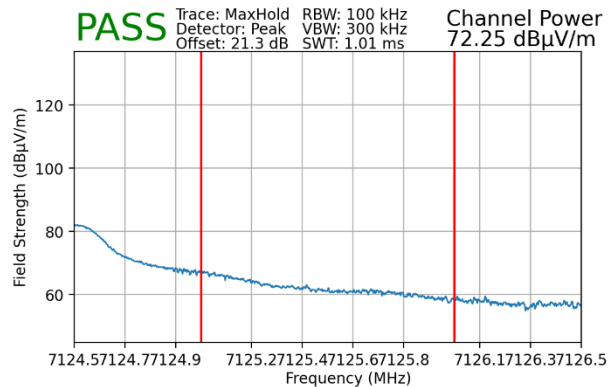


Plot 7-525. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 5 – 242T) – LPI & SP

| | |
|---------------------------|----------|
| Worst Case Mode: | 802.11be |
| Worst Case Transfer Rate: | MCS0 |
| RU Index | 61 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 7115MHz |
| Channel: | 233 |



Plot 7-526. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8 – 242T)

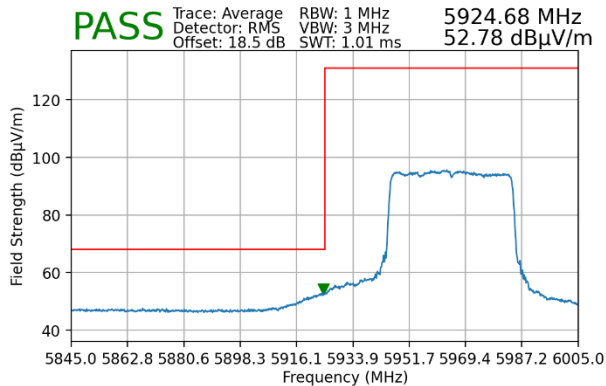


Plot 7-527. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 8 – 242T)

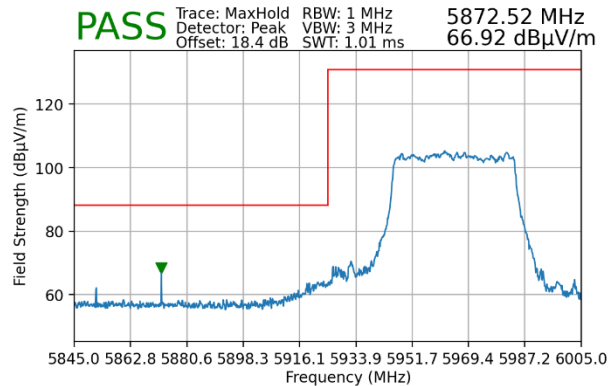
| | | | |
|--|----------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 325 of 330 |

7.7.6 MIMO Radiated Band Edge Measurements (40MHz BW – Full Tone – 484T)

| | |
|---------------------------|----------|
| Worst Case Mode: | 802.11ax |
| Worst Case Transfer Rate: | MCS0 |
| RU Index | 65 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5965MHz |
| Channel: | 3 |

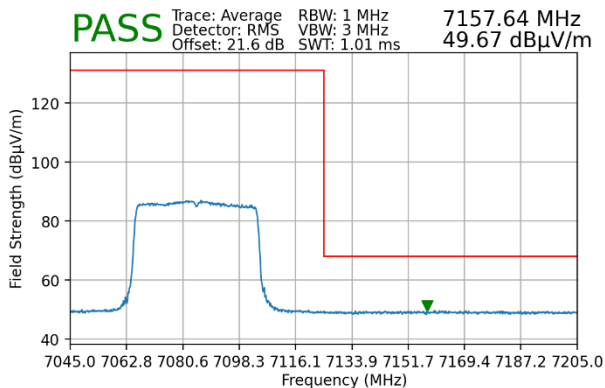


Plot 7-528. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5 – 484T) – LPI & SP

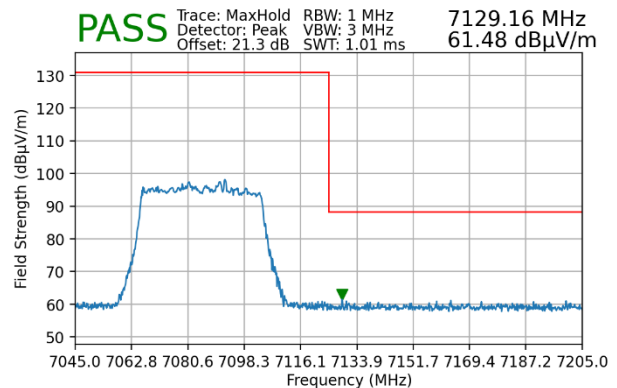


Plot 7-529. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 5 – 484T) – LPI & SP

| | |
|---------------------------|----------|
| Worst Case Mode: | 802.11ax |
| Worst Case Transfer Rate: | MCS0 |
| RU Index | 65 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 7085MHz |
| Channel: | 227 |



Plot 7-530. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8 – 484T)

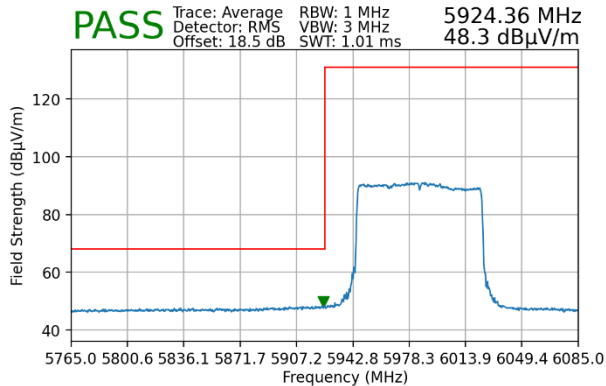


Plot 7-531. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 8 – 484T)

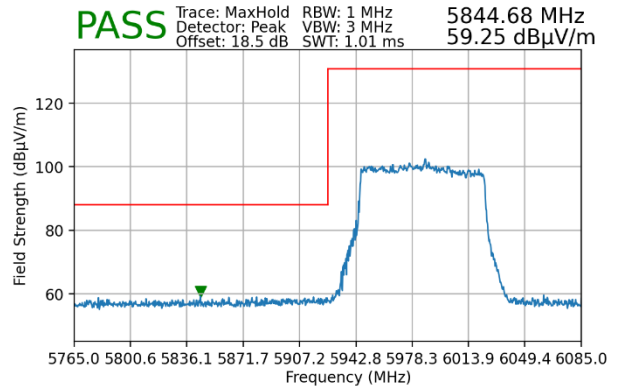
| | | | |
|--|----------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 326 of 330 |

7.7.7 MIMO Radiated Band Edge Measurements (80MHz BW – Full Tone – 996T)

| | |
|---------------------------|----------|
| Worst Case Mode: | 802.11ax |
| Worst Case Transfer Rate: | MCS0 |
| RU Index | 67 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5985MHz |
| Channel: | 7 |

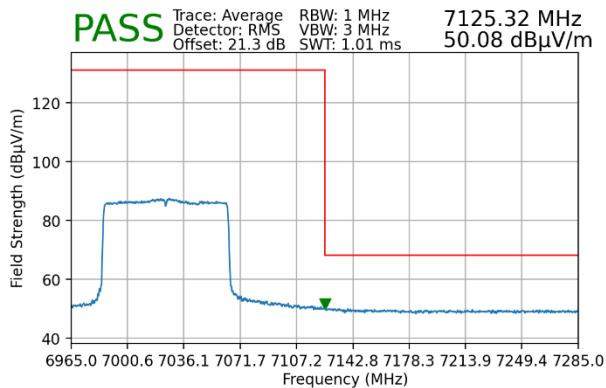


Plot 7-532. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5 – 996T) – LPI & SP

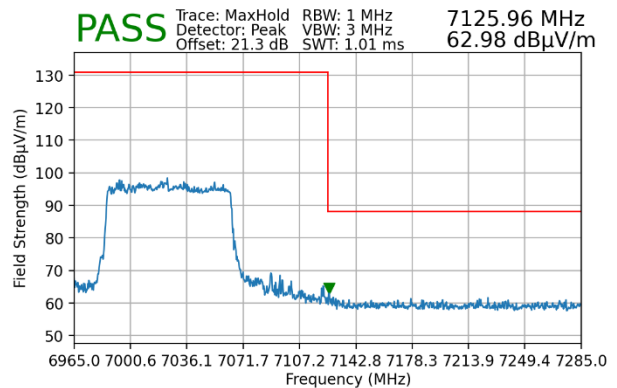


Plot 7-533. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 5 – 996T) – LPI & SP

| | |
|---------------------------|----------|
| Worst Case Mode: | 802.11ax |
| Worst Case Transfer Rate: | MCS0 |
| RU Index | 67 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 7025MHz |
| Channel: | 215 |



Plot 7-534. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8 – 996T)

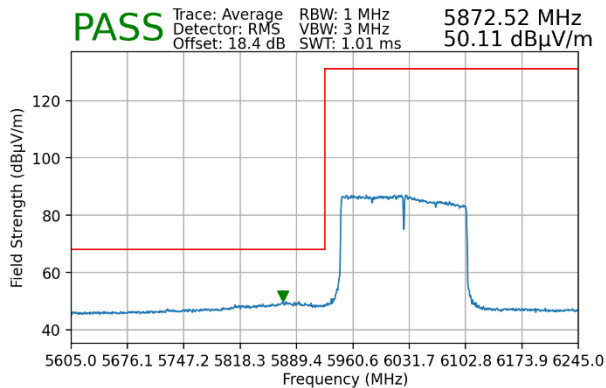


Plot 7-535. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 8 – 996T)

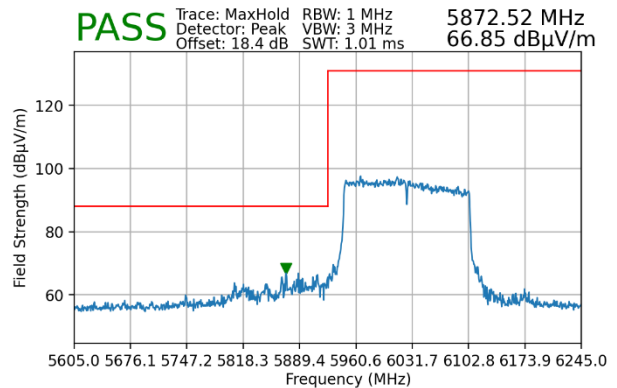
| | | | |
|--|----------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 327 of 330 |

7.7.8 MIMO Radiated Band Edge Measurements (160MHz BW – Full Tone – 2X996T)

| | |
|---------------------------|----------|
| Worst Case Mode: | 802.11be |
| Worst Case Transfer Rate: | MCS0 |
| RU Index | 68 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 6025MHz |
| Channel: | 15 |

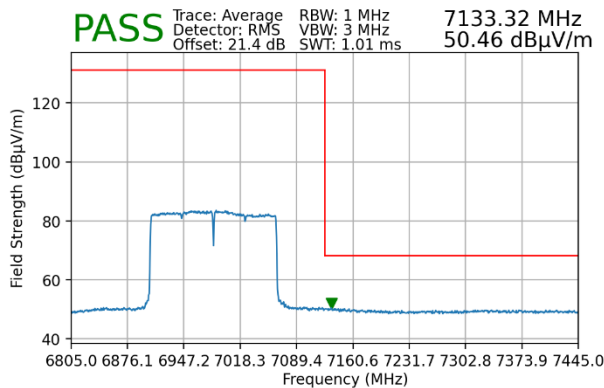


Plot 7-536. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5 – 2x996T) – LPI & SP

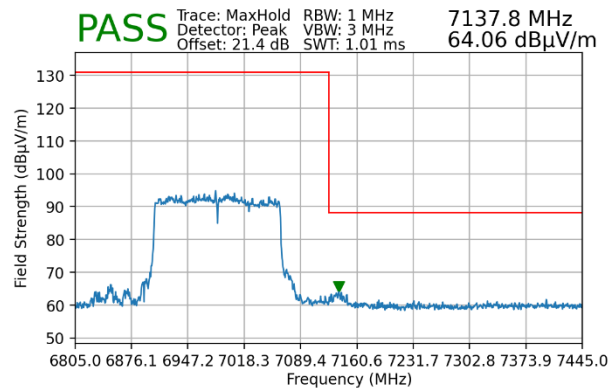


Plot 7-537. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 5 – 2x996T) – LPI & SP

| | |
|---------------------------|----------|
| Worst Case Mode: | 802.11ax |
| Worst Case Transfer Rate: | MCS0 |
| RU Index | 68 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 6985MHz |
| Channel: | 207 |



Plot 7-538. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8 – 2x996T)

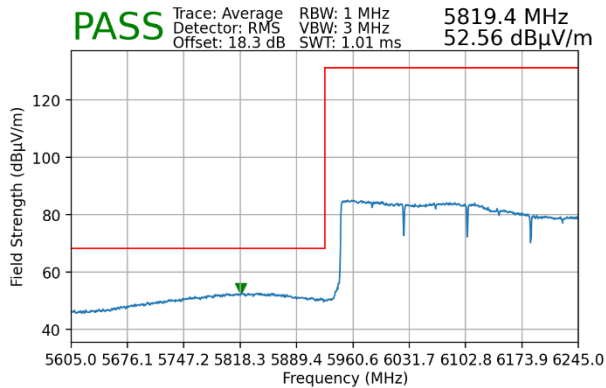


Plot 7-539. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 8 – 2x996T)

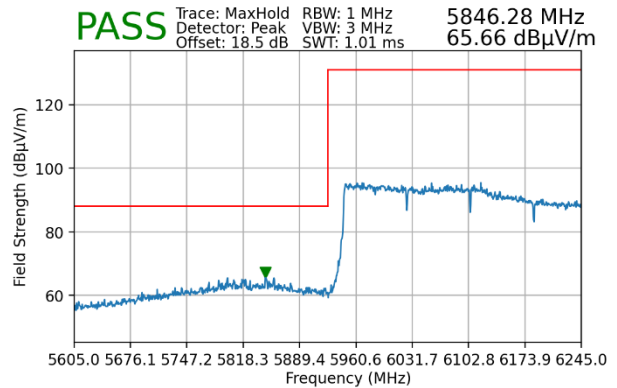
| | | | |
|--|----------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 328 of 330 |

7.7.9 MIMO Radiated Band Edge Measurements (320MHz BW – Full Tone – 4x996T)

| | |
|---------------------------|----------|
| Worst Case Mode: | 802.11be |
| Worst Case Transfer Rate: | MCS0 |
| RU Index | 69 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 6105MHz |
| Channel: | 31 |

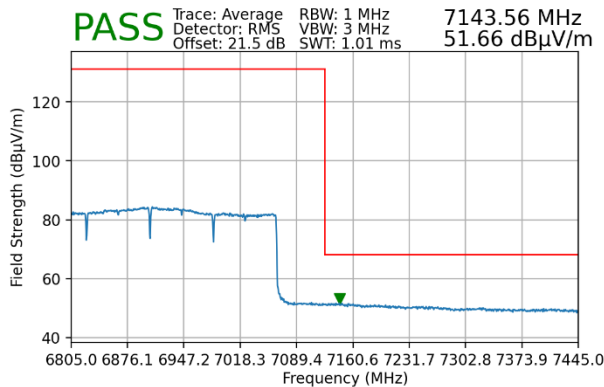


Plot 7-540. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5 – 4x996T) – LPI & SP

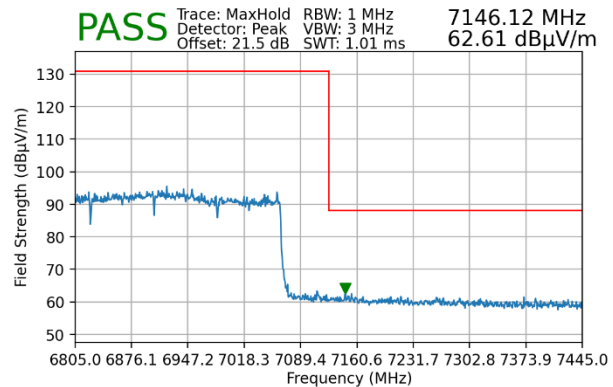


Plot 7-541. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 5 – 4x996T) – LPI & SP

| | |
|---------------------------|----------|
| Worst Case Mode: | 802.11be |
| Worst Case Transfer Rate: | MCS0 |
| RU Index | 69 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 6905MHz |
| Channel: | 191 |



Plot 7-542. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8 – 4x996T)



Plot 7-543. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 8 – 4x996T)

| | | | |
|--|----------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMS928B | MEASUREMENT REPORT | | Approved by: Technical Manager |
| Test Report S/N: 1M2308210093-16-R1.A3L | Test Dates: 8/22 - 11/09/2023 | EUT Type: Portable Handset | Page 329 of 330 |

8 CONCLUSION

The data collected relate only the item(s) tested and show that the **Samsung Portable Handset FCC: A3LSMS928B** is in compliance with FCC Part Subpart E (15.407) of the FCC rules for operation as a client device.

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