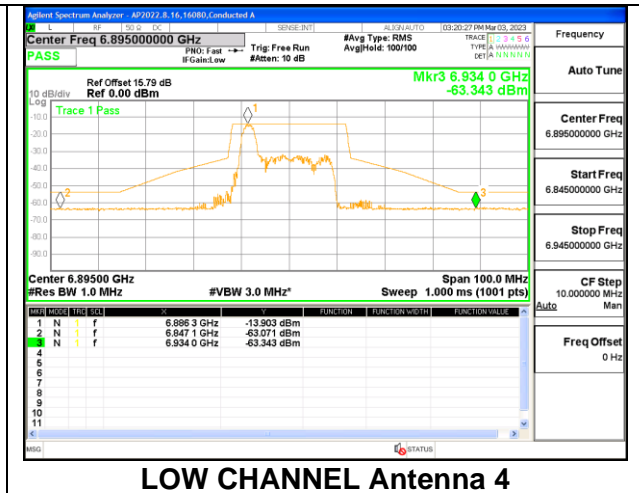
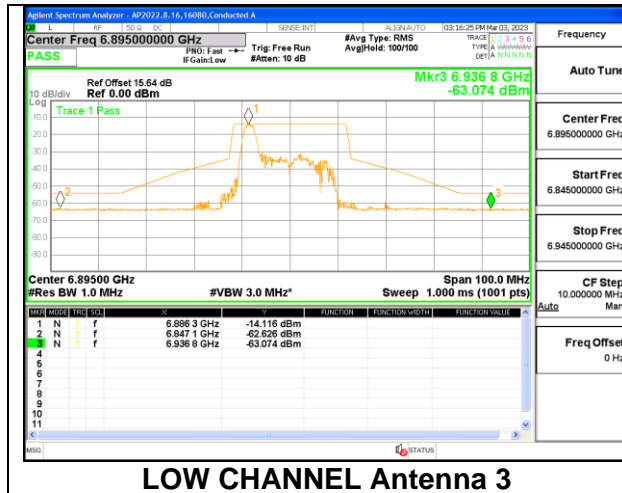


9.5.10. 802.11ax HE20 MODE 2TX IN THE UNII-8 BAND

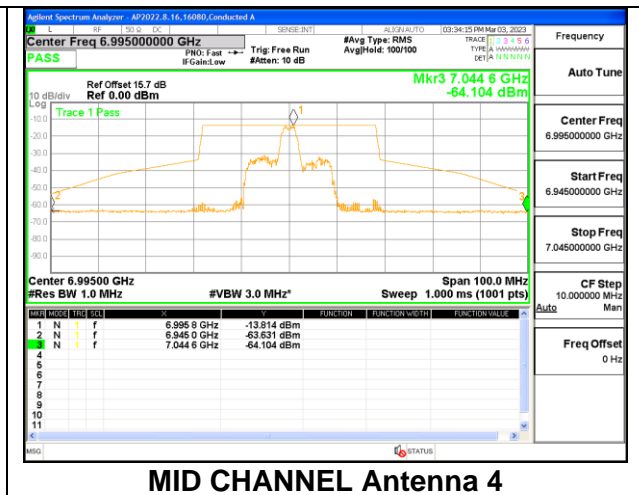
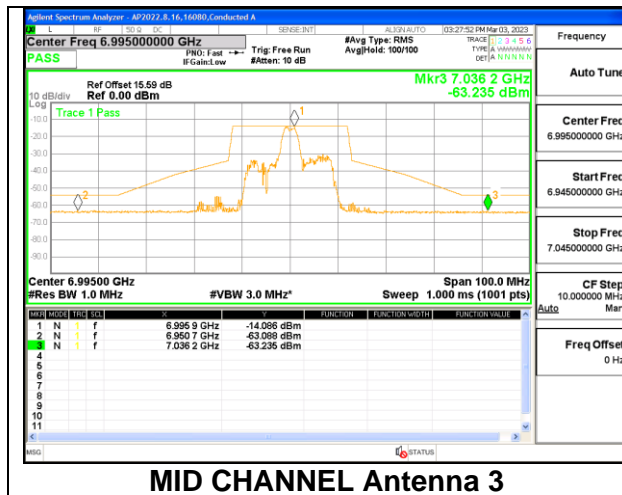
2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 0

LOW CHANNEL



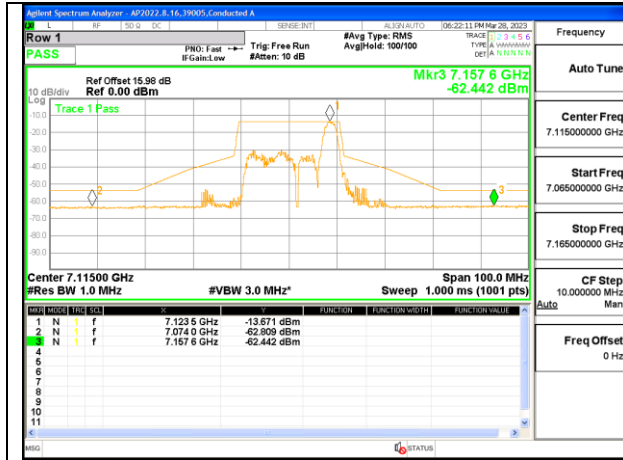
2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 4

MID CHANNEL



2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 8

HIGH CHANNEL



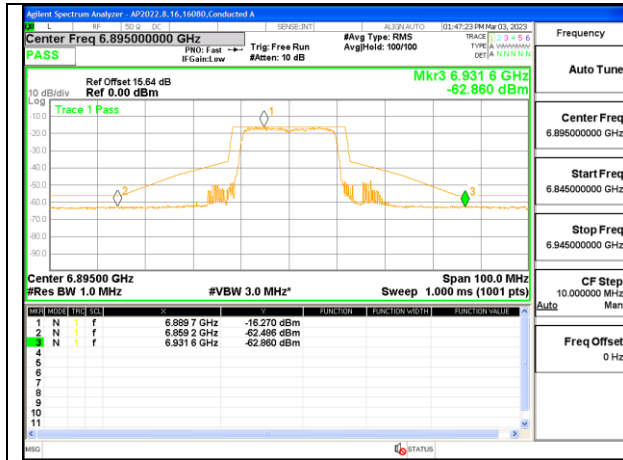
HIGH CHANNEL Antenna 3



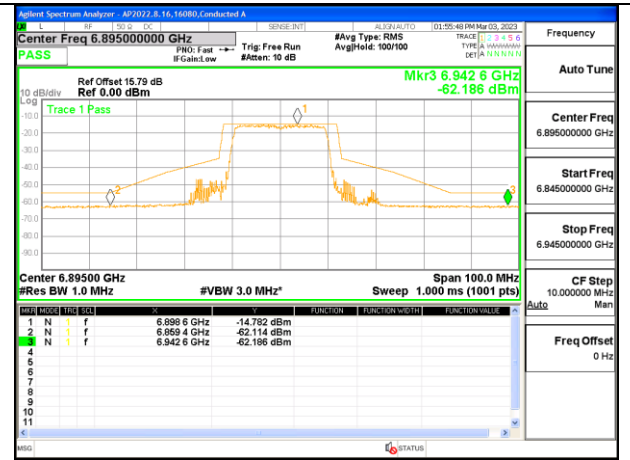
HIGH CHANNEL Antenna 4

2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 242-Tones, RU Index 61

LOW CHANNEL

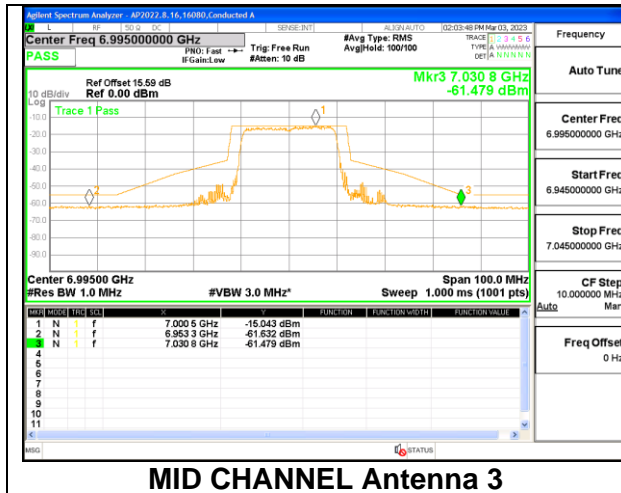


LOW CHANNEL Antenna 3

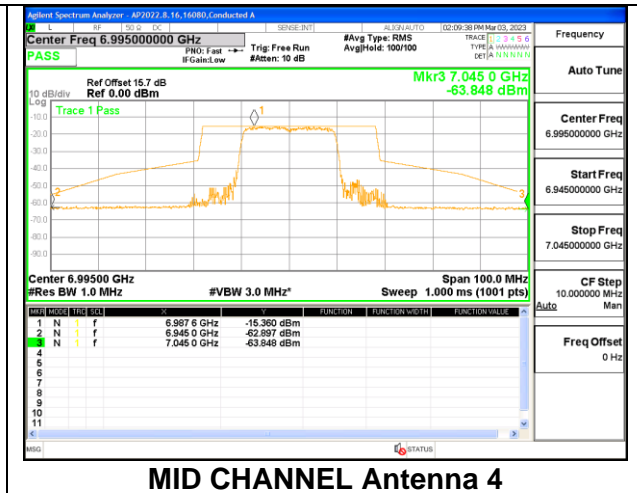


LOW CHANNEL Antenna 4

MID CHANNEL

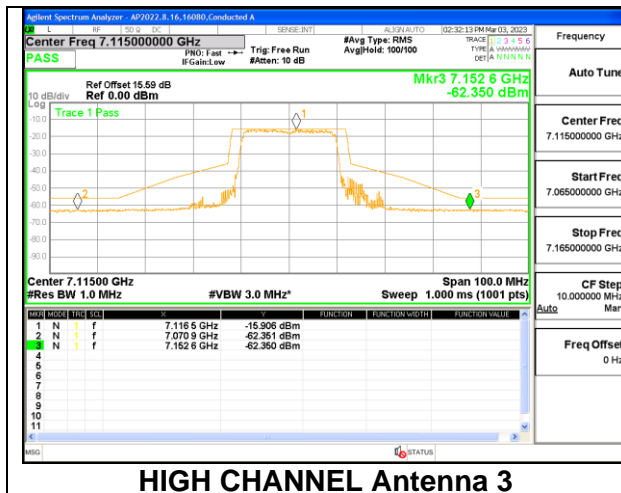


MID CHANNEL Antenna 3

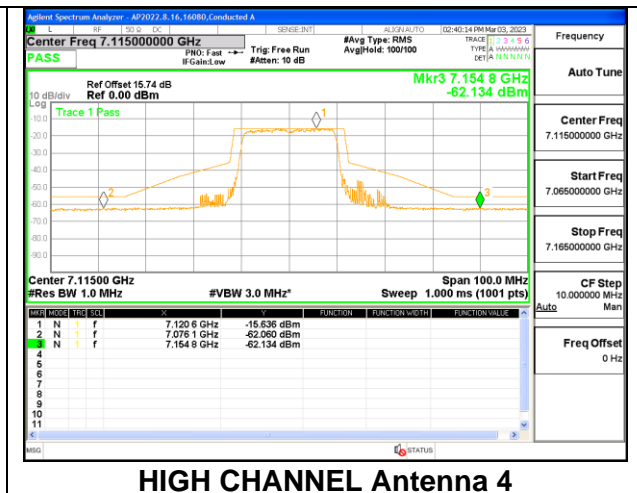


MID CHANNEL Antenna 4

HIGH CHANNEL



HIGH CHANNEL Antenna 3

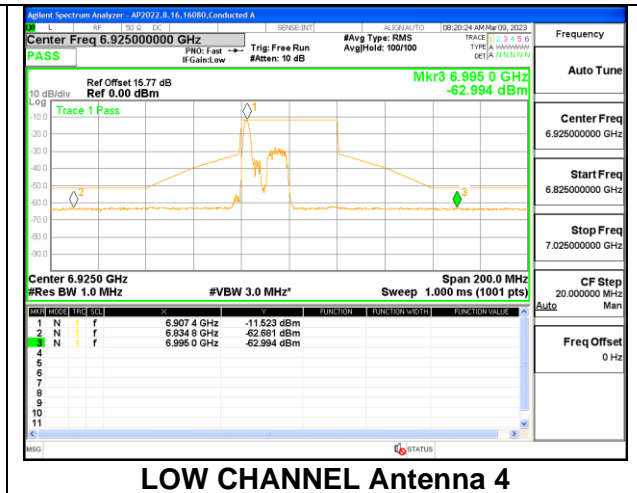
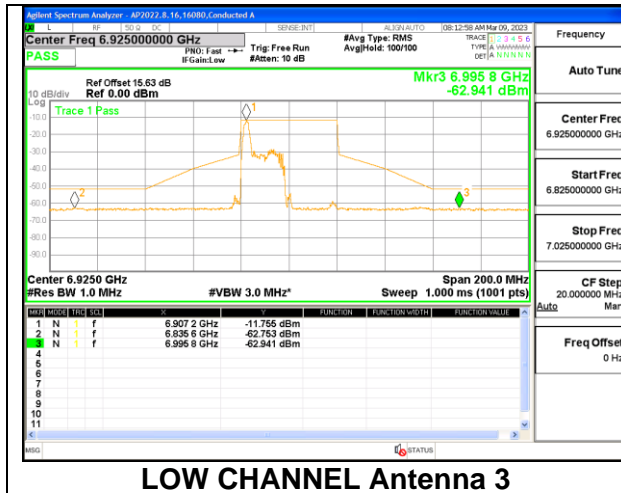


HIGH CHANNEL Antenna 4

9.5.11. 802.11ax HE40 MODE 2TX IN THE UNII-8 BAND

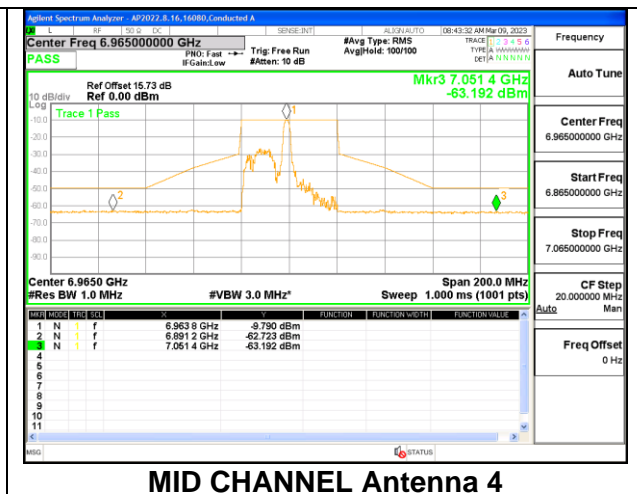
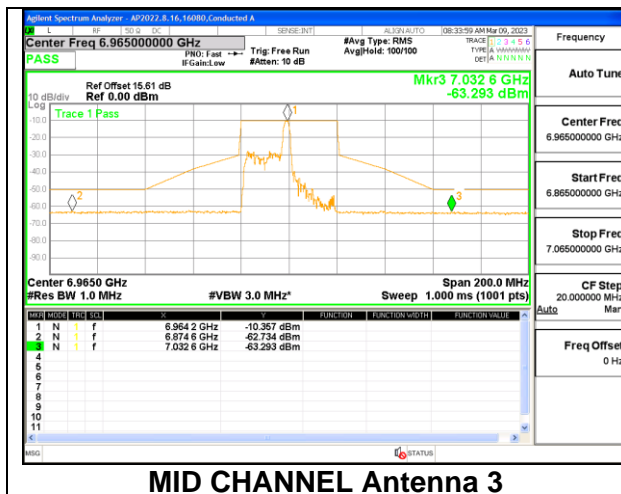
2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 0

LOW CHANNEL



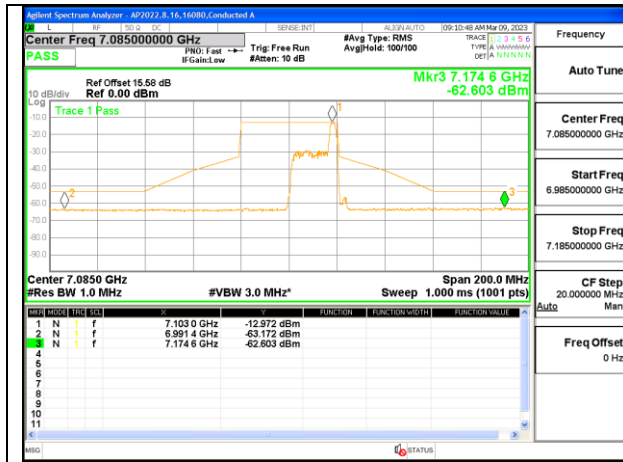
2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 8

MID CHANNEL

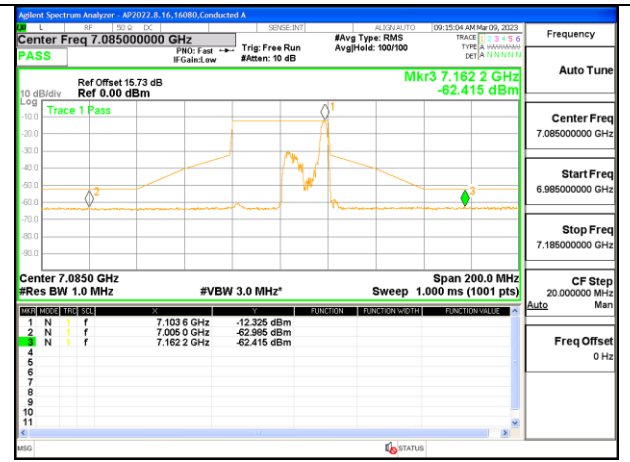


2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 17

HIGH CHANNEL



HIGH CHANNEL Antenna 3



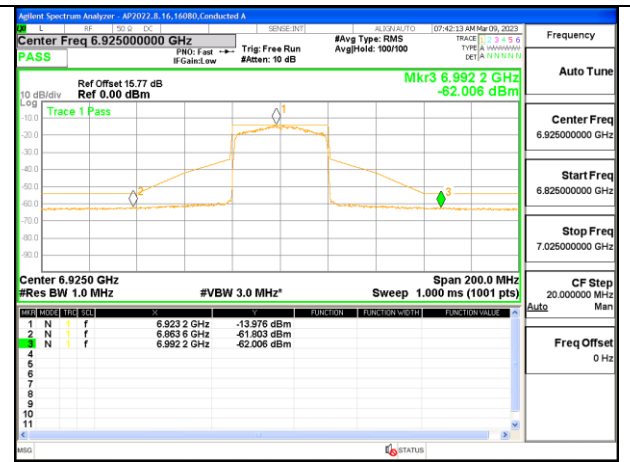
HIGH CHANNEL Antenna 4

2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 484-Tones, RU Index 65

LOW CHANNEL

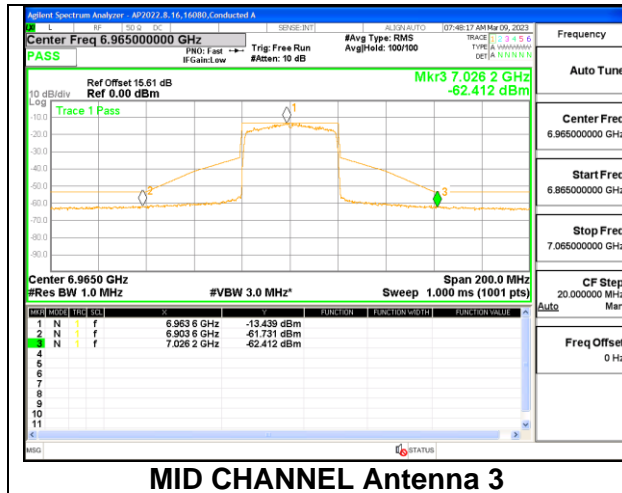


LOW CHANNEL Antenna 3

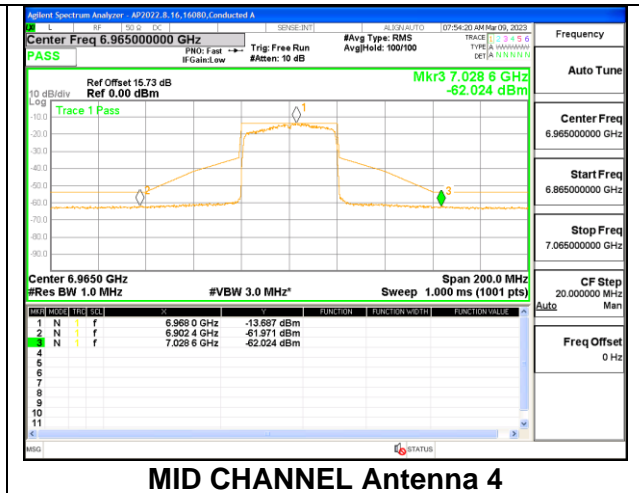


LOW CHANNEL Antenna 4

MID CHANNEL

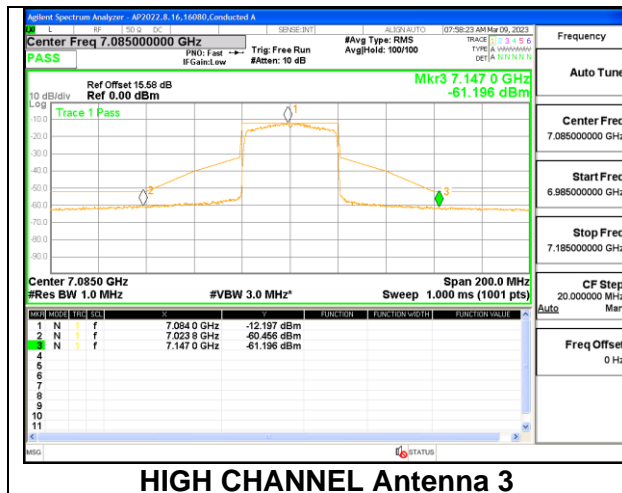


MID CHANNEL Antenna 3

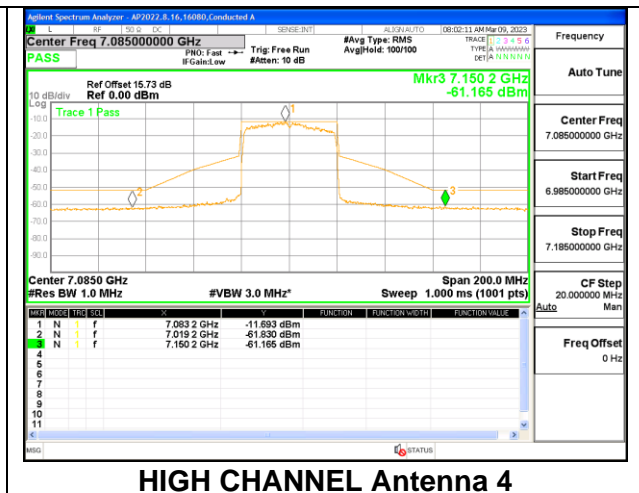


MID CHANNEL Antenna 4

HIGH CHANNEL



HIGH CHANNEL Antenna 3

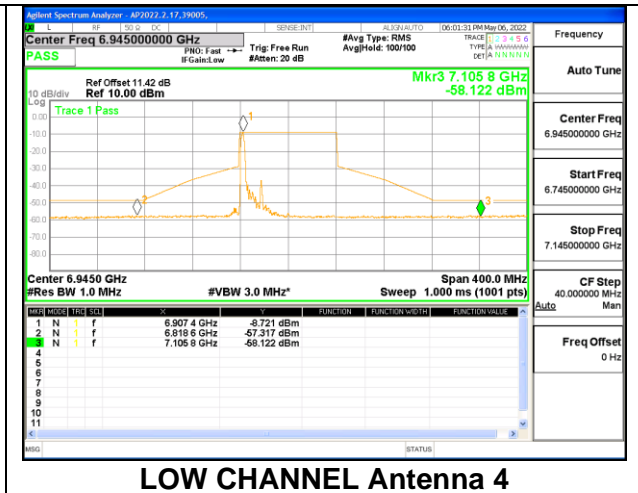
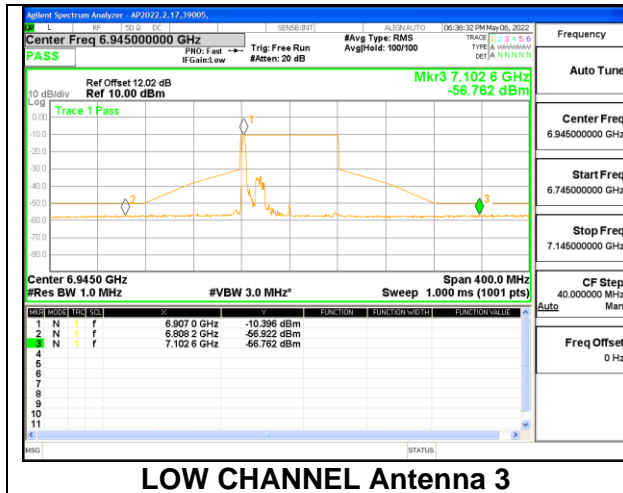


HIGH CHANNEL Antenna 4

9.5.12. 802.11ax HE80 MODE 2TX IN THE UNII-8 BAND

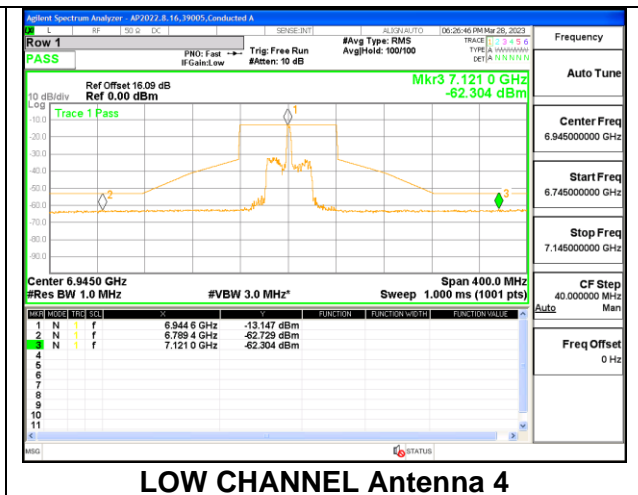
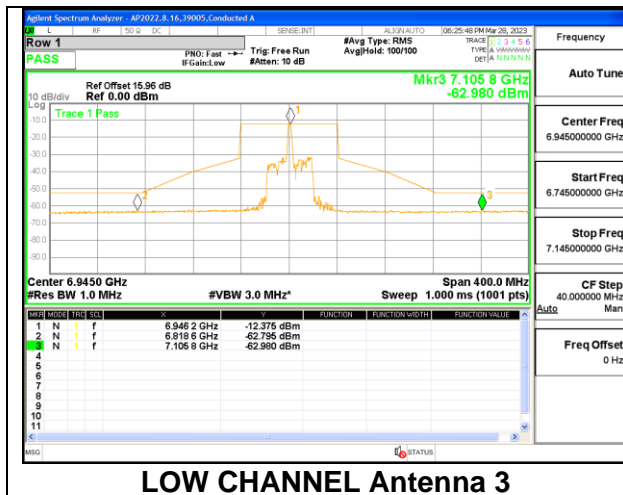
2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 0

LOW CHANNEL



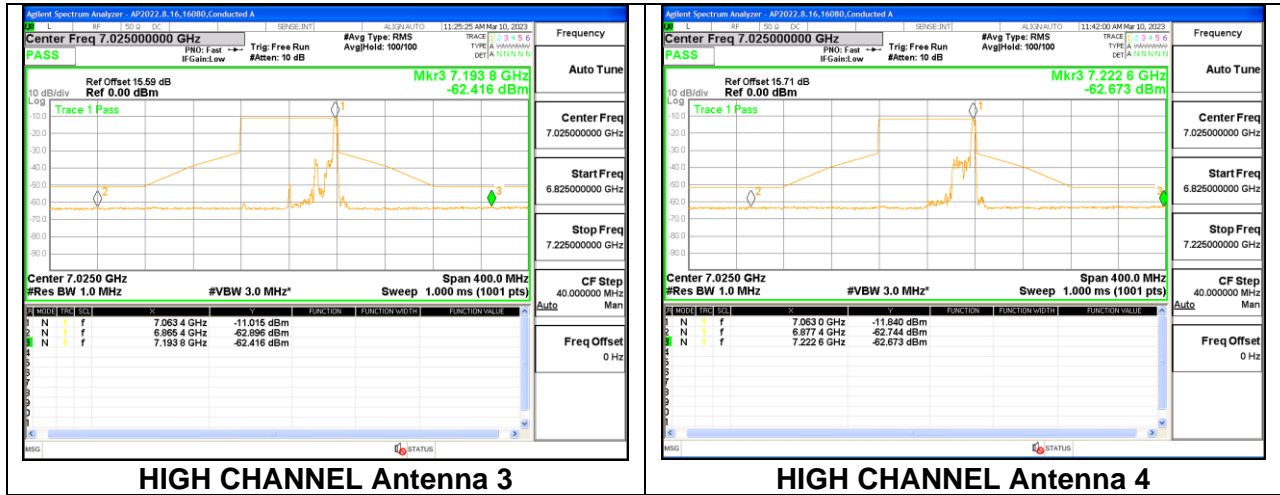
2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 18

LOW CHANNEL



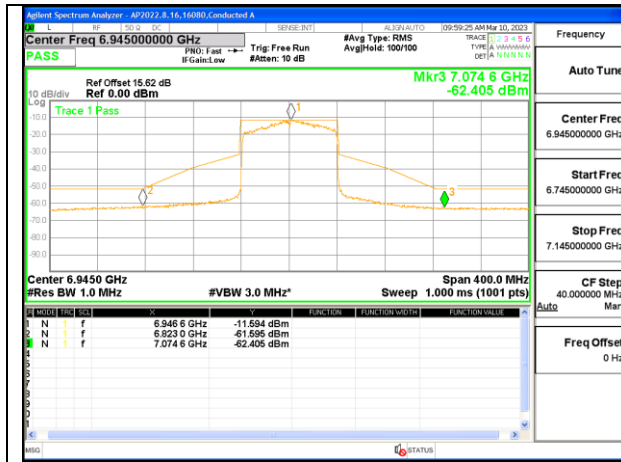
2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 36

HIGH CHANNEL

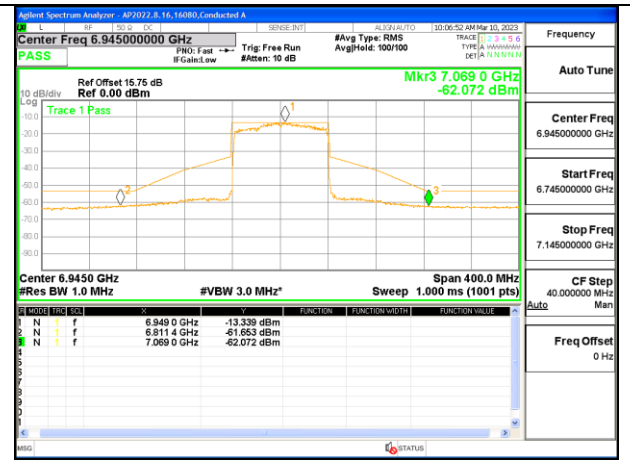


2TX Antenna 3 + Antenna 4 CDD OFDMA MODE: 996-Tones, RU Index 67

LOW CHANNEL

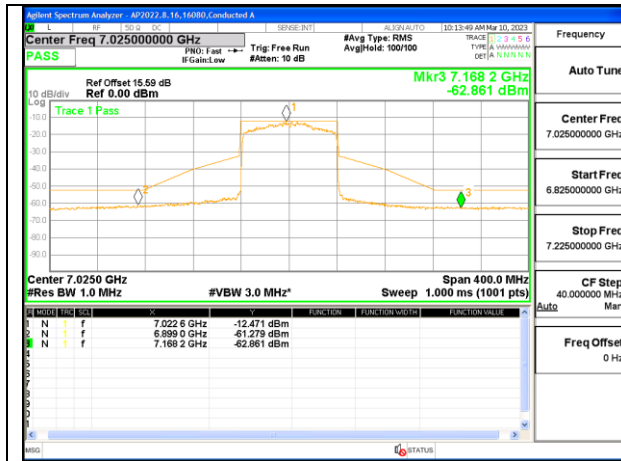


LOW CHANNEL Antenna 3

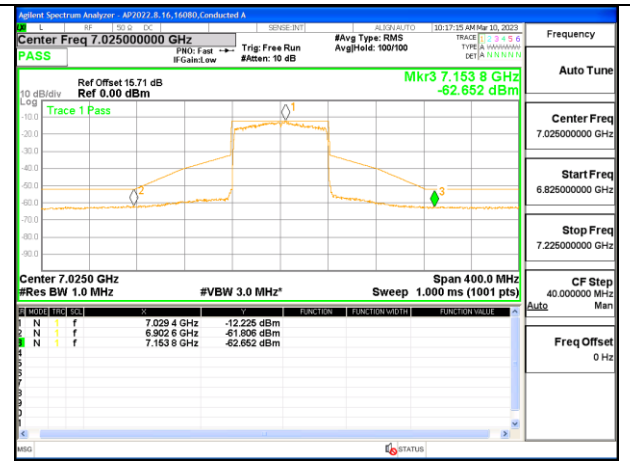


LOW CHANNEL Antenna 4

HIGH CHANNEL



HIGH CHANNEL Antenna 3



HIGH CHANNEL Antenna 4

10. RADIATED TEST RESULTS

LIMITS

FCC §15.35(b)
FCC §15.205 Restricted bands
§15.209 and FCC §15.407(b)(6) -Un-Restricted bands

RSS 248 Issue 2 section 4.7.2a

Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27dBm/MHz rms and -7dBm/MHz Peak.

General field strength limits at frequencies above 30 MHz;

| Frequency Range (MHz) | Field Strength Limit (uV/m) at 3 m | Field Strength Limit (dBuV/m) at 3 m |
|-----------------------|------------------------------------|--------------------------------------|
| 30 - 88 | 100 | 40 |
| 88 - 216 | 150 | 43.5 |
| 216 - 960 | 200 | 46 |
| Above 960 | 500 | 54 |

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 KHz for peak measurements.

For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

The spectrum from 30 MHz to 1GHz and 18GHz to 40 GHz is investigated with the transmitter set to transmit at the channel with highest output power as worst-case scenario. 1GHz to 18GHz was set to the lowest, middle, and highest channels in the 6 GHz bands.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

2D antenna use - For below 30MHz testing, investigation was done on three antenna orientations (parallel, perpendicular, and ground-parallel), parallel and perpendicular are the worst orientations, therefore testing was performed on these two orientations only.

Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

KDB 414788 Open Field Site(OFS) and Chamber Correlation Justification

OFS and chamber correlation testing had been performed and chamber measured test result is the worst-case test result.

NOTE: The limits in CFR 47, Part 15, Subpart C, paragraph 15.209(a), are identical to those in RSS-Gen section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table), using the free space impedance of 377 Ohms. For example, the measurement at frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to $Y - 51.5 = Z$ dBuA/m, which has the same margin, W dB, to the corresponding RSS-Gen Table 6 limit as it has to 15.209(a) limit.

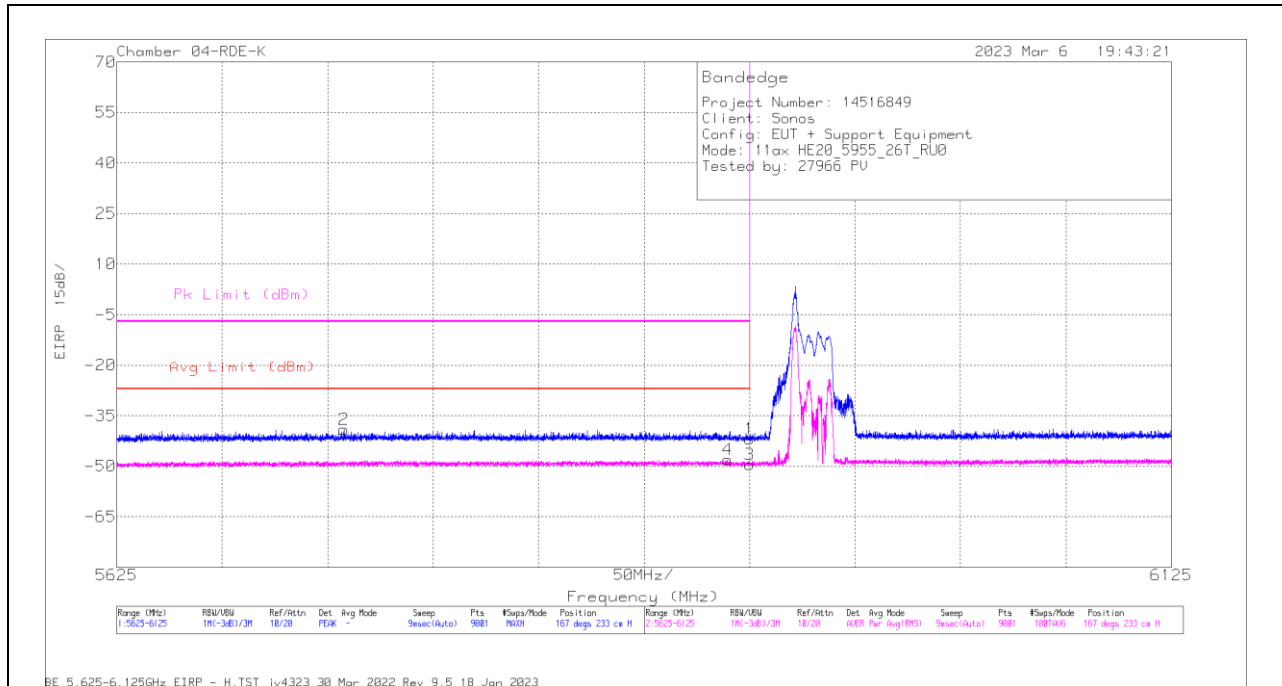
10.1. TRANSMITTER OUTSIDE 5.925-7.125 GHz , 1- 18GHz

10.1.1. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE UNII-5 BAND

2TX Antenna 1 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



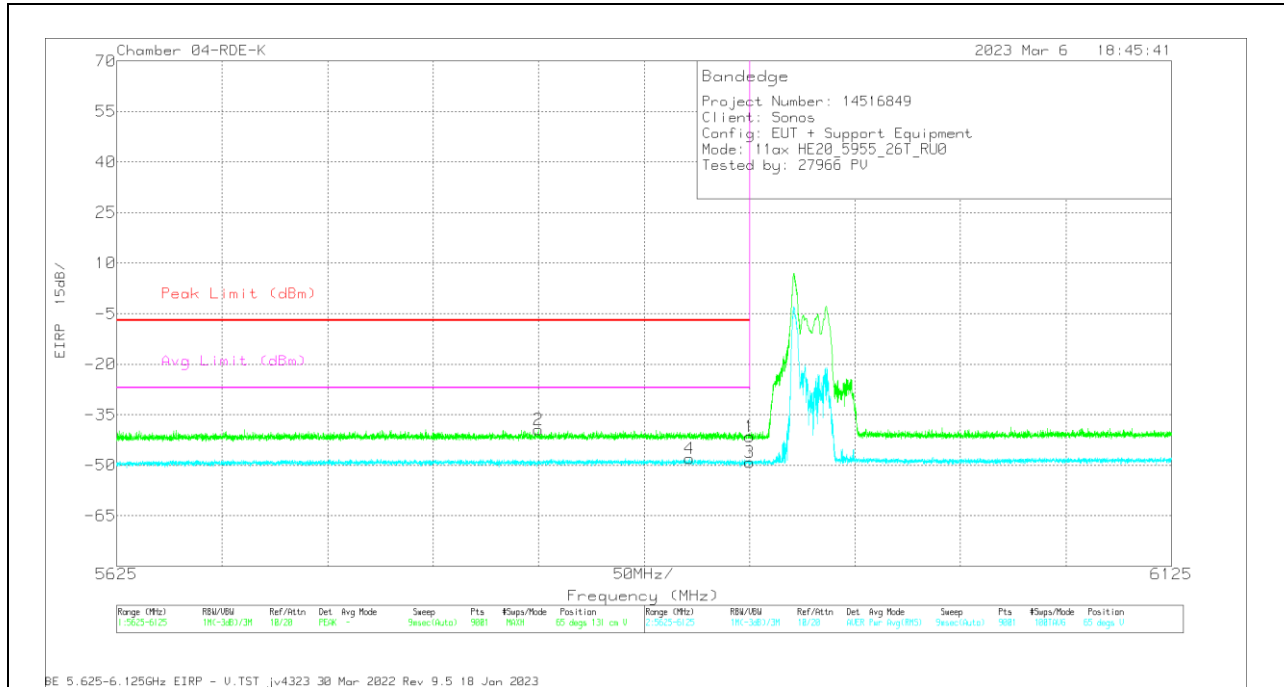
Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 223083 ACF (dB) 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | DCCF (dB) | Corrected Reading EIRP | Avg Limit (dBm) | RMS Margin (dB) | Pk Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------------|------------------|------------------------|-----------|------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|----------|
| 1 | 5925 | -58.7 | Pk | 34.9 | -29.9 | 11.8 | 0 | -41.9 | - | - | -7 | -34.9 | 167 | 233 | H |
| 2 | 5732.668 | -55.53 | PK | 34.7 | -30 | 11.8 | 0 | -39.03 | - | - | -7 | -32.03 | 167 | 233 | H |
| 3 | 5925 | -69.45 | RMS | 34.9 | -29.9 | 11.8 | 3.13 | -49.52 | -27 | -22.52 | - | - | 167 | 233 | H |
| 4 | 5914.502 | -68.01 | RMS | 34.9 | -29.8 | 11.8 | 3.13 | -47.98 | -27 | -20.98 | - | - | 167 | 233 | H |

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



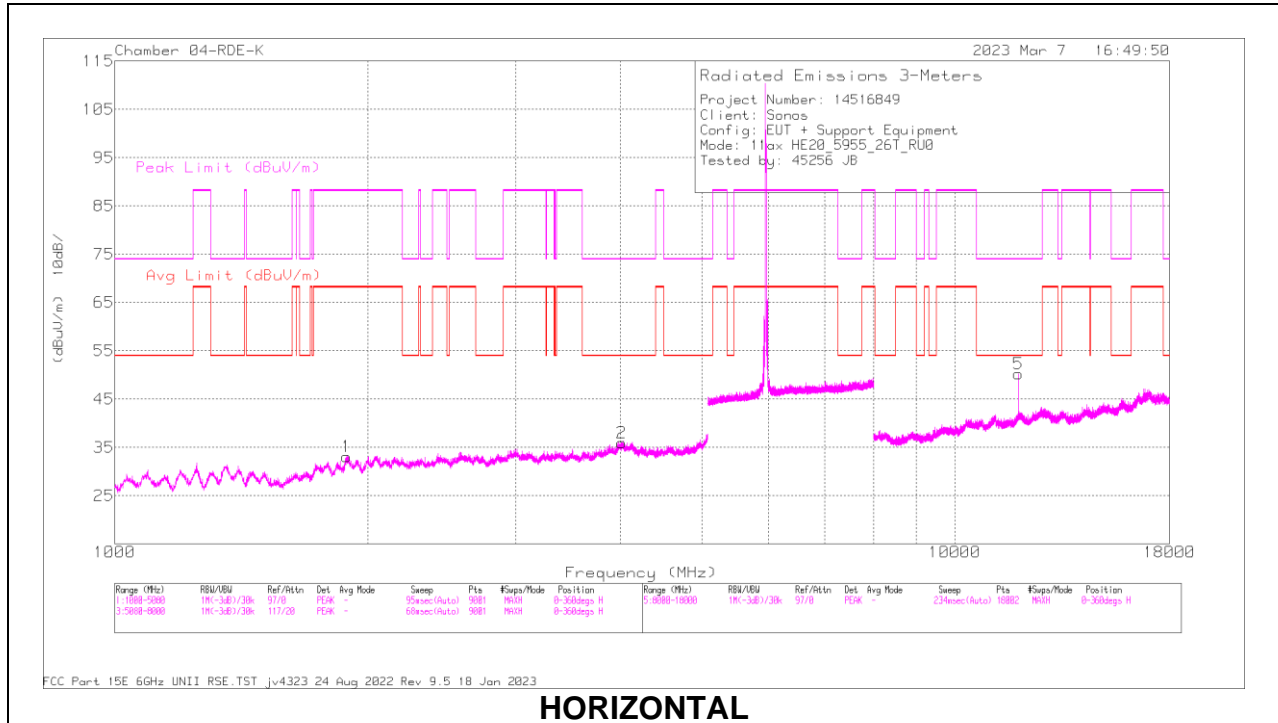
Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 223083 ACF (dB) 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | DCCF (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------------|------------------|------------------------|-----------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1 | 5925 | -58.24 | PK | 34.9 | -29.9 | 11.8 | 0 | -41.44 | -7 | -34.44 | - | - | 65 | 131 | V |
| 2 | 5824.946 | -56.17 | PK | 34.8 | -29.9 | 11.8 | 0 | -39.47 | -7 | -32.47 | - | - | 65 | 131 | V |
| 3 | 5925 | -69.06 | RMS | 34.9 | -29.9 | 11.8 | 3.13 | -49.13 | - | - | -27 | -22.13 | 65 | 131 | V |
| 4 | 5896.391 | -67.97 | RMS | 34.9 | -29.9 | 11.8 | 3.13 | -48.04 | - | - | -27 | -21.04 | 65 | 131 | V |

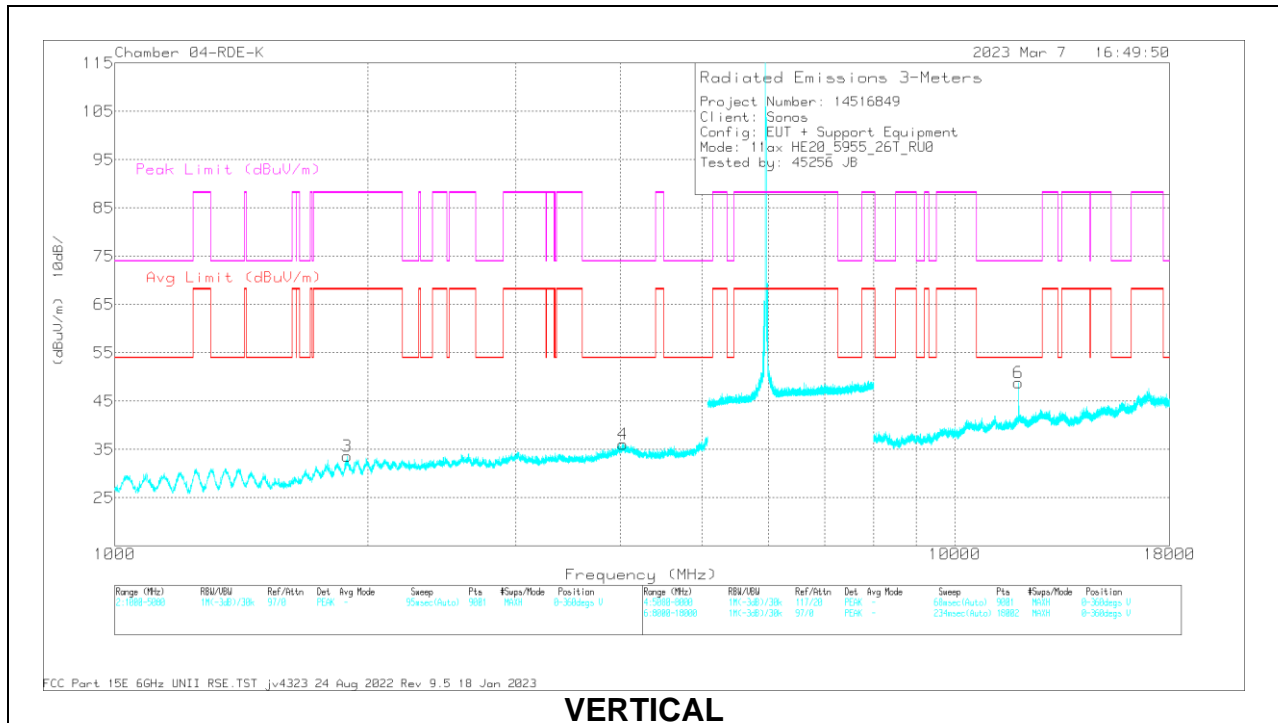
PK - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 223083 ACF (dB) 3mH | Amp/Cb/Filtr (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------------|-------------------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | 1887.771 | 57.48 | PK-U | 31 | -45.4 | 0 | 43.08 | - | - | 88.2 | -45.12 | 14 | 162 | H |
| | 1888.677 | 45.4 | ADR | 31 | -45.4 | 3.13 | 34.13 | 68.2 | -34.07 | - | - | 14 | 162 | H |
| 2 | * 4017.214 | 52.42 | PK-U | 35.2 | -41.6 | 0 | 46.02 | - | - | 74 | -27.98 | 110 | 293 | H |
| | * 4014.685 | 40.33 | ADR | 35.2 | -41.6 | 3.13 | 37.06 | 54 | -16.94 | - | - | 110 | 293 | H |
| 3 | 1893.607 | 57.14 | PK-U | 31.1 | -45.6 | 0 | 42.64 | - | - | 88.2 | -45.56 | 315 | 250 | V |
| | 1892.36 | 45.43 | ADR | 31.1 | -45.7 | 3.13 | 33.96 | 68.2 | -34.24 | - | - | 315 | 250 | V |
| 4 | * 4028.486 | 52.05 | PK-U | 35.2 | -41.7 | 0 | 45.55 | - | - | 74 | -28.45 | 359 | 306 | V |
| | * 4029.302 | 40.36 | ADR | 35.2 | -41.7 | 3.13 | 36.99 | 54 | -17.01 | - | - | 359 | 306 | V |
| 5 | * 11893.839 | 56.69 | PK-U | 38.5 | -34.9 | 0 | 60.29 | - | - | 74 | -13.71 | 191 | 181 | H |
| | * 11892.97 | 43.63 | ADR | 38.5 | -34.9 | 3.13 | 50.36 | 54 | -3.64 | - | - | 191 | 181 | H |
| 6 | * 11894.123 | 58.71 | PK-U | 38.5 | -34.8 | 0 | 62.41 | - | - | 74 | -11.59 | 64 | 113 | V |
| | * 11893.241 | 44.86 | ADR | 38.5 | -34.9 | 3.13 | 51.59 | 54 | -2.41 | - | - | 64 | 113 | V |

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

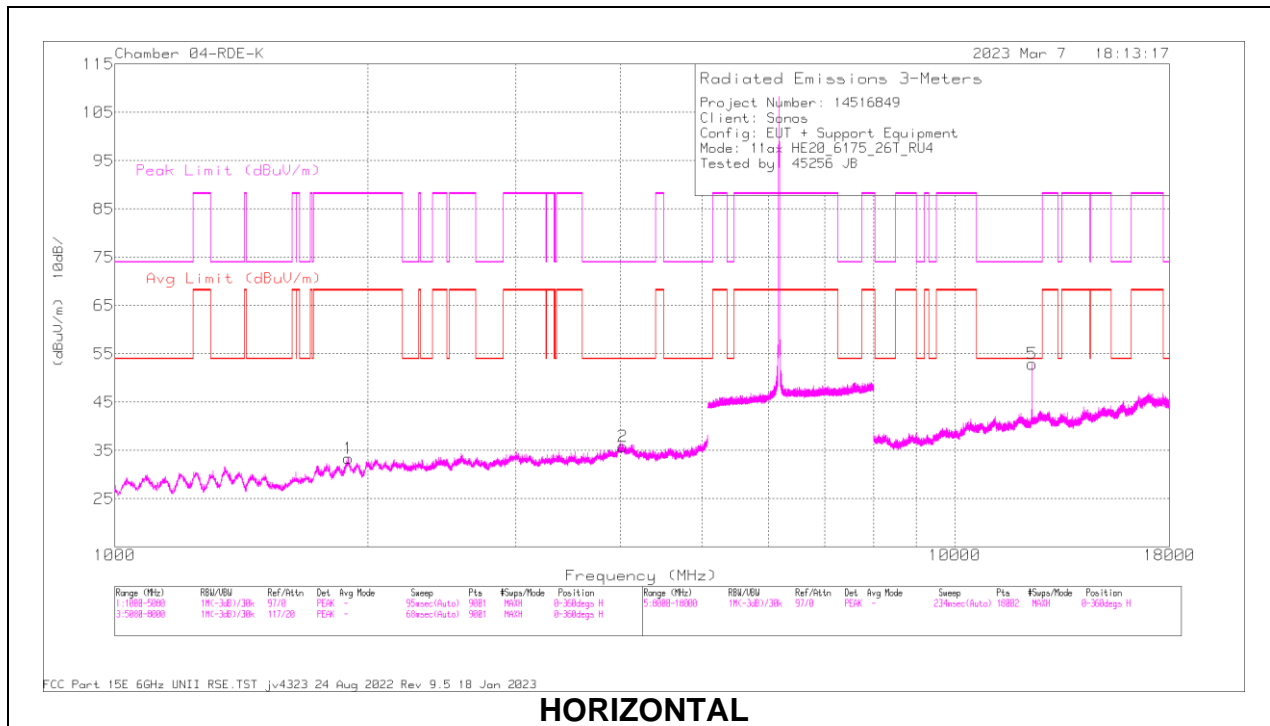
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

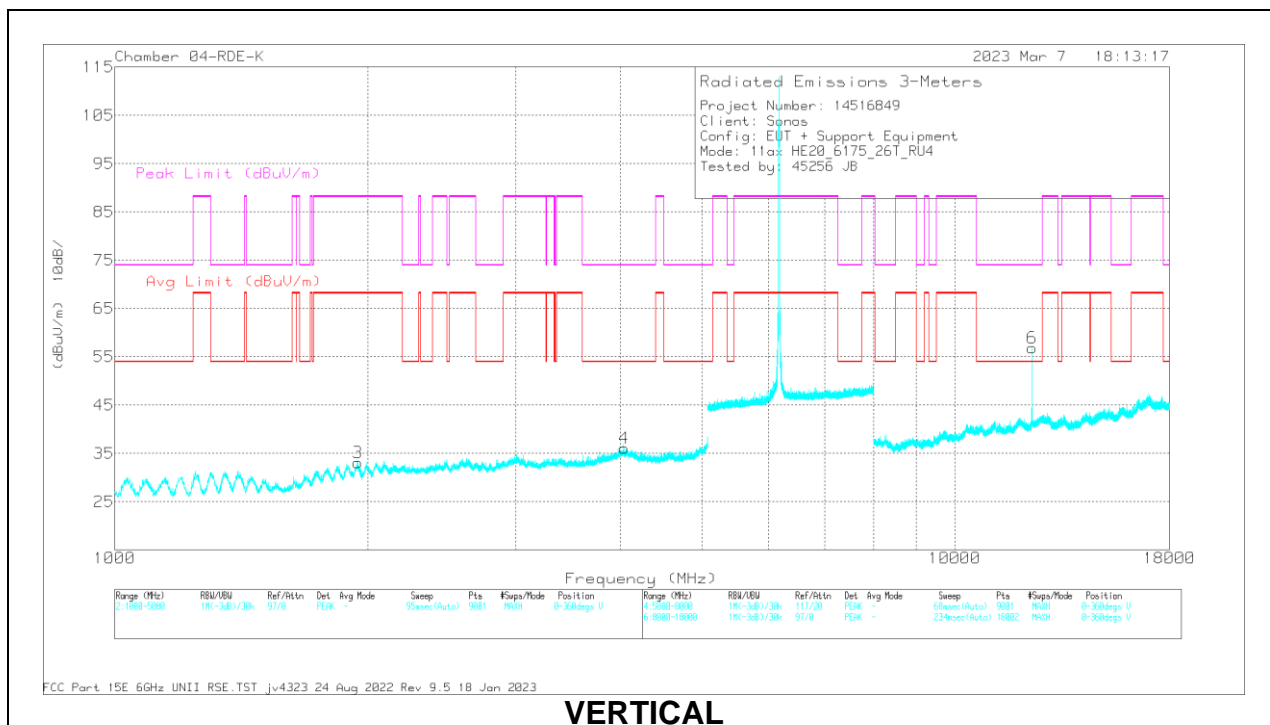
2TX Antenna 1 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 4

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 223083 ACF (dB) 3mH | Amp/Cbl/Filtr (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------------|--------------------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | 1896.09 | 57.61 | PK-U | 31.1 | -45.4 | 0 | 43.31 | - | - | 88.2 | -44.89 | 266 | 213 | H |
| | 1893.518 | 45.63 | ADR | 31.1 | -45.6 | 3.13 | 34.26 | 68.2 | -33.94 | - | - | 266 | 213 | H |
| 2 | * 4026.639 | 53.15 | PK-U | 35.2 | -41.7 | 0 | 46.65 | - | - | 74 | -27.35 | 247 | 303 | H |
| | * 4024.181 | 40.35 | ADR | 35.2 | -41.7 | 3.13 | 36.98 | 54 | -17.02 | - | - | 247 | 303 | H |
| 3 | 1945.092 | 65.55 | PK-U | 31.4 | -45.4 | 0 | 51.55 | - | - | 88.2 | -36.65 | 297 | 297 | V |
| | 1944.885 | 45.08 | ADR | 31.4 | -45.4 | 3.13 | 34.21 | 68.2 | -33.99 | - | - | 297 | 297 | V |
| 4 | * 4040.236 | 51.92 | PK-U | 35.2 | -41.6 | 0 | 45.52 | - | - | 74 | -28.48 | 9 | 234 | V |
| | * 4037.748 | 40.43 | ADR | 35.2 | -41.6 | 3.13 | 37.16 | 54 | -16.84 | - | - | 9 | 234 | V |
| 5 | * 12348.519 | 57.52 | PK-U | 39 | -34.4 | 0 | 62.12 | - | - | 74 | -11.88 | 258 | 163 | H |
| | * 12348.222 | 44.98 | ADR | 39 | -34.4 | 3.13 | 52.71 | 54 | -1.29 | - | - | 258 | 163 | H |
| 6 | * 12348.279 | 57.53 | PK-U | 39 | -34.4 | 0 | 62.13 | - | - | 74 | -11.87 | 64 | 116 | V |
| | * 12350.406 | 45.03 | ADR | 39 | -34.5 | 3.13 | 52.66 | 54 | -1.34 | - | - | 64 | 116 | V |

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

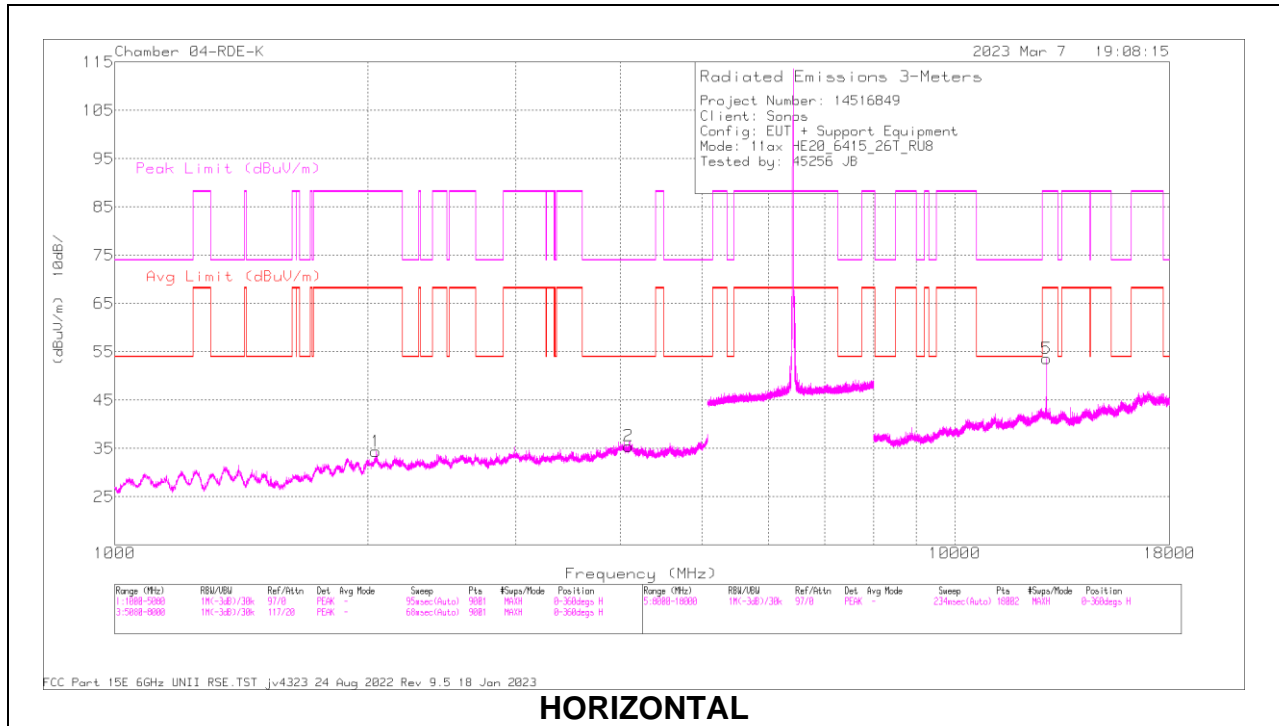
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

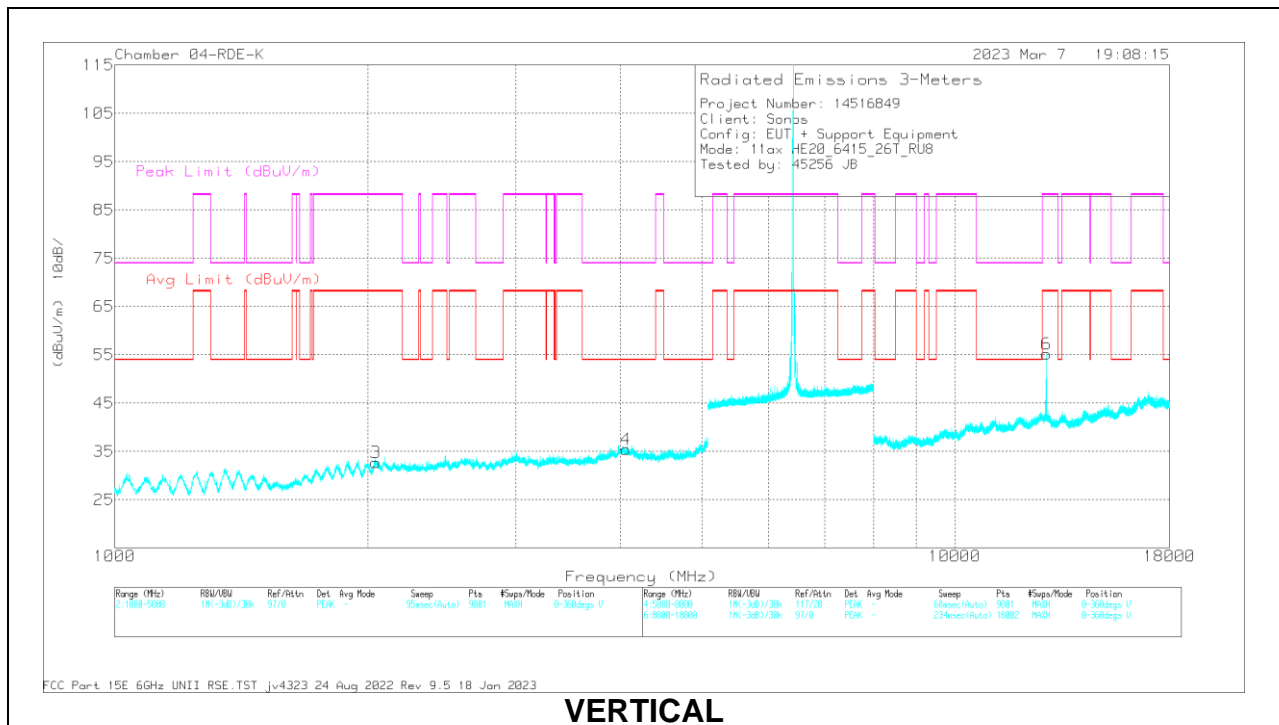
2TX Antenna 1 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 8

HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 223083 ACF (dB) 3mH | Amp/Cb/Filtr (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------------|-------------------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | 2045.129 | 57.58 | PK-U | 31.7 | -45.6 | 0 | 43.68 | - | - | 88.2 | -44.52 | 117 | 115 | H |
| | 2045.645 | 45.36 | ADR | 31.7 | -45.7 | 3.13 | 34.49 | 68.2 | -33.71 | - | - | 117 | 115 | H |
| 2 | * 4090.069 | 52.26 | PK-U | 35 | -41.6 | 0 | 45.66 | - | - | 74 | -28.34 | 164 | 300 | H |
| | * 4090.542 | 40.13 | ADR | 35 | -41.6 | 3.13 | 36.66 | 54 | -17.34 | - | - | 164 | 300 | H |
| 3 | 2042.774 | 57.47 | PK-U | 31.7 | -45.6 | 0 | 43.57 | - | - | 88.2 | -44.63 | 52 | 320 | V |
| | 2044.406 | 45.07 | ADR | 31.7 | -45.6 | 3.13 | 34.3 | 68.2 | -33.9 | - | - | 52 | 320 | V |
| 4 | * 4056.248 | 51.95 | PK-U | 35.2 | -41.7 | 0 | 45.45 | - | - | 74 | -28.55 | 315 | 161 | V |
| | * 4058.016 | 40.1 | ADR | 35.2 | -41.6 | 3.13 | 36.83 | 54 | -17.17 | - | - | 315 | 161 | V |
| 5 | 12845.779 | 59.83 | PK-U | 39.4 | -34.3 | 0 | 64.93 | - | - | 88.2 | -23.27 | 20 | 105 | H |
| | 12846.242 | 43.17 | ADR | 39.4 | -34.3 | 3.13 | 51.4 | 68.2 | -16.8 | - | - | 20 | 105 | H |
| 6 | 12847.444 | 61.64 | PK-U | 39.4 | -34.3 | 0 | 66.74 | - | - | 88.2 | -21.46 | 33 | 174 | V |
| | 12847.608 | 47.8 | ADR | 39.4 | -34.3 | 3.13 | 56.03 | 68.2 | -12.17 | - | - | 33 | 174 | V |

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

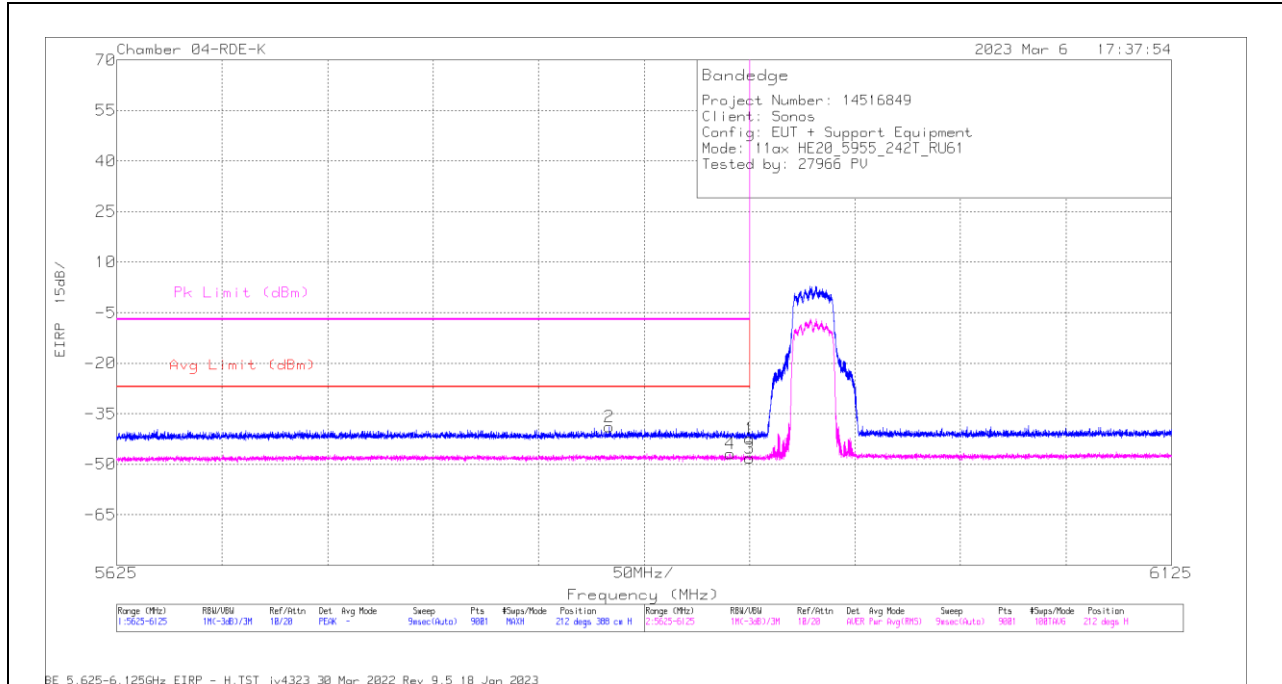
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Antenna 1 + Antenna 4 OFDMA MODE: 242-Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

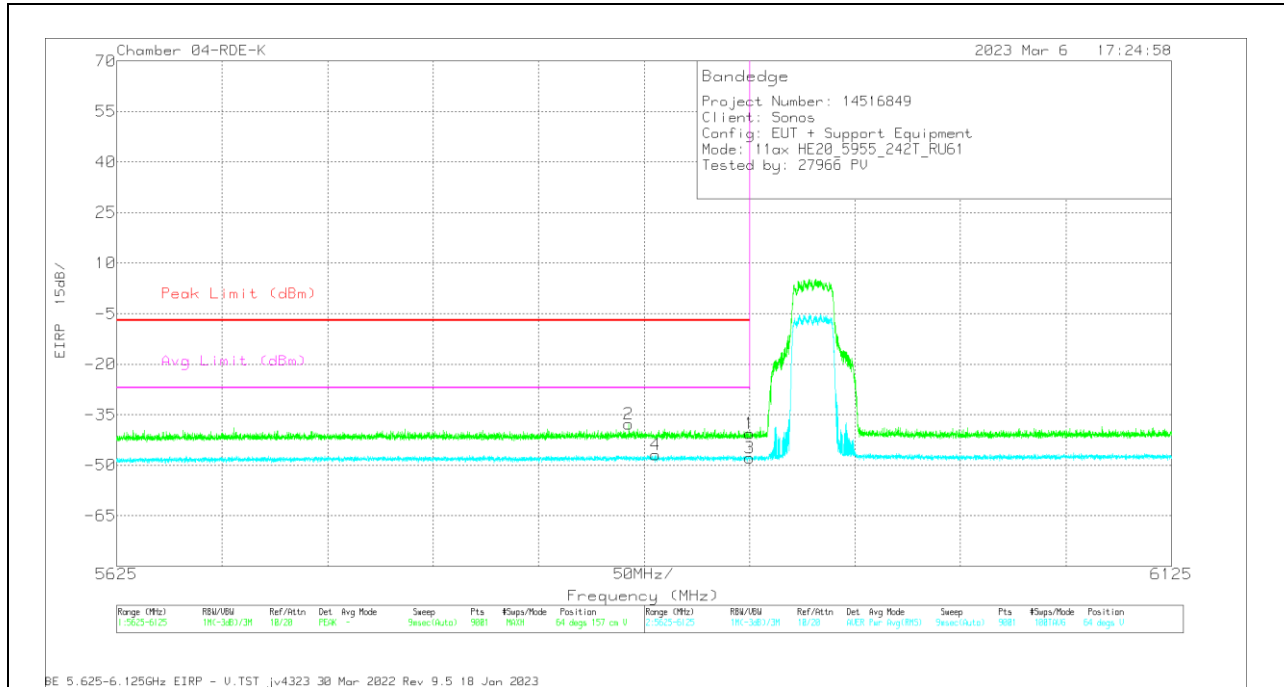


Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 223083 ACF (dB) 3mH | Amp/Cb/Pad (dB) | Conversion Factor (dB) | DCCF (dB) | Corrected Reading EIRP | Avg Limit (dBm) | RMS Margin (dB) | Pk Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------------|-----------------|------------------------|-----------|------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|----------|
| 1 | 5925 | -59.23 | Pk | 34.9 | -29.9 | 11.8 | 0 | -42.43 | - | - | -7 | -35.43 | 212 | 388 | H |
| 2 | 5858.613 | -55.56 | Pk | 34.8 | -29.9 | 11.8 | 0 | -38.86 | - | - | -7 | -31.86 | 212 | 388 | H |
| 3 | 5925 | -69.18 | RMS | 34.9 | -29.9 | 11.8 | 4.17 | -48.21 | -27 | -21.21 | - | - | 212 | 388 | H |
| 4 | 5915.78 | -67.96 | RMS | 34.9 | -29.8 | 11.8 | 4.17 | -46.89 | -27 | -19.89 | - | - | 212 | 388 | H |

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



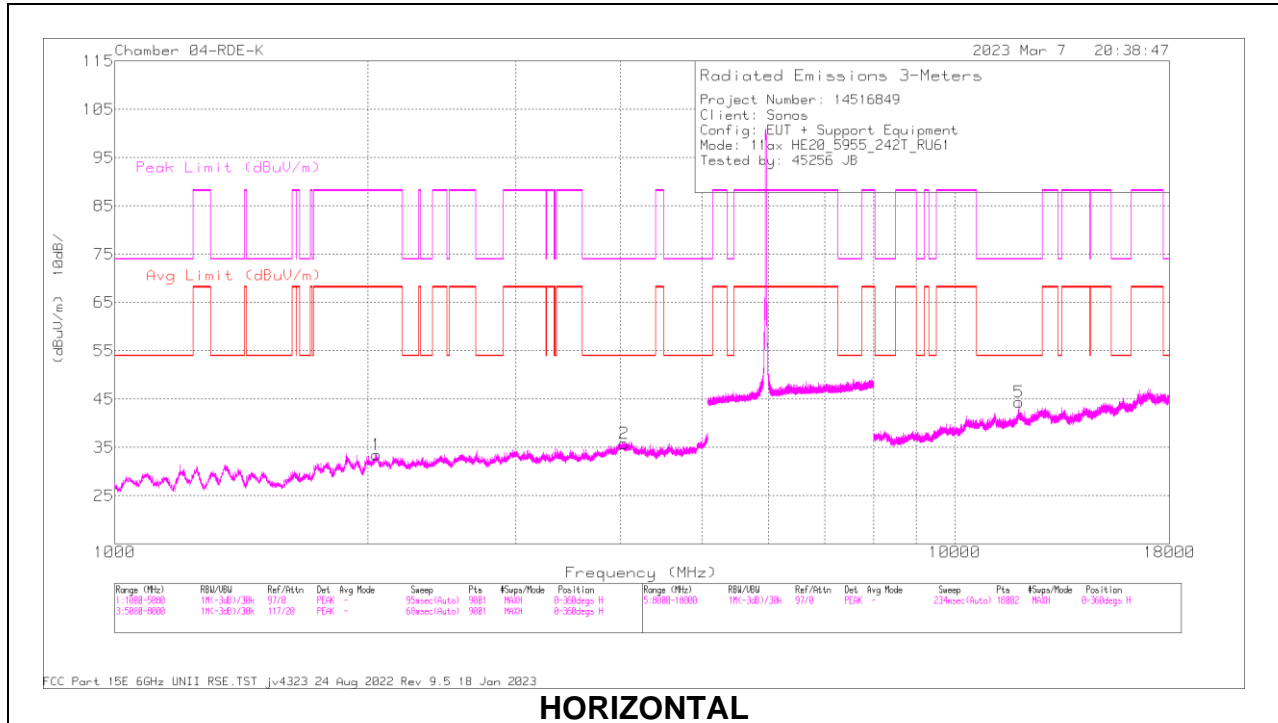
Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 223083 ACF (dB) 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | DCCF (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------------|------------------|------------------------|-----------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1 | 5925 | -57.41 | Pk | 34.9 | -29.9 | 11.8 | 0 | -40.61 | -7 | -33.61 | - | - | 64 | 157 | V |
| 2 | 5867.835 | -54.54 | Pk | 34.8 | -29.9 | 11.8 | 0 | -37.84 | -7 | -30.84 | - | - | 64 | 157 | V |
| 3 | 5925 | -68.75 | RMS | 34.9 | -29.9 | 11.8 | 4.17 | -47.78 | - | - | -27 | -20.78 | 64 | 157 | V |
| 4 | 5880.446 | -67.84 | RMS | 34.8 | -29.9 | 11.8 | 4.17 | -46.97 | - | - | -27 | -19.97 | 64 | 157 | V |

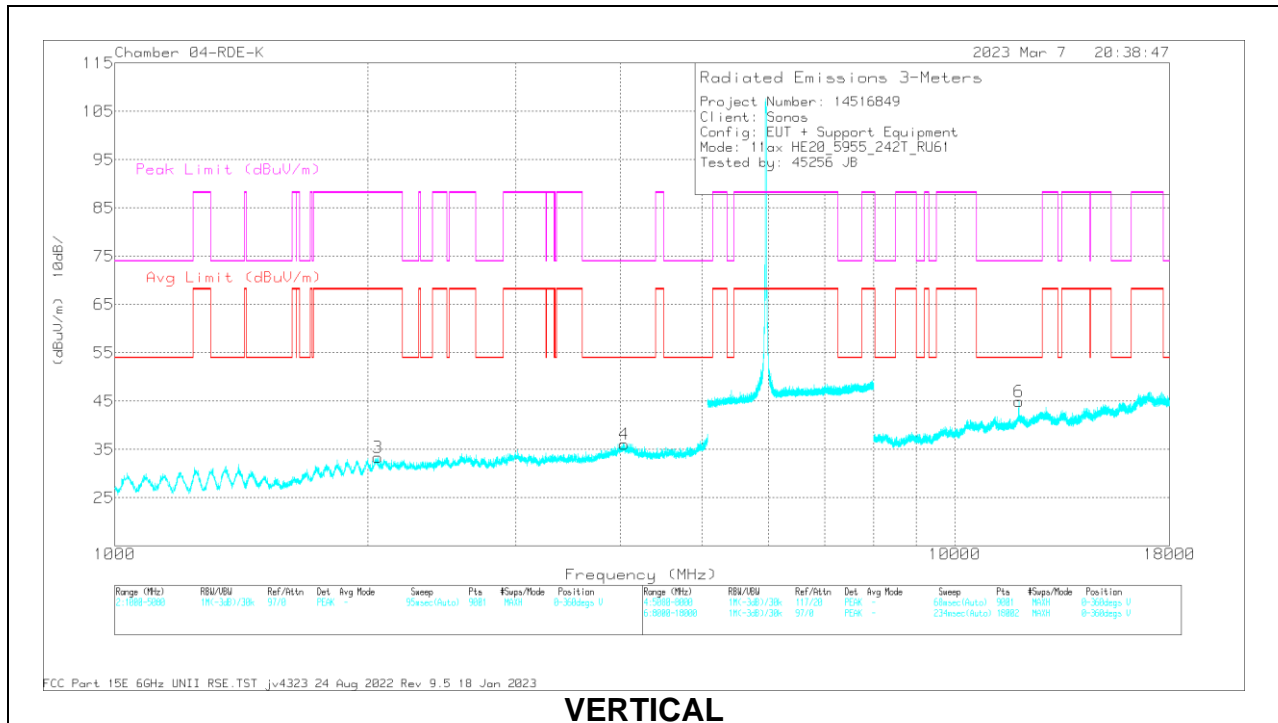
Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

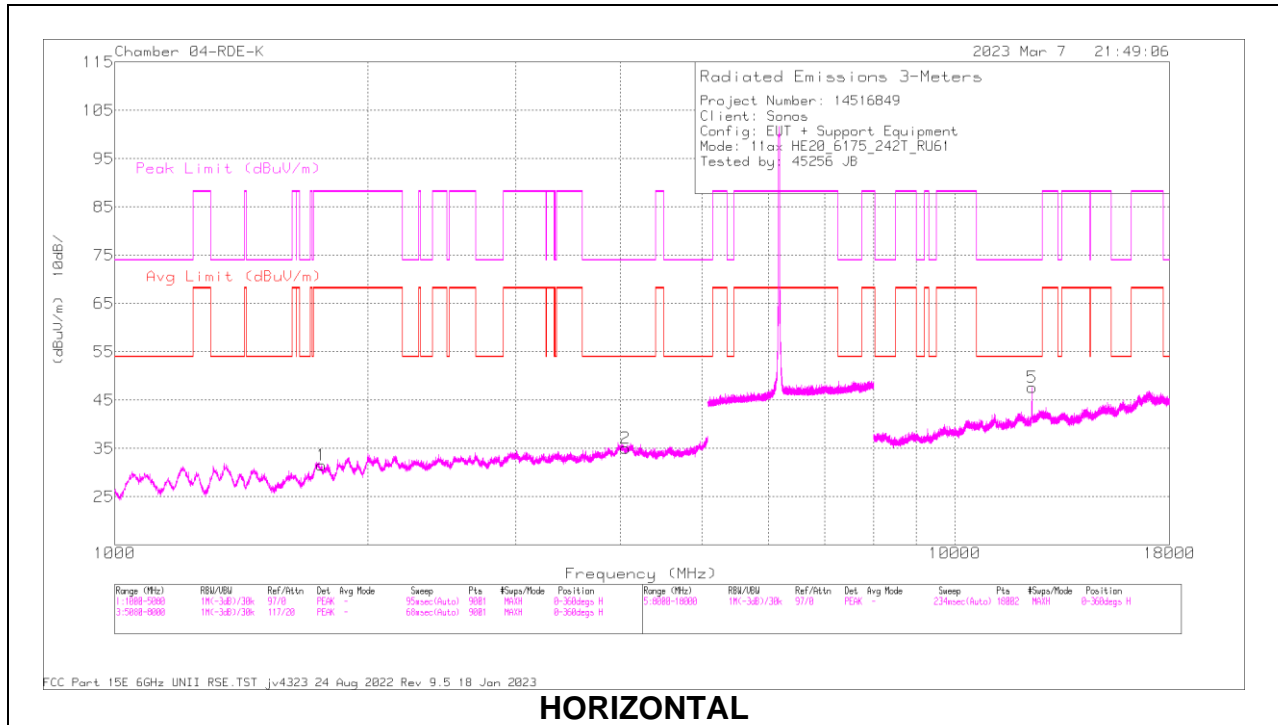
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 223083 ACF (dB) 3mH | Amp/Cb/Fitr (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------------|------------------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | 2045.442 | 56.93 | PK-U | 31.7 | -45.6 | 0 | 43.03 | - | - | 88.2 | -45.17 | 79 | 358 | H |
| | 2046.297 | 45.35 | ADR | 31.7 | -45.7 | 4.17 | 35.52 | 68.2 | -32.68 | - | - | 79 | 358 | H |
| 2 | * 4041.095 | 52.36 | PK-U | 35.2 | -41.6 | 0 | 45.96 | - | - | 74 | -28.04 | 349 | 157 | H |
| | * 4038.924 | 40.03 | ADR | 35.2 | -41.6 | 4.17 | 37.8 | 54 | -16.2 | - | - | 349 | 157 | H |
| 3 | 2056.979 | 56.91 | PK-U | 31.7 | -45.7 | 0 | 42.91 | - | - | 88.2 | -45.29 | 159 | 239 | V |
| | 2054.701 | 44.9 | ADR | 31.7 | -45.8 | 4.17 | 34.97 | 68.2 | -33.23 | - | - | 159 | 239 | V |
| 4 | * 4034.749 | 52.46 | PK-U | 35.2 | -41.7 | 0 | 45.96 | - | - | 74 | -28.04 | 252 | 139 | V |
| | * 4035.894 | 40.24 | ADR | 35.2 | -41.6 | 4.17 | 38.01 | 54 | -15.99 | - | - | 252 | 139 | V |
| 5 | * 11917.607 | 49.04 | PK-U | 38.5 | -34.7 | 0 | 52.84 | - | - | 74 | -21.16 | 201 | 213 | H |
| | * 11918.061 | 35.84 | ADR | 38.5 | -34.7 | 4.17 | 43.81 | 54 | -10.19 | - | - | 201 | 213 | H |
| 6 | * 11910.834 | 50.43 | PK-U | 38.5 | -34.8 | 0 | 54.13 | - | - | 74 | -19.87 | 63 | 144 | V |
| | * 11910.702 | 37.24 | ADR | 38.5 | -34.8 | 4.17 | 45.11 | 54 | -8.89 | - | - | 63 | 144 | V |

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

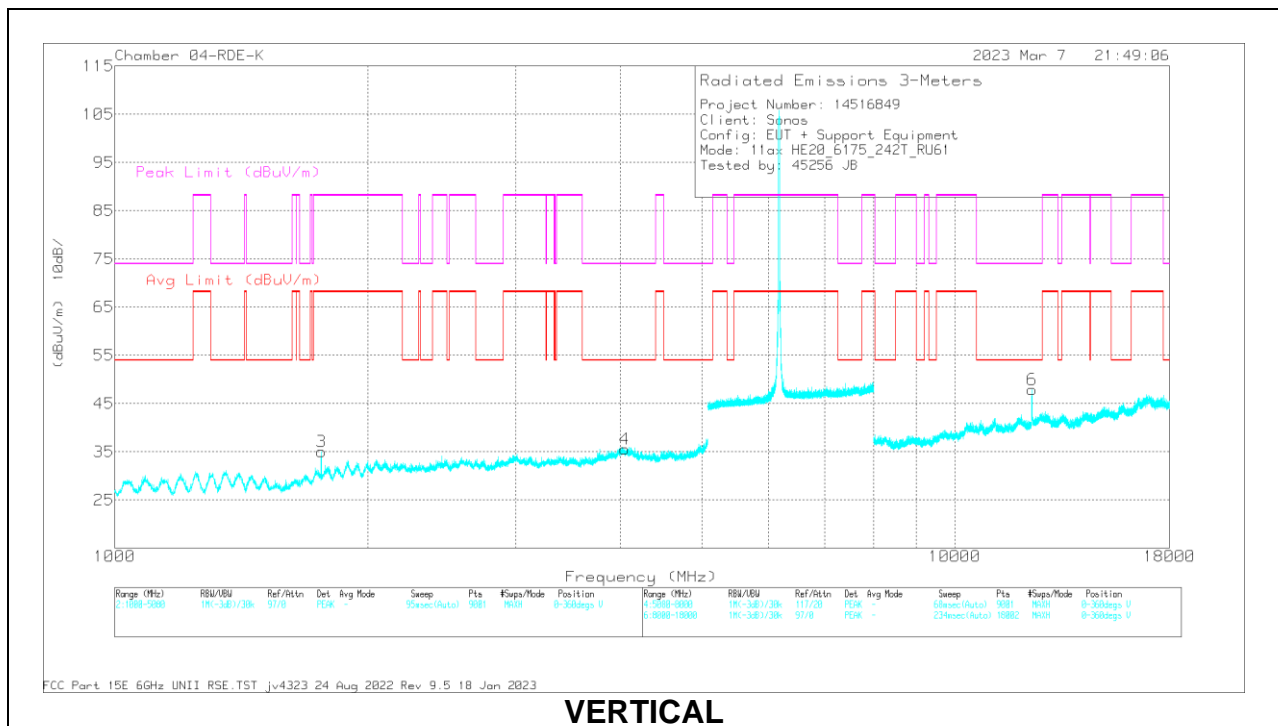
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

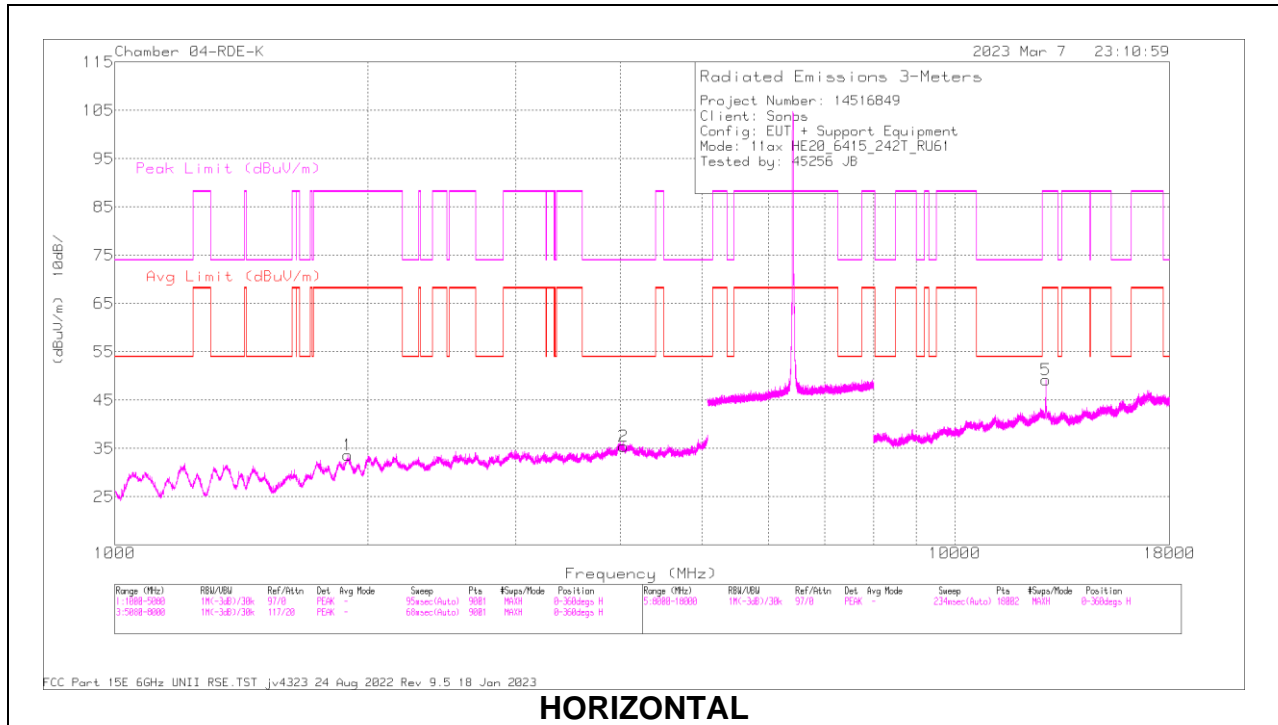
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 223083 ACF (dB) 3mH | Amp/Cb/Filtr (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------------|-------------------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | 1759.92 | 58.08 | PK-U | 29.8 | -46.1 | 0 | 41.78 | - | - | 88.2 | -46.42 | 60 | 216 | H |
| | 1759.921 | 45.74 | ADR | 29.8 | -46.1 | 4.17 | 33.61 | 68.2 | -34.59 | - | - | 60 | 216 | H |
| 2 | * 4053.233 | 51.76 | PK-U | 35.2 | -41.6 | 0 | 45.36 | - | - | 74 | -28.64 | 347 | 328 | H |
| | * 4054.753 | 39.77 | ADR | 35.2 | -41.6 | 4.17 | 37.54 | 54 | -16.46 | - | - | 347 | 328 | H |
| 3 | 1760.445 | 61.4 | PK-U | 29.8 | -46.1 | 0 | 45.1 | - | - | 88.2 | -43.1 | 210 | 134 | V |
| | 1760.255 | 45.43 | ADR | 29.8 | -46.1 | 4.17 | 33.3 | 68.2 | -34.9 | - | - | 210 | 134 | V |
| 4 | * 4042.009 | 51.8 | PK-U | 35.2 | -41.7 | 0 | 45.3 | - | - | 74 | -28.7 | 19 | 165 | V |
| | * 4040.997 | 40.1 | ADR | 35.2 | -41.6 | 4.17 | 37.87 | 54 | -16.13 | - | - | 19 | 165 | V |
| 5 | * 12356.204 | 51.97 | PK-U | 39 | -34.4 | 0 | 56.57 | - | - | 74 | -17.43 | 200 | 110 | H |
| | * 12356.439 | 37.9 | ADR | 39 | -34.4 | 4.17 | 46.67 | 54 | -7.33 | - | - | 200 | 110 | H |
| 6 | * 12355.619 | 54.11 | PK-U | 39 | -34.4 | 0 | 58.71 | - | - | 74 | -15.29 | 63 | 105 | V |
| | * 12355.808 | 39.97 | ADR | 39 | -34.4 | 4.17 | 48.74 | 54 | -5.26 | - | - | 63 | 105 | V |

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

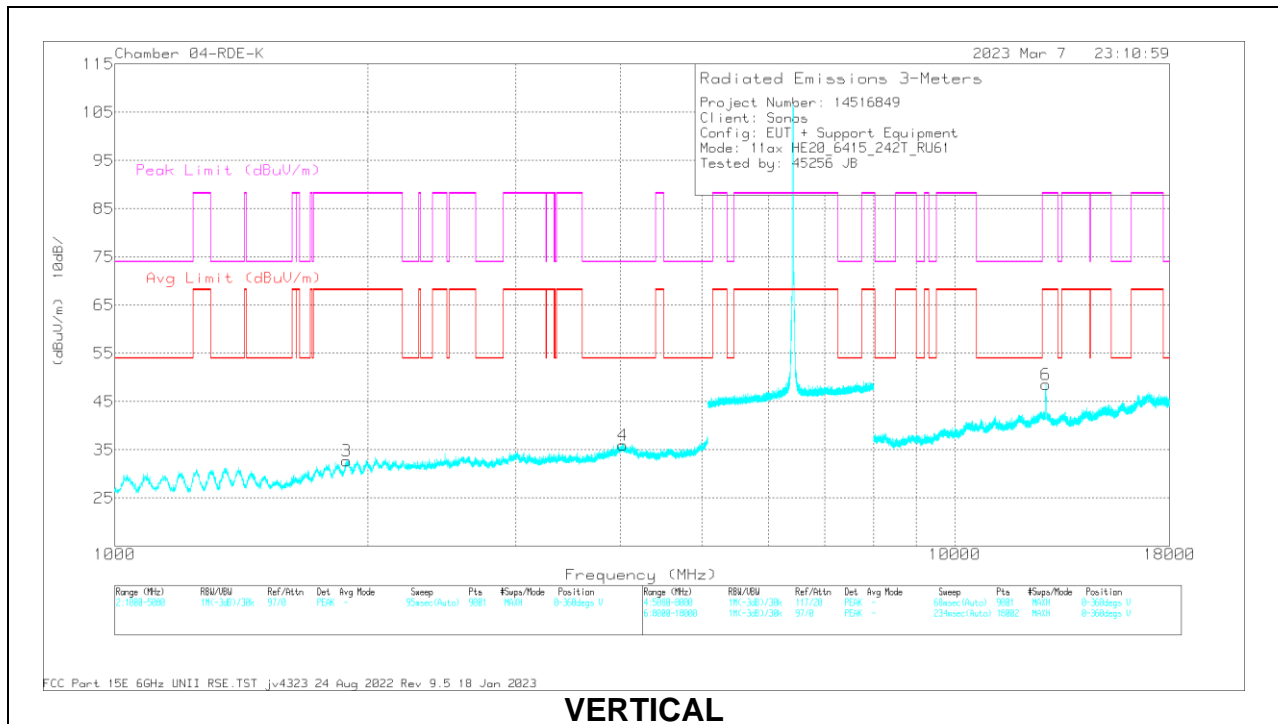
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 223083 ACF (dB) 3mH | Amp/Cbl/Filtr (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------------|--------------------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | 1891.312 | 57.73 | PK-U | 31.1 | -45.6 | 0 | 43.23 | - | - | 88.2 | -44.97 | 249 | 299 | H |
| | 1890.816 | 45.83 | ADR | 31 | -45.6 | 4.17 | 35.4 | 68.2 | -32.8 | - | - | 249 | 299 | H |
| 2 | * 4033.205 | 51.76 | PK-U | 35.2 | -41.6 | 0 | 45.36 | - | - | 74 | -28.64 | 358 | 235 | H |
| | * 4031.827 | 40.02 | ADR | 35.2 | -41.6 | 4.17 | 37.79 | 54 | -16.21 | - | - | 358 | 235 | H |
| 3 | 1887.329 | 56.64 | PK-U | 31 | -45.4 | 0 | 42.24 | - | - | 88.2 | -45.96 | 0 | 391 | V |
| | 1887.876 | 45.12 | ADR | 31 | -45.4 | 4.17 | 34.89 | 68.2 | -33.31 | - | - | 0 | 391 | V |
| 4 | * 4027.252 | 52.34 | PK-U | 35.2 | -41.7 | 0 | 45.84 | - | - | 74 | -28.16 | 323 | 127 | V |
| | * 4026.035 | 40.29 | ADR | 35.2 | -41.7 | 4.17 | 37.96 | 54 | -16.04 | - | - | 323 | 127 | V |
| 5 | 12830.295 | 53.12 | PK-U | 39.5 | -34.3 | 0 | 58.32 | - | - | 88.2 | -29.88 | 140 | 231 | H |
| | 12830.638 | 40.15 | ADR | 39.5 | -34.3 | 4.17 | 49.52 | 68.2 | -18.68 | - | - | 140 | 231 | H |
| 6 | 12837.18 | 51.35 | PK-U | 39.4 | -34.3 | 0 | 56.45 | - | - | 88.2 | -31.75 | 229 | 383 | V |
| | 12835.87 | 37.37 | ADR | 39.5 | -34.3 | 4.17 | 46.74 | 68.2 | -21.46 | - | - | 229 | 383 | V |

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

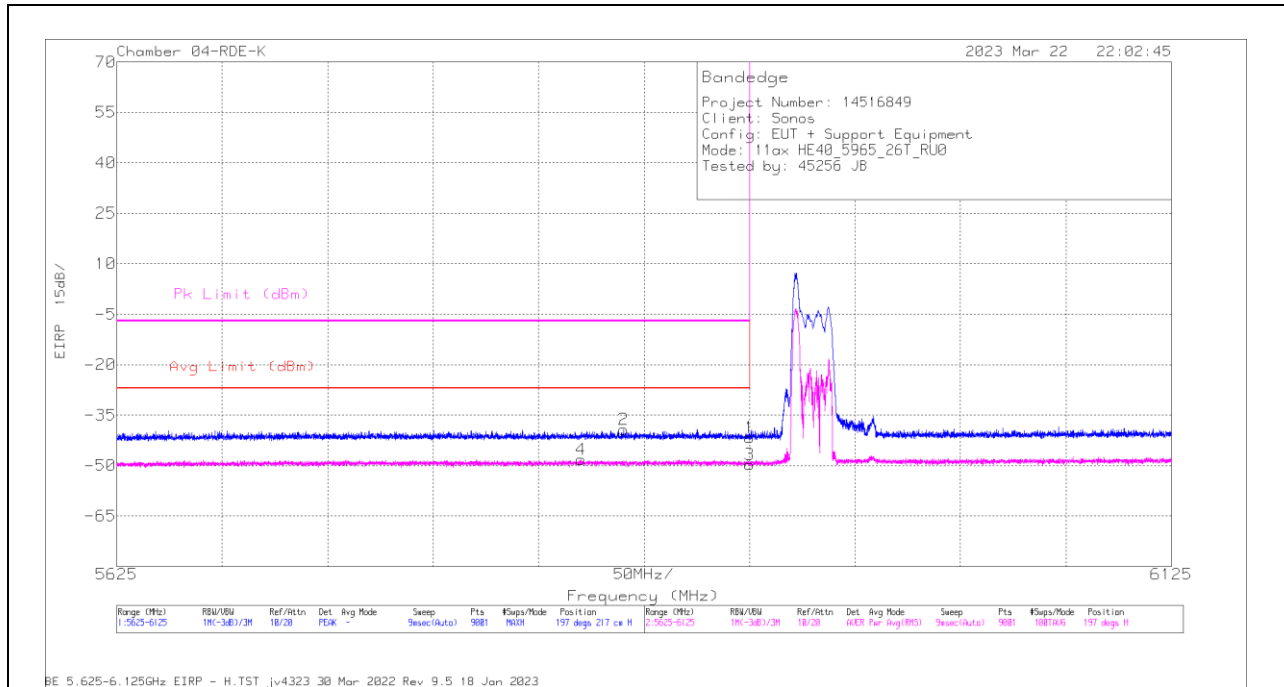
ADR - U-NII AD primary method, RMS average

10.1.2. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE UNII-5 BAND

2TX Antenna 1 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

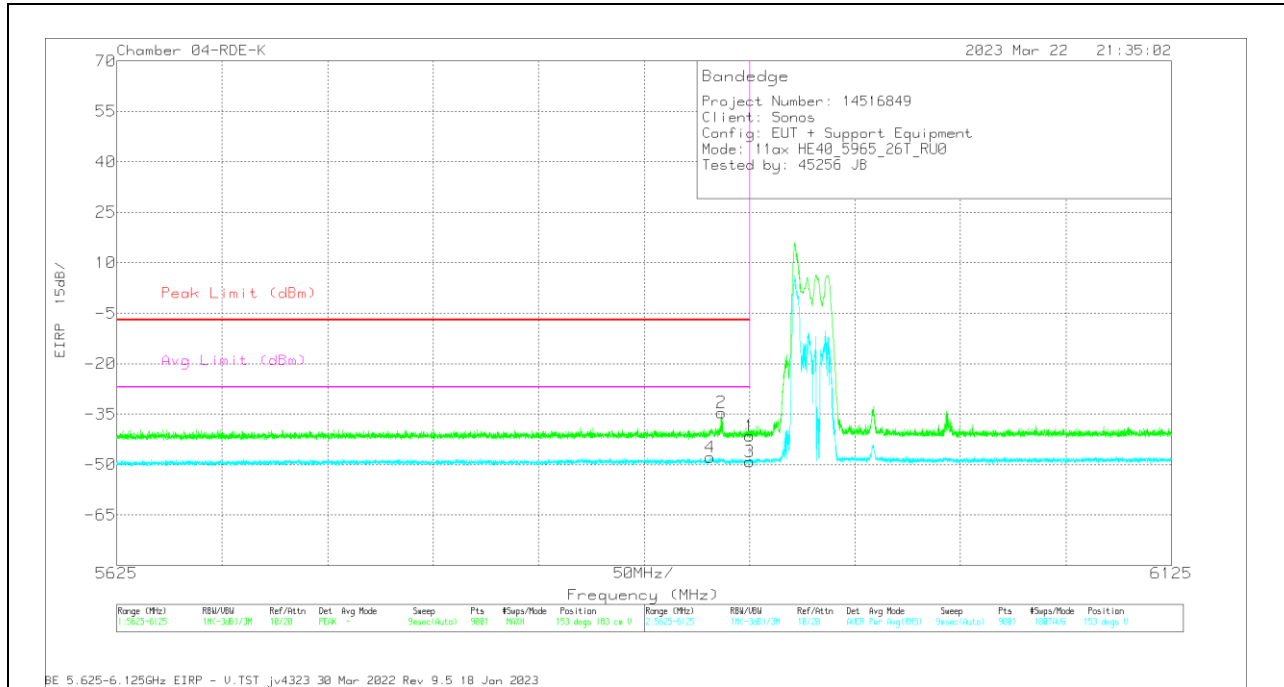


Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 223083 ACF (dB) 3mH | Amp/Cb/Pad (dB) | Conversion Factor (dB) | DCCF (dB) | Corrected Reading EIRP | Avg Limit (dBm) | RMS Margin (dB) | Pk Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------------|-----------------|------------------------|-----------|------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|----------|
| 1 | 5925 | -58.54 | Pk | 34.9 | -29.9 | 11.8 | 0 | -41.74 | - | - | -7 | -34.74 | 197 | 217 | H |
| 2 | 5865.28 | -55.97 | Pk | 34.8 | -29.9 | 11.8 | 0 | -39.27 | - | - | -7 | -32.27 | 197 | 217 | H |
| 3 | 5925 | -69.53 | RMS | 34.9 | -29.9 | 11.8 | 3.09 | -49.64 | -27 | -22.64 | - | - | 197 | 217 | H |
| 4 | 5845.002 | -67.96 | RMS | 34.8 | -29.9 | 11.8 | 3.09 | -48.17 | -27 | -21.17 | - | - | 197 | 217 | H |

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



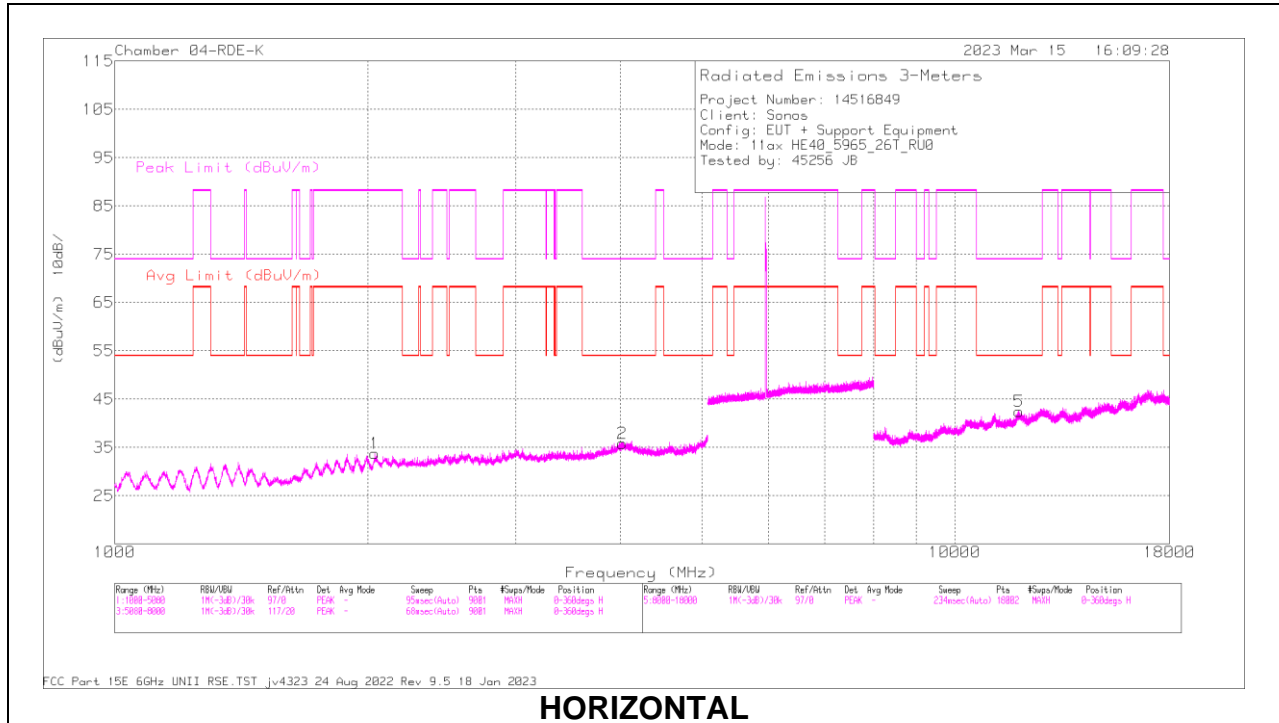
Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 223083 ACF (dB) 3mH | Amp/Cb/Pad (dB) | Conversion Factor (dB) | DCCF (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------------|-----------------|------------------------|-----------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1 | 5925 | -58.35 | Pk | 34.9 | -29.9 | 11.8 | 0 | -41.55 | -7 | -34.55 | - | - | 153 | 183 | V |
| 2 | 5911.613 | -51.42 | Pk | 34.9 | -29.8 | 11.8 | 0 | -34.52 | -7 | -27.52 | - | - | 153 | 183 | V |
| 3 | 5925 | -68.92 | RMS | 34.9 | -29.9 | 11.8 | 3.09 | -49.03 | - | - | -27 | -22.03 | 153 | 183 | V |
| 4 | 5906.391 | -67.7 | RMS | 34.9 | -29.9 | 11.8 | 3.09 | -47.81 | - | - | -27 | -20.81 | 153 | 183 | V |

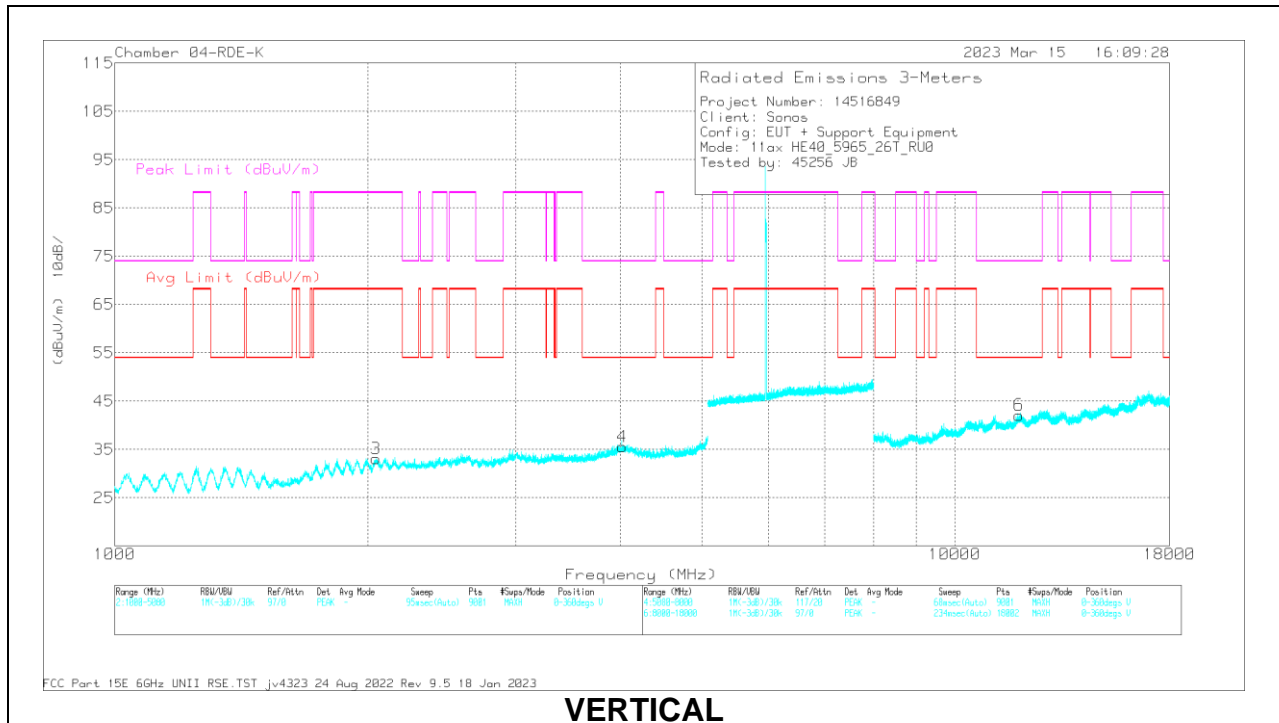
Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 223083 ACF (dB) 3mH | Amp/Cb/Filtr (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------------|-------------------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | 2035.303 | 56.64 | PK-U | 31.7 | -45.6 | 0 | 42.74 | - | - | 88.2 | -45.46 | 9 | 360 | H |
| | 2037.026 | 44.68 | ADR | 31.7 | -45.5 | 3.09 | 33.97 | 68.2 | -34.23 | - | - | 9 | 360 | H |
| 2 | * 4019.606 | 52.76 | PK-U | 35.2 | -41.7 | 0 | 46.26 | - | - | 74 | -27.74 | 269 | 358 | H |
| | * 4020.487 | 40.46 | ADR | 35.2 | -41.7 | 3.09 | 37.05 | 54 | -16.95 | - | - | 269 | 358 | H |
| 3 | 2049.53 | 57.04 | PK-U | 31.7 | -45.7 | 0 | 43.04 | - | - | 88.2 | -45.16 | 183 | 207 | V |
| | 2046.662 | 45.34 | ADR | 31.7 | -45.7 | 3.09 | 34.43 | 68.2 | -33.77 | - | - | 183 | 207 | V |
| 4 | * 4016.7 | 52.28 | PK-U | 35.2 | -41.7 | 0 | 45.78 | - | - | 74 | -28.22 | 156 | 198 | V |
| | * 4016.859 | 40.5 | ADR | 35.2 | -41.7 | 3.09 | 37.09 | 54 | -16.91 | - | - | 156 | 198 | V |
| 5 | * 11917.82 | 47.35 | PK-U | 38.5 | -34.7 | 0 | 51.15 | - | - | 74 | -22.85 | 169 | 269 | H |
| | * 11918.77 | 35.5 | ADR | 38.5 | -34.8 | 3.09 | 42.29 | 54 | -11.71 | - | - | 169 | 269 | H |
| 6 | * 11915.702 | 48.02 | PK-U | 38.5 | -34.7 | 0 | 51.82 | - | - | 74 | -22.18 | 352 | 266 | V |
| | * 11917.758 | 35.72 | ADR | 38.5 | -34.7 | 3.09 | 42.61 | 54 | -11.39 | - | - | 352 | 266 | V |

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

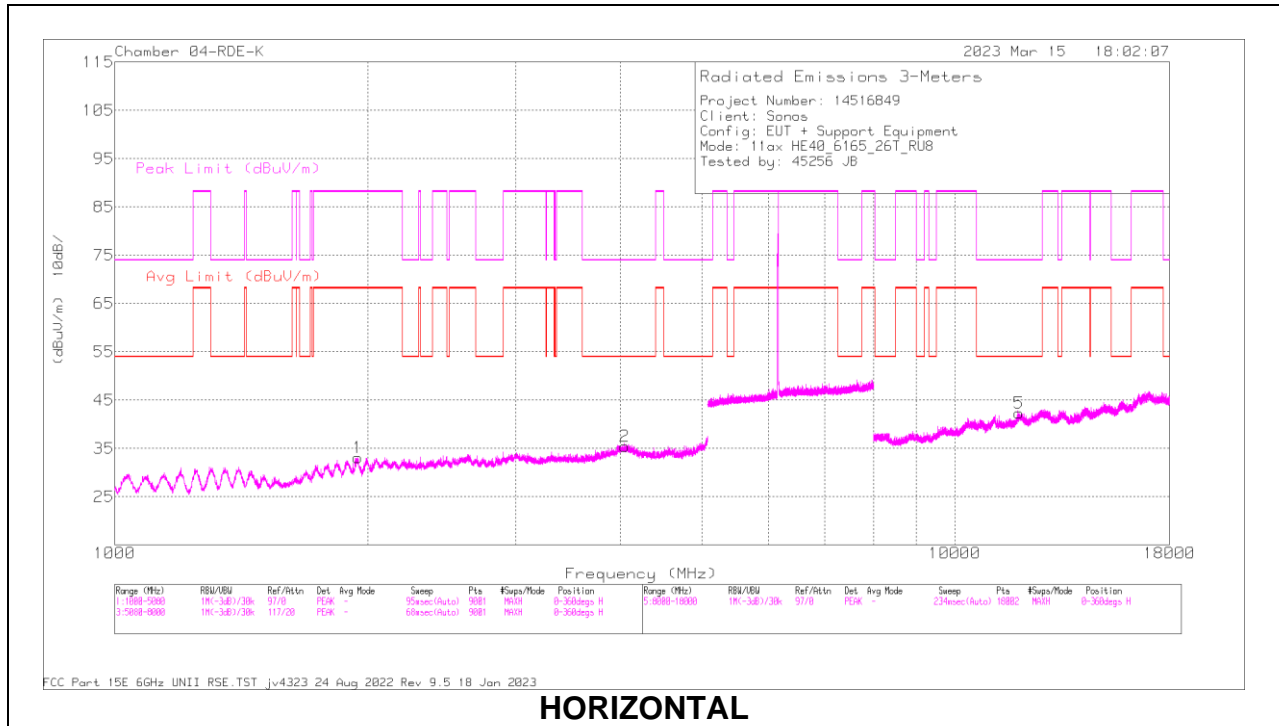
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

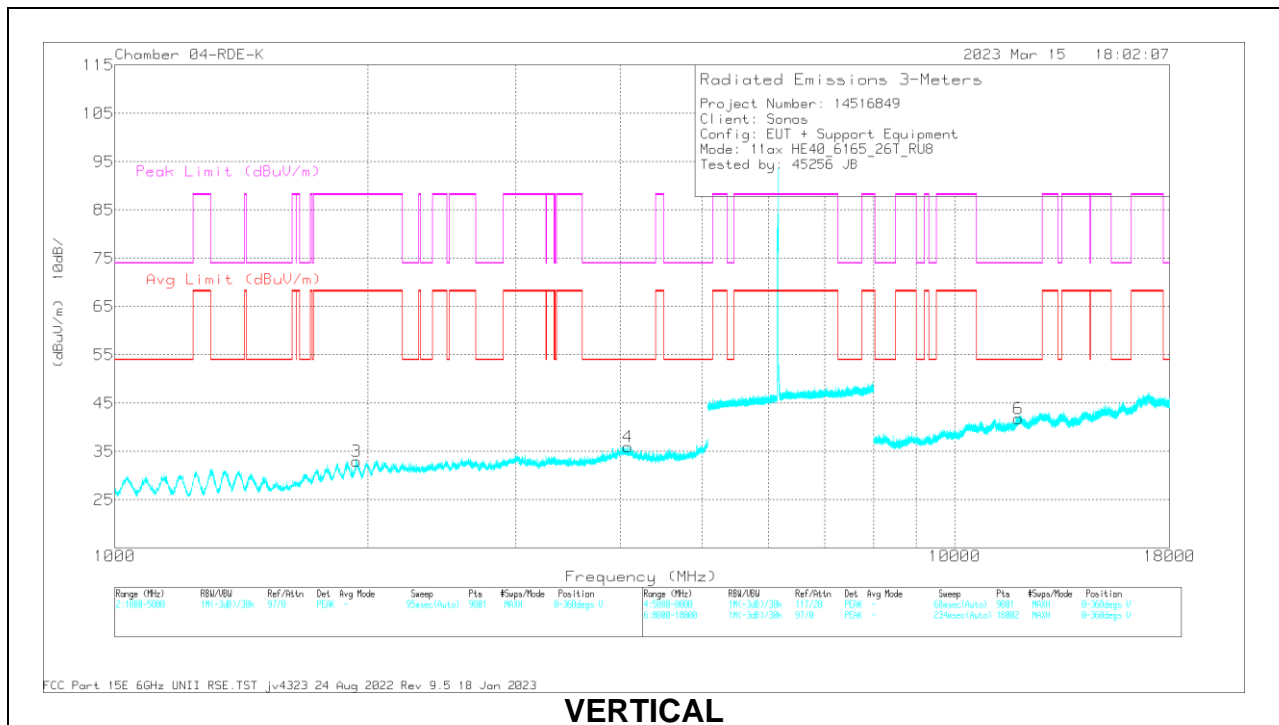
2TX Antenna 1 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 8

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 223083 ACF (dB) 3mH | Amp/Cb/Fitr (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------------|------------------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | 1948.104 | 56.81 | PK-U | 31.4 | -45.2 | 0 | 43.01 | - | - | 88.2 | -45.19 | 304 | 281 | H |
| | 1945.406 | 44.93 | ADR | 31.4 | -45.4 | 3.09 | 34.02 | 68.2 | -34.18 | - | - | 304 | 281 | H |
| 2 | * 4044.359 | 52.55 | PK-U | 35.2 | -41.7 | 0 | 46.05 | - | - | 74 | -27.95 | 132 | 134 | H |
| | * 4043.208 | 39.91 | ADR | 35.2 | -41.7 | 3.09 | 36.5 | 54 | -17.5 | - | - | 132 | 134 | H |
| 3 | 1939.65 | 56.75 | PK-U | 31.3 | -45.2 | 0 | 42.85 | - | - | 88.2 | -45.35 | 75 | 233 | V |
| | 1940.515 | 44.97 | ADR | 31.4 | -45.2 | 3.09 | 34.26 | 68.2 | -33.94 | - | - | 75 | 233 | V |
| 4 | * 4082.451 | 51.84 | PK-U | 35.1 | -41.7 | 0 | 45.24 | - | - | 74 | -28.76 | 94 | 311 | V |
| | * 4084.108 | 40.17 | ADR | 35.1 | -41.7 | 3.09 | 36.66 | 54 | -17.34 | - | - | 94 | 311 | V |
| 5 | * 11914.62 | 47.08 | PK-U | 38.5 | -34.8 | 0 | 50.78 | - | - | 74 | -23.22 | 267 | 335 | H |
| | * 11916.335 | 35.58 | ADR | 38.5 | -34.8 | 3.09 | 42.37 | 54 | -11.63 | - | - | 267 | 335 | H |
| 6 | * 11900.441 | 48.13 | PK-U | 38.5 | -34.8 | 0 | 51.83 | - | - | 74 | -22.17 | 20 | 267 | V |
| | * 11899.301 | 35.73 | ADR | 38.5 | -34.8 | 3.09 | 42.52 | 54 | -11.48 | - | - | 20 | 267 | V |

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

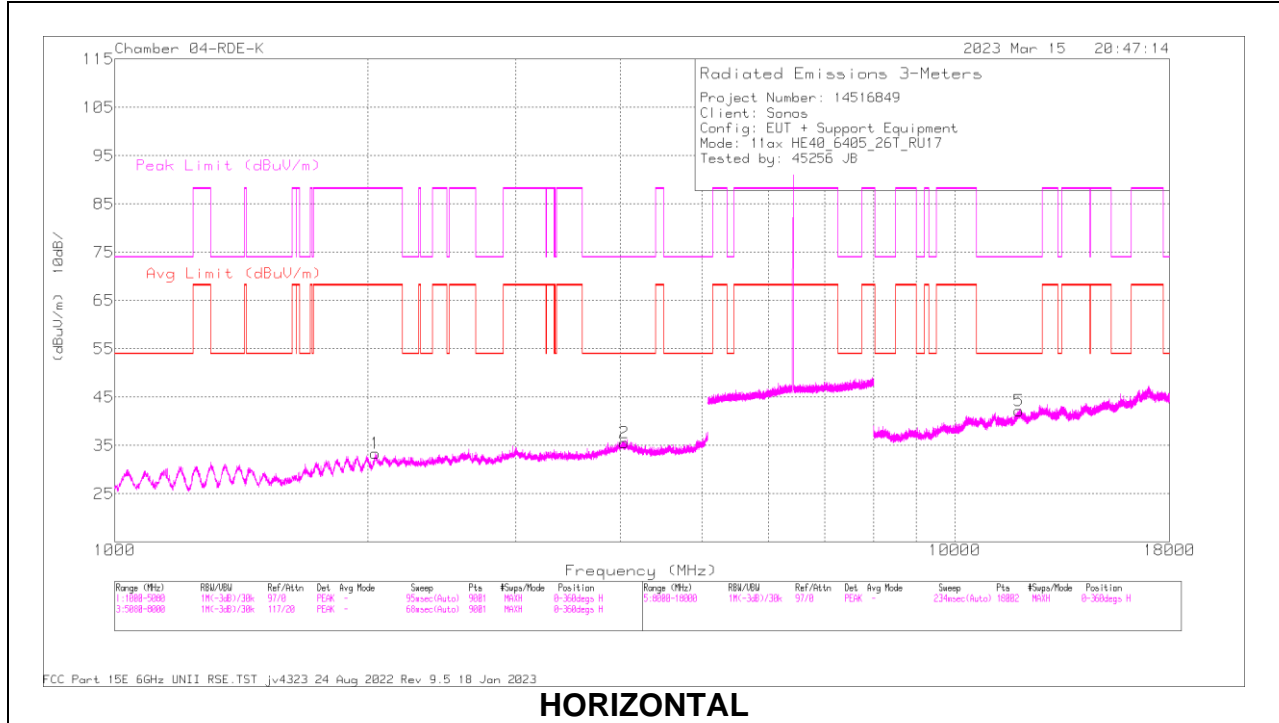
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

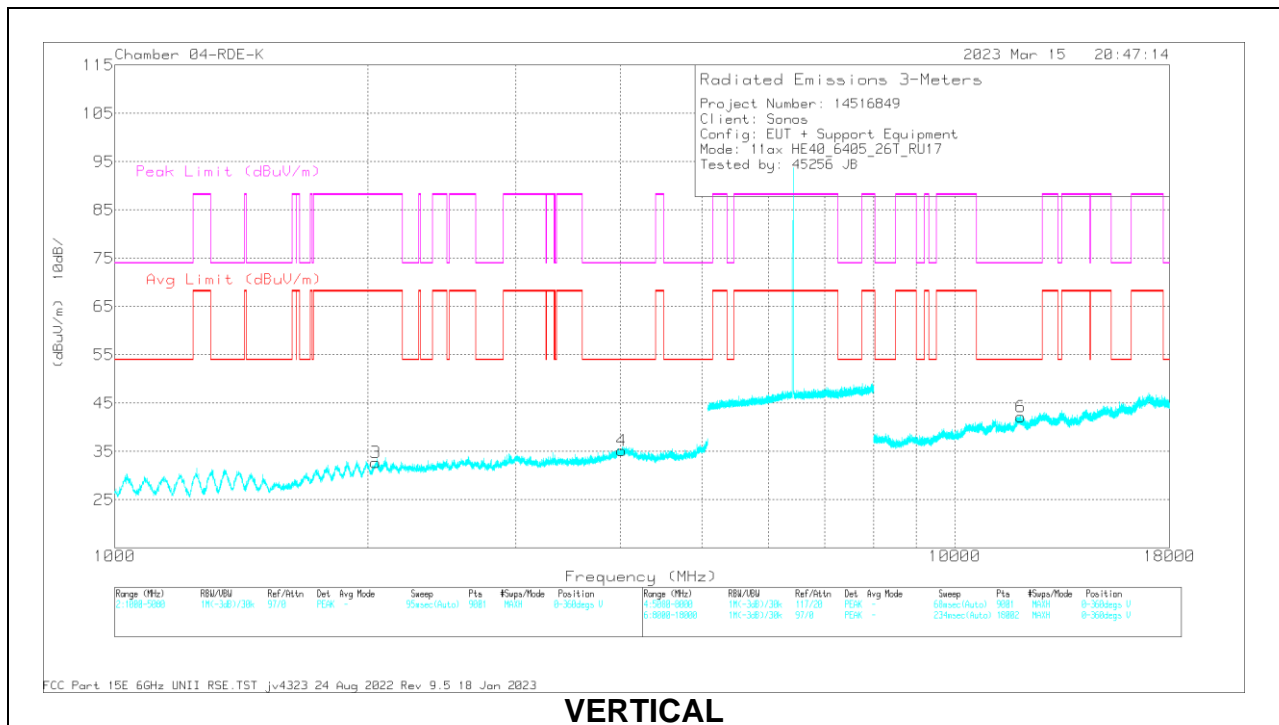
2TX Antenna 1 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 17

HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 223083 ACF (dB) 3mH | Amp/Cb/Fitr (dB) | DCCF (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|---------------------|------------------|-----------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1 | 2043.697 | 56.81 | PK-U | 31.7 | -45.6 | 0 | 42.91 | - | - | 88.2 | -45.29 | 351 | 241 | H |
| | 2042.001 | 45.38 | ADR | 31.7 | -45.7 | 3.09 | 34.47 | 68.2 | -33.73 | - | - | 351 | 241 | H |
| 2 | * 4034.287 | 52.28 | PK-U | 35.2 | -41.7 | 0 | 45.78 | - | - | 74 | -28.22 | 262 | 322 | H |
| | * 4036.821 | 40.18 | ADR | 35.2 | -41.6 | 3.09 | 36.87 | 54 | -17.13 | - | - | 262 | 322 | H |
| 3 | 2045.771 | 57.26 | PK-U | 31.7 | -45.7 | 0 | 43.26 | - | - | 88.2 | -44.94 | 158 | 246 | V |
| | 2048.436 | 45.14 | ADR | 31.7 | -45.8 | 3.09 | 34.13 | 68.2 | -34.07 | - | - | 158 | 246 | V |
| 4 | * 4009.597 | 51.99 | PK-U | 35.2 | -41.6 | 0 | 45.59 | - | - | 74 | -28.41 | 126 | 174 | V |
| | * 4012.888 | 40.21 | ADR | 35.2 | -41.6 | 3.09 | 36.9 | 54 | -17.1 | - | - | 126 | 174 | V |
| 5 | * 11912.553 | 48.31 | PK-U | 38.5 | -34.7 | 0 | 52.11 | - | - | 74 | -21.89 | 124 | 170 | H |
| | * 11912.739 | 35.52 | ADR | 38.5 | -34.7 | 3.09 | 42.41 | 54 | -11.59 | - | - | 124 | 170 | H |
| 6 | * 11979.768 | 48.14 | PK-U | 38.6 | -34.4 | 0 | 52.34 | - | - | 74 | -21.66 | 360 | 327 | V |
| | * 11980.834 | 35.6 | ADR | 38.6 | -34.3 | 3.09 | 42.99 | 54 | -11.01 | - | - | 360 | 327 | V |

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

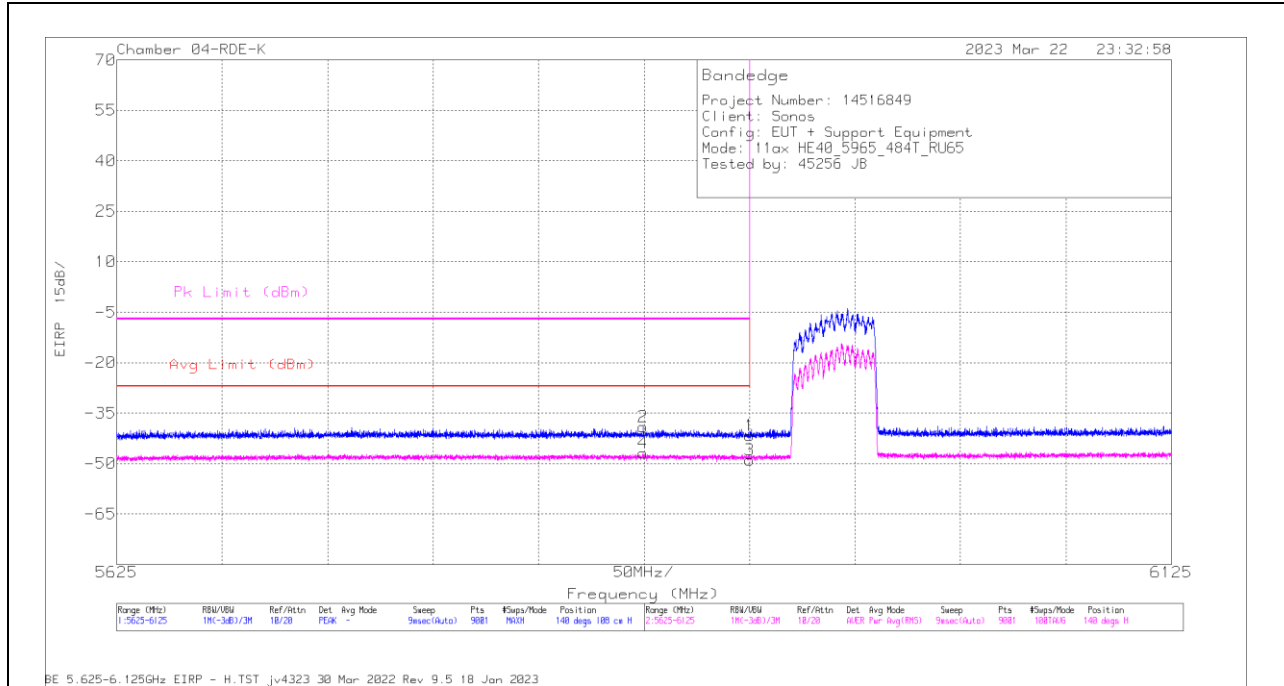
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Antenna 1 + Antenna 4 OFDMA MODE: 484-Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

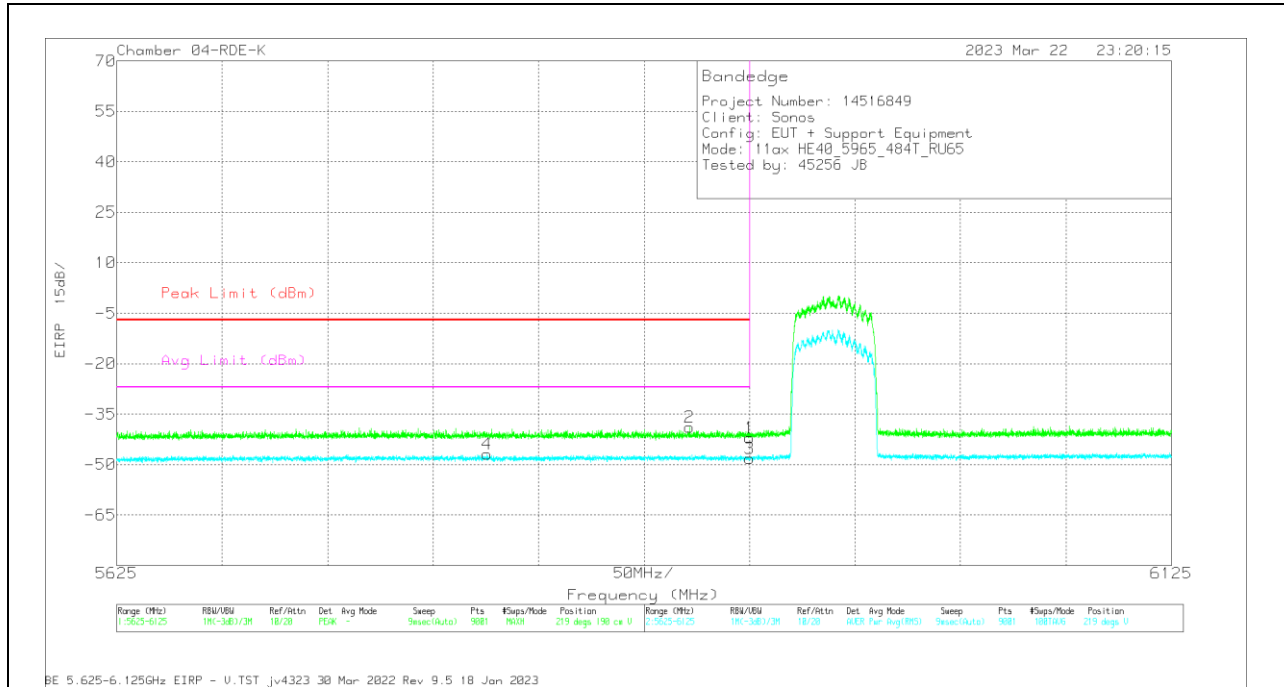


Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 223083 ACF (dB) 3mH | Amp/Cb/Pad (dB) | Conversion Factor (dB) | DCCF (dB) | Corrected Reading EIRP | Avg Limit (dBm) | RMS Margin (dB) | Pk Limit (dBm) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------------|-----------------|------------------------|-----------|------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|----------|
| 1 | 5925 | -58.54 | Pk | 34.9 | -29.9 | 11.8 | 0 | -41.74 | - | - | -7 | -34.74 | 140 | 108 | H |
| 2 | 5874.669 | -55.79 | Pk | 34.8 | -29.9 | 11.8 | 0 | -39.09 | - | - | -7 | -32.09 | 140 | 108 | H |
| 3 | 5925 | -69.9 | RMS | 34.9 | -29.9 | 11.8 | 4.24 | -48.86 | -27 | -21.86 | - | - | 140 | 108 | H |
| 4 | 5874.391 | -67.89 | RMS | 34.8 | -29.9 | 11.8 | 4.24 | -46.95 | -27 | -19.95 | - | - | 140 | 108 | H |

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



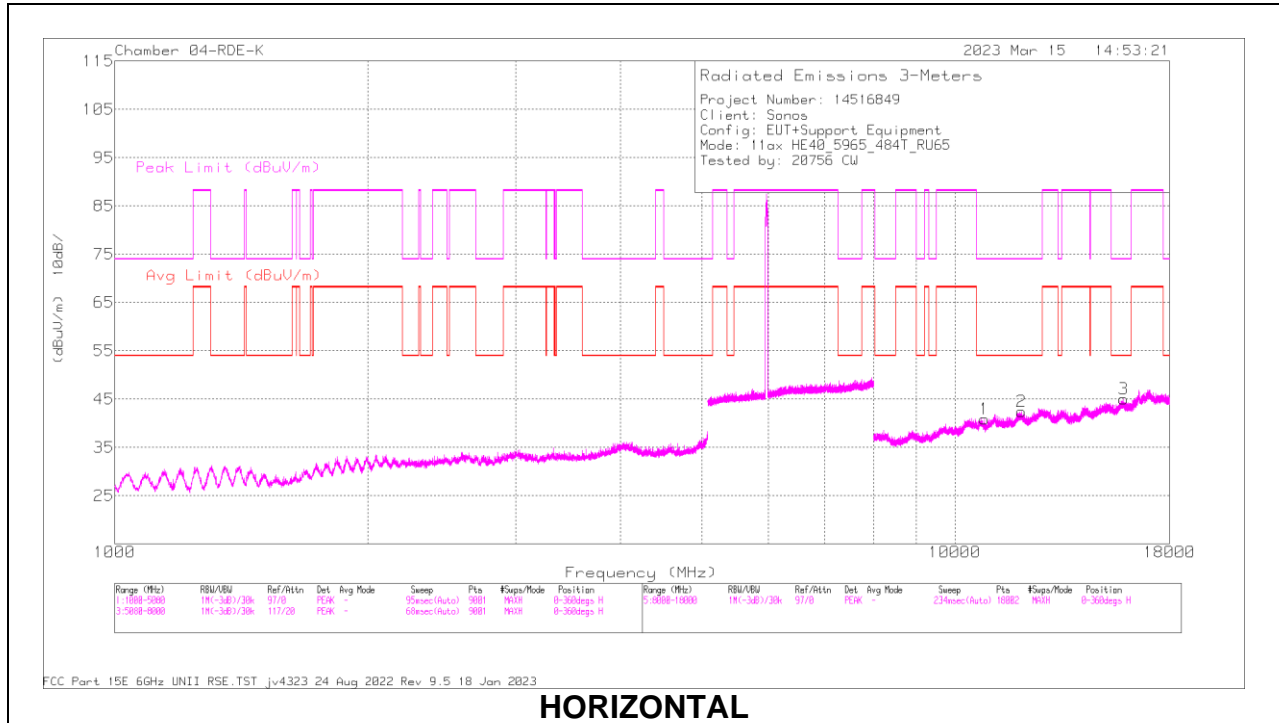
Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBm) | Det | 223083 ACF (dB) 3mH | Amp/Cbl/Pad (dB) | Conversion Factor (dB) | DCCF (dB) | Corrected Reading EIRP | Peak Limit (dBm) | PK Margin (dB) | Avg Limit (dBm) | RMS Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------------|------------------|------------------------|-----------|------------------------|------------------|----------------|-----------------|-----------------|----------------|-------------|----------|
| 1 | 5925 | -58.78 | Pk | 34.9 | -29.9 | 11.8 | 0 | -41.98 | -7 | -34.98 | - | - | 219 | 190 | V |
| 2 | 5896.613 | -55.72 | Pk | 34.9 | -29.9 | 11.8 | 0 | -38.92 | -7 | -31.92 | - | - | 219 | 190 | V |
| 3 | 5925 | -69.27 | RMS | 34.9 | -29.9 | 11.8 | 4.24 | -48.23 | - | - | -27 | -21.23 | 219 | 190 | V |
| 4 | 5800.501 | -67.85 | RMS | 34.8 | -29.9 | 11.8 | 4.24 | -46.91 | - | - | -27 | -19.91 | 219 | 190 | V |

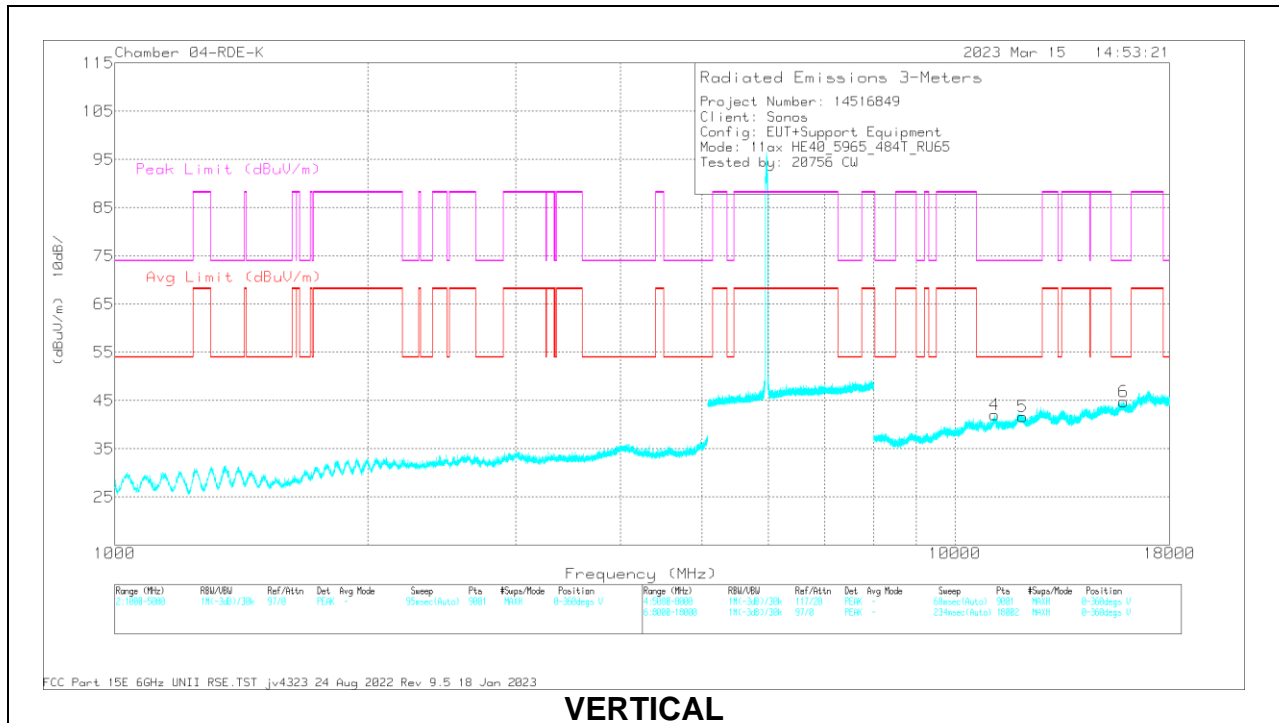
Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL