



# **TEST REPORT**

**Report Number:** 14040866-E5V4 & E6V4

**Applicant :** APPLE, INC.  
1 APPLE PARK WAY  
CUPERTINO, CA 95014, U.S.A.

**Model :** A2651 (Parent Model, Full Test)  
A2893, A2894, A2895, A2896 (Variant Models)

**FCC ID :** BCG-E8141A (Parent Model)  
BCG-E8154A, BCG-E8155A, BCG-E8156A (Variant Models)

**IC :** 579C-E8141A (Parent Model)  
579C-E8154A, 579C-E8155A, 579C-E8156A (Variant Models)

**EUT Description :** SMARTPHONE

**Test Standard(s) :** FCC 47 CFR PART 15 SUBPART E  
ISED RSS-247 ISSUE 2  
ISED RSS-GEN ISSUE 5 + A1 + A2

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**REPORT REVISION HISTORY**

| Rev. | Issue Date | Revisions                                                | Revised By         |
|------|------------|----------------------------------------------------------|--------------------|
| V1   | 7/21/2022  | Initial Issue                                            | Chin Pang          |
| V2   | 7/29/2022  | Address TCB's questions on BE looks 1TX but is MIMO mode | Chin Pang          |
|      |            | Address TCB's questions on page 421-425, page 462-463    | Chin Pang          |
| V3   | 8/08/2022  | Address TCB Feedback on radaiated plot labels            | Francisco Guarnero |
| V4   | 8/09/2022  | Address TCB Feedback on 5.3GHz RSE plots                 | Francisco Guarnero |

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# 1. RADIATED TEST RESULTS

## LIMITS

FCC §15.205 and §15.209 -Restricted bands

FCC §15.407(b)(1-3) -Un-Restricted bands

RSS 247 Issue 2 Sections

6.2.1.2 (for 5150-5250 MHz band)

6.2.2.2 (for 5250-5350 MHz band)

6.2.3.2 (for 5470-5600 MHz and 5650-5725 MHz bands)

6.2.4.2 (for 5725-5850 MHz band)

| 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 and 1.5 meters 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 in the 30-1000MHz range, 9kHz for peak and/or quasi-peak detection measurements in the 0.15-30MHz range and 200Hz for peak and/or quasi-peak detection measurements in the 9 to 150kHz range. Peak detection is used unless otherwise noted as quasi-peak or average (9-90kHz and 110-490kHz).

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 5 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.

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 report in the table) using 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.

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

Base 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.

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

### **RESULTS**

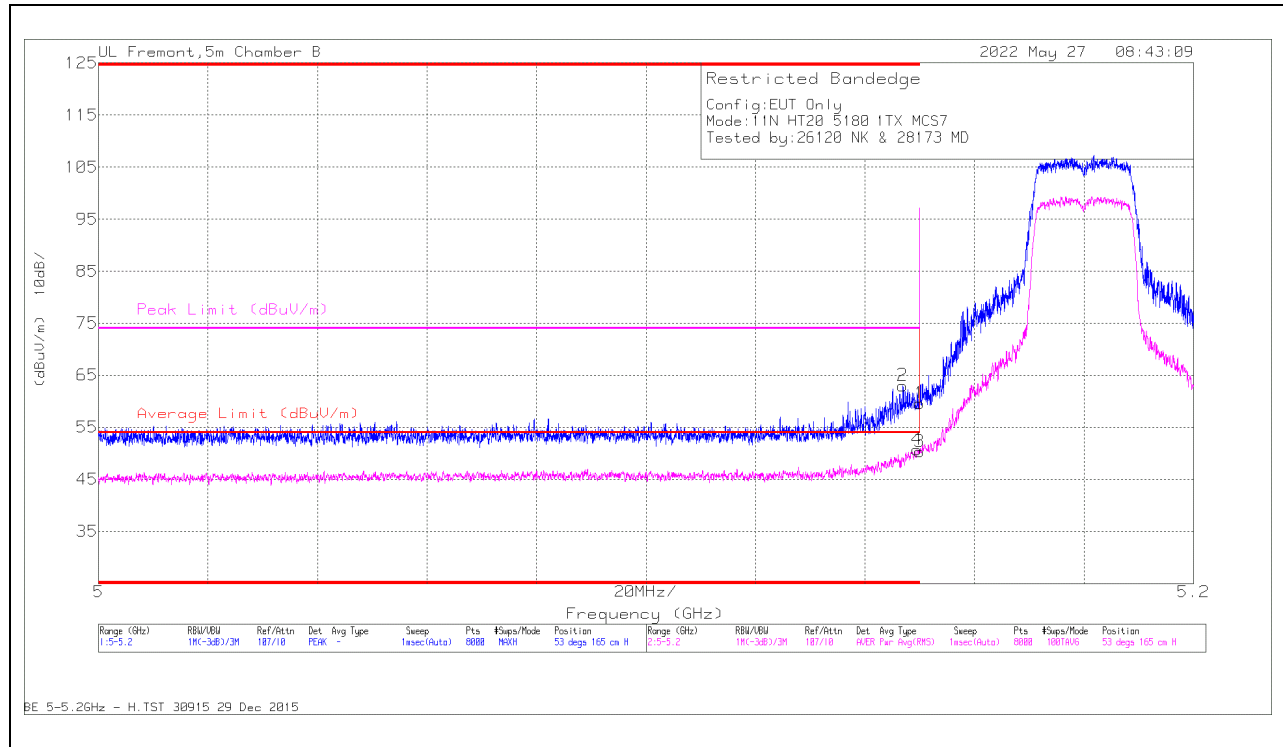
## 1.1. TRANSMITTER ABOVE 1 GHz

### 1.1.1. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.2 GHz BAND

#### 1TX Antenna 6 MODE

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT

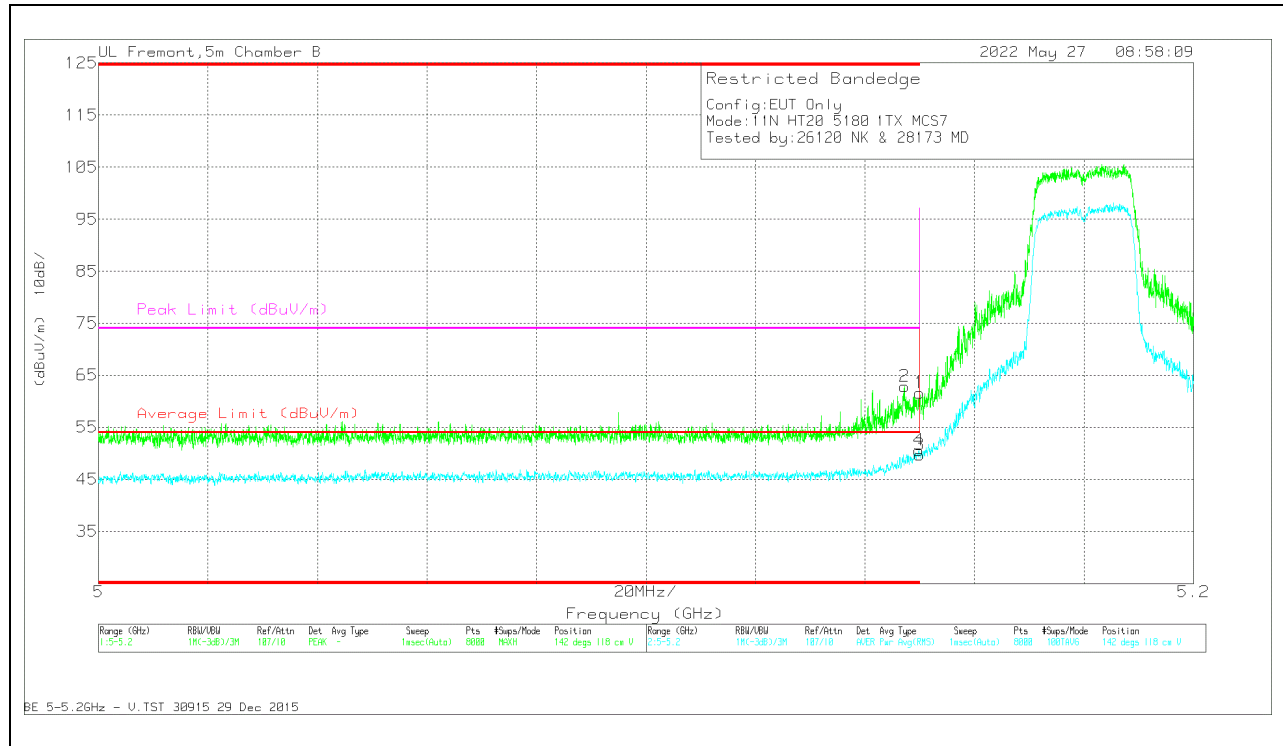


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 81886 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 45.86                | Pk  | 34.2            | -20.5                 | 0            | 59.56                      | -                      | -           | 74                  | -14.44         | 53             | 165         | H        |
| 2      | * 5.146918      | 49.34                | Pk  | 34.2            | -20.5                 | 0            | 63.04                      | -                      | -           | 74                  | -10.96         | 53             | 165         | H        |
| 3      | * 5.15          | 36.21                | RMS | 34.2            | -20.5                 | .6           | 50.51                      | 54                     | -3.498      | -                   | -              | 53             | 165         | H        |
| 4      | * 5.149518      | 36.58                | RMS | 34.2            | -20.5                 | .6           | 50.88                      | 54                     | -3.12       | -                   | -              | 53             | 165         | H        |

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

Pk - Peak detector

RMS - RMS detection

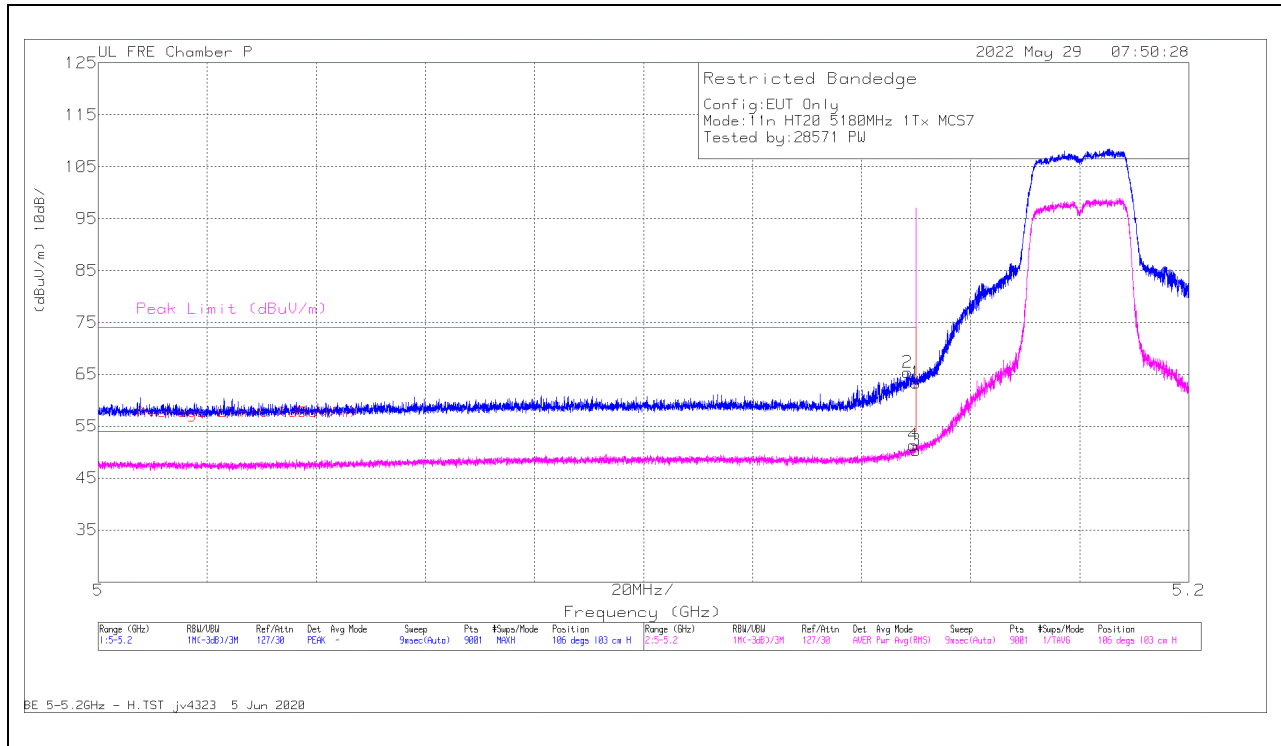
**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 81886 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 47.94                | Pk  | 34.2            | -20.5                  | 0            | 61.64                      | -                      | -           | 74                  | -12.36         | 142            | 118         | V        |
| 2      | * 5.147193      | 49.2                 | Pk  | 34.2            | -20.5                  | 0            | 62.9                       | -                      | -           | 74                  | -11.1          | 142            | 118         | V        |
| 3      | * 5.15          | 35.6                 | RMS | 34.2            | -20.5                  | .6           | 49.90                      | 54                     | -4.10       | -                   | -              | 142            | 118         | V        |
| 4      | * 5.149843      | 36.51                | RMS | 34.2            | -20.5                  | .6           | 50.81                      | 54                     | -3.19       | -                   | -              | 142            | 118         | V        |

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

Pk - Peak detector

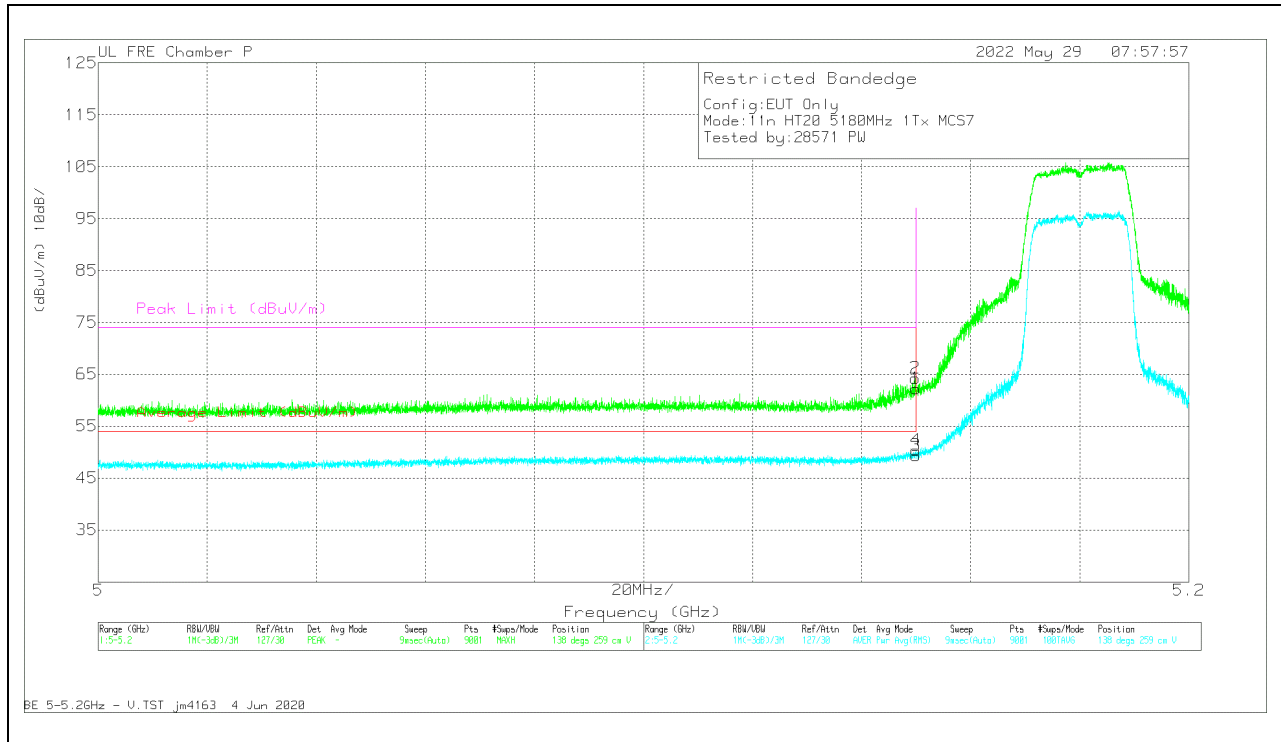
RMS - RMS detection

**1TX Antenna 5 MODE****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 41112 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.15            | 59.09                | Pk  | 34.4            | -30.1                  | 0            | 63.39                      | -                      | -           | 74                  | -10.61         | 106            | 103         | H        |
| 2      | 5.148465        | 60.98                | Pk  | 34.4            | -30                    | 0            | 65.38                      | -                      | -           | 74                  | -8.62          | 106            | 103         | H        |
| 3      | 5.15            | 45.66                | RMS | 34.4            | -30.1                  | .6           | 50.56                      | 54                     | -3.44       | -                   | -              | 106            | 103         | H        |
| 4      | 5.149487        | 46.58                | RMS | 34.4            | -30                    | .6           | 51.58                      | 54                     | -2.42       | -                   | -              | 106            | 103         | H        |

Pk - Peak detector

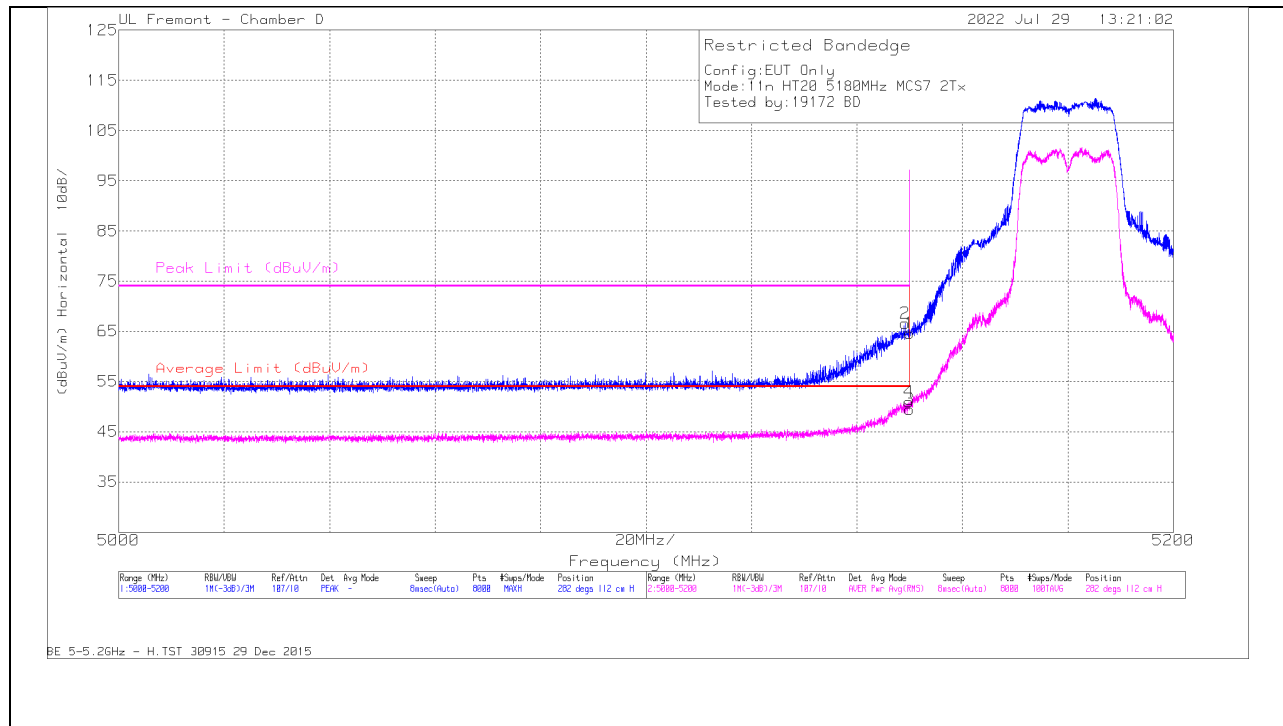
RMS - RMS detection

**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 41112 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.15            | 57.95                | Pk  | 34.4            | -30.1                 | 0            | 62.25                      | -                      | -           | 74                  | -11.75         | 138            | 259         | V        |
| 2      | 5.149865        | 59.91                | Pk  | 34.4            | -30.1                 | 0            | 64.21                      | -                      | -           | 74                  | -9.79          | 138            | 259         | V        |
| 3      | 5.15            | 44.6                 | RMS | 34.4            | -30.1                 | .6           | 49.5                       | 54                     | -4.5        | -                   | -              | 138            | 259         | V        |
| 4      | 5.149976        | 45.59                | RMS | 34.4            | -30.1                 | .6           | 50.49                      | 54                     | -3.51       | -                   | -              | 138            | 259         | V        |

Pk - Peak detector

RMS - RMS detection

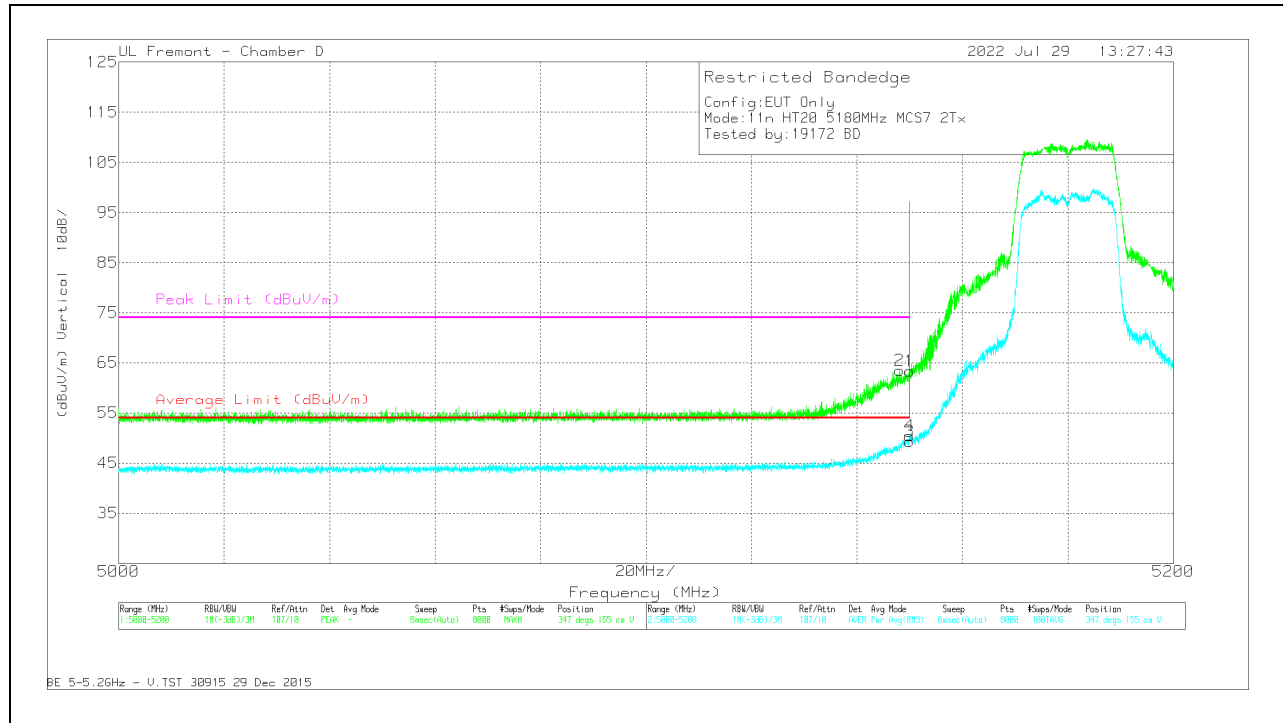
**2TX Antenna 6 + Antenna 5 CDD MODE****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200786 ACF (dB/m) | Amp/Cb I/Filt/Pa d (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|-------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5150          | 47.86                | Pk  | 34.9              | -18.2                   | 0            | 64.56                      | -                      | -           | 74                  | -9.44          | 282            | 112         | H        |
| 2      | * 5149.143      | 49.94                | Pk  | 34.9              | -18.2                   | 0            | 66.64                      | -                      | -           | 74                  | -7.36          | 282            | 112         | H        |
| 3      | * 5150          | 32.14                | RMS | 34.9              | -18.2                   | .6           | 49.44                      | 54                     | -4.56       | -                   | -              | 282            | 112         | H        |
| 4      | * 5149.893      | 33.65                | RMS | 34.9              | -18.2                   | .6           | 50.95                      | 54                     | -3.05       | -                   | -              | 282            | 112         | H        |

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

Pk - Peak detector  
RMS - RMS detection

Pk - Peak detector  
RMS - RMS detection

**VERTICAL RESULT**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200786 ACF (dB/m) | Amp/Cb I/Fitr/Pa d (dB) | DC Corr (dB) | Correct ed Readin g (dBuV/ m) | Averag e Limit (dBuV/ m) | Margin (dB) | Peak Limit (dBuV/ m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|-------------------------|--------------|-------------------------------|--------------------------|-------------|----------------------|----------------|----------------|-------------|----------|
| 1      | * 5150          | 46.65                | Pk  | 34.9              | -18.2                   | 0            | 63.35                         | -                        | -           | 74                   | -10.65         | 347            | 155         | V        |
| 2      | * 5148.118      | 46.79                | Pk  | 34.9              | -18.2                   | 0            | 63.49                         | -                        | -           | 74                   | -10.51         | 347            | 155         | V        |
| 3      | * 5150          | 32                   | RMS | 34.9              | -18.2                   | .6           | 49.3                          | 54                       | -4.7        | -                    | -              | 347            | 155         | V        |
| 4      | * 5149.943      | 33.2                 | RMS | 34.9              | -18.2                   | .6           | 50.5                          | 54                       | -3.5        | -                    | -              | 347            | 155         | V        |

Pk - Peak detector

RMS - RMS detection



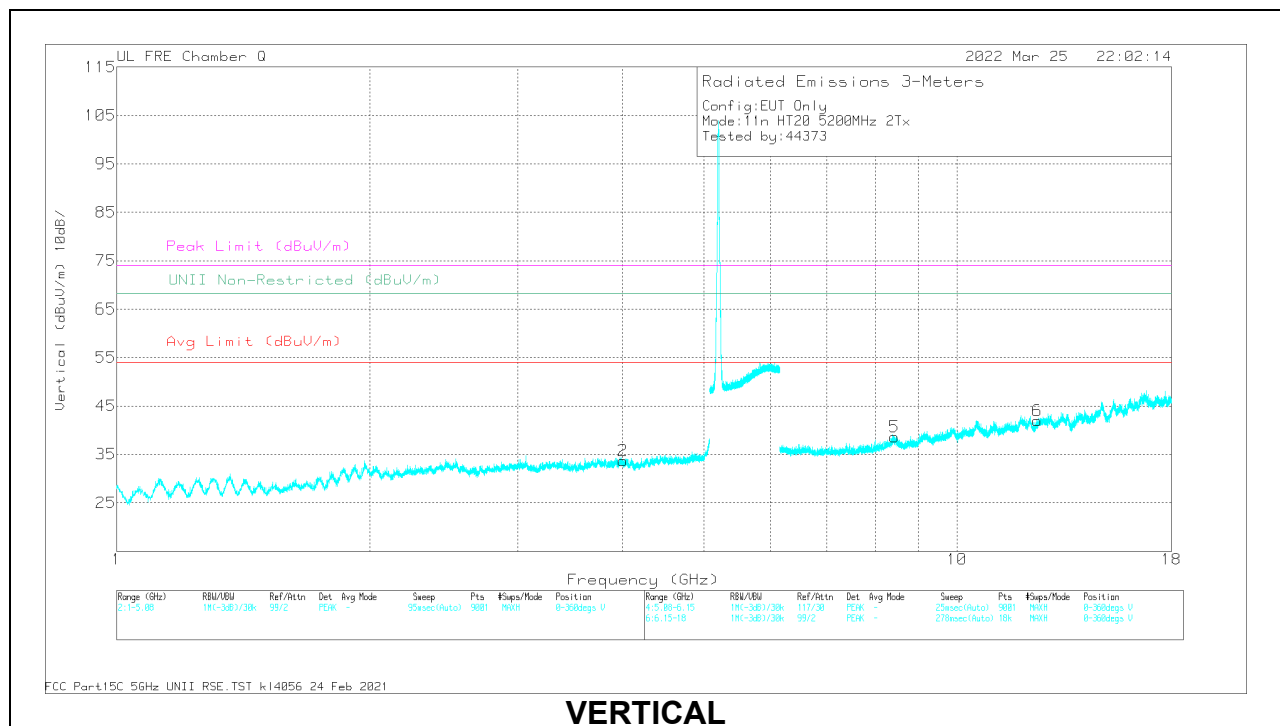
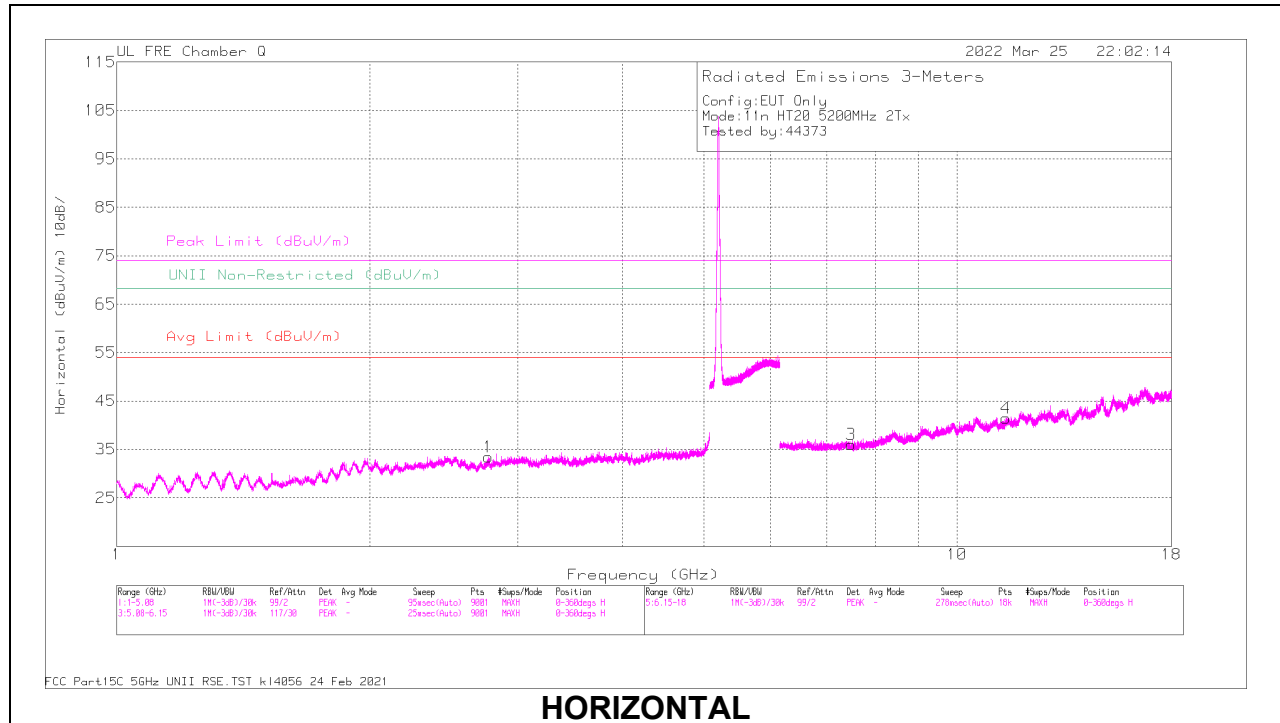
**RADIATED EMISSIONS**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF 200895 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 2.276174      | 55                   | PK-U | 31.8             | -44.3                  | 0            | 42.5                       | -                  | -           | 74                  | -31.5          | -                            | -              | 121            | 242         | H        |
|        | * 2.27419       | 43.16                | ADR  | 31.8             | -44.2                  | 0.14         | 30.9                       | 54                 | -23.1       | -                   | -              | -                            | -              | 121            | 242         | H        |
| 2      | * 3.532245      | 50.95                | PK-U | 33               | -41.1                  | 0            | 42.85                      | -                  | -           | 74                  | -31.15         | -                            | -              | 344            | 192         | V        |
|        | * 3.534826      | 39.28                | ADR  | 33               | -41.1                  | 0.14         | 31.32                      | 54                 | -22.68      | -                   | -              | -                            | -              | 344            | 192         | V        |
| 3      | * 8.467094      | 47.85                | PK-U | 35.9             | -35.8                  | 0            | 47.95                      | -                  | -           | 74                  | -26.05         | -                            | -              | 12             | 112         | H        |
|        | * 8.466888      | 36.74                | ADR  | 35.9             | -35.8                  | 0.14         | 36.98                      | 54                 | -17.02      | -                   | -              | -                            | -              | 12             | 112         | H        |
| 4      | 12.815463       | 46.88                | PK-U | 39.4             | -34.2                  | 0            | 52.08                      | -                  | -           | -                   | -              | 68.2                         | -16.12         | 92             | 182         | H        |
| 5      | * 7.417822      | 47.73                | PK-U | 35.7             | -37.4                  | 0            | 46.03                      | -                  | -           | 74                  | -27.97         | -                            | -              | 98             | 146         | V        |
|        | * 7.416046      | 36.28                | ADR  | 35.7             | -37.4                  | 0.14         | 34.72                      | 54                 | -19.28      | -                   | -              | -                            | -              | 98             | 146         | V        |
| 6      | * 10.809557     | 46.58                | PK-U | 37.8             | -34.3                  | 0            | 50.08                      | -                  | -           | 74                  | -23.92         | -                            | -              | 310            | 183         | V        |
|        | * 10.811355     | 34.97                | ADR  | 37.8             | -34.3                  | 0.14         | 38.61                      | 54                 | -15.39      | -                   | -              | -                            | -              | 310            | 183         | 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 RESULTS**

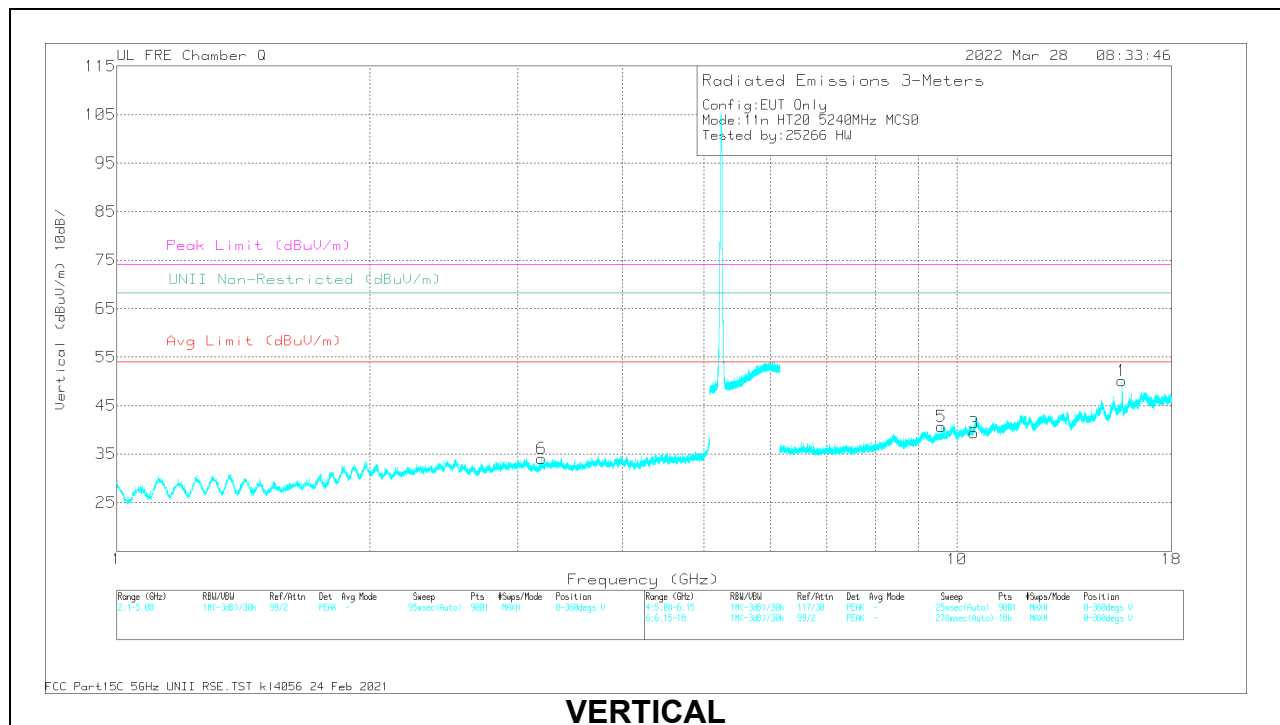
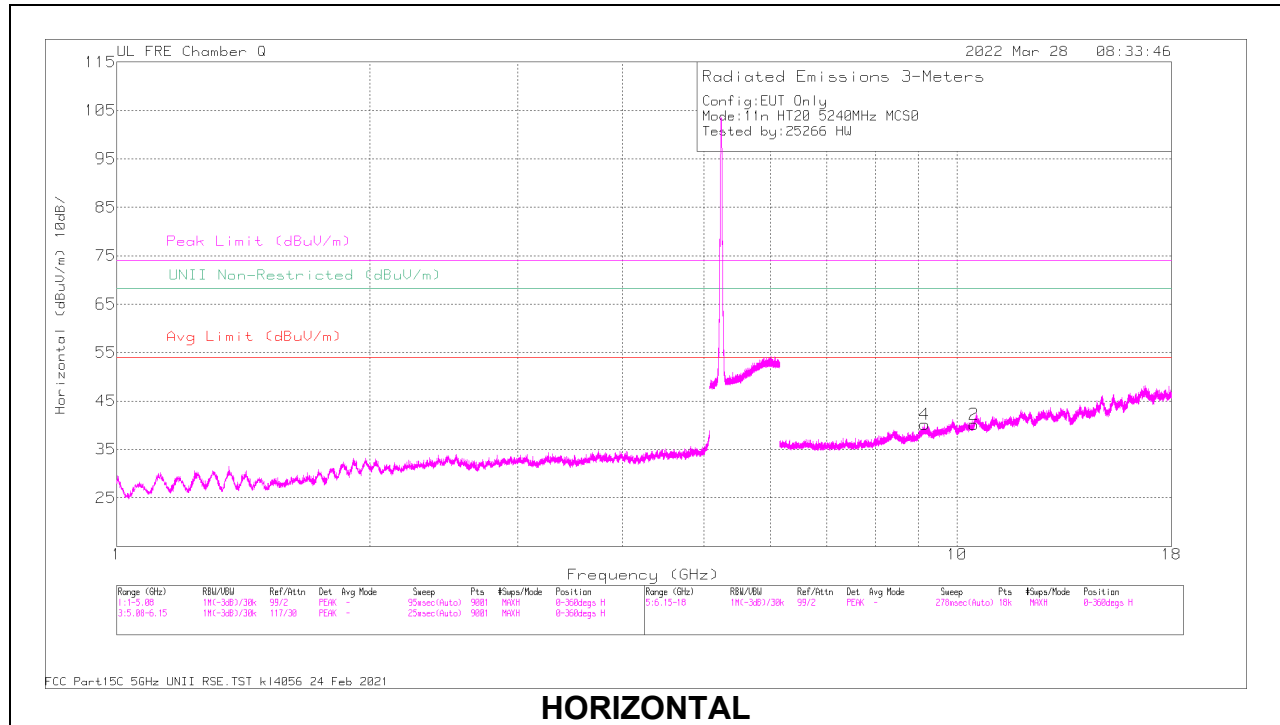
**RADIATED EMISSIONS**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF 200895 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|-----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.765746      | 54.35                | PK-U | 32.1             | -43.6                 | 0            | 42.85                      | -                  | -           | 74                  | -31.15         | 80             | 175         | H        |
|        | * 2.766245      | 42.95                | ADR  | 32.1             | -43.6                 | 0.14         | 31.59                      | 54                 | -22.41      | -                   | -              | 80             | 175         | H        |
| 2      | * 4.0074        | 50.96                | PK-U | 33.4             | -40.7                 | 0            | 43.66                      | -                  | -           | 74                  | -30.34         | 273            | 182         | V        |
|        | * 4.006071      | 39.27                | ADR  | 33.4             | -40.7                 | 0.14         | 32.11                      | 54                 | -21.89      | -                   | -              | 273            | 182         | V        |
| 3      | * 7.484464      | 47.91                | PK-U | 35.8             | -37.6                 | 0            | 46.11                      | -                  | -           | 74                  | -27.89         | 125            | 227         | H        |
|        | * 7.483639      | 36.28                | ADR  | 35.8             | -37.6                 | 0.14         | 34.62                      | 54                 | -19.38      | -                   | -              | 125            | 227         | H        |
| 4      | * 11.434033     | 46.24                | PK-U | 38.2             | -33.9                 | 0            | 50.54                      | -                  | -           | 74                  | -23.46         | 27             | 185         | H        |
|        | * 11.434279     | 34.75                | ADR  | 38.2             | -33.9                 | 0.14         | 39.19                      | 54                 | -14.81      | -                   | -              | 27             | 185         | H        |
| 5      | * 8.429664      | 48.13                | PK-U | 35.9             | -35.9                 | 0            | 48.13                      | -                  | -           | 74                  | -25.87         | 347            | 220         | V        |
|        | * 8.431048      | 36.74                | ADR  | 36               | -35.9                 | 0.14         | 36.98                      | 54                 | -17.02      | -                   | -              | 347            | 220         | V        |
| 6      | * 12.470643     | 47.55                | PK-U | 39.2             | -35.5                 | 0            | 51.25                      | -                  | -           | 74                  | -22.75         | 262            | 220         | V        |
|        | * 12.47061      | 35.81                | ADR  | 39.2             | -35.5                 | 0.14         | 39.65                      | 54                 | -14.35      | -                   | -              | 262            | 220         | 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 RESULTS**

**RADIATED EMISSIONS**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF 200895 (dB/m) | Amp/Cbl/Ftr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | 15.721404       | 51.32                | PK-U | 40.3             | -32.9                | 0            | 58.72                      | -                  | -           | -                   | -15.28         | -                            | -              | 233            | 122         | V        |
|        | 15.721212       | 39.48                | ADR  | 40.4             | -32.9                | 0.14         | 47.12                      | 54                 | -6.88       | -                   | -              | -                            | -              | 233            | 122         | V        |
| 2      | 9.155972        | 48.86                | PK-U | 36.4             | -35.6                | 0            | 49.66                      | -                  | -           | 74                  | -24.34         | -                            | -              | 96             | 247         | H        |
|        | 9.157875        | 37.05                | ADR  | 36.4             | -35.6                | 0.14         | 37.99                      | 54                 | -16.01      | -                   | -              | -                            | -              | 96             | 247         | H        |
| 3      | 10.478327       | 49.17                | PK-U | 37.6             | -35.5                | 0            | 51.27                      | -                  | -           | -                   | -              | 68.2                         | -16.93         | 100            | 162         | V        |
| 4      | 10.48063        | 48.9                 | PK-U | 37.6             | -35.4                | 0            | 51.1                       | -                  | -           | -                   | -              | 68.2                         | -17.1          | 185            | 158         | H        |
| 5      | 9.583772        | 48.02                | PK-U | 36.8             | -35.7                | 0            | 49.12                      | -                  | -           | -                   | -              | 68.2                         | -19.08         | 188            | 109         | V        |
| 6      | 3.203949        | 52.58                | PK-U | 32.9             | -42.4                | 0            | 43.08                      | -                  | -           | -                   | -              | 68.2                         | -25.12         | 86             | 229         | V        |

PK-U - U-NII: Maximum Peak

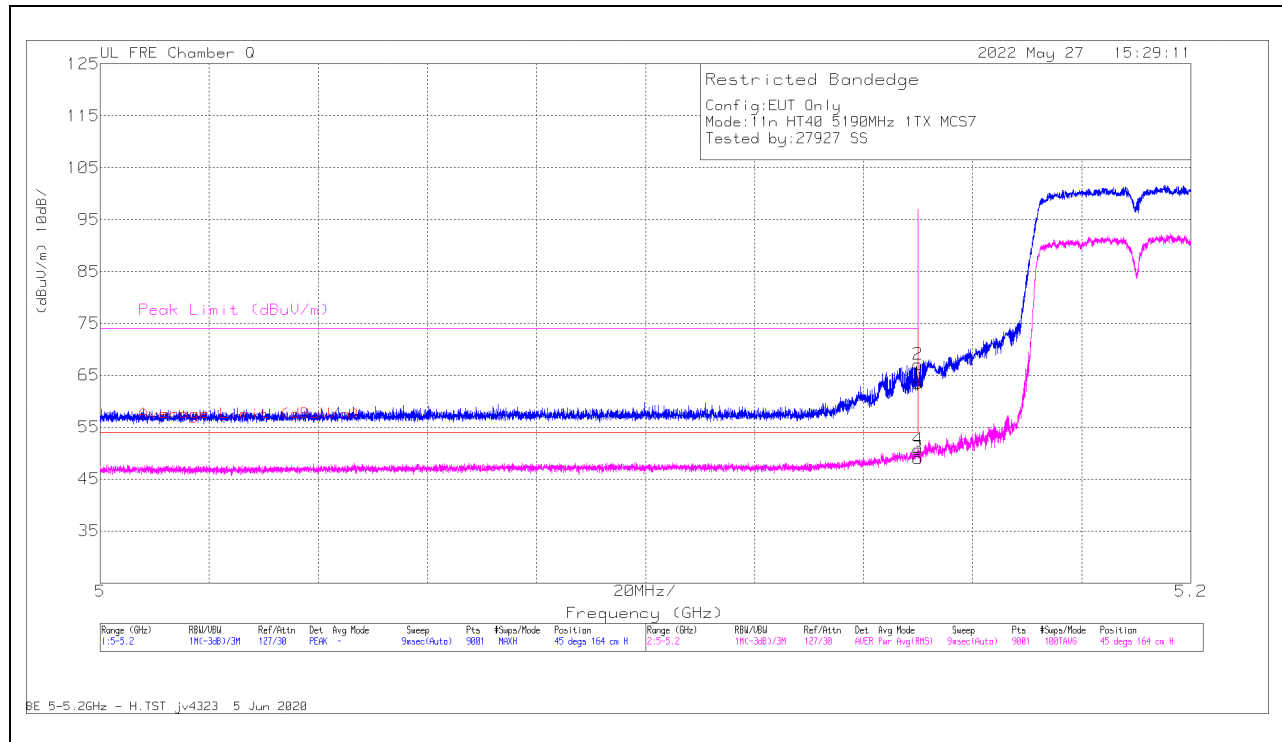
ADR - U-NII AD primary method, RMS average

## 1.1.2. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.2 GHz BAND

### 1TX Antenna 6 MODE

### BANDEDGE (LOW CHANNEL)

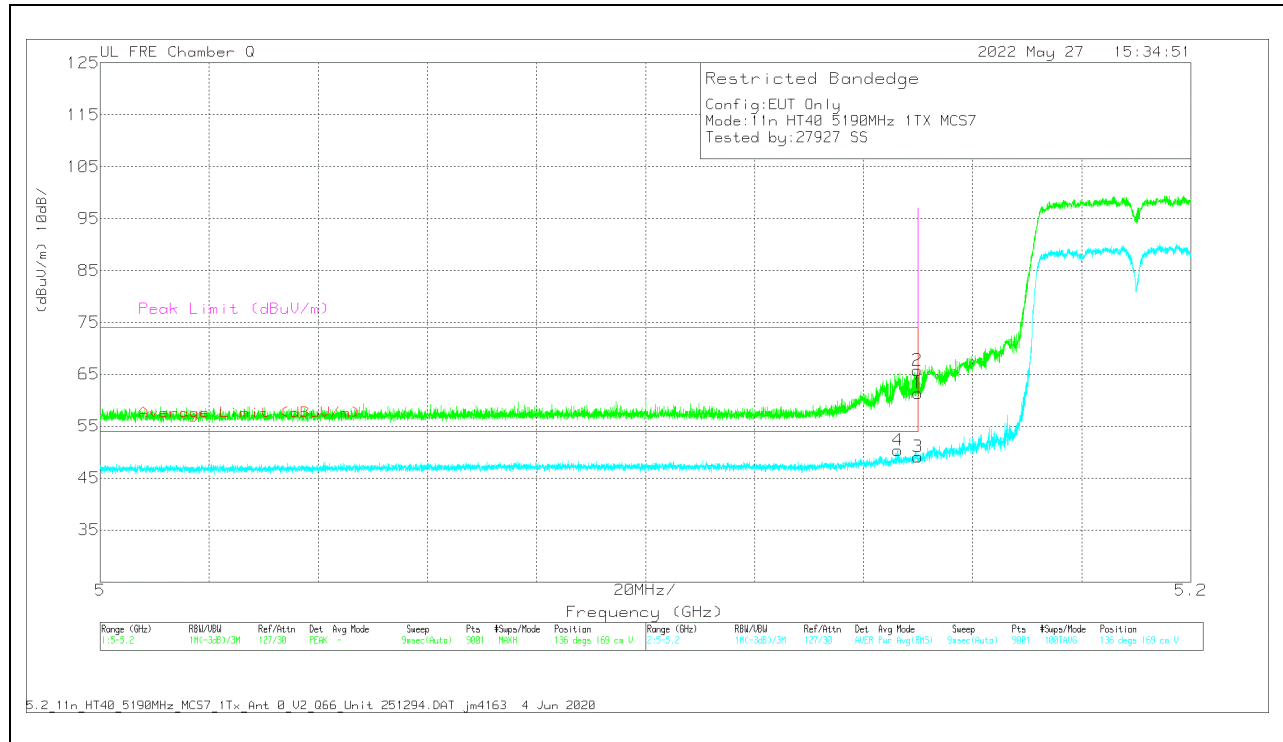
### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 200895 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.15            | 60.63                | Pk  | 34.3             | -31.4                  | 0            | 63.53                      | -                      | -           | 74                  | -10.47         | 45             | 164         | H        |
| 2      | 5.14991         | 64.17                | Pk  | 34.3             | -31.4                  | 0            | 67.07                      | -                      | -           | 74                  | -6.93          | 45             | 164         | H        |
| 3      | 5.15            | 45.49                | RMS | 34.3             | -31.4                  | .89          | 49.28                      | 54                     | -4.72       | -                   | -              | 45             | 164         | H        |
| 4      | 5.14991         | 47.16                | RMS | 34.3             | -31.4                  | .89          | 50.95                      | 54                     | -3.05       | -                   | -              | 45             | 164         | H        |

Pk - Peak detector

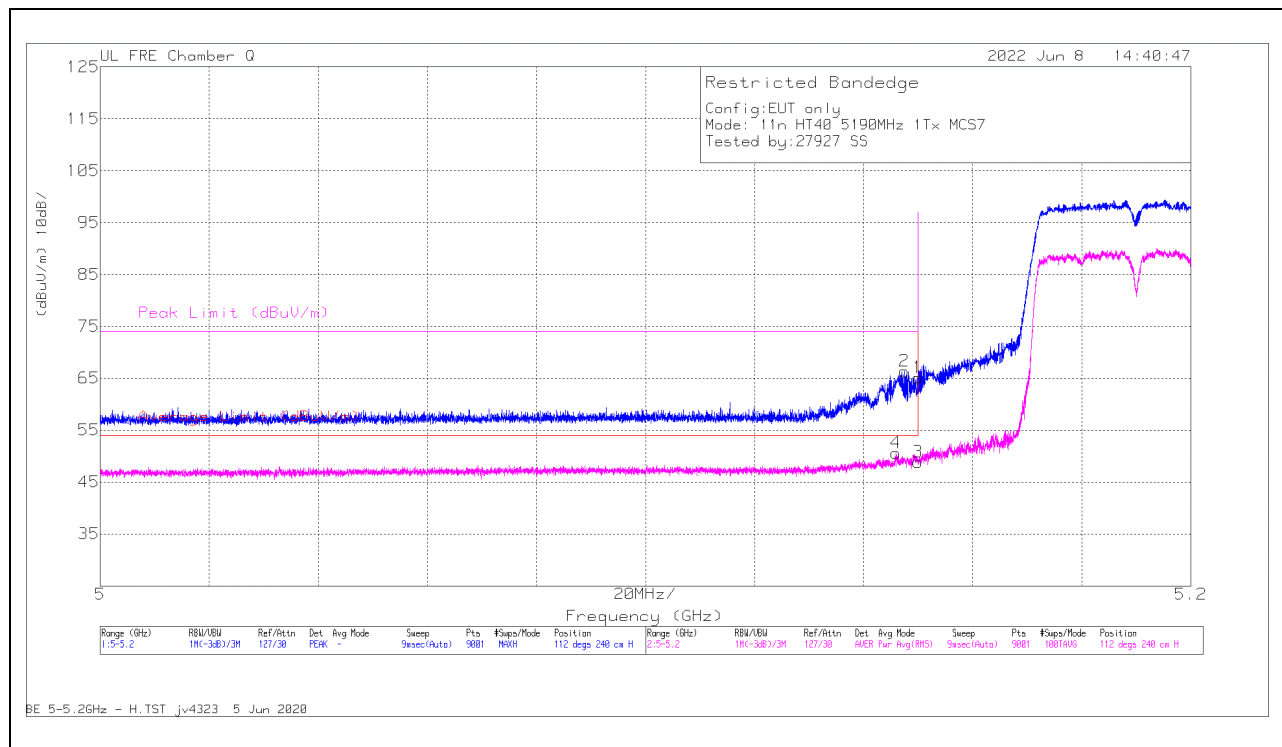
RMS - RMS detection

**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 200895 (dB/m) | Amp/Cbl/Filt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.15            | 58.4                 | Pk  | 34.3             | -31.4                 | 0            | 61.3                       | -                      | -           | 74                  | -12.7          | 136            | 169         | V        |
| 2      | 5.149799        | 62.85                | Pk  | 34.3             | -31.4                 | 0            | 65.75                      | -                      | -           | 74                  | -8.25          | 136            | 169         | V        |
| 3      | 5.15            | 45.56                | RMS | 34.3             | -31.4                 | .89          | 49.35                      | 54                     | -4.65       | -                   | -              | 136            | 169         | V        |
| 4      | 5.146265        | 46.86                | RMS | 34.3             | -31.4                 | .89          | 50.65                      | 54                     | -3.35       | -                   | -              | 136            | 169         | V        |

Pk - Peak detector

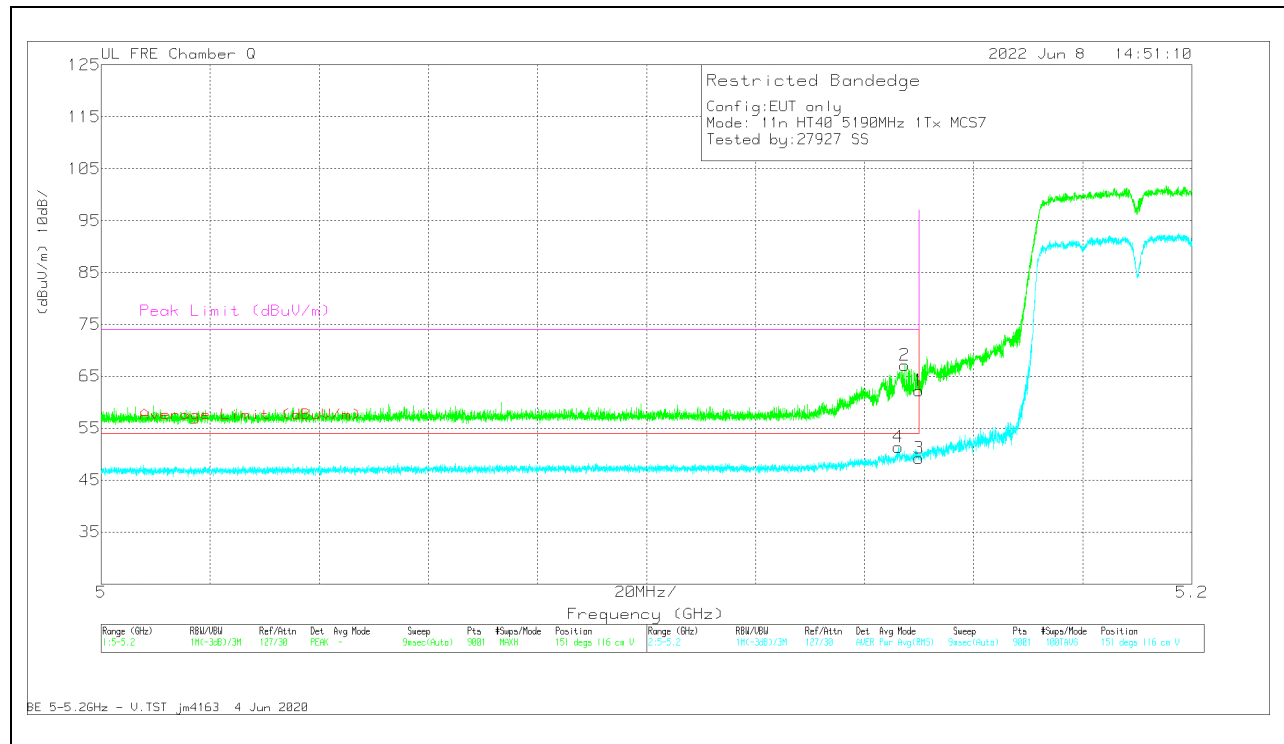
RMS - RMS detection

**1TX Antenna 5 MODE****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 200895 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.15            | 62.22                | Pk  | 34.3             | -31.4                  | 0            | 65.12                      | -                      | -           | 74                  | -8.88          | 112            | 240         | H        |
| 2      | 5.147487        | 63.4                 | Pk  | 34.3             | -31.4                  | 0            | 66.3                       | -                      | -           | 74                  | -7.7           | 112            | 240         | H        |
| 3      | 5.15            | 45.3                 | RMS | 34.3             | -31.4                  | .89          | 49.09                      | 54                     | -4.91       | -                   | -              | 112            | 240         | H        |
| 4      | 5.145976        | 47.06                | RMS | 34.3             | -31.4                  | .89          | 50.85                      | 54                     | -3.15       | -                   | -              | 112            | 240         | H        |

Pk - Peak detector

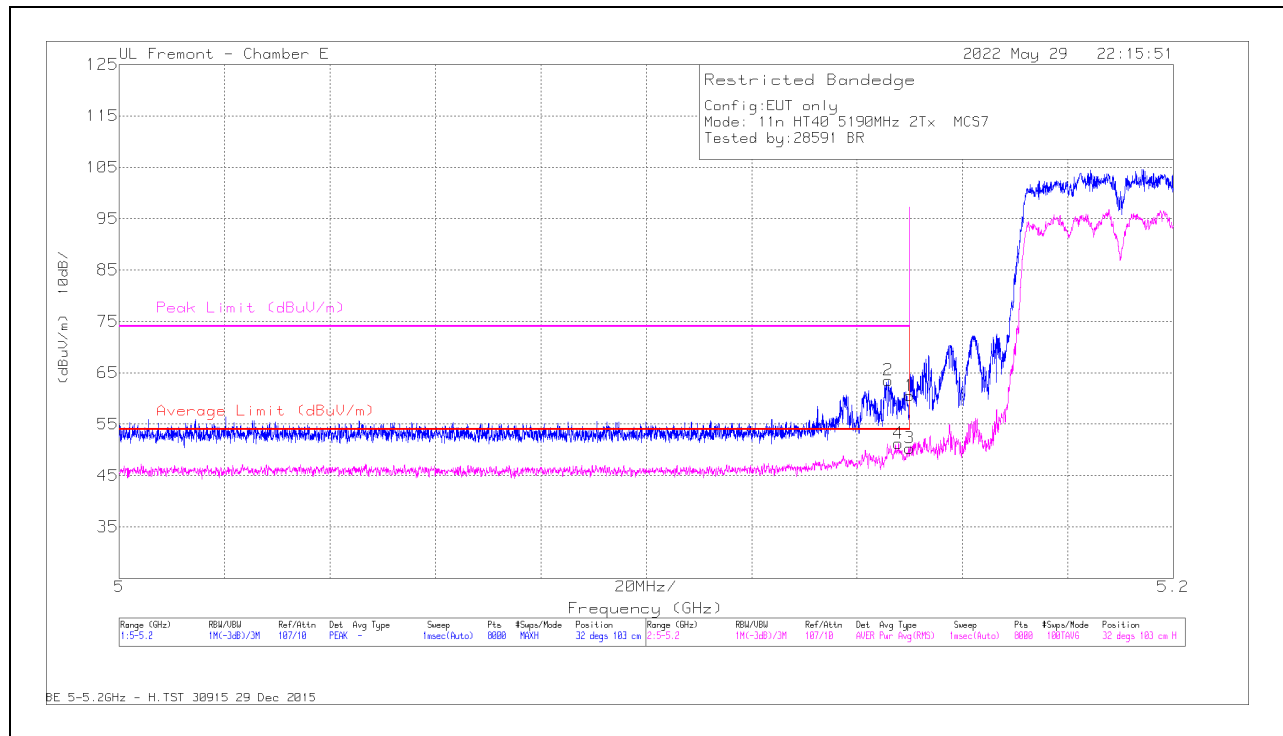
RMS - RMS detection

**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 200895 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.15            | 59.37                | Pk  | 34.3             | -31.4                 | 0            | 62.27                      | -                      | -           | 74                  | -11.73         | 151            | 116         | V        |
| 2      | 5.147332        | 64.24                | Pk  | 34.3             | -31.4                 | 0            | 67.14                      | -                      | -           | 74                  | -6.86          | 151            | 116         | V        |
| 3      | 5.15            | 45.72                | RMS | 34.3             | -31.4                 | .89          | 49.51                      | 54                     | -4.49       | -                   | -              | 151            | 116         | V        |
| 4      | 5.146199        | 47.83                | RMS | 34.3             | -31.4                 | .89          | 51.62                      | 54                     | -2.38       | -                   | -              | 151            | 116         | V        |

Pk - Peak detector

RMS - RMS detection

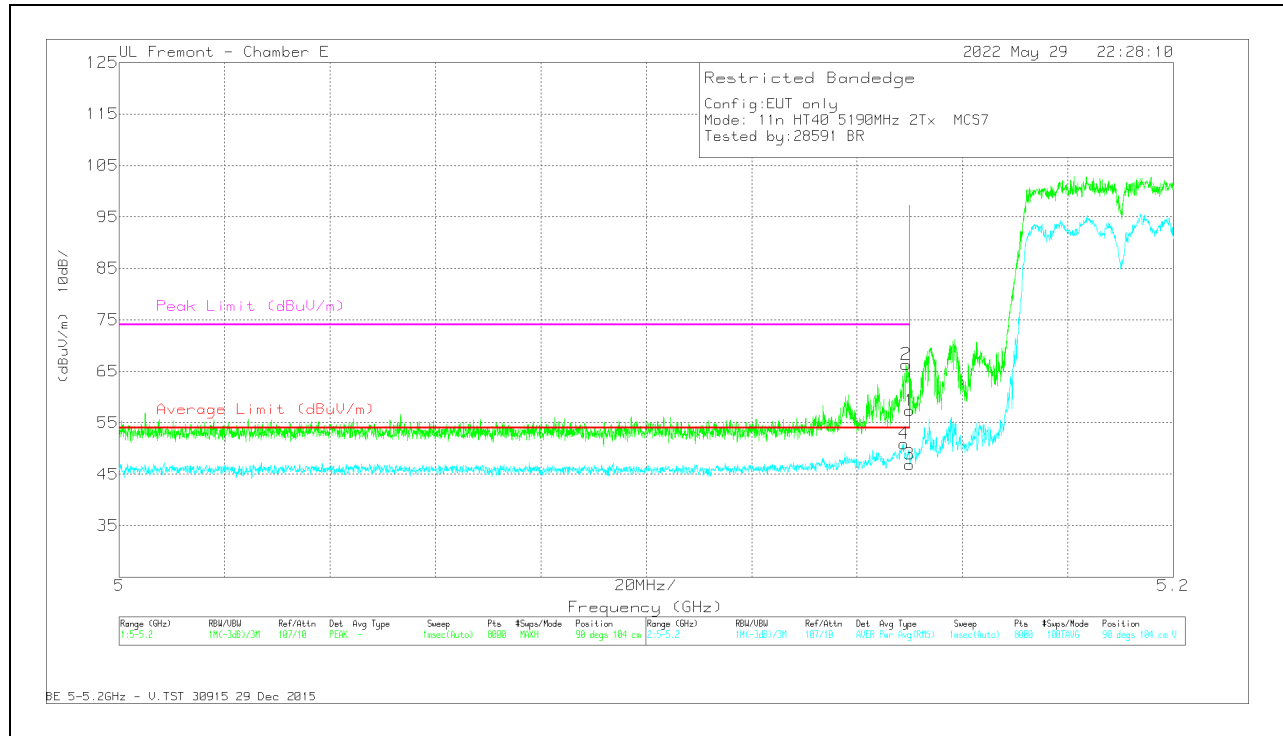
**2TX Antenna 6 + Antenna 5 CDD MODE****BANDEGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 47.44                | Pk  | 34.5              | -21.4            | 0            | 60.54                      | -                      | -           | 74                  | -13.46         | 32             | 103         | H        |
| 2      | * 5.145918      | 50.44                | Pk  | 34.5              | -21.4            | 0            | 63.54                      | -                      | -           | 74                  | -10.46         | 32             | 103         | H        |
| 3      | * 5.15          | 36.35                | RMS | 34.5              | -21.4            | .89          | 50.34                      | 54                     | -3.66       | -                   | -              | 32             | 103         | H        |
| 4      | * 5.147843      | 37.29                | RMS | 34.5              | -21.4            | .89          | 51.28                      | 54                     | -2.72       | -                   | -              | 32             | 103         | H        |

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

Pk - Peak detector

RMS - RMS detection

**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBUV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBUV/m) | Average Limit (dBUV/m) | Margin (dB) | Peak Limit (dBUV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 44.27                | Pk  | 34.5              | -21.4            | 0            | 57.37                      | -                      | -           | 74                  | -16.63         | 90             | 104         | V        |
| 2      | * 5.149293      | 53.25                | Pk  | 34.5              | -21.4            | 0            | 66.35                      | -                      | -           | 74                  | -7.65          | 90             | 104         | V        |
| 3      | * 5.15          | 32.94                | RMS | 34.5              | -21.4            | .89          | 46.93                      | 54                     | -7.07       | -                   | -              | 90             | 104         | V        |
| 4      | * 5.148843      | 36.95                | RMS | 34.5              | -21.4            | .89          | 50.94                      | 54                     | -3.06       | -                   | -              | 90             | 104         | V        |

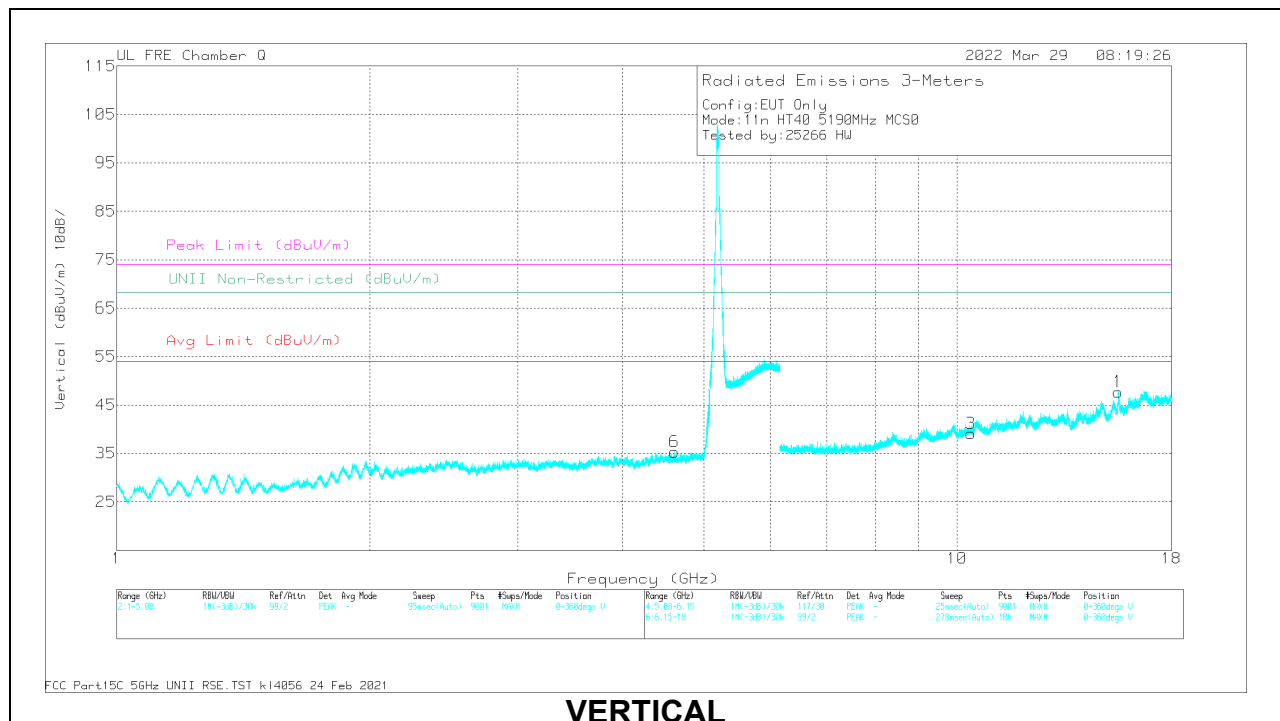
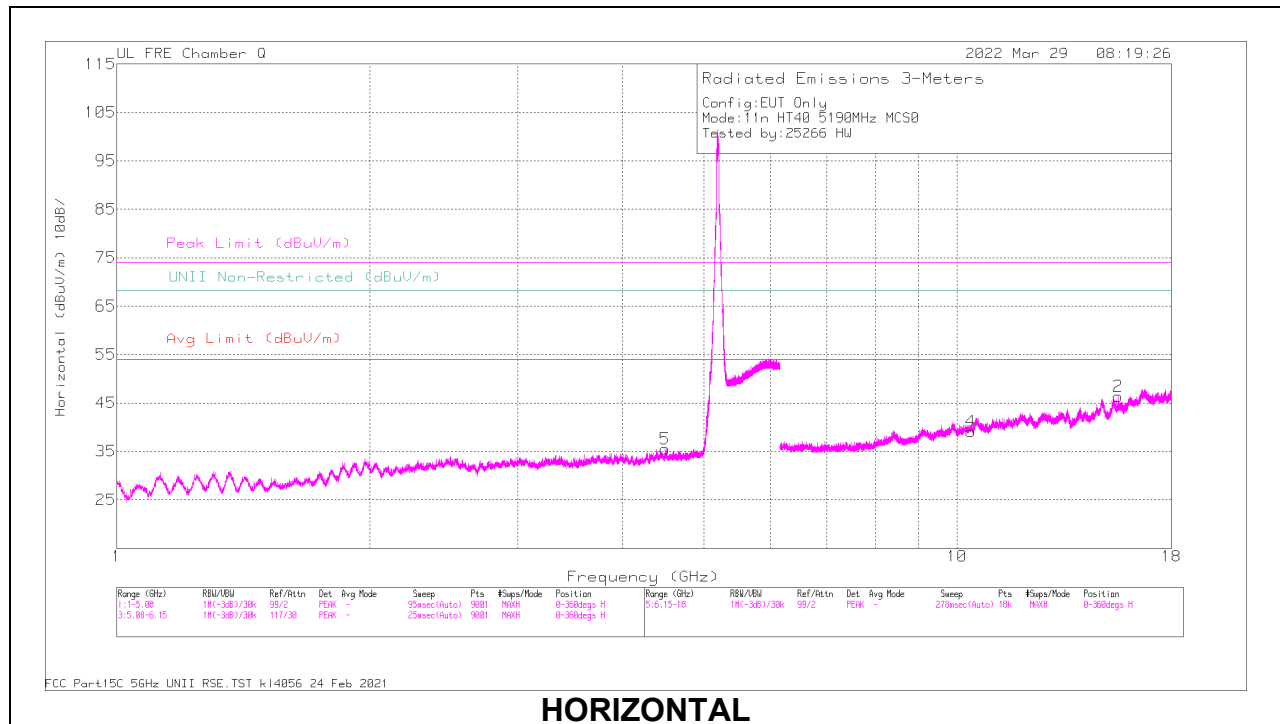
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



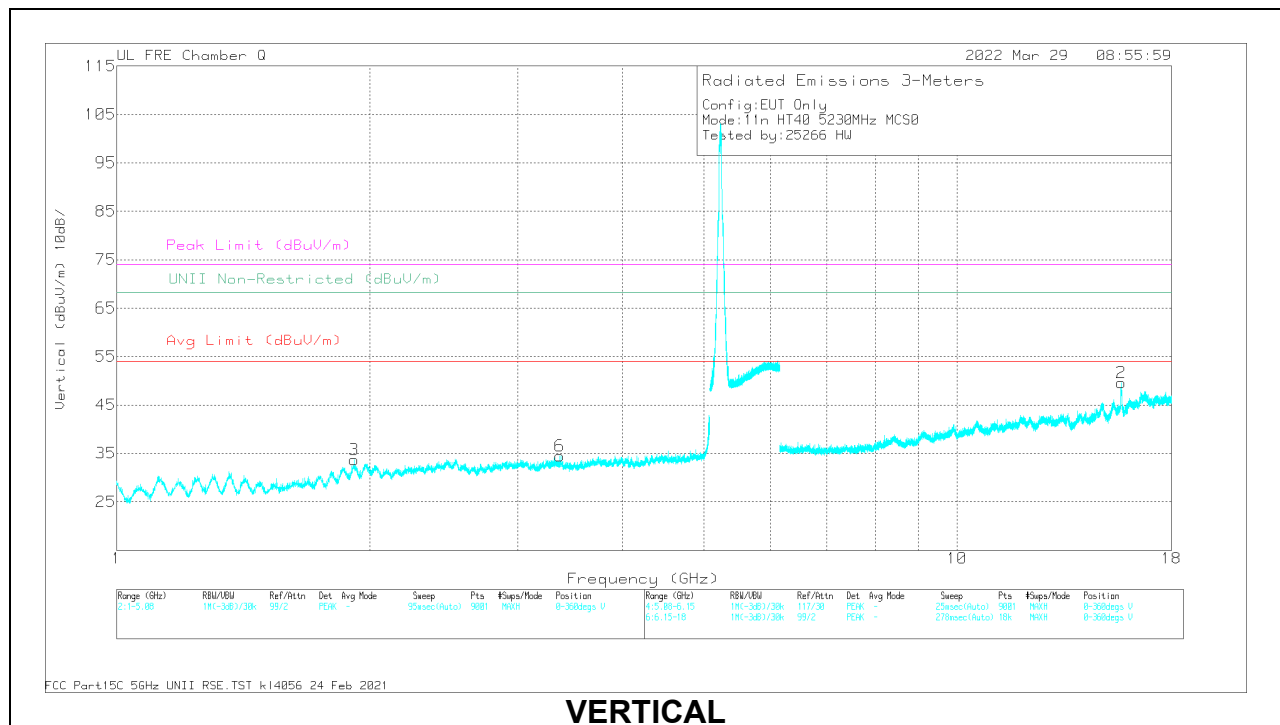
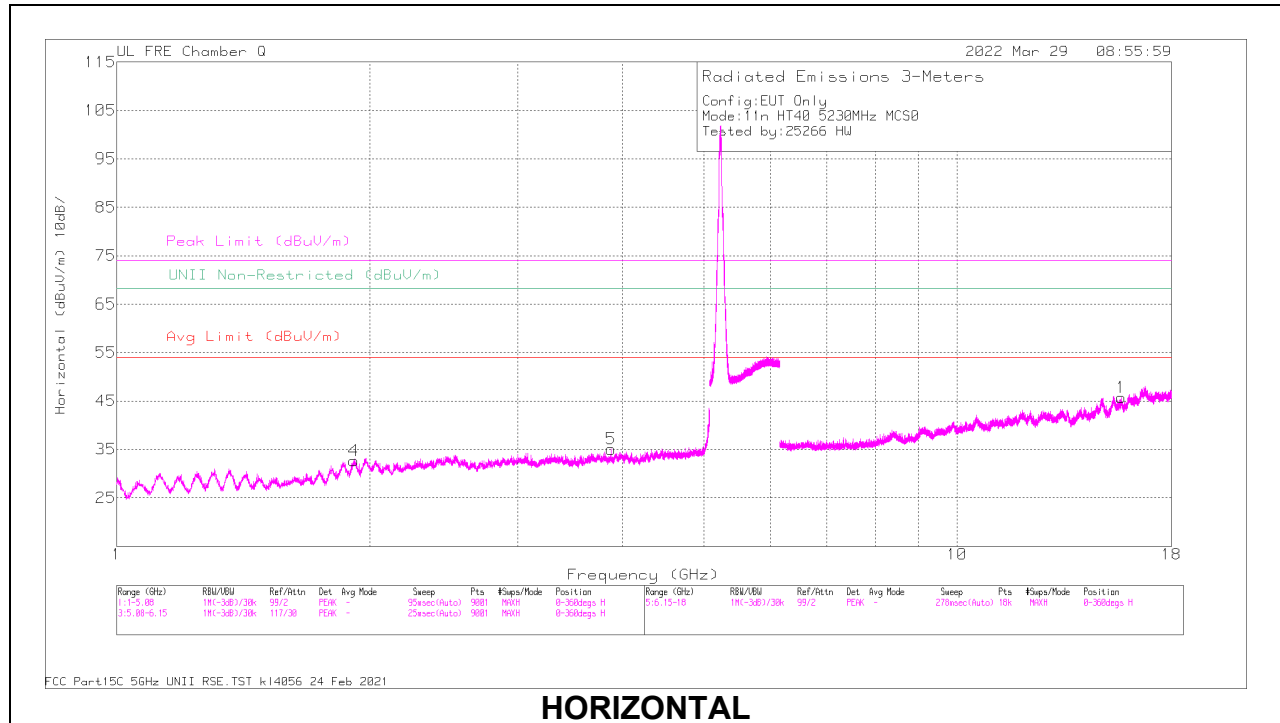
**RADIATED EMISSIONS**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF 200895 (dB/m) | Amp/Cb/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | 15.565368       | 51.48                | PK-U | 40.1             | -33                  | 0            | 58.58                      | -                  | -           | 74                  | -15.42         | -                            | -              | 219            | 113         | V        |
|        | 15.56759        | 39.74                | ADR  | 40.2             | -33                  | .21          | 47.15                      | 54                 | -6.85       | -                   | -              | -                            | -              | 219            | 113         | V        |
| 2      | 15.559536       | 48.64                | PK-U | 40.1             | -33                  | 0            | 55.74                      | -                  | -           | 74                  | -18.26         | -                            | -              | 329            | 112         | H        |
|        | 15.559393       | 36.94                | ADR  | 40.1             | -33                  | .21          | 44.25                      | 54                 | -9.75       | -                   | -              | -                            | -              | 329            | 112         | H        |
| 3      | 10.381367       | 49.13                | PK-U | 37.4             | -35.9                | 0            | 50.63                      | -                  | -           | -                   | -              | 68.2                         | -17.57         | 5              | 155         | V        |
| 4      | 10.3827         | 48.32                | PK-U | 37.4             | -35.9                | 0            | 49.82                      | -                  | -           | -                   | -              | 68.2                         | -18.38         | 245            | 209         | H        |
| 5      | 4.49341         | 51.69                | PK-U | 33.8             | -40.8                | 0            | 44.69                      | -                  | -           | -                   | -              | 68.2                         | -23.51         | 151            | 106         | H        |
| 6      | 4.613894        | 51.41                | PK-U | 34.1             | -41                  | 0            | 44.51                      | -                  | -           | 74                  | -29.49         | -                            | -              | 196            | 126         | V        |
|        | 4.613965        | 39.73                | ADR  | 34.1             | -41                  | .21          | 33.04                      | 54                 | -20.96      | -                   | -              | -                            | -              | 196            | 126         | V        |

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## HIGH CHANNEL RESULTS



**RADIATED EMISSIONS**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF 200895 (dB/m) | Amp/C bl/Filtr/ Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|--------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | 15.681018       | 48.08                | PK-U | 40.3             | -32.5                    | 0            | 55.88                      | -                  | -           | 74                  | -18.12         | -                            | -              | 305            | 107         | H        |
|        | 15.682033       | 36.52                | ADR  | 40.3             | -32.5                    | .21          | 44.53                      | 54                 | -9.47       | -                   | -              | -                            | -              | 305            | 107         | H        |
| 2      | 15.690157       | 47.14                | PK-U | 40.3             | -32.5                    | 0            | 54.94                      | -                  | -           | 74                  | -19.06         | -                            | -              | 91             | 368         | V        |
|        | 15.690632       | 35.52                | ADR  | 40.3             | -32.5                    | .21          | 43.53                      | 54                 | -10.47      | -                   | -              | -                            | -              | 91             | 368         | V        |
| 3      | 1.914419        | 56.43                | PK-U | 30.9             | -44.5                    | 0            | 42.83                      | -                  | -           | -                   | -              | 68.2                         | -25.37         | 94             | 156         | V        |
|        | 1.916734        | 56.16                | PK-U | 30.9             | -44.3                    | 0            | 42.76                      | -                  | -           | -                   | -              | 68.2                         | -25.44         | 249            | 249         | H        |
| 5      | 3.872813        | 51.47                | PK-U | 33.4             | -40.8                    | 0            | 44.07                      | -                  | -           | 74                  | -29.93         | -                            | -              | 91             | 231         | H        |
|        | 3.87499         | 39.56                | ADR  | 33.4             | -40.8                    | .21          | 32.37                      | 54                 | -21.63      | -                   | -              | -                            | -              | 91             | 231         | H        |
| 6      | 3.36841         | 52.2                 | PK-U | 32.6             | -41.3                    | 0            | 43.5                       | -                  | -           | -                   | -              | 68.2                         | -24.7          | 282            | 231         | V        |

PK-U - U-NII: Maximum Peak

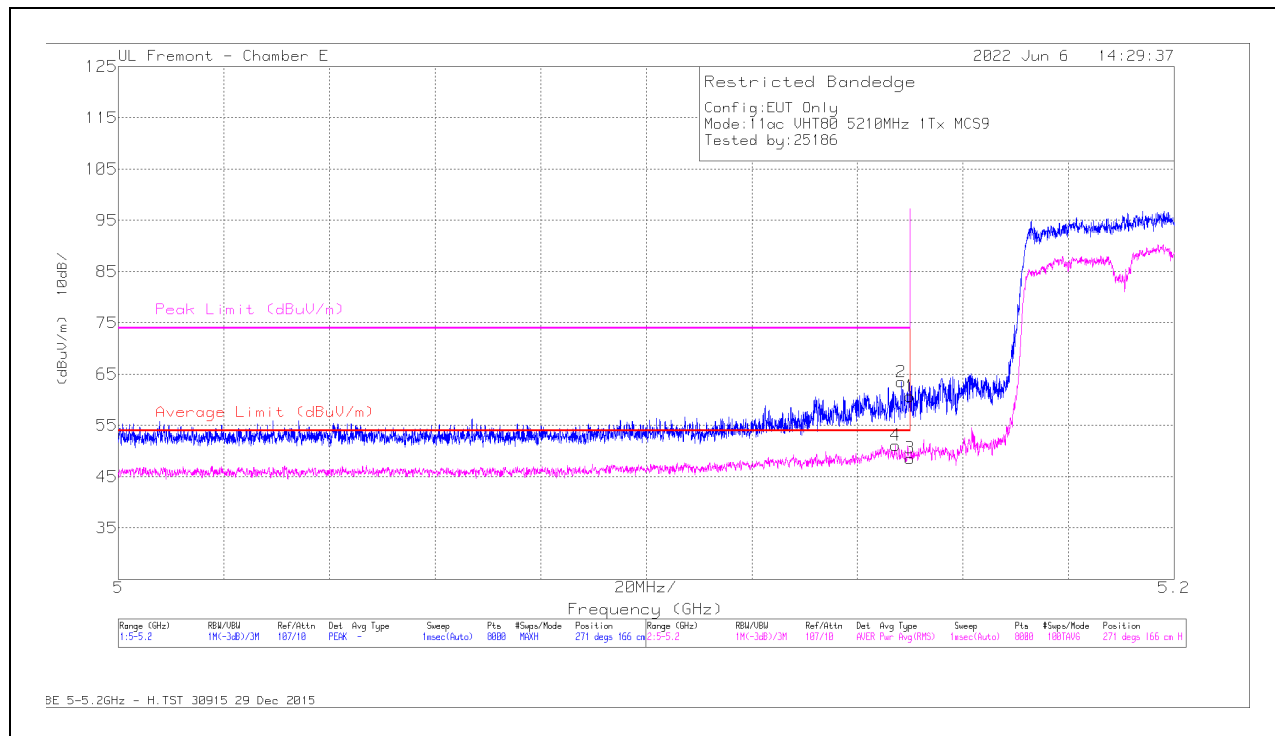
ADR - U-NII AD primary method, RMS average

### 1.1.3. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.2 GHz BAND

#### 1TX Antenna 6 MODE

#### BANDEDGE (MID CHANNEL)

#### HORIZONTAL RESULT

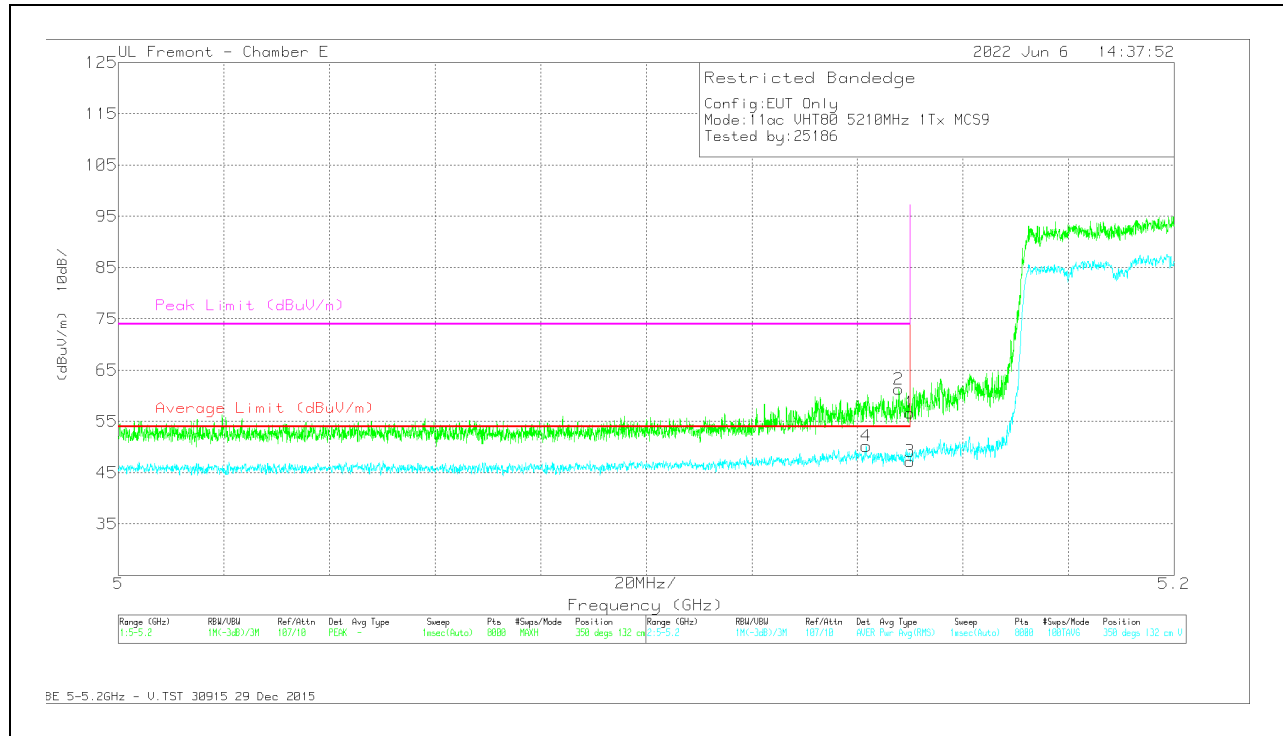


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 47.59                | Pk  | 34.5              | -21.4            | 0            | 60.69                      | -                      | -           | 74                  | -13.31         | 271            | 166         | H        |
| 2      | * 5.148293      | 50.39                | Pk  | 34.5              | -21.4            | 0            | 63.49                      | -                      | -           | 74                  | -10.51         | 271            | 166         | H        |
| 3      | * 5.15          | 34.41                | RMS | 34.5              | -21.4            | 1.28         | 48.79                      | 54                     | -5.21       | -                   | -              | 271            | 166         | H        |
| 4      | * 5.147193      | 36.95                | RMS | 34.5              | -21.4            | 1.28         | 51.33                      | 54                     | -2.67       | -                   | -              | 271            | 166         | H        |

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

Pk - Peak detector

RMS - RMS detection

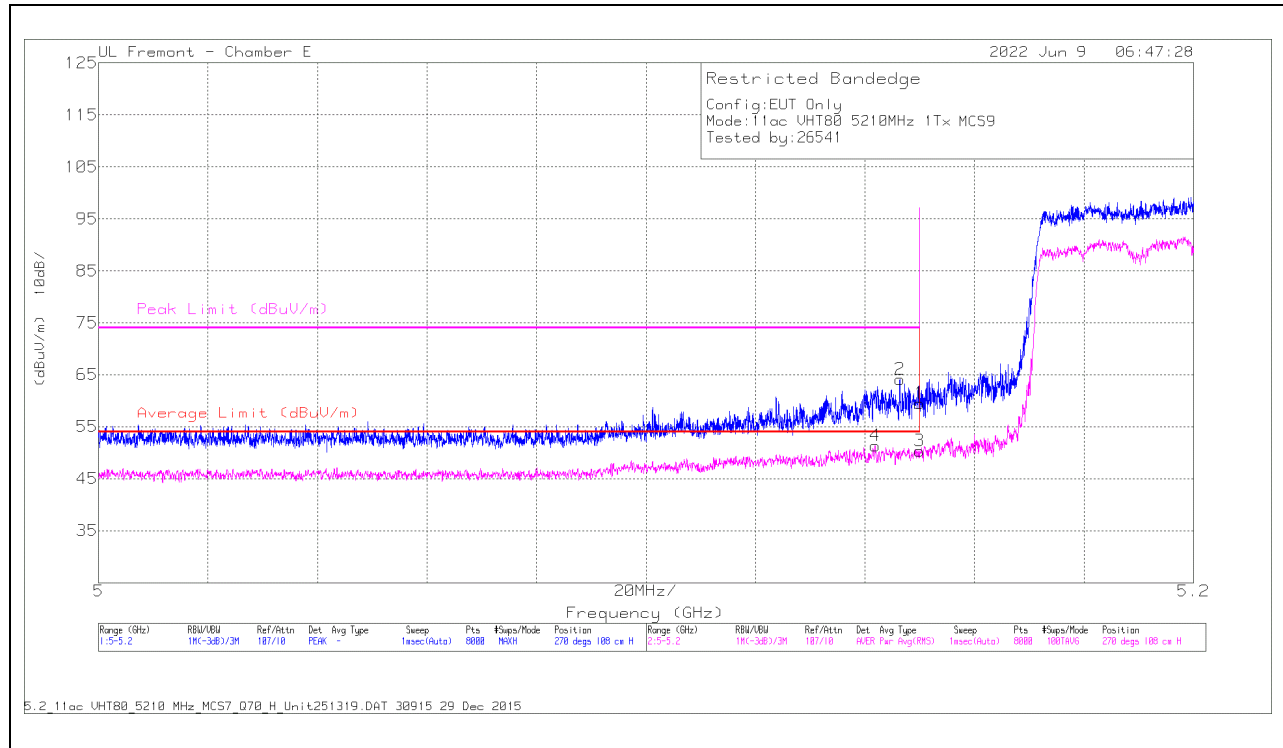
**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 43.59                | Pk  | 34.5              | -21.4            | 0            | 56.69                      | -                      | -           | 74                  | -17.31         | 350            | 132         | V        |
| 2      | * 5.147843      | 48.17                | Pk  | 34.5              | -21.4            | 0            | 61.27                      | -                      | -           | 74                  | -12.73         | 350            | 132         | V        |
| 3      | * 5.15          | 33.03                | RMS | 34.5              | -21.4            | 1.28         | 47.41                      | 54                     | -6.59       | -                   | -              | 350            | 132         | V        |
| 4      | * 5.141667      | 36.12                | RMS | 34.4              | -21.4            | 1.28         | 50.4                       | 54                     | -3.6        | -                   | -              | 350            | 132         | V        |

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

Pk - Peak detector

RMS - RMS detection

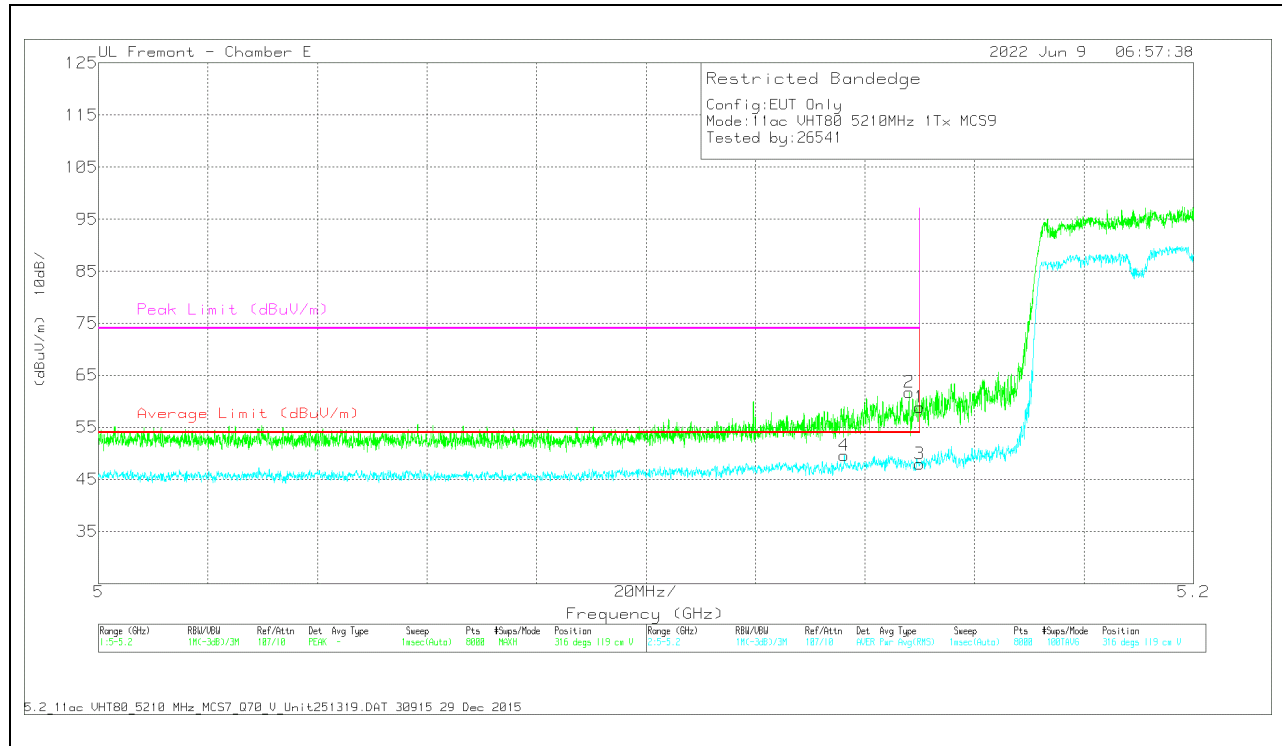
**1TX Antenna 5 MODE****BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 46.38                | Pk  | 34.5              | -21.4            | 0            | 59.48                      | -                      | -           | 74                  | -14.52         | 270            | 108         | H        |
| 2      | * 5.146343      | 51.04                | Pk  | 34.5              | -21.4            | 0            | 64.14                      | -                      | -           | 74                  | -9.86          | 270            | 108         | H        |
| 3      | * 5.15          | 36.12                | RMS | 34.5              | -21.4            | 1.28         | 50.5                       | 54                     | -3.5        | -                   | -              | 270            | 108         | H        |
| 4      | * 5.141842      | 37.11                | RMS | 34.5              | -21.4            | 1.28         | 51.49                      | 54                     | -2.51       | -                   | -              | 270            | 108         | H        |

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

Pk - Peak detector

RMS - RMS detection

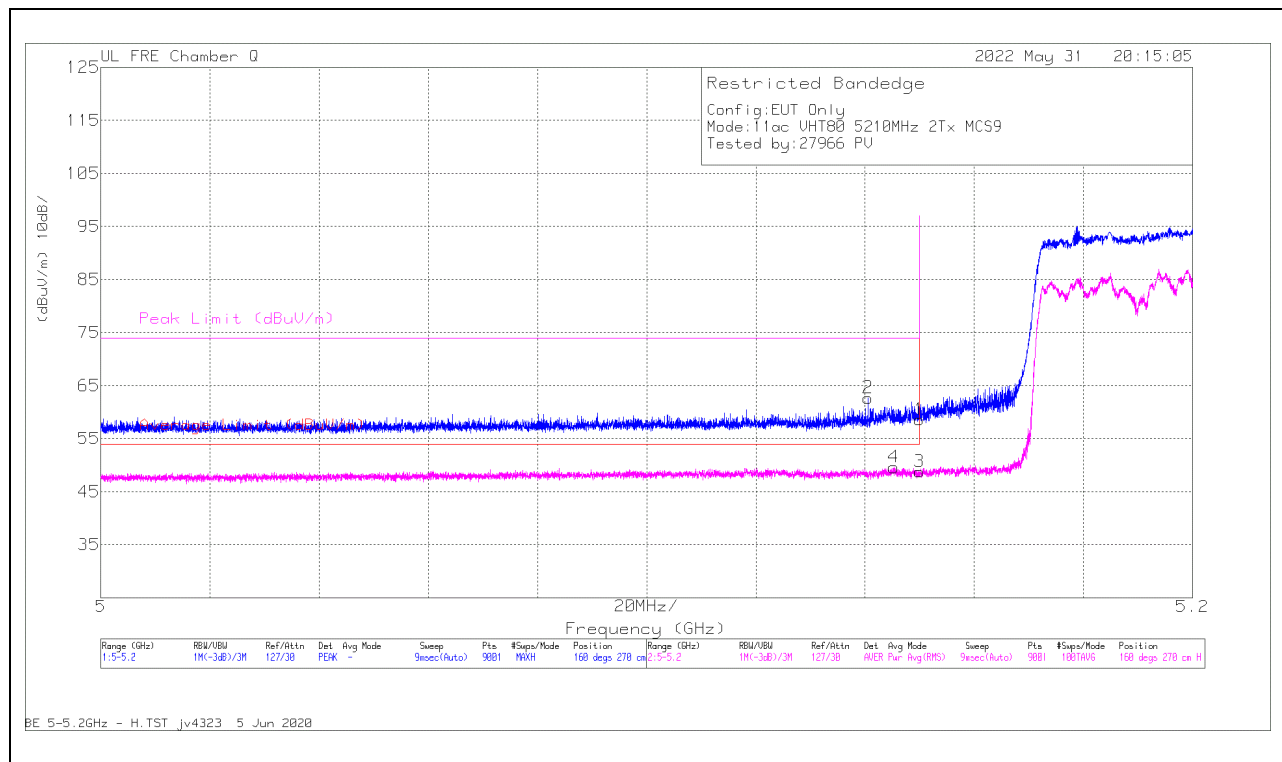
**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 45.72                | Pk  | 34.5              | -21.4            | 0            | 58.82                      | -                      | -           | 74                  | -15.18         | 316            | 119         | V        |
| 2      | * 5.148068      | 48.67                | Pk  | 34.5              | -21.4            | 0            | 61.77                      | -                      | -           | 74                  | -12.23         | 316            | 119         | V        |
| 3      | * 5.15          | 33.82                | RMS | 34.5              | -21.4            | 1.28         | 48.2                       | 54                     | -5.8        | -                   | -              | 316            | 119         | V        |
| 4      | * 5.136216      | 35.42                | RMS | 34.4              | -21.3            | 1.28         | 49.8                       | 54                     | -4.2        | -                   | -              | 316            | 119         | V        |

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

Pk - Peak detector

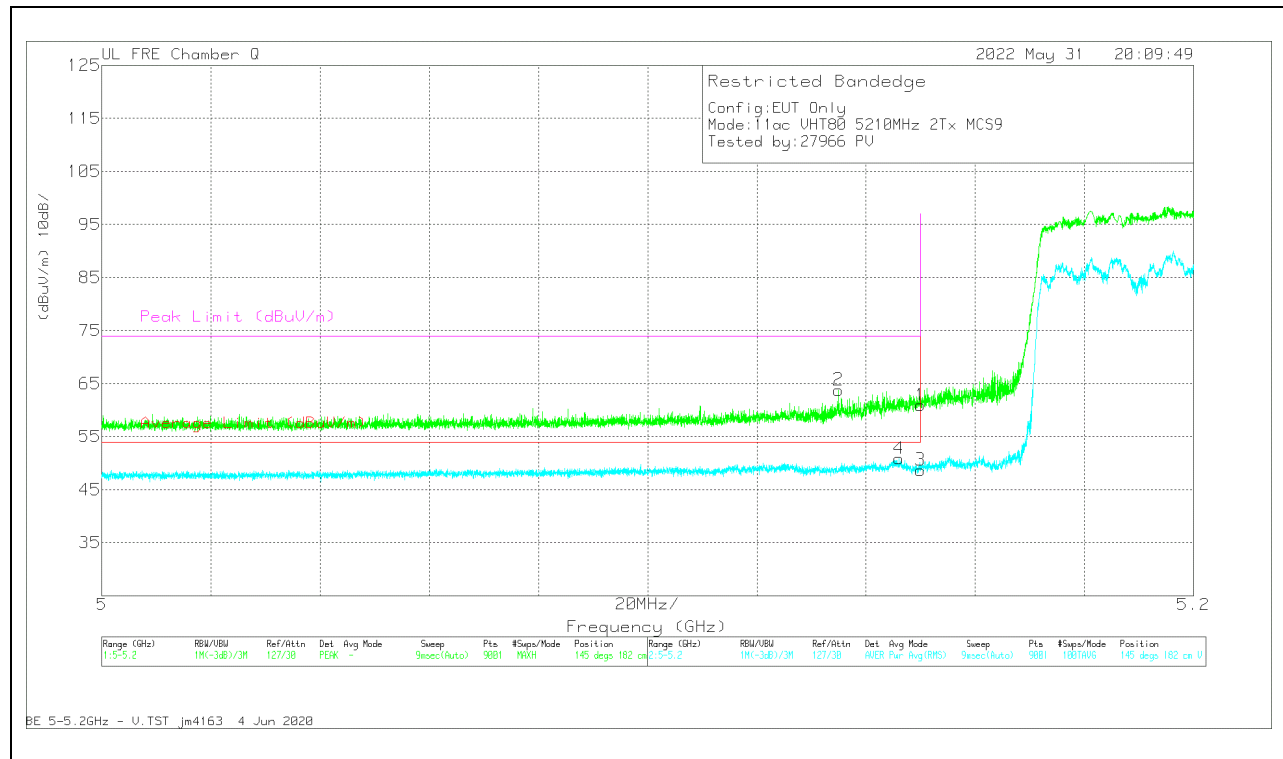
RMS - RMS detection

**2TX Antenna 6 + Antenna 5 CDD MODE****BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 200895 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.15            | 55.67                | Pk  | 34.3             | -31.4                  | 0            | 58.57                      | -                      | -           | 74                  | -15.43         | 160            | 270         | H        |
| 2      | 5.14051         | 59.86                | Pk  | 34.2             | -31.4                  | 0            | 62.66                      | -                      | -           | 74                  | -11.34         | 160            | 270         | H        |
| 3      | 5.15            | 44.58                | RMS | 34.3             | -31.4                  | 1.28         | 48.76                      | 54                     | -5.24       | -                   | -              | 160            | 270         | H        |
| 4      | 5.145265        | 45.41                | RMS | 34.3             | -31.4                  | 1.28         | 49.59                      | 54                     | -4.41       | -                   | -              | 160            | 270         | H        |

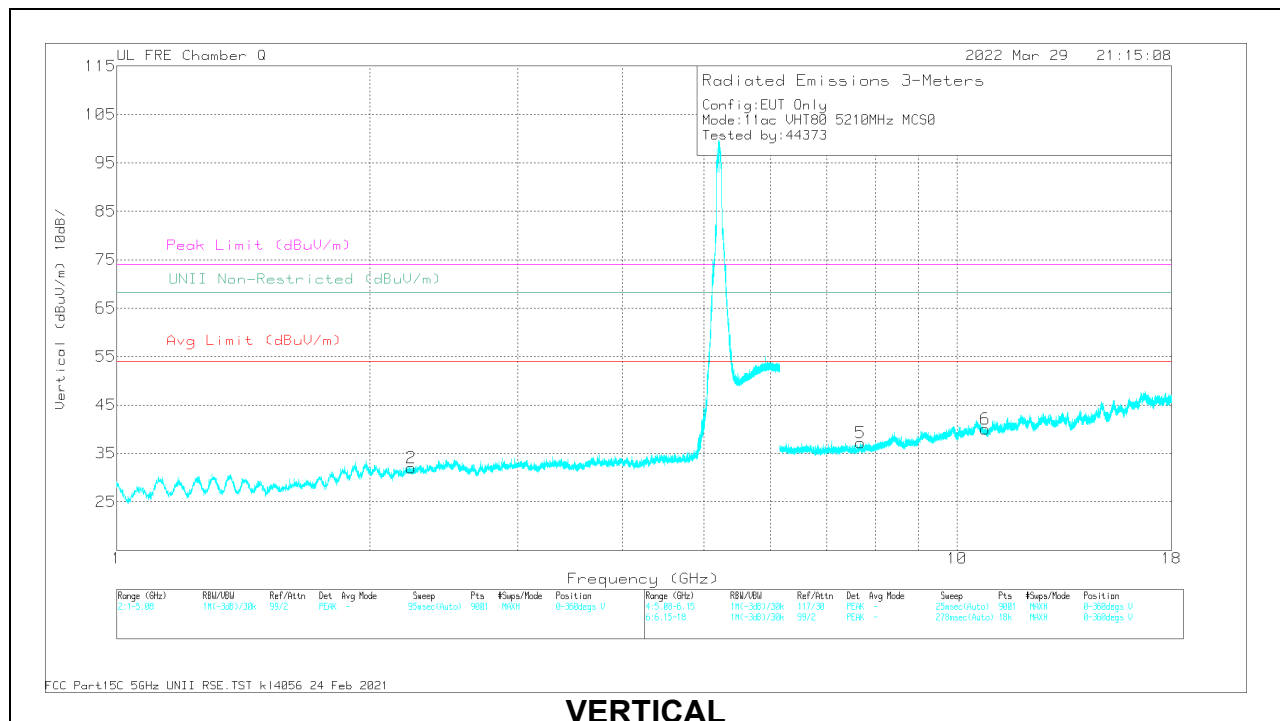
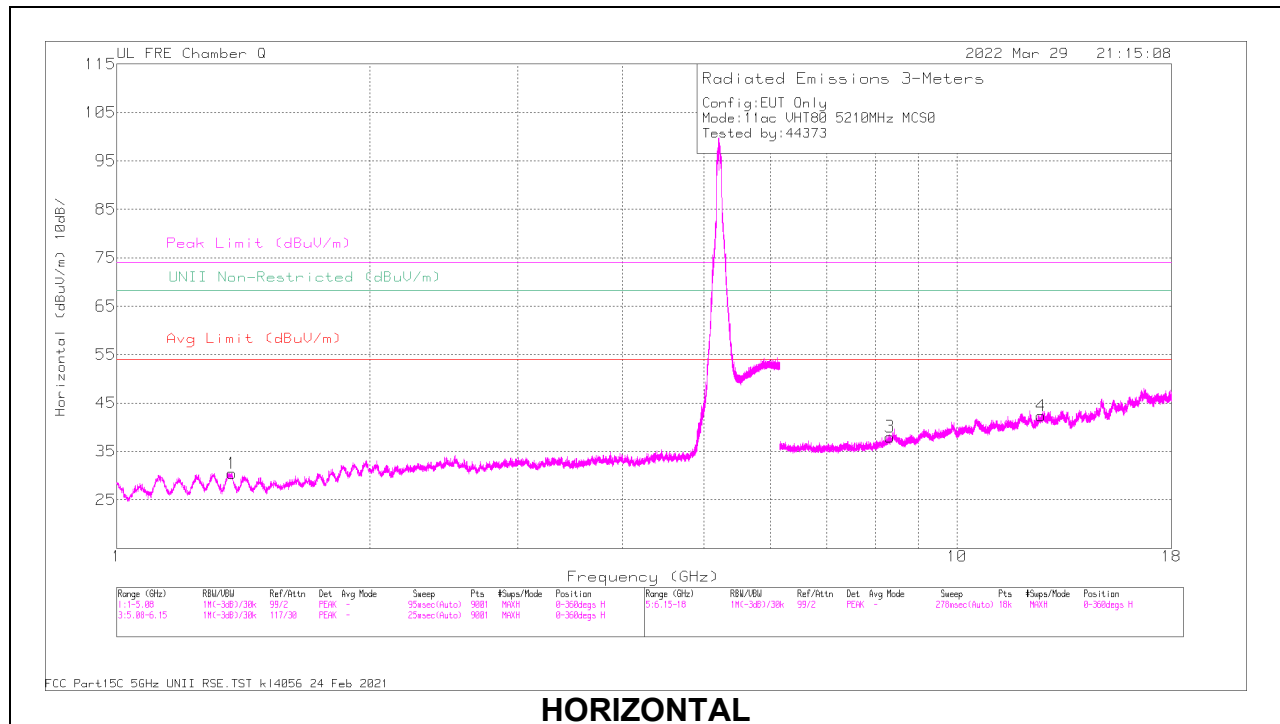
Pk - Peak detector

RMS - RMS detection

**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 200895 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.15            | 58.02                | Pk  | 34.3             | -31.4                  | 0            | 60.92                      | -                      | -           | 74                  | -13.08         | 145            | 182         | V        |
| 2      | 5.134954        | 61.09                | Pk  | 34.2             | -31.5                  | 0            | 63.79                      | -                      | -           | 74                  | -10.21         | 145            | 182         | V        |
| 3      | 5.15            | 44.47                | RMS | 34.3             | -31.4                  | 1.28         | 48.65                      | 54                     | -5.35       | -                   | -              | 145            | 182         | V        |
| 4      | 5.146021        | 46.67                | RMS | 34.3             | -31.4                  | 1.28         | 50.85                      | 54                     | -3.15       | -                   | -              | 145            | 182         | V        |

Pk - Peak detector  
RMS - RMS detector

**HARMONICS AND SPURIOUS EMISSIONS****MID CHANNEL RESULTS**

**RADIATED EMISSIONS**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF 200895 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 1.36973       | 56.12                | PK-U | 28.8             | -44.9                  | 0            | 40.02                      | -                  | -           | 74                  | -33.98         | 262            | 174         | H        |
|        | * 1.370421      | 44.64                | ADR  | 28.8             | -44.9                  | .35          | 28.89                      | 54                 | -25.11      | -                   | -              | 262            | 174         | H        |
| 2      | * 2.24029       | 54.38                | PK-U | 31.6             | -44.2                  | 0            | 41.78                      | -                  | -           | 74                  | -32.22         | 38             | 243         | V        |
|        | * 2.241363      | 43.01                | ADR  | 31.6             | -44.2                  | .35          | 30.76                      | 54                 | -23.24      | -                   | -              | 38             | 243         | V        |
| 3      | * 8.318815      | 47.98                | PK-U | 36               | -36.3                  | 0            | 47.68                      | -                  | -           | 74                  | -26.32         | 30             | 218         | H        |
|        | * 8.319336      | 36.5                 | ADR  | 36               | -36.3                  | .35          | 36.55                      | 54                 | -17.45      | -                   | -              | 30             | 218         | H        |
| 4      | * 12.580546     | 47.34                | PK-U | 39.2             | -35                    | 0            | 51.54                      | -                  | -           | 74                  | -22.46         | 220            | 128         | H        |
|        | * 12.583692     | 36.23                | ADR  | 39.2             | -34.9                  | .35          | 40.88                      | 54                 | -13.12      | -                   | -              | 220            | 128         | H        |
| 5      | * 7.6756        | 48.07                | PK-U | 35.8             | -37.7                  | 0            | 46.17                      | -                  | -           | 74                  | -27.83         | 77             | 166         | V        |
|        | * 7.675447      | 36.64                | ADR  | 35.8             | -37.7                  | .35          | 35.09                      | 54                 | -18.91      | -                   | -              | 77             | 166         | V        |
| 6      | * 10.812022     | 46.46                | PK-U | 37.8             | -34.3                  | 0            | 49.96                      | -                  | -           | 74                  | -24.04         | 49             | 143         | V        |
|        | * 10.813976     | 35.13                | ADR  | 37.8             | -34.3                  | .35          | 38.98                      | 54                 | -15.02      | -                   | -              | 49             | 143         | V        |

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

PK-U - U-NII: Maximum Peak

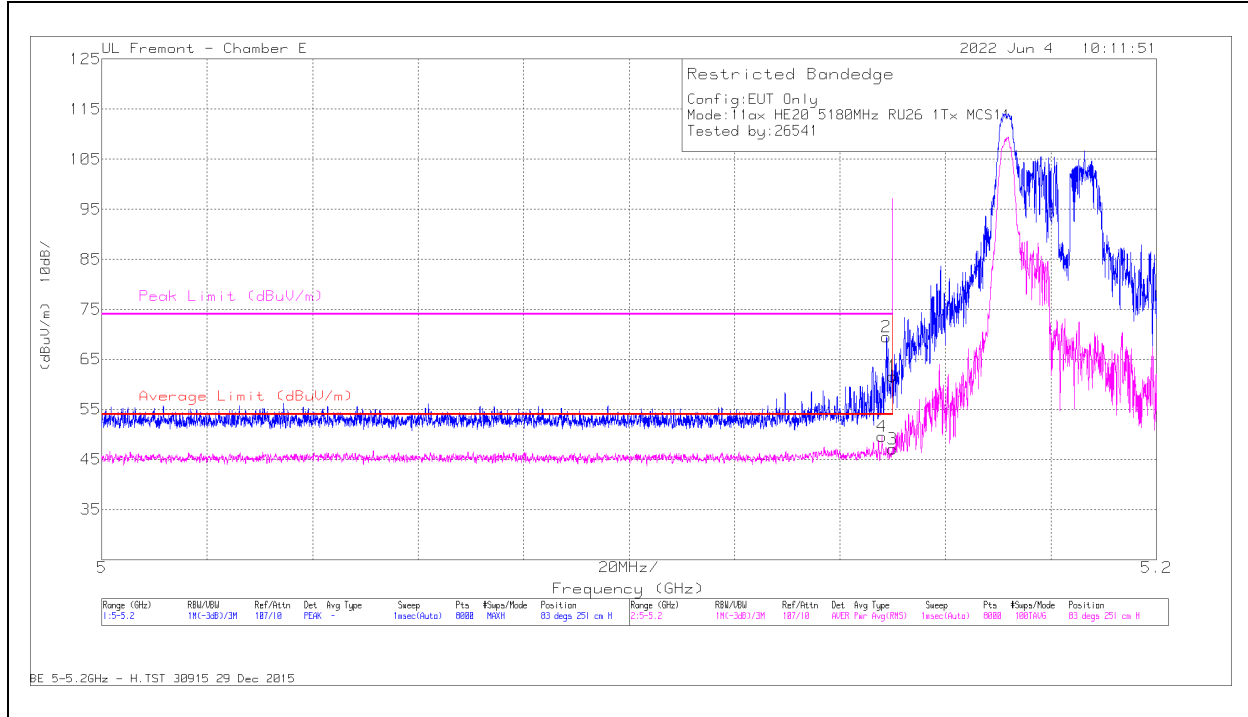
ADR - U-NII AD primary method, RMS average

# 1.1.4. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.2GHz BAND

## 1TX Antenna 6 MODE: 26-Tones, RU Index 0

### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT

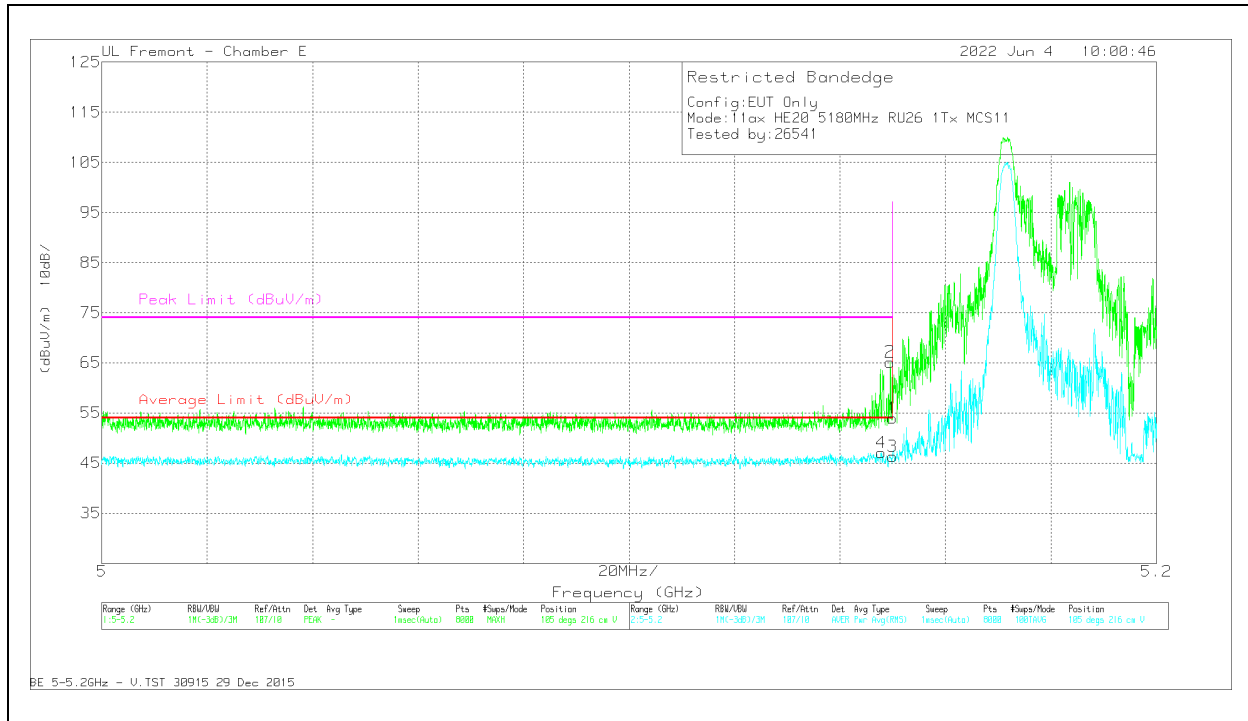


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 48.52                | PK  | 34.5              | -21.4            | 0            | 61.62                      | -                      | -           | 74                  | -12.38         | 83             | 251         | H        |
| 2      | * 5.148818      | 56.35                | PK  | 34.5              | -21.4            | 0            | 69.45                      | -                      | -           | 74                  | -4.55          | 83             | 251         | H        |
| 3      | * 5.15          | 33.49                | RMS | 34.5              | -21.4            | .46          | 47.05                      | 54                     | -6.95       | -                   | -              | 83             | 251         | H        |
| 4      | * 5.147943      | 36                   | RMS | 34.5              | -21.4            | .46          | 49.56                      | 54                     | -4.44       | -                   | -              | 83             | 251         | H        |

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

PK - Peak detector

RMS - RMS detection

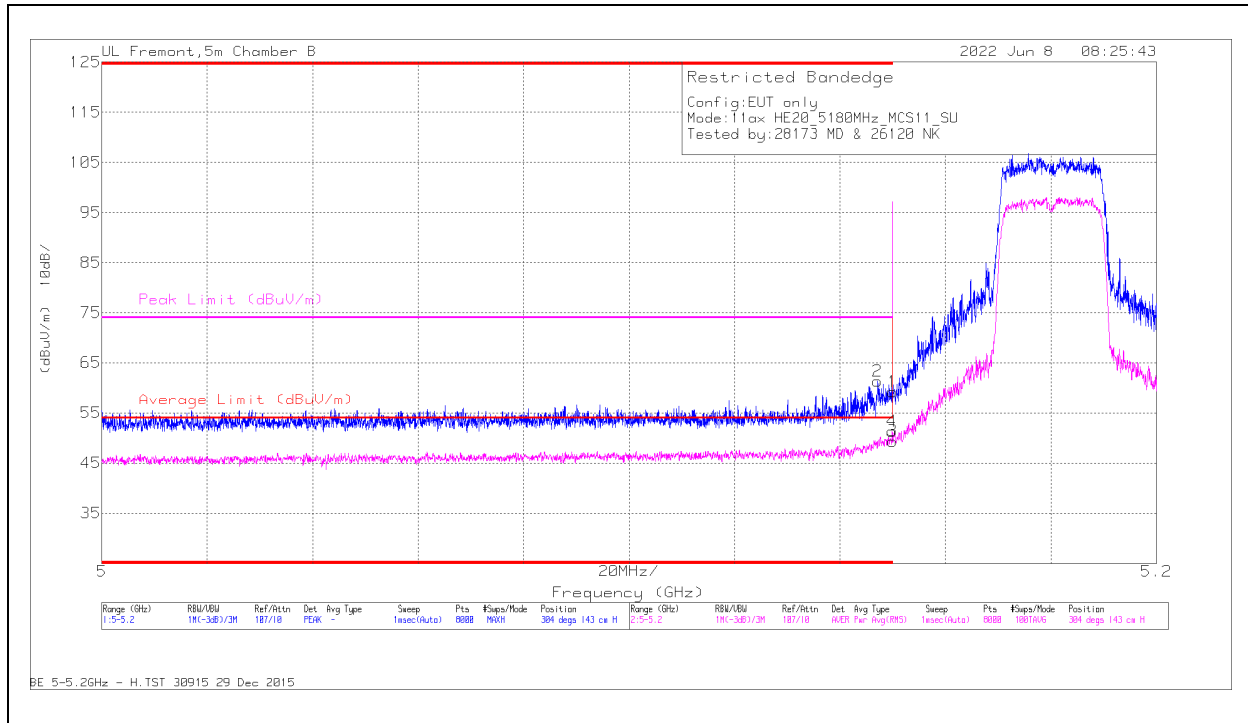
**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 40.91                | Pk  | 34.5              | -21.4            | 0            | 54.01                      | -                      | -           | 74                  | -19.99         | 105            | 216         | V        |
| 2      | * 5.149518      | 52.07                | Pk  | 34.5              | -21.4            | 0            | 65.17                      | -                      | -           | 74                  | -8.83          | 105            | 216         | V        |
| 3      | * 5.15          | 32.82                | RMS | 34.5              | -21.4            | .46          | 46.38                      | 54                     | -7.62       | -                   | -              | 105            | 216         | V        |
| 4      | * 5.147768      | 33.49                | RMS | 34.5              | -21.4            | .46          | 47.05                      | 54                     | -6.95       | -                   | -              | 105            | 216         | V        |

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

Pk - Peak detector

RMS - RMS detection

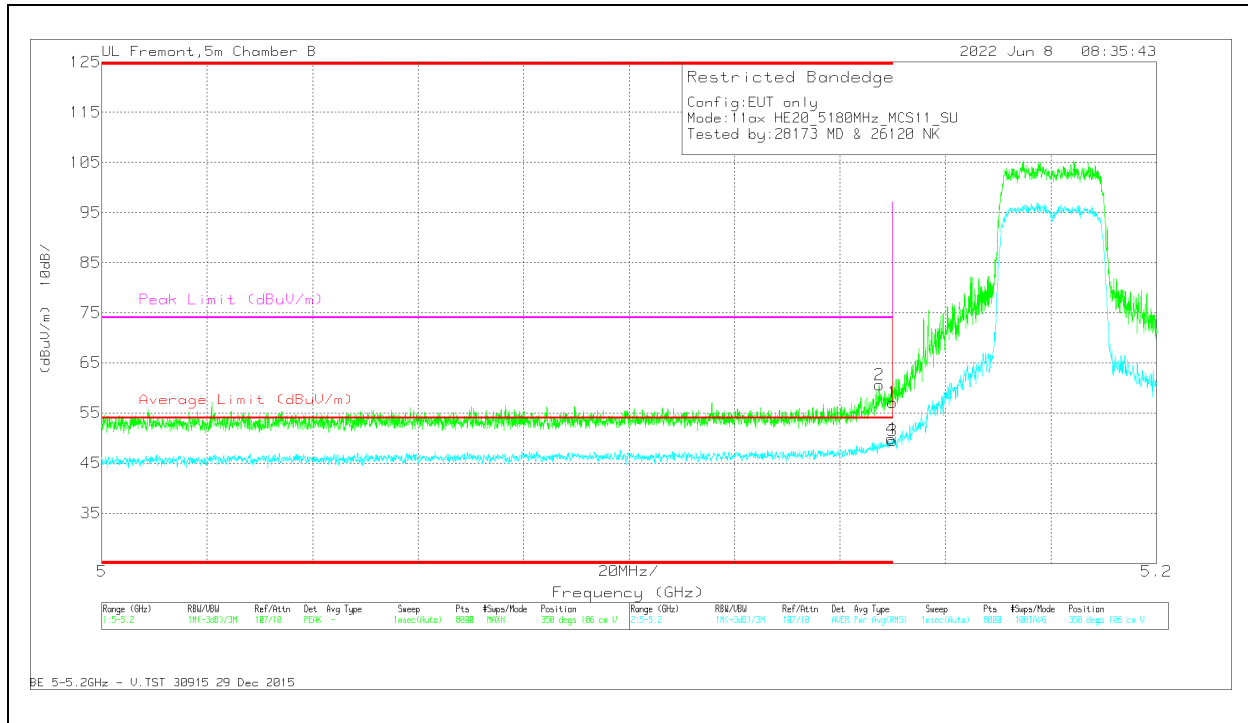
**1TX Antenna 6 MODE: SU, Single User****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 81886 ACF (dB) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 44.99                | Pk  | 34.7           | -20.5                  | 0            | 59.19                      | -                      | -           | 74                  | -14.81         | 304            | 143         | H        |
| 2      | * 5.147118      | 47.12                | Pk  | 34.7           | -20.5                  | 0            | 61.32                      | -                      | -           | 74                  | -12.68         | 304            | 143         | H        |
| 3      | * 5.15          | 34.61                | RMS | 34.7           | -20.5                  | .61          | 49.42                      | 54                     | -4.58       | -                   | -              | 304            | 143         | H        |
| 4      | * 5.149893      | 36.53                | RMS | 34.7           | -20.5                  | .61          | 51.34                      | 54                     | -2.66       | -                   | -              | 304            | 143         | H        |

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

Pk - Peak detector

RMS - RMS detection

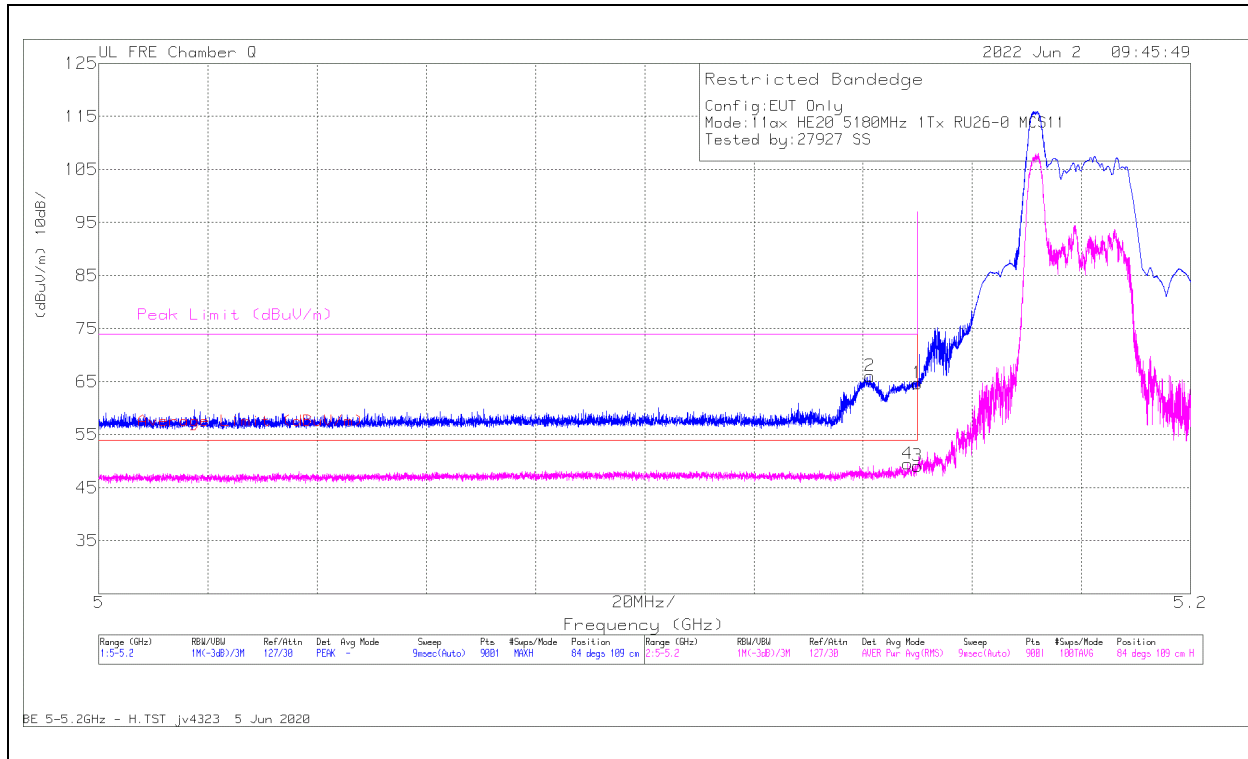
**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 81886 ACF (dB) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 42.95                | Pk  | 34.7           | -20.5                  | 0            | 57.15                      | -                      | -           | 74                  | -16.85         | 350            | 106         | V        |
| 2      | * 5.147418      | 46.35                | Pk  | 34.7           | -20.5                  | 0            | 60.55                      | -                      | -           | 74                  | -13.45         | 350            | 106         | V        |
| 3      | * 5.15          | 34.65                | RMS | 34.7           | -20.5                  | .61          | 49.46                      | 54                     | -4.54       | -                   | -              | 350            | 106         | V        |
| 4      | * 5.149743      | 35.03                | RMS | 34.7           | -20.5                  | .61          | 49.84                      | 54                     | -4.16       | -                   | -              | 350            | 106         | V        |

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

Pk - Peak detector

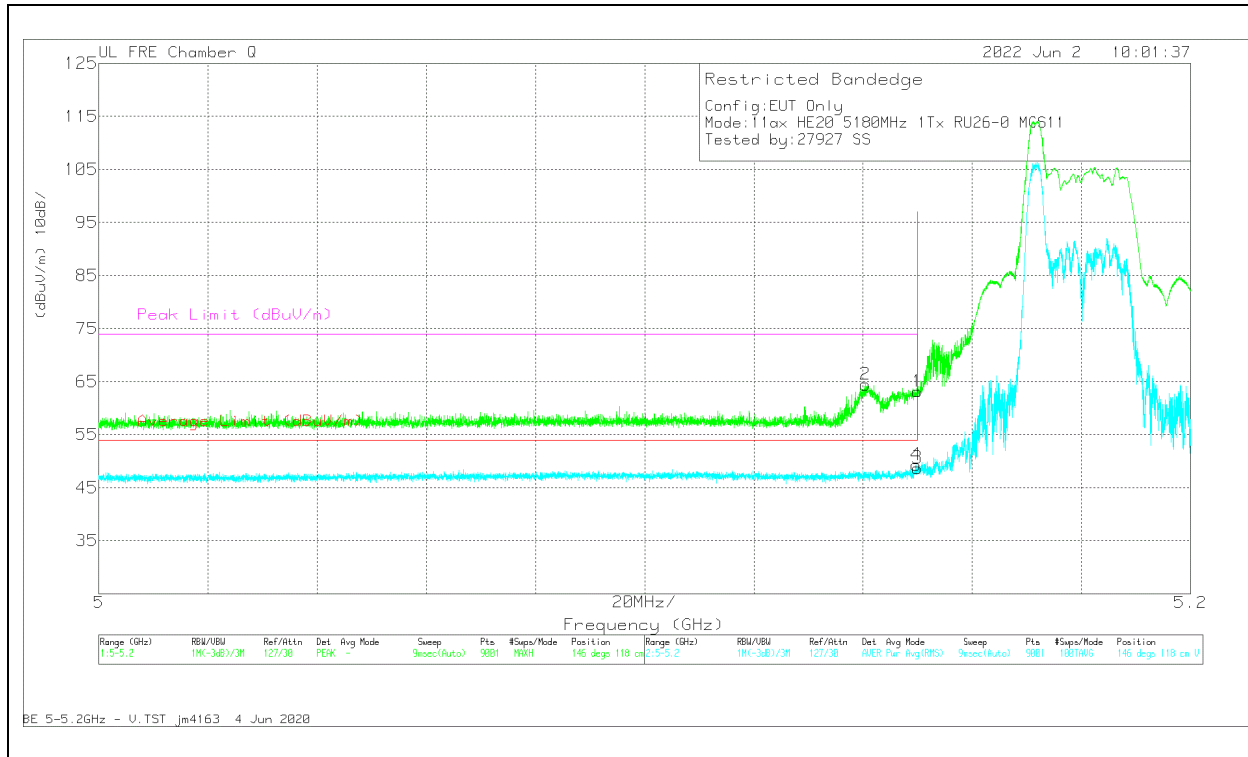
RMS - RMS detection

**1TX Antenna 5 MODE: 26-Tones, RU Index 0****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 200895 (dB/m) | Amp/Cbl/ Filt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.15            | 61.78                | Pk  | 34.3             | -31.4                  | 0            | 64.68                      | -                      | -           | 74                  | -9.32          | 84             | 109         | H        |
| 2      | 5.141221        | 63.23                | Pk  | 34.2             | -31.4                  | 0            | 66.03                      | -                      | -           | 74                  | -7.97          | 84             | 109         | H        |
| 3      | 5.15            | 45.72                | RMS | 34.3             | -31.4                  | .46          | 49.08                      | 54                     | -4.92       | -                   | -              | 84             | 109         | H        |
| 4      | 5.148132        | 46.13                | RMS | 34.3             | -31.4                  | .46          | 49.49                      | 54                     | -4.51       | -                   | -              | 84             | 109         | H        |

Pk - Peak detector

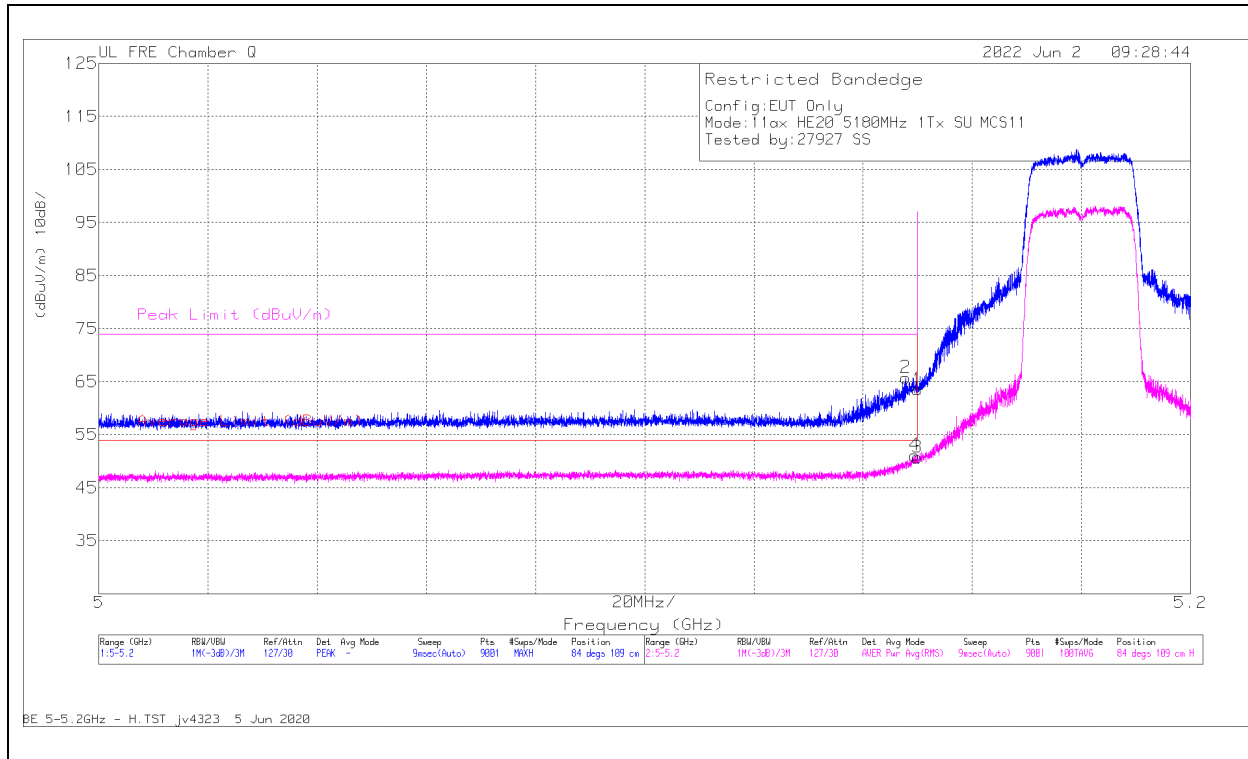
RMS - RMS detection

**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 200895 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.15            | 60.23                | Pk  | 34.3             | -31.4                 | 0            | 63.13                      | -                      | -           | 74                  | -10.87         | 146            | 118         | V        |
| 2      | 5.140399        | 61.65                | Pk  | 34.2             | -31.4                 | 0            | 64.45                      | -                      | -           | 74                  | -9.55          | 146            | 118         | V        |
| 3      | 5.15            | 45.31                | RMS | 34.3             | -31.4                 | .46          | 48.67                      | 54                     | -5.33       | -                   | -              | 146            | 118         | V        |
| 4      | 5.149687        | 45.92                | RMS | 34.3             | -31.4                 | .46          | 49.28                      | 54                     | -4.72       | -                   | -              | 146            | 118         | V        |

Pk - Peak detector

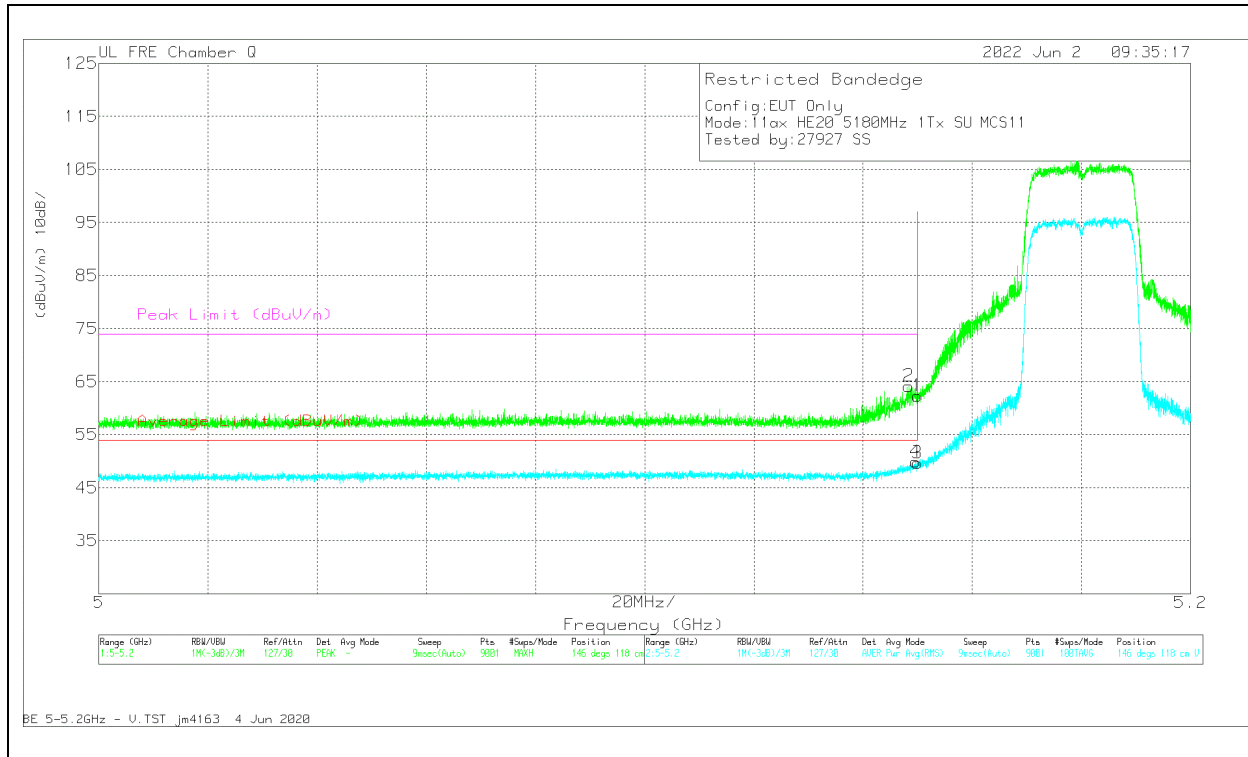
RMS - RMS detection

**1TX Antenna 5 MODE: SU, Single User****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 200895 (dB/m) | Amp/Cbl/Filtri/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|-------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.15            | 60.62                | Pk  | 34.3             | -31.4                   | 0            | 63.52                      | -                      | -           | 74                  | -10.48         | 84             | 109         | H        |
| 2      | 5.147799        | 62.83                | Pk  | 34.3             | -31.4                   | 0            | 65.73                      | -                      | -           | 74                  | -8.27          | 84             | 109         | H        |
| 3      | 5.15            | 47.18                | RMS | 34.3             | -31.4                   | .61          | 50.69                      | 54                     | -3.31       | -                   | -              | 84             | 109         | H        |
| 4      | 5.149487        | 47.62                | RMS | 34.3             | -31.4                   | .61          | 51.13                      | 54                     | -2.87       | -                   | -              | 84             | 109         | H        |

Pk - Peak detector

RMS - RMS detection

**VERTICAL RESULT**

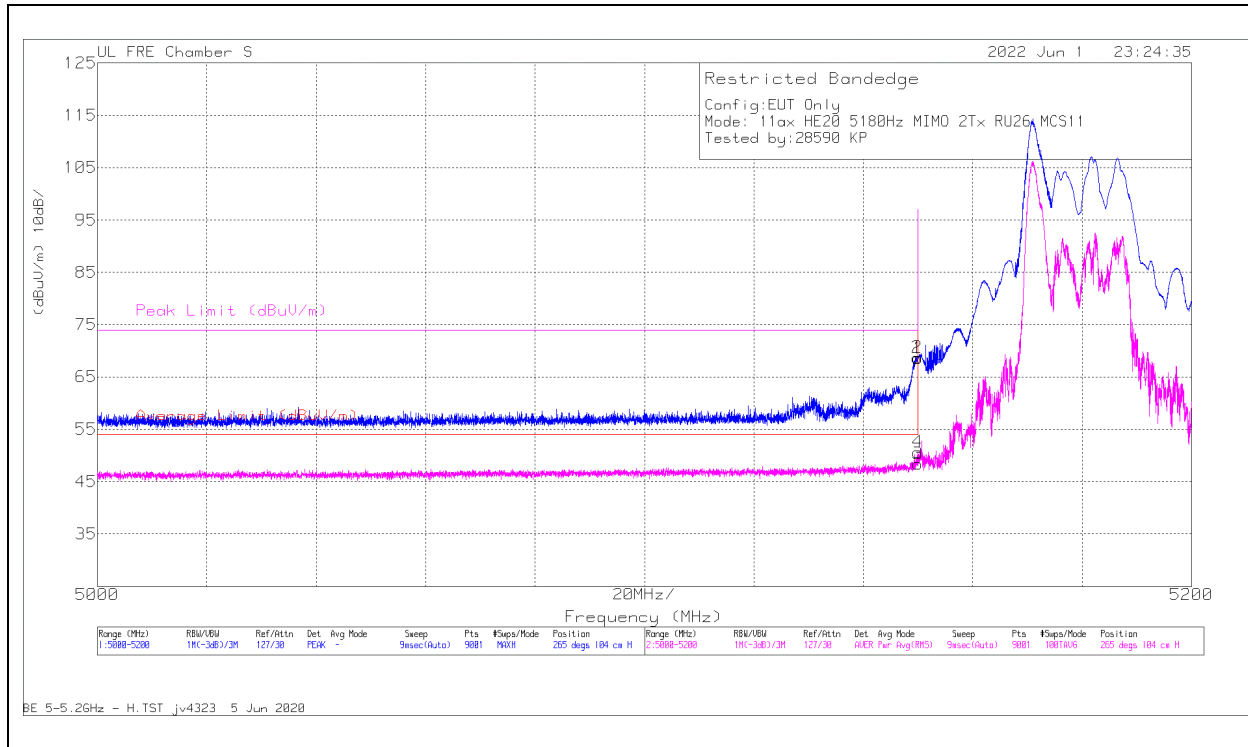
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 200895 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.15            | 59.38                | Pk  | 34.3             | -31.4                  | 0            | 62.28                      | -                      | -           | 74                  | -11.72         | 146            | 118         | V        |
| 2      | 5.148354        | 61.23                | Pk  | 34.3             | -31.4                  | 0            | 64.13                      | -                      | -           | 74                  | -9.87          | 146            | 118         | V        |
| 3      | 5.15            | 46.14                | RMS | 34.3             | -31.4                  | .61          | 49.65                      | 54                     | -4.35       | -                   | -              | 146            | 118         | V        |
| 4      | 5.149643        | 46.36                | RMS | 34.3             | -31.4                  | .61          | 49.87                      | 54                     | -4.13       | -                   | -              | 146            | 118         | V        |

Pk - Peak detector

RMS - RMS detection

**2TX Antenna 6 + Antenna 5 OFDMA MODE: 26-Tones, RU Index 0**  
**BANDEDGE (LOW CHANNEL)**

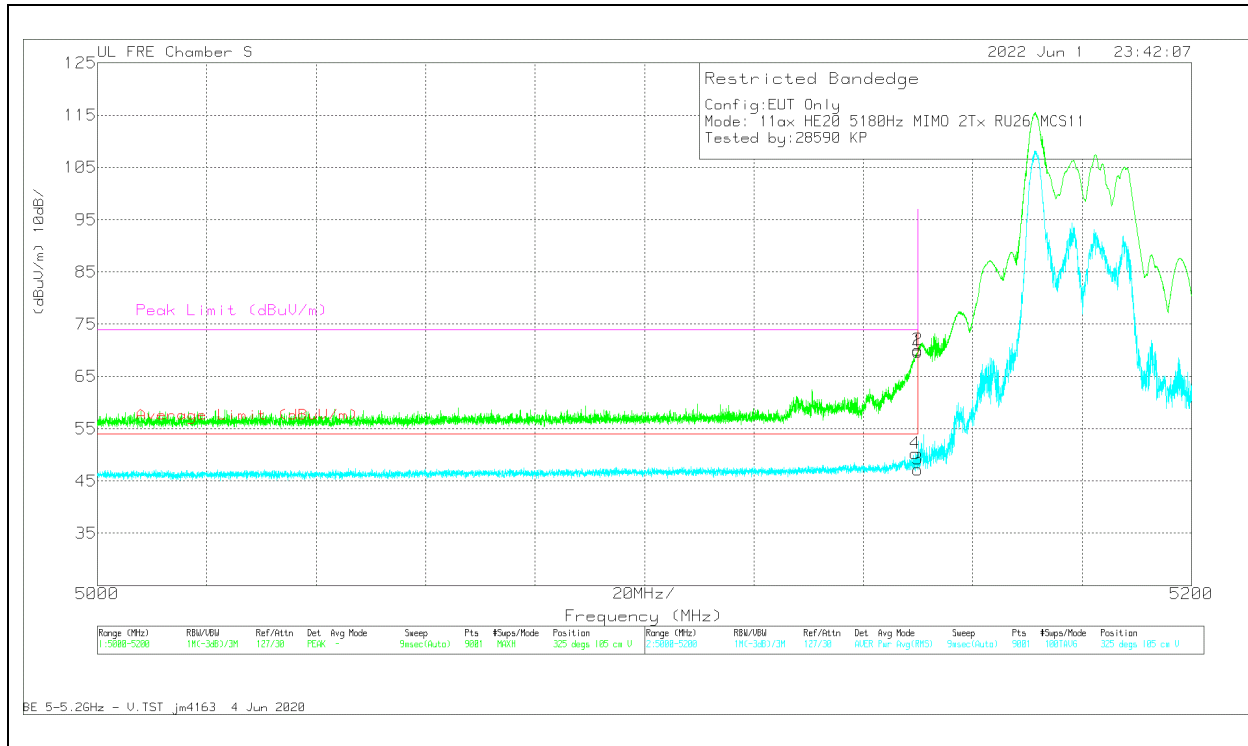
**HORIZONTAL RESULT**



| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | AF 206807 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5150            | 65.68                | Pk  | 34.5             | -31.6                 | 0            | 68.58                      | -                      | -           | 74                  | -5.42          | 265            | 104         | H        |
| 2      | 5149.887        | 65.84                | Pk  | 34.5             | -31.6                 | 0            | 68.74                      | -                      | -           | 74                  | -5.26          | 265            | 104         | H        |
| 3      | 5150            | 45.01                | RMS | 34.5             | -31.6                 | .46          | 48.37                      | 54                     | -5.63       | -                   | -              | 265            | 104         | H        |
| 4      | 5149.932        | 47.27                | RMS | 34.5             | -31.6                 | .46          | 50.63                      | 54                     | -3.37       | -                   | -              | 265            | 104         | H        |

Pk - Peak detector

RMS - RMS detection

**VERTICAL RESULT**

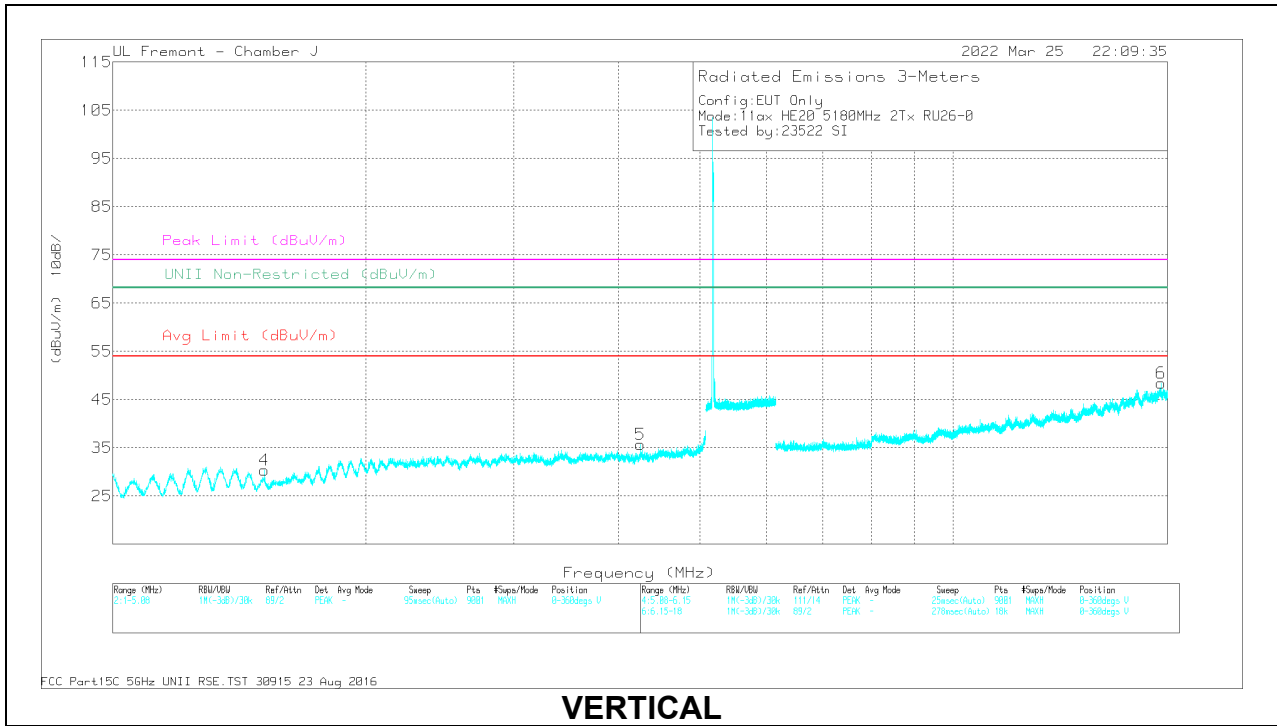
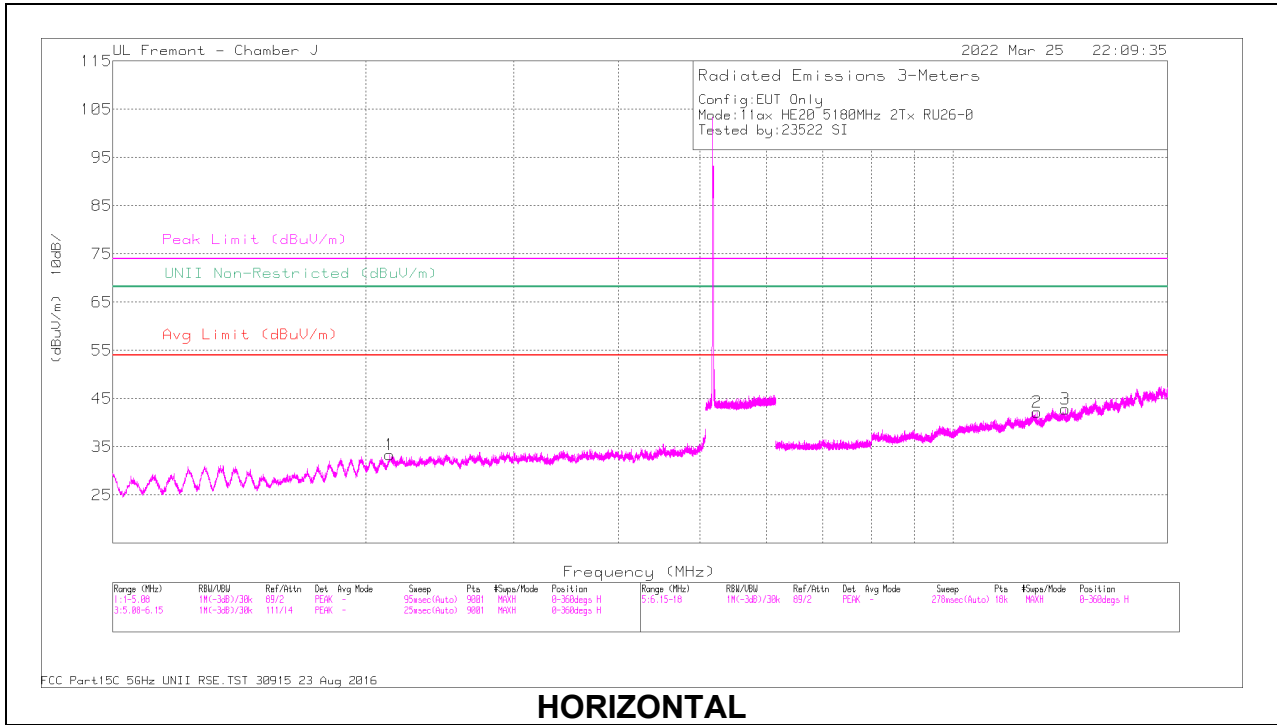
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | AF 206807 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5150            | 66.87                | Pk  | 34.5             | -31.6                 | 0            | 69.77                      | -                      | -           | 74                  | -4.23          | 325            | 105         | V        |
| 2      | 5149.976        | 67.15                | Pk  | 34.5             | -31.6                 | 0            | 70.05                      | -                      | -           | 74                  | -3.95          | 325            | 105         | V        |
| 3      | 5150            | 43.79                | RMS | 34.5             | -31.6                 | .46          | 47.15                      | 54                     | -6.85       | -                   | -              | 325            | 105         | V        |
| 4      | 5149.487        | 46.85                | RMS | 34.5             | -31.6                 | .46          | 50.21                      | 54                     | -3.79       | -                   | -              | 325            | 105         | V        |

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



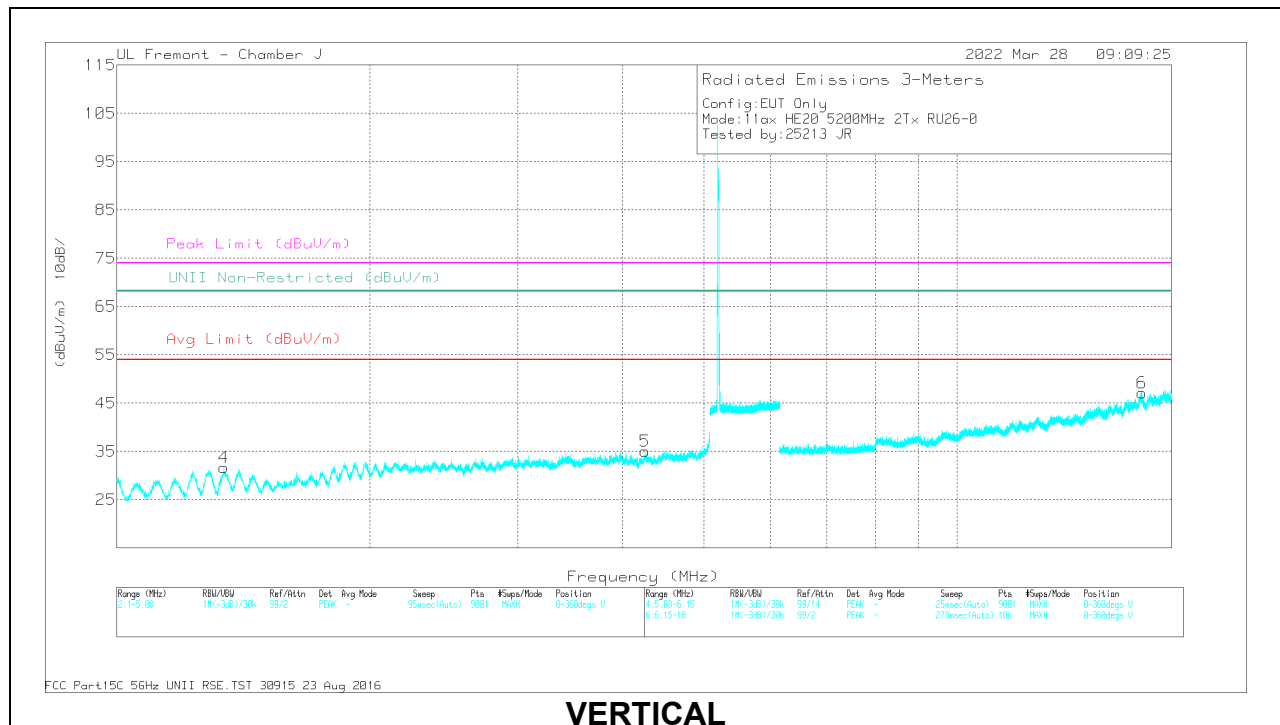
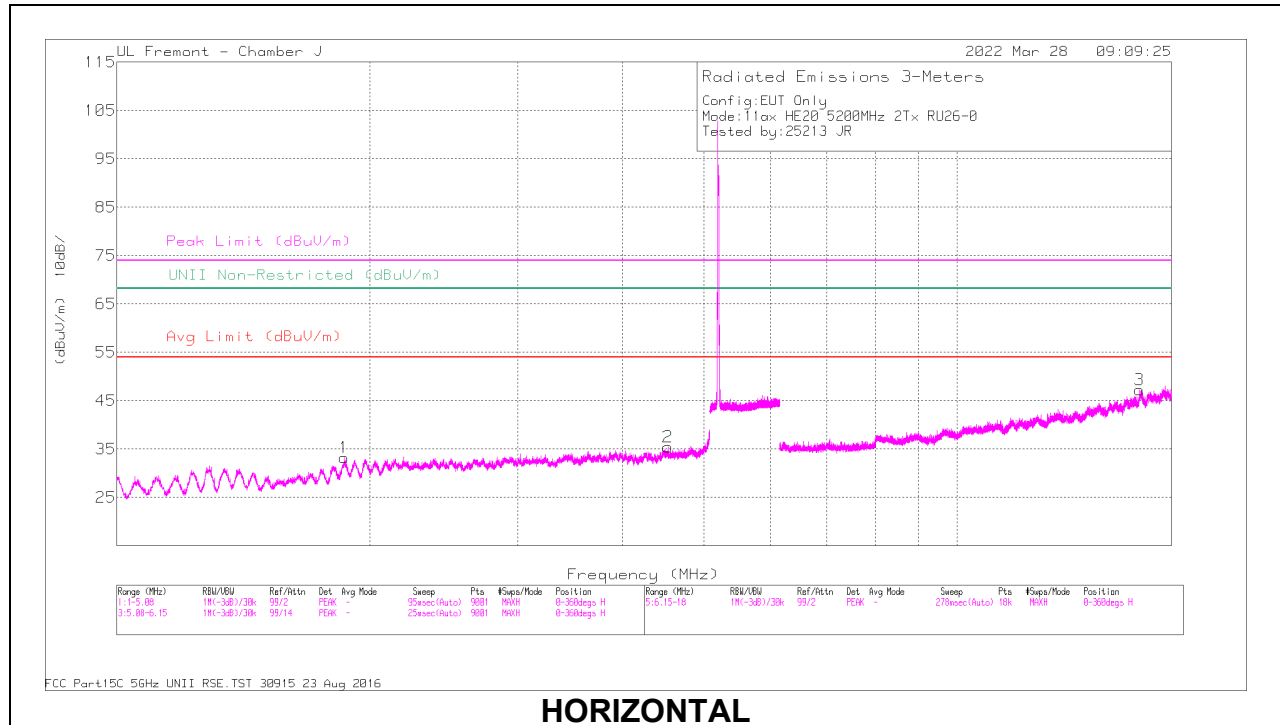
**RADIATED EMISSIONS**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det  | AF 206806 (dB/m) | Amp/Cb/Filt/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|----------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | 2134.561        | 61.58                | PK-U | 31.5             | -49.4                | 43.68                      | -                  | -           | -                   | -              | 68.2                         | -24.52         | 264            | 146         | H        |
| 2      | * 12596.782     | 54.91                | PK-U | 39.1             | -43.7                | 50.31                      | -                  | -           | 74                  | -23.69         | -                            | -              | 325            | 214         | H        |
|        | * 12596.665     | 44.01                | ADR  | 39.1             | -43.7                | 39.41                      | 54                 | -14.59      | -                   | -              | -                            | -              | 325            | 214         | H        |
| 3      | 13606.802       | 56.69                | PK-U | 38.7             | -43.7                | 51.69                      | -                  | -           | -                   | -              | 68.2                         | -16.51         | 177            | 362         | H        |
| 4      | * 1513.088      | 59.68                | PK-U | 28.1             | -48.9                | 38.88                      | -                  | -           | 74                  | -35.12         | -                            | -              | 63             | 279         | V        |
|        | * 1512.826      | 48.14                | ADR  | 28.1             | -48.9                | 27.34                      | 54                 | -26.66      | -                   | -              | -                            | -              | 63             | 279         | V        |
| 5      | * 4245.07       | 57.47                | PK-U | 33.4             | -47.3                | 43.57                      | -                  | -           | 74                  | -30.43         | -                            | -              | 307            | 379         | V        |
|        | * 4246.648      | 46.45                | ADR  | 33.4             | -47.3                | 32.55                      | 54                 | -21.45      | -                   | -              | -                            | -              | 307            | 379         | V        |
| 6      | 17686.41        | 56.36                | PK-U | 41.6             | -41.3                | 56.66                      | -                  | -           | -                   | -              | 68.2                         | -11.54         | 119            | 169         | 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 RESULTS**

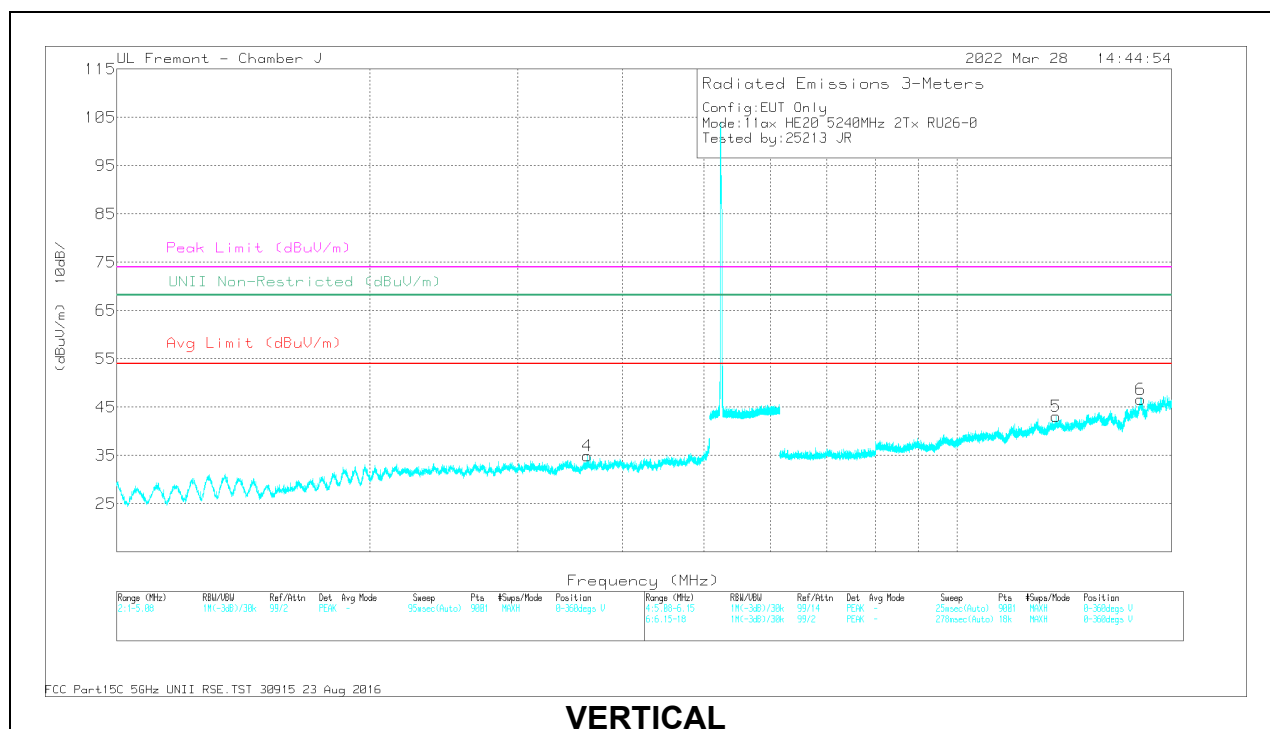
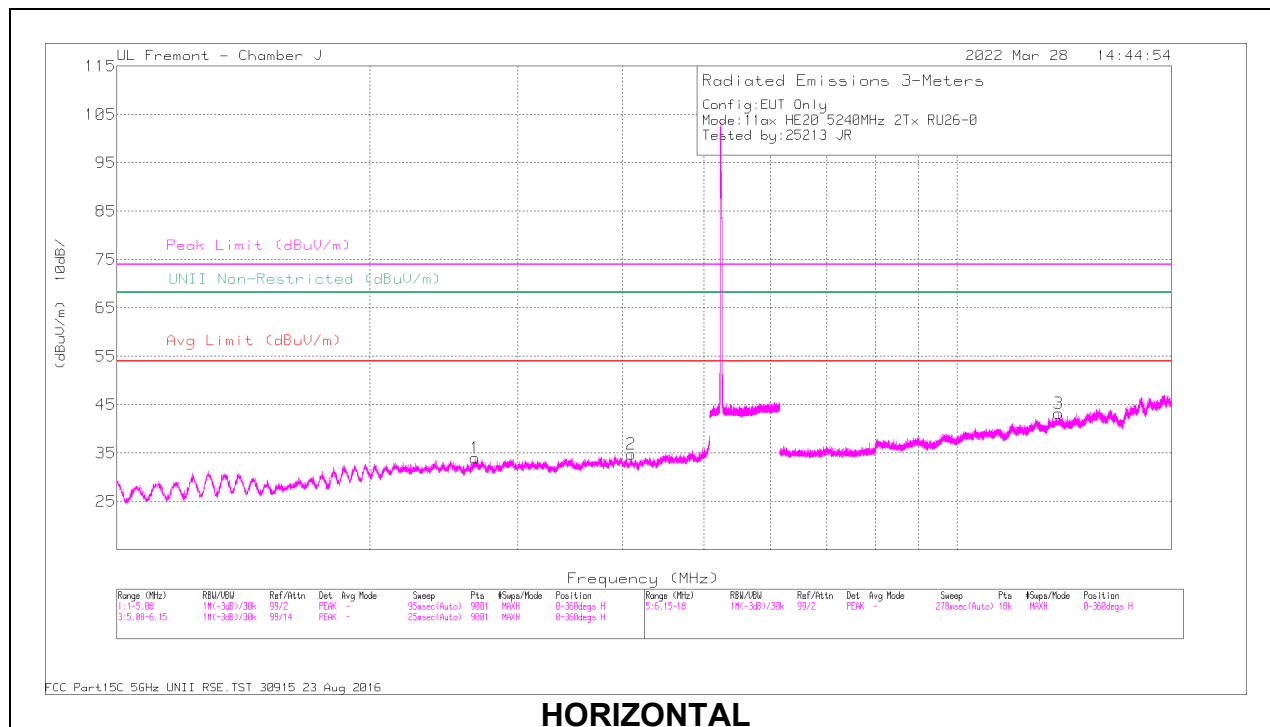
**RADIATED EMISSIONS**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det  | AF 206806 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | 1867.347        | 61.77                | PK-U | 30.7             | -49.3                  | 43.17                      | -                  | -           | -                   | -              | 68.2                         | -25.03         | 344            | 111         | H        |
| 2      | * 4529.19       | 57.74                | PK-U | 34               | -47                    | 44.74                      | -                  | -           | 74                  | -29.26         | -                            | -              | 144            | 182         | H        |
|        | * 4527.679      | 45.86                | ADR  | 34               | -47                    | 32.86                      | 54                 | -21.14      | -                   | -              | -                            | -              | 144            | 182         | H        |
| 3      | 16485.337       | 56.45                | PK-U | 41.3             | -42.1                  | 55.65                      | -                  | -           | -                   | -              | 68.2                         | -12.55         | 30             | 375         | H        |
| 4      | * 1338.543      | 60.69                | PK-U | 28.8             | -49                    | 40.49                      | -                  | -           | 74                  | -33.51         | -                            | -              | 100            | 188         | V        |
|        | * 1341.568      | 49.68                | ADR  | 28.9             | -49                    | 29.58                      | 54                 | -24.42      | -                   | -              | -                            | -              | 100            | 188         | V        |
| 5      | * 4254.932      | 57.98                | PK-U | 33.3             | -47.2                  | 44.08                      | -                  | -           | 74                  | -29.92         | -                            | -              | 93             | 222         | V        |
|        | * 4253.909      | 46.23                | ADR  | 33.3             | -47.2                  | 32.33                      | 54                 | -21.67      | -                   | -              | -                            | -              | 93             | 222         | V        |
| 6      | 16602.713       | 56.17                | PK-U | 41.4             | -42.1                  | 55.47                      | -                  | -           | -                   | -              | 68.2                         | -12.73         | 178            | 350         | 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 RESULTS**

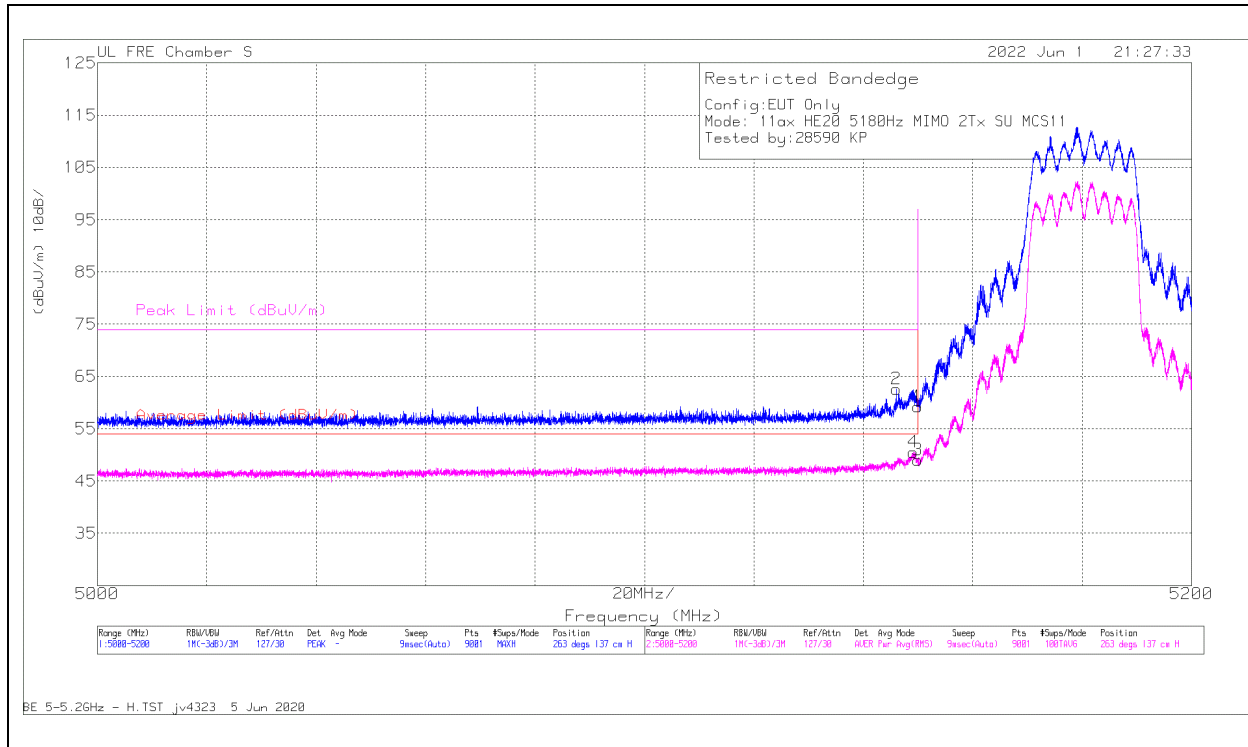
**RADIATED EMISSIONS**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det  | AF 206806 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Dogs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 2669.761      | 59                   | PK-U | 32.4             | -48.4                  | 43                         | -                  | -           | 74                  | -31            | -                            | -              | 263            | 343         | H        |
|        | * 2668.531      | 47.75                | ADR  | 32.4             | -48.4                  | 31.75                      | 54                 | -22.25      | -                   | -              | -                            | -              | 263            | 343         | H        |
| 2      | * 4093.668      | 57.18                | PK-U | 33.3             | -47.1                  | 43.38                      | -                  | -           | 74                  | -30.62         | -                            | -              | 193            | 284         | H        |
|        | * 4093.364      | 45.78                | ADR  | 33.3             | -47.1                  | 31.98                      | 54                 | -22.02      | -                   | -              | -                            | -              | 193            | 284         | H        |
| 3      | 13213.96        | 56.36                | PK-U | 39.2             | -43.9                  | 51.66                      | -                  | -           | -                   | -              | 68.2                         | -16.54         | 37             | 321         | H        |
| 4      | * 3632.605      | 57.63                | PK-U | 33.1             | -47                    | 43.73                      | -                  | -           | 74                  | -30.27         | -                            | -              | 271            | 281         | V        |
|        | * 3630.687      | 45.71                | ADR  | 33.1             | -47                    | 31.81                      | 54                 | -22.19      | -                   | -              | -                            | -              | 271            | 281         | V        |
| 5      | 13110.02        | 56.48                | PK-U | 39.3             | -44.2                  | 51.58                      | -                  | -           | -                   | -              | 68.2                         | -16.62         | 352            | 363         | V        |
| 6      | 16555.619       | 55.89                | PK-U | 41.4             | -41.4                  | 55.89                      | -                  | -           | -                   | -              | 68.2                         | -12.31         | 118            | 249         | V        |

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

PK-U - U-NII: Maximum Peak

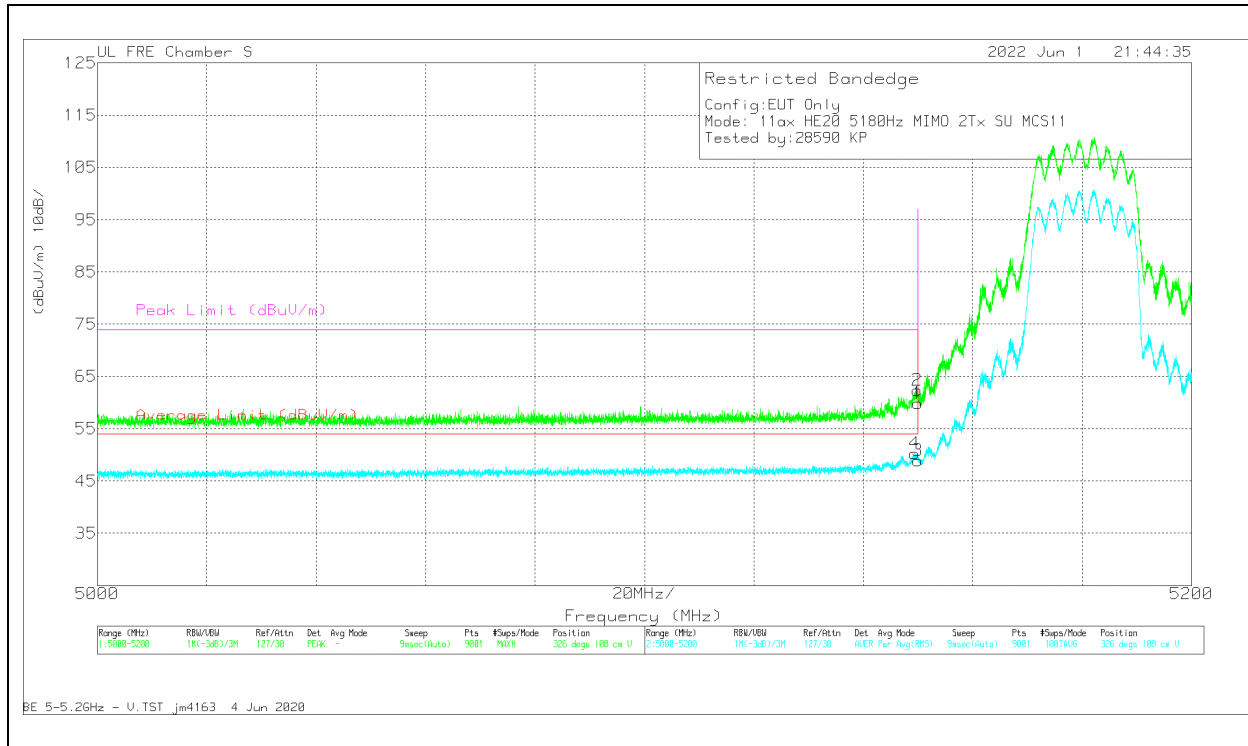
ADR - U-NII AD primary method, RMS average

**2TX Antenna 6 + Antenna 5 OFDMA MODE: SU, Single User****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | AF 206807 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5150            | 56.37                | Pk  | 34.5             | -31.6                  | 0            | 59.27                      | -                      | -           | 74                  | -14.73         | 263            | 137         | H        |
| 2      | 5145.999        | 59.7                 | Pk  | 34.5             | -31.6                  | 0            | 62.6                       | -                      | -           | 74                  | -11.4          | 263            | 137         | H        |
| 3      | 5150            | 45.43                | RMS | 34.5             | -31.6                  | .61          | 48.94                      | 54                     | -5.06       | -                   | -              | 263            | 137         | H        |
| 4      | 5149.154        | 46.97                | RMS | 34.5             | -31.6                  | .61          | 50.48                      | 54                     | -3.52       | -                   | -              | 263            | 137         | H        |

Pk - Peak detector

RMS - RMS detection

**VERTICAL RESULT**

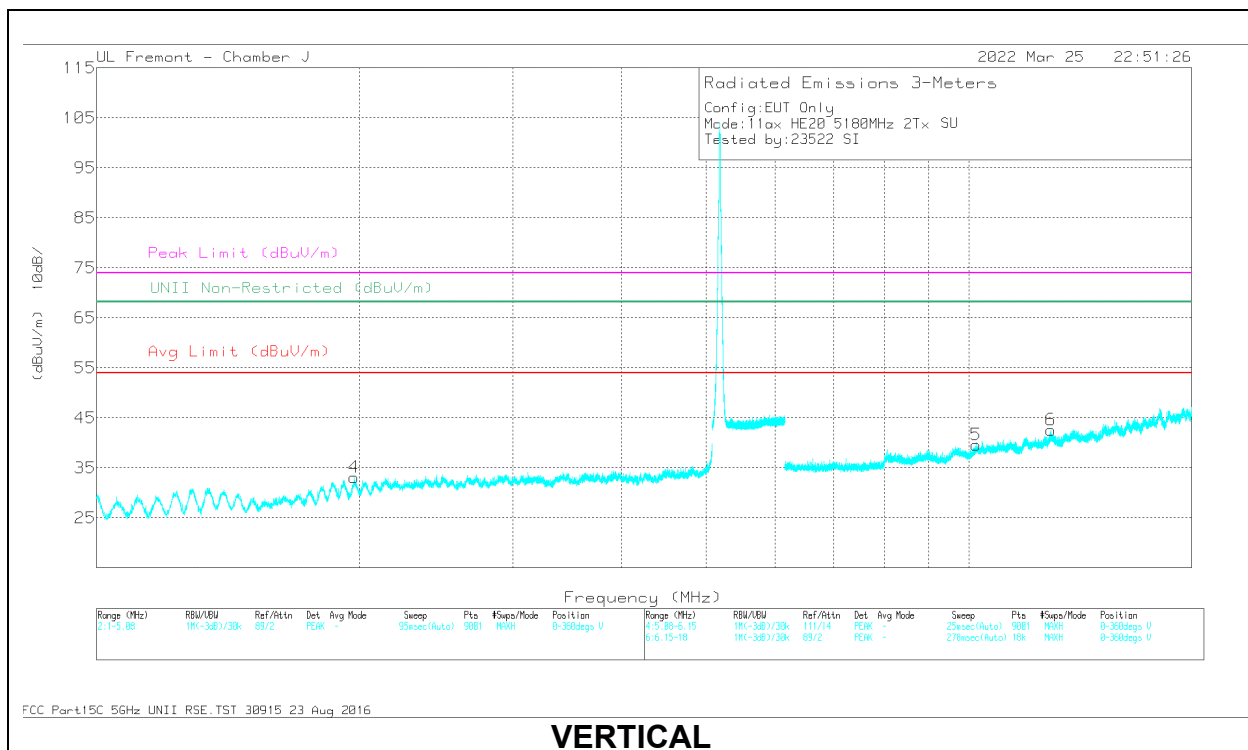
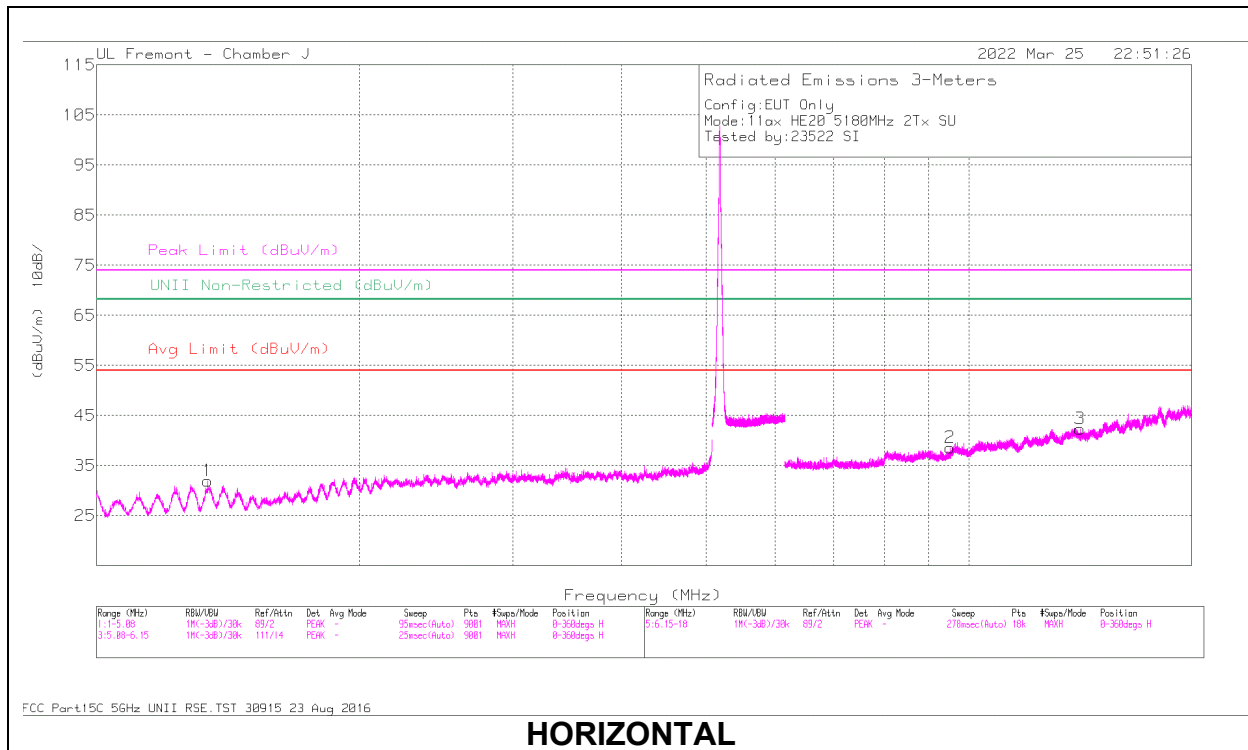
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | AF 206807 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5150            | 56.97                | Pk  | 34.5             | -31.6                  | 0            | 59.87                      | -                      | -           | 74                  | -14.13         | 326            | 108         | V        |
| 2      | 5149.865        | 59.5                 | Pk  | 34.5             | -31.6                  | 0            | 62.4                       | -                      | -           | 74                  | -11.6          | 326            | 108         | V        |
| 3      | 5150            | 45.29                | RMS | 34.5             | -31.6                  | .61          | 48.80                      | 54                     | -5.20       | -                   | -              | 326            | 108         | V        |
| 4      | 5149.421        | 46.67                | RMS | 34.5             | -31.6                  | .61          | 50.18                      | 54                     | -3.82       | -                   | -              | 326            | 108         | V        |

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**RADIATED EMISSIONS**

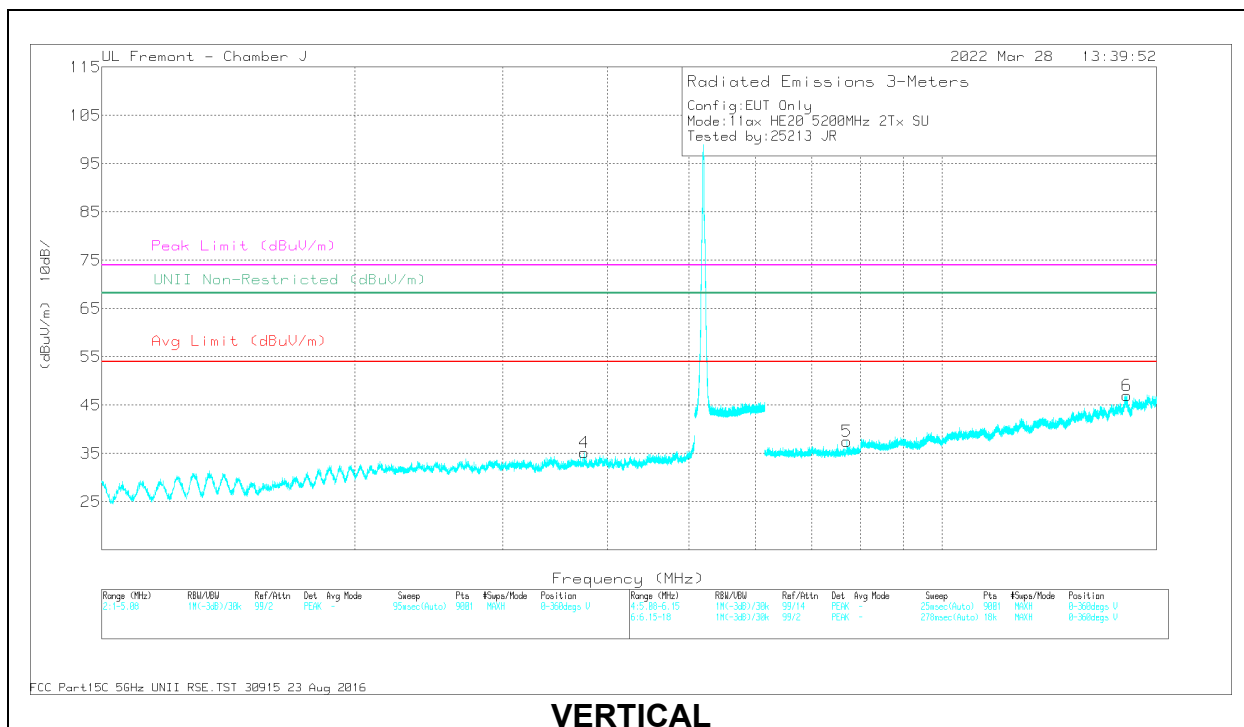
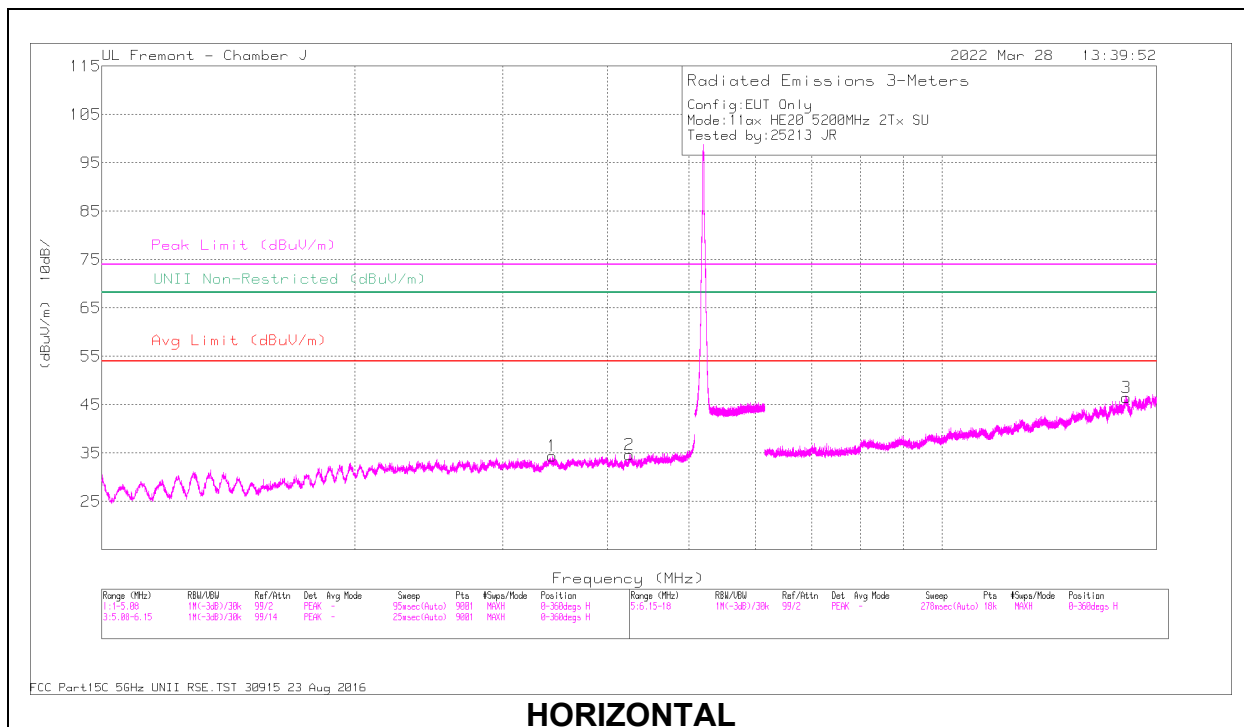
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det  | AF 206806 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | * 1339.042      | 60.98                | PK-U | 28.8             | -49                    | 0            | 40.78                      | -                  | -           | 74                  | -33.22         | -                            | -              | 98             | 117         | H        |
|        | * 1340.762      | 49.6                 | ADR  | 28.9             | -49                    | 0.1          | 29.6                       | 54                 | -24.4       | -                   | -              | -                            | -              | 98             | 117         | H        |
| 2      | 9514.891        | 56.07                | PK-U | 36.5             | -45.2                  | 0            | 47.37                      | -                  | -           | -                   | -              | 68.2                         | -20.83         | 71             | 319         | H        |
| 3      | 13408.993       | 56.98                | PK-U | 39               | -44.2                  | 0            | 51.78                      | -                  | -           | -                   | -              | 68.2                         | -16.42         | 359            | 106         | H        |
| 4      | 1974.193        | 60.36                | PK-U | 31.1             | -48.9                  | 0            | 42.56                      | -                  | -           | -                   | -              | 68.2                         | -25.64         | 28             | 263         | V        |
| 5      | 10199.485       | 57.21                | PK-U | 37.3             | -45.5                  | 0            | 49.01                      | -                  | -           | -                   | -              | 68.2                         | -19.19         | 238            | 106         | V        |
| 6      | * 12429.042     | 55.55                | PK-U | 39.1             | -43.4                  | 0            | 51.25                      | -                  | -           | 74                  | -22.75         | -                            | -              | 241            | 350         | V        |
|        | * 12429.686     | 44.14                | ADR  | 39.1             | -43.4                  | 0.1          | 39.94                      | 54                 | -14.06      | -                   | -              | -                            | -              | 241            | 350         | 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 RESULTS



**RADIATED EMISSIONS**

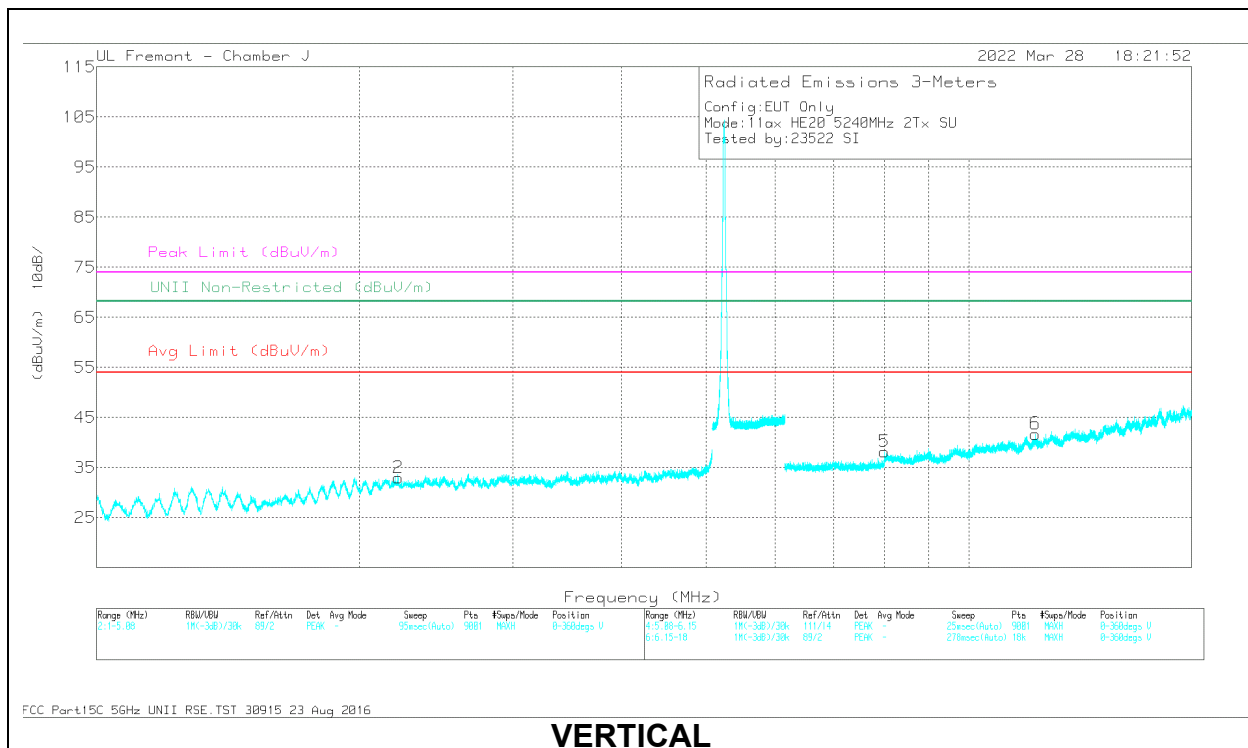
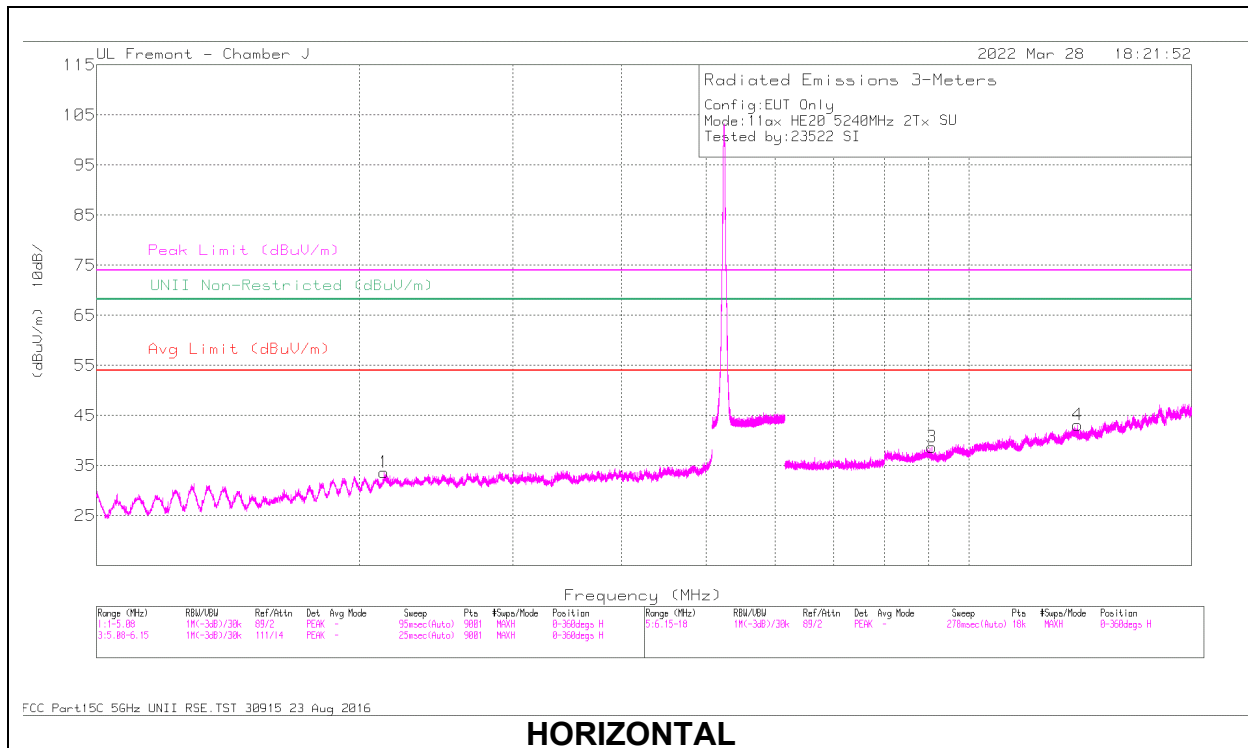
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det  | AF 206806 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|-----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | 3439.725        | 57.95                | PK-U | 32.6             | -46.4                 | 0            | 44.15                      | -                  | -           | -                   | -              | 68.2                         | -24.05         | 64             | 105         | H        |
| 2      | * 4247.651      | 58.04                | PK-U | 33.4             | -47.3                 | 0            | 44.14                      | -                  | -           | 74                  | -29.86         | -                            | -              | 99             | 148         | H        |
|        | * 4248.071      | 46.07                | ADR  | 33.4             | -47.3                 | 0.1          | 32.27                      | 54                 | -21.73      | -                   | -              | -                            | -              | 99             | 148         | H        |
| 3      | 16570.161       | 56.05                | PK-U | 41.3             | -41.8                 | 0            | 55.55                      | -                  | -           | -                   | -              | 68.2                         | -12.65         | 193            | 298         | H        |
| 4      | * 3754.433      | 57.02                | PK-U | 33.6             | -46.8                 | 0            | 43.82                      | -                  | -           | 74                  | -30.18         | -                            | -              | 312            | 198         | V        |
|        | * 3756.607      | 45.31                | ADR  | 33.6             | -46.8                 | 0.1          | 32.21                      | 54                 | -21.79      | -                   | -              | -                            | -              | 312            | 198         | V        |
| 5      | * 7710.514      | 55.43                | PK-U | 35.8             | -45.7                 | 0            | 45.53                      | -                  | -           | 74                  | -28.47         | -                            | -              | 122            | 132         | V        |
|        | * 7710.93       | 43.95                | ADR  | 35.8             | -45.7                 | 0.1          | 34.15                      | 54                 | -19.85      | -                   | -              | -                            | -              | 122            | 132         | V        |
| 6      | 16611.76        | 56.69                | PK-U | 41.4             | -42                   | 0            | 56.09                      | -                  | -           | -                   | -              | 68.2                         | -12.11         | 324            | 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

## HIGH CHANNEL RESULTS



**RADIATED EMISSIONS**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det  | AF 20680 6 (dB/m) | Amp/ Cbl/Fit r/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|-------------------|-------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | 2138.591        | 60.78                | PK-U | 31.6              | -49.3                   | 0            | 43.08                      | -                  | -           | -                   | -              | 68.2                         | -25.12         | 120            | 364         | H        |
| 2      | * 2220.999      | 59.86                | PK-U | 31.6              | -49.1                   | 0            | 42.36                      | -                  | -           | 74                  | -31.64         | -                            | -              | 173            | 326         | V        |
|        | * 2217.518      | 48.24                | ADR  | 31.7              | -49                     | 0.1          | 31.04                      | 54                 | -22.96      | -                   | -              | -                            | -              | 173            | 326         | V        |
| 3      | * 9072.317      | 55.75                | PK-U | 36.3              | -45                     | 0            | 47.05                      | -                  | -           | 74                  | -26.95         | -                            | -              | 234            | 155         | H        |
|        | * 9072.882      | 44.36                | ADR  | 36.3              | -45                     | 0.1          | 35.76                      | 54                 | -18.24      | -                   | -              | -                            | -              | 234            | 155         | H        |
| 4      | * 13314.913     | 56.31                | PK-U | 39.2              | -44                     | 0            | 51.51                      | -                  | -           | 74                  | -22.49         | -                            | -              | 38             | 180         | H        |
|        | * 13313.931     | 44.42                | ADR  | 39.2              | -44                     | 0.1          | 39.72                      | 54                 | -14.28      | -                   | -              | -                            | -              | 38             | 180         | H        |
| 5      | 8003.177        | 56.95                | PK-U | 35.8              | -45.4                   | 0            | 47.35                      | -                  | -           | -                   | -              | 68.2                         | -20.85         | 315            | 295         | V        |
| 6      | * 11927.637     | 54.66                | PK-U | 38.7              | -43.4                   | 0            | 49.96                      | -                  | -           | 74                  | -24.04         | -                            | -              | 187            | 366         | V        |
|        | * 11926.068     | 43.35                | ADR  | 38.7              | -43.4                   | 0.1          | 38.75                      | 54                 | -15.25      | -                   | -              | -                            | -              | 187            | 366         | V        |

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

PK-U - U-NII: Maximum Peak

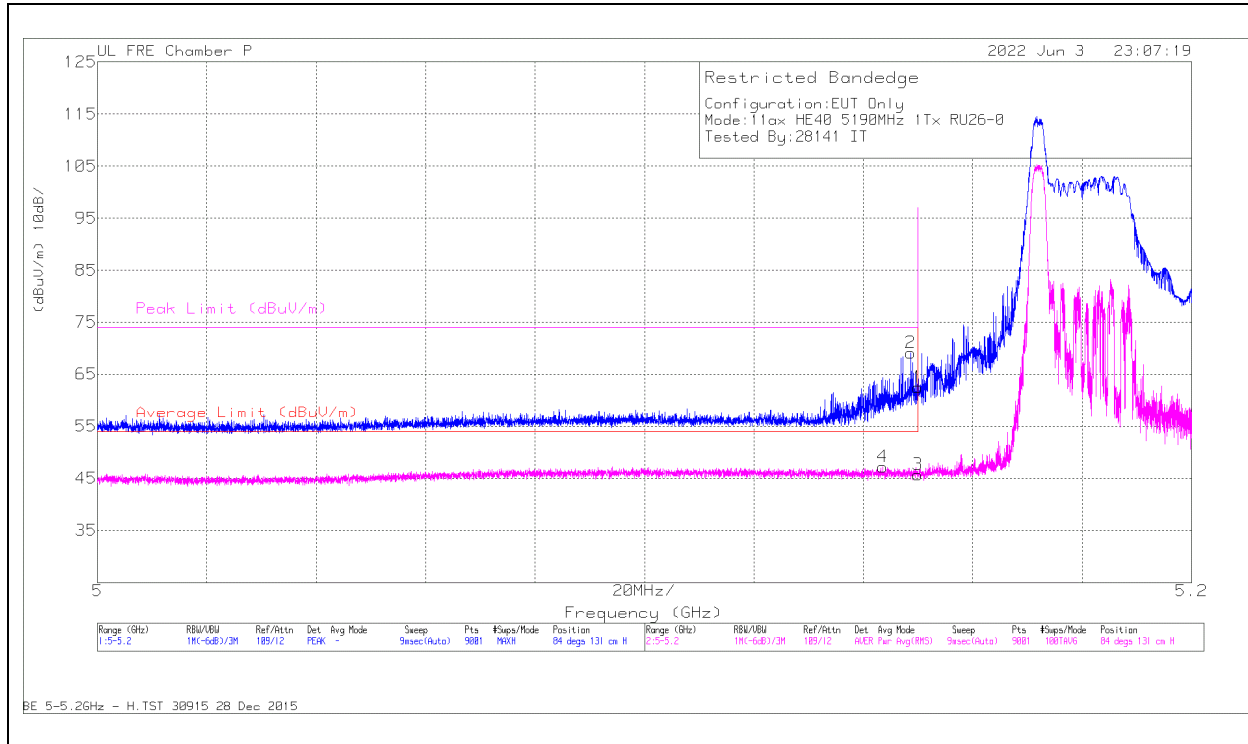
ADR - U-NII AD primary method, RMS average

## 1.1.5. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.2GHz BAND

### 1TX Antenna 6 MODE: 26-Tones, RU Index 0

### BANDEDGE (LOW CHANNEL)

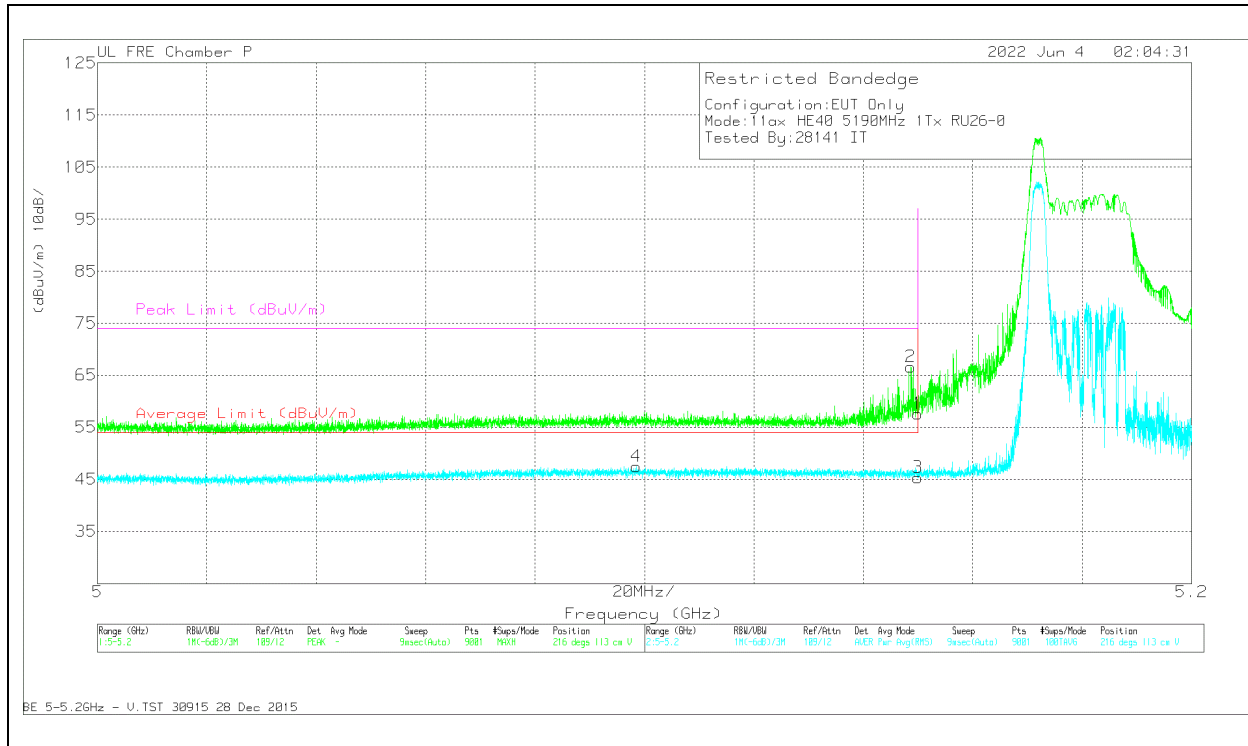
#### HORIZONTAL RESULT



| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 41112 (dB/m) | Amp/Cbl/Fitr (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|-------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.15            | 39.51                | Pk  | 34.4            | -11.4             | 0            | 62.51                      | -                      | -           | 74                  | -11.49         | 84             | 131         | H        |
| 2      | 5.14871         | 46.12                | Pk  | 34.4            | -11.4             | 0            | 69.12                      | -                      | -           | 74                  | -4.88          | 84             | 131         | H        |
| 3      | 5.15            | 22.28                | RMS | 34.4            | -11.4             | .46          | 45.74                      | 54                     | -8.26       | -                   | -              | 84             | 131         | H        |
| 4      | 5.143532        | 23.77                | RMS | 34.4            | -11.4             | .46          | 47.23                      | 54                     | -6.77       | -                   | -              | 84             | 131         | H        |

Pk - Peak detector

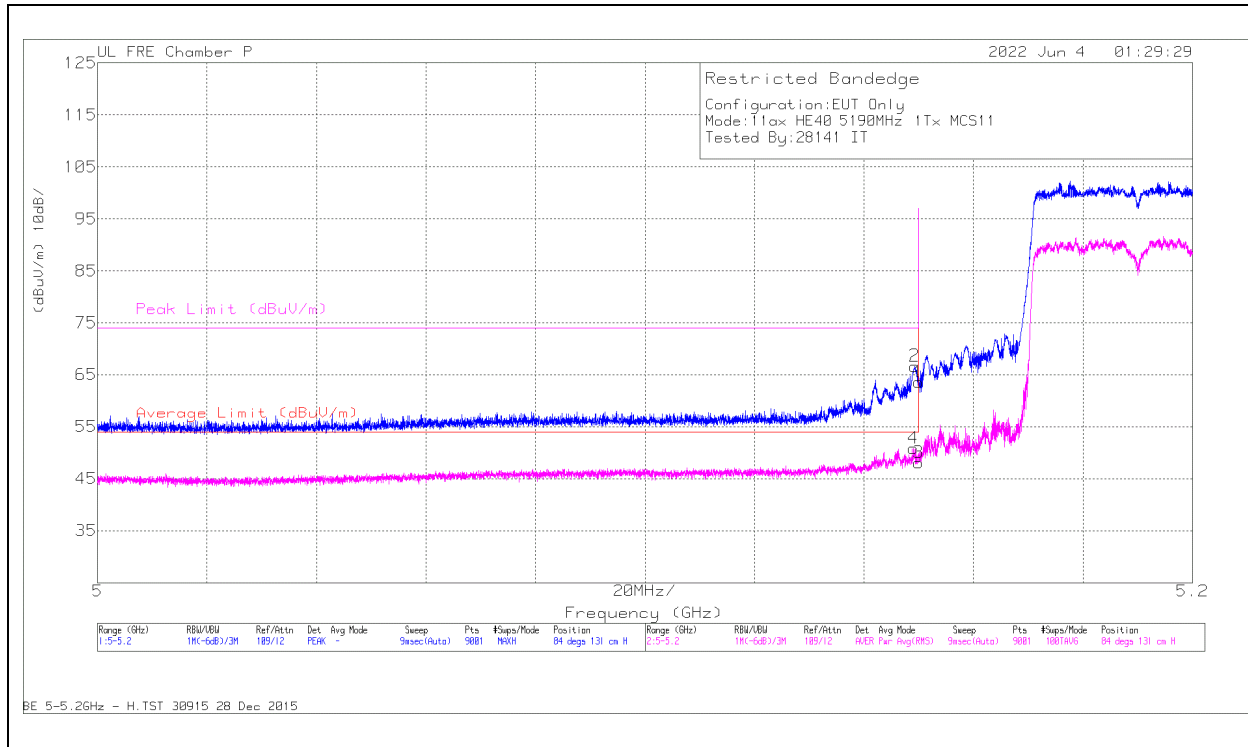
RMS - RMS detection

**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 41112 (dB/m) | Amp/Cbl/Fitr (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|-------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.15            | 34.57                | Pk  | 34.4            | -11.4             | 0            | 57.57                      | -                      | -           | 74                  | -16.43         | 216            | 113         | V        |
| 2      | 5.14871         | 43.61                | Pk  | 34.4            | -11.4             | 0            | 66.61                      | -                      | -           | 74                  | -7.39          | 216            | 113         | V        |
| 3      | 5.15            | 21.88                | RMS | 34.4            | -11.4             | .46          | 45.34                      | 54                     | -8.66       | -                   | -              | 216            | 113         | V        |
| 4      | 5.098466        | 24.31                | RMS | 34.3            | -11.6             | .46          | 47.47                      | 54                     | -6.53       | -                   | -              | 216            | 113         | V        |

Pk - Peak detector

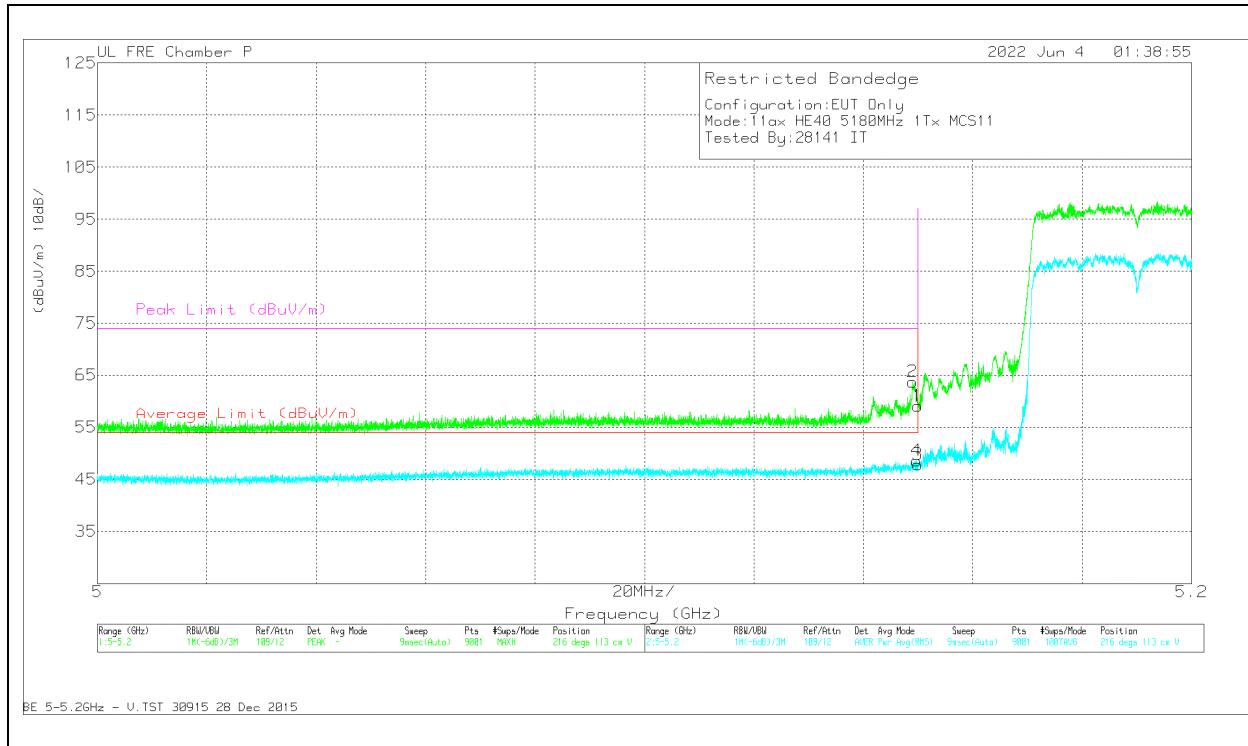
RMS - RMS detection

**1TX Antenna 6 MODE: SU, Single User****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 41112 (dB/m) | Amp/Cbl/Fitr (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|-------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.15            | 40.65                | Pk  | 34.4            | -11.4             | 0            | 63.65                      | -                      | -           | 74                  | -10.35         | 84             | 131         | H        |
| 2      | 5.149265        | 43.67                | Pk  | 34.4            | -11.4             | 0            | 66.67                      | -                      | -           | 74                  | -7.33          | 84             | 131         | H        |
| 3      | 5.15            | 24.35                | RMS | 34.4            | -11.4             | .8           | 48.15                      | 54                     | -5.85       | -                   | -              | 84             | 131         | H        |
| 4      | 5.148999        | 27.01                | RMS | 34.4            | -11.4             | .8           | 50.81                      | 54                     | -3.19       | -                   | -              | 84             | 131         | H        |

Pk - Peak detector

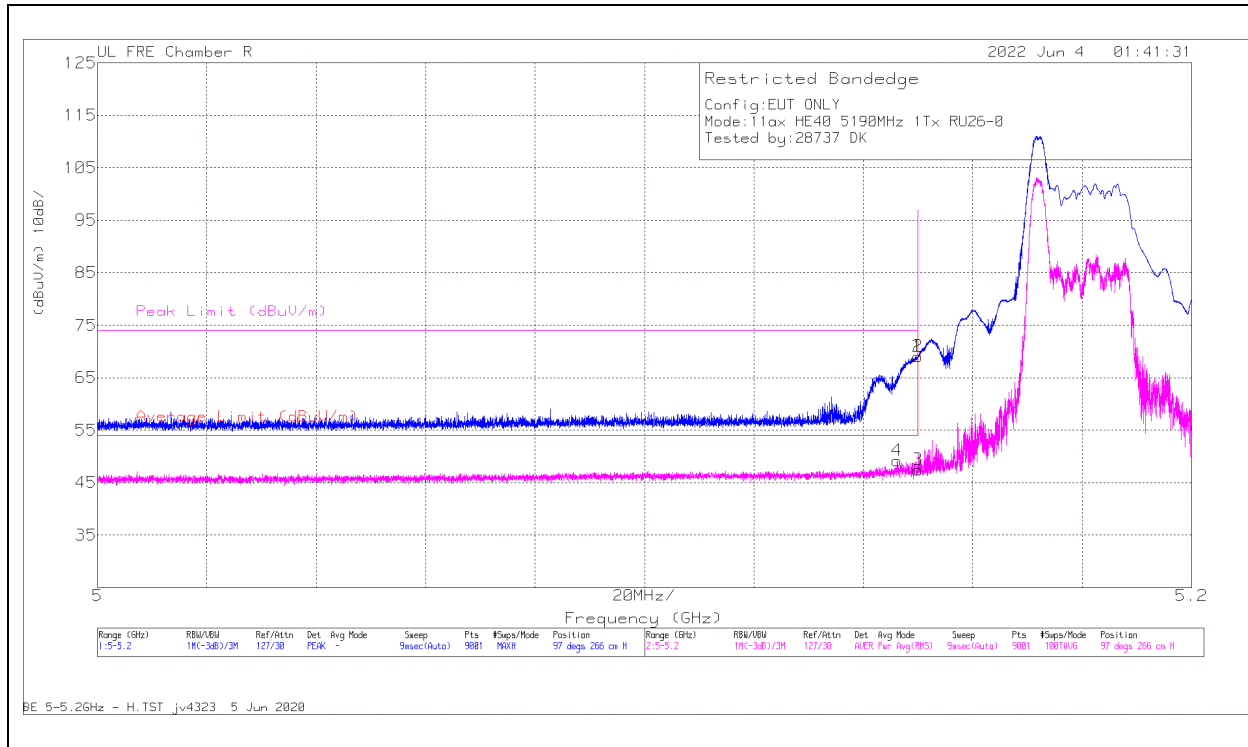
RMS - RMS detection

**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 41112 (dB/m) | Amp/Cbl/Fitr (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|-------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.15            | 36.07                | Pk  | 34.4            | -11.4             | 0            | 59.07                      | -                      | -           | 74                  | -14.93         | 216            | 113         | V        |
| 2      | 5.148999        | 40.68                | Pk  | 34.4            | -11.4             | 0            | 63.68                      | -                      | -           | 74                  | -10.32         | 216            | 113         | V        |
| 3      | 5.15            | 24.03                | RMS | 34.4            | -11.4             | .8           | 47.83                      | 54                     | -6.17       | -                   | -              | 216            | 113         | V        |
| 4      | 5.149776        | 24.83                | RMS | 34.4            | -11.4             | .8           | 48.63                      | 54                     | -5.37       | -                   | -              | 216            | 113         | V        |

Pk - Peak detector

RMS - RMS detection

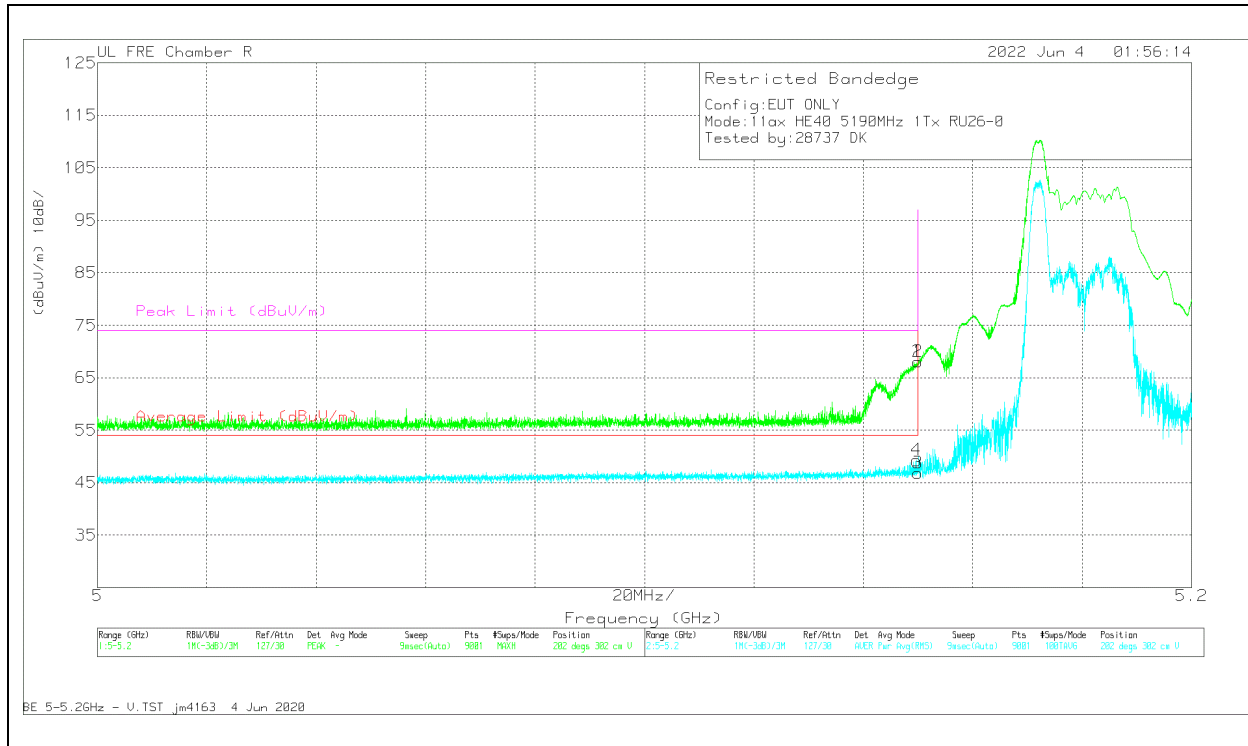
**1TX Antenna 5 MODE: 26-Tones, RU Index 0****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200785 ACF (dB) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 67.3                 | Pk  | 34.2            | -32.5                  | 0            | 69                         | -                      | -           | 74                  | -5             | 97             | 266         | H        |
| 2      | * 5.149932      | 67.35                | Pk  | 34.2            | -32.5                  | 0            | 69.05                      | -                      | -           | 74                  | -4.95          | 97             | 266         | H        |
| 3      | * 5.15          | 45.27                | RMS | 34.2            | -32.5                  | .46          | 47.43                      | 54                     | -6.57       | -                   | -              | 97             | 266         | H        |
| 4      | * 5.146132      | 46.98                | RMS | 34.2            | -32.5                  | .46          | 49.14                      | 54                     | -4.86       | -                   | -              | 97             | 266         | H        |

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

Pk - Peak detector

RMS - RMS detection

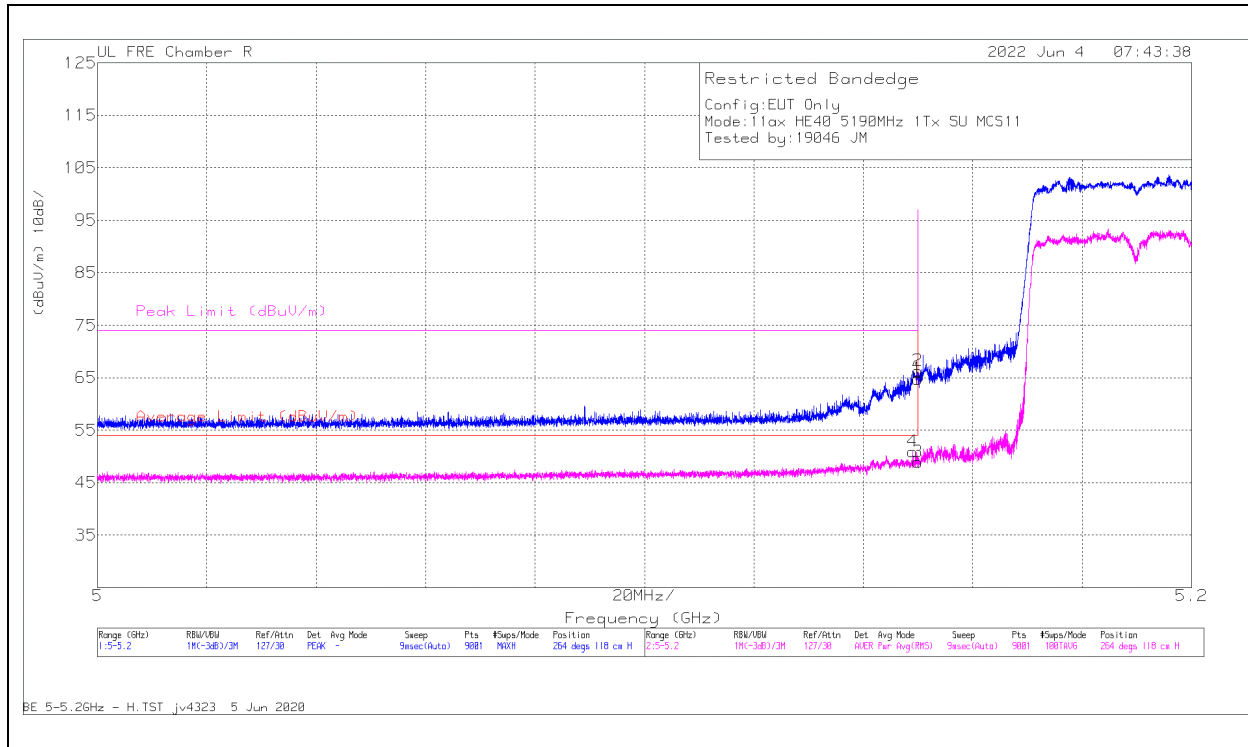
**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200785 ACF (dB) | Amp/Cb/Filt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 66.33                | PK  | 34.2            | -32.5                | 0            | 68.03                      | -                      | -           | 74                  | -5.97          | 202            | 302         | V        |
| 2      | * 5.149999      | 66.35                | PK  | 34.2            | -32.5                | 0            | 68.05                      | -                      | -           | 74                  | -5.95          | 202            | 302         | V        |
| 3      | * 5.15          | 44.62                | RMS | 34.2            | -32.5                | .46          | 46.78                      | 54                     | -7.22       | -                   | -              | 202            | 302         | V        |
| 4      | * 5.14971       | 47.09                | RMS | 34.2            | -32.5                | .46          | 49.25                      | 54                     | -4.75       | -                   | -              | 202            | 302         | V        |

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

PK - Peak detector

RMS - RMS detection

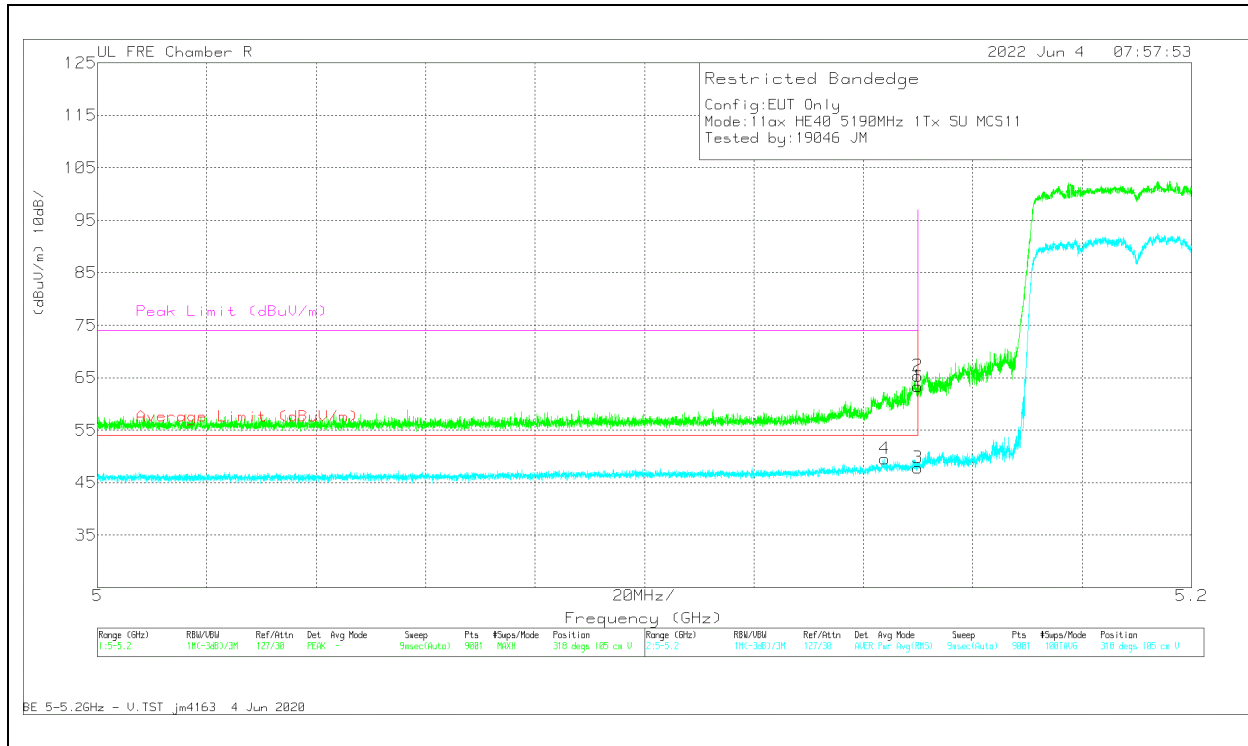
**1TX Antenna 5 MODE: SU, Single User****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200785 ACF (dB) | Amp/Cbl/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 63.06                | Pk  | 34.2            | -32.5                 | 0            | 64.76                      | -                      | -           | 74                  | -9.24          | 264            | 118         | H        |
| 2      | * 5.14991       | 64.55                | Pk  | 34.2            | -32.5                 | 0            | 66.25                      | -                      | -           | 74                  | -7.75          | 264            | 118         | H        |
| 3      | * 5.15          | 46.48                | RMS | 34.2            | -32.5                 | .8           | 48.98                      | 54                     | -5.02       | -                   | -              | 264            | 118         | H        |
| 4      | * 5.149043      | 48.46                | RMS | 34.2            | -32.5                 | .8           | 50.96                      | 54                     | -3.04       | -                   | -              | 264            | 118         | H        |

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

Pk - Peak detector

RMS - RMS detection

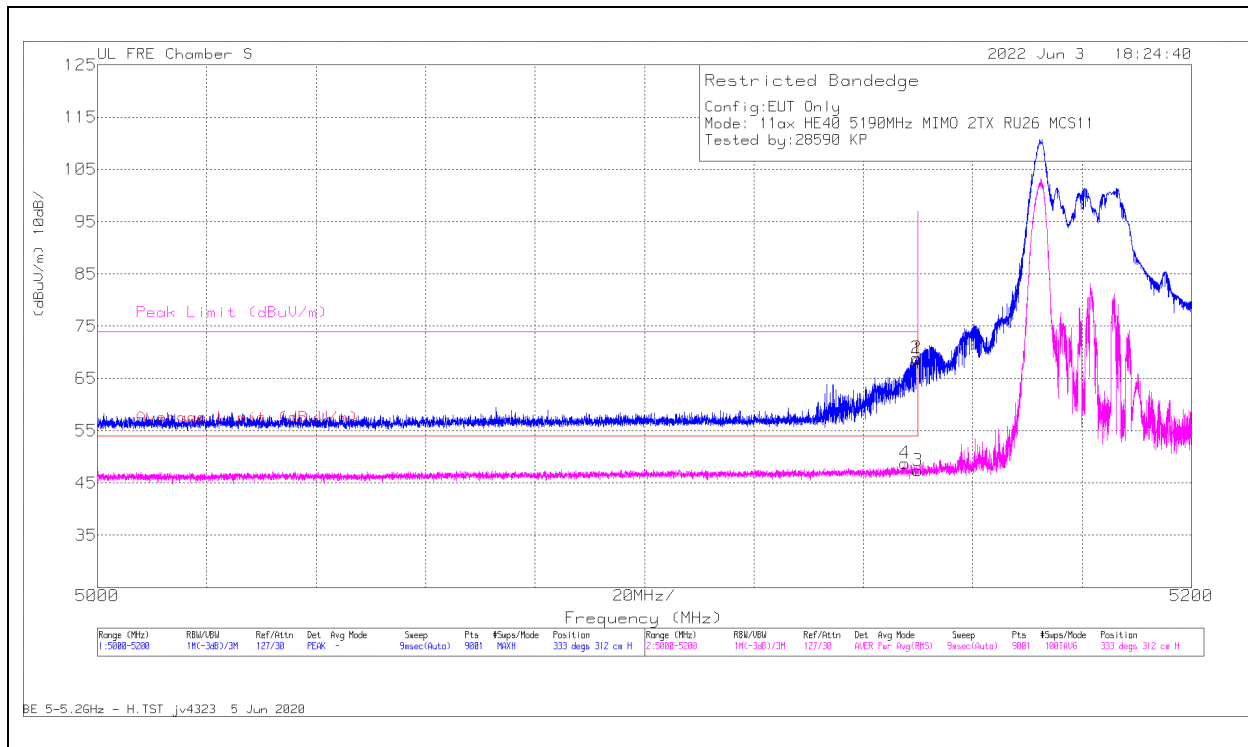
**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200785 ACF (dB) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 61.61                | Pk  | 34.2            | -32.5                  | 0            | 63.31                      | -                      | -           | 74                  | -10.69         | 318            | 105         | V        |
| 2      | * 5.149976      | 63.62                | Pk  | 34.2            | -32.5                  | 0            | 65.32                      | -                      | -           | 74                  | -8.68          | 318            | 105         | V        |
| 3      | * 5.15          | 45.28                | RMS | 34.2            | -32.5                  | .8           | 47.78                      | 54                     | -6.22       | -                   | -              | 318            | 105         | V        |
| 4      | * 5.143887      | 47.09                | RMS | 34.2            | -32.5                  | .8           | 49.59                      | 54                     | -4.41       | -                   | -              | 318            | 105         | V        |

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

Pk - Peak detector

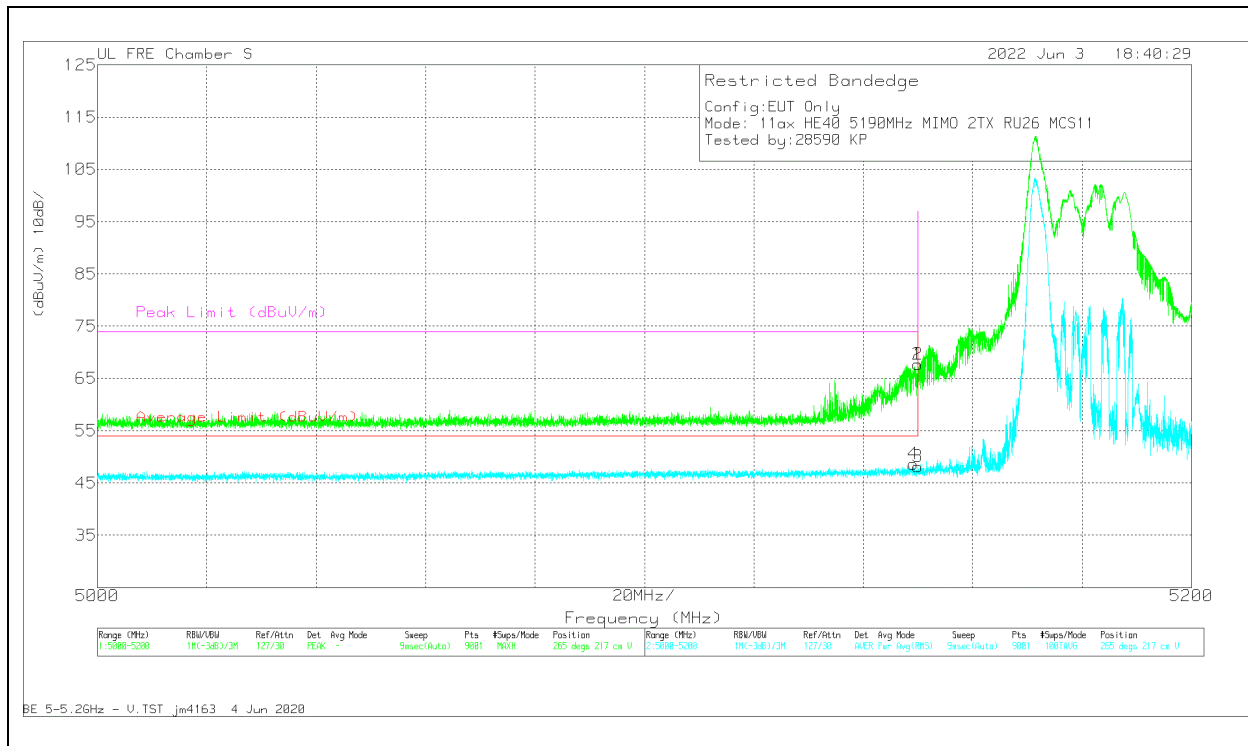
RMS - RMS detection

**2TX Antenna 6 + Antenna 5 OFDMA MODE: 26-Tones, RU Index 0****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | AF 206807 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5150            | 65.75                | Pk  | 34.5             | -31.6                  | 0            | 68.65                      | -                      | -           | 74                  | -5.35          | 333            | 312         | H        |
| 2      | 5149.687        | 66.08                | Pk  | 34.5             | -31.6                  | 0            | 68.98                      | -                      | -           | 74                  | -5.02          | 333            | 312         | H        |
| 3      | 5150            | 43.97                | RMS | 34.5             | -31.6                  | .46          | 47.33                      | 54                     | -6.67       | -                   | -              | 333            | 312         | H        |
| 4      | 5147.621        | 45.46                | RMS | 34.5             | -31.6                  | .46          | 48.82                      | 54                     | -5.18       | -                   | -              | 333            | 312         | H        |

Pk - Peak detector

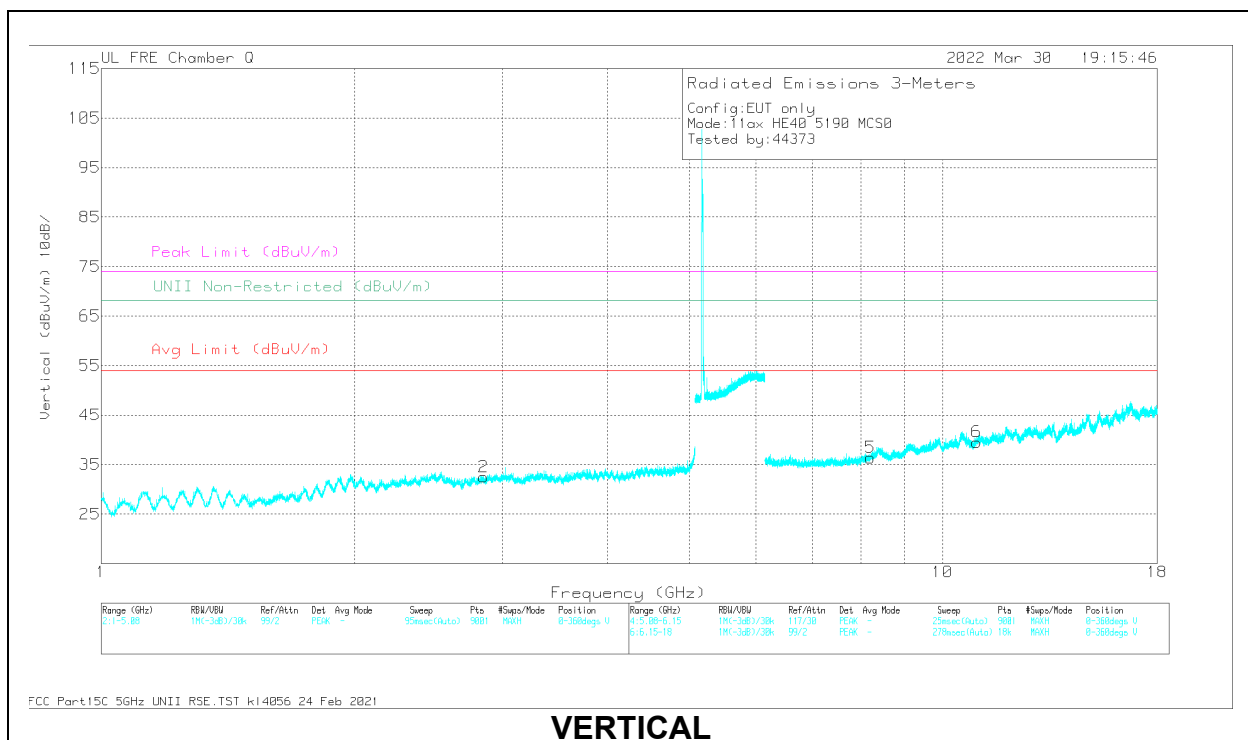
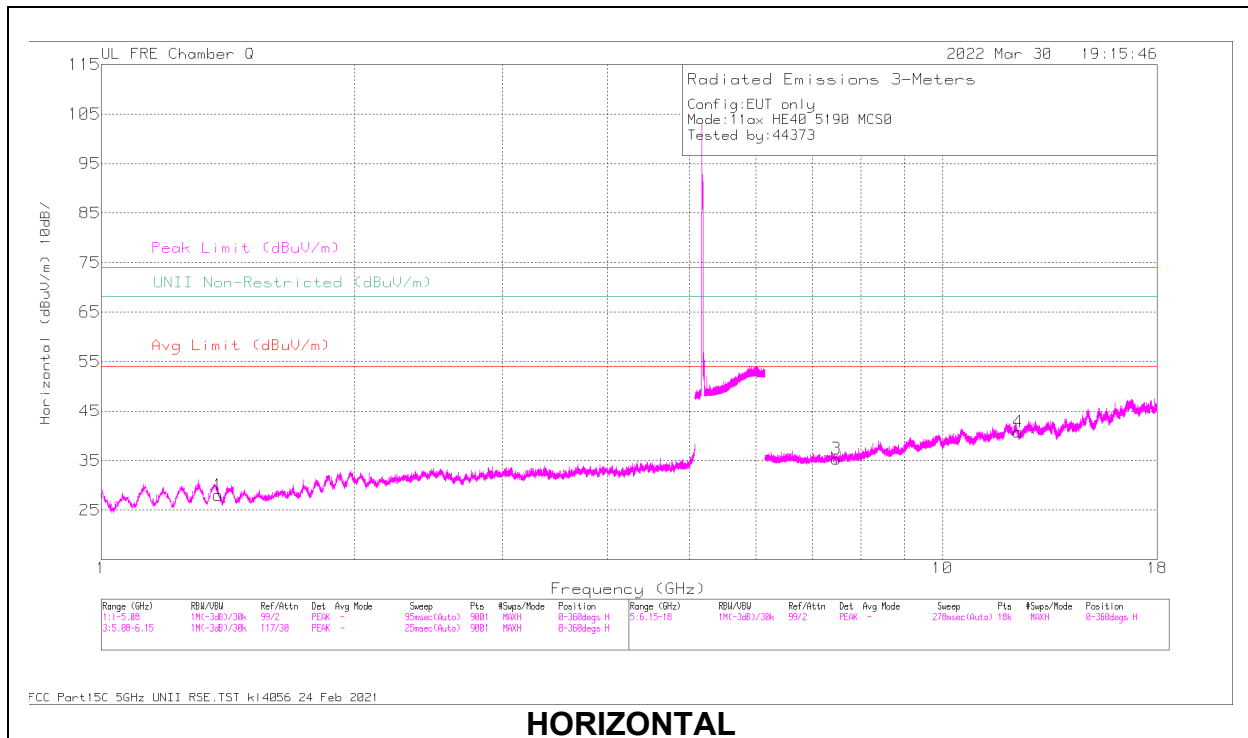
RMS - RMS detection

**VERTICAL RESULT**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | AF 206807 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5150            | 64.76                | Pk  | 34.5             | -31.6                  | 0            | 67.66                      | -                      | -           | 74                  | -6.34          | 265            | 217         | V        |
| 2      | 5149.999        | 64.78                | Pk  | 34.5             | -31.6                  | 0            | 67.68                      | -                      | -           | 74                  | -6.32          | 265            | 217         | V        |
| 3      | 5150            | 44.74                | RMS | 34.5             | -31.6                  | .46          | 48.1                       | 54                     | -5.9        | -                   | -              | 265            | 217         | V        |
| 4      | 5149.154        | 45.28                | RMS | 34.5             | -31.6                  | .46          | 48.64                      | 54                     | -5.36       | -                   | -              | 265            | 217         | V        |

Pk - Peak detector

RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS****LOW CHANNEL RESULTS**

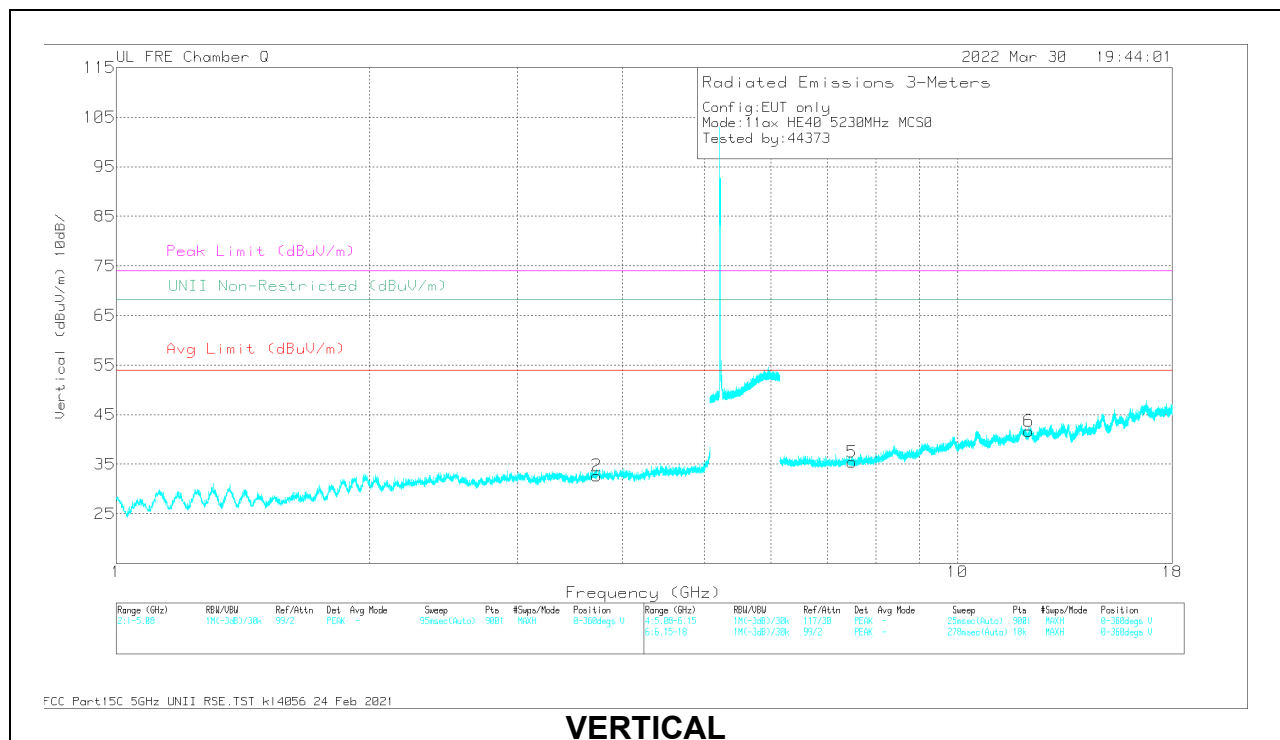
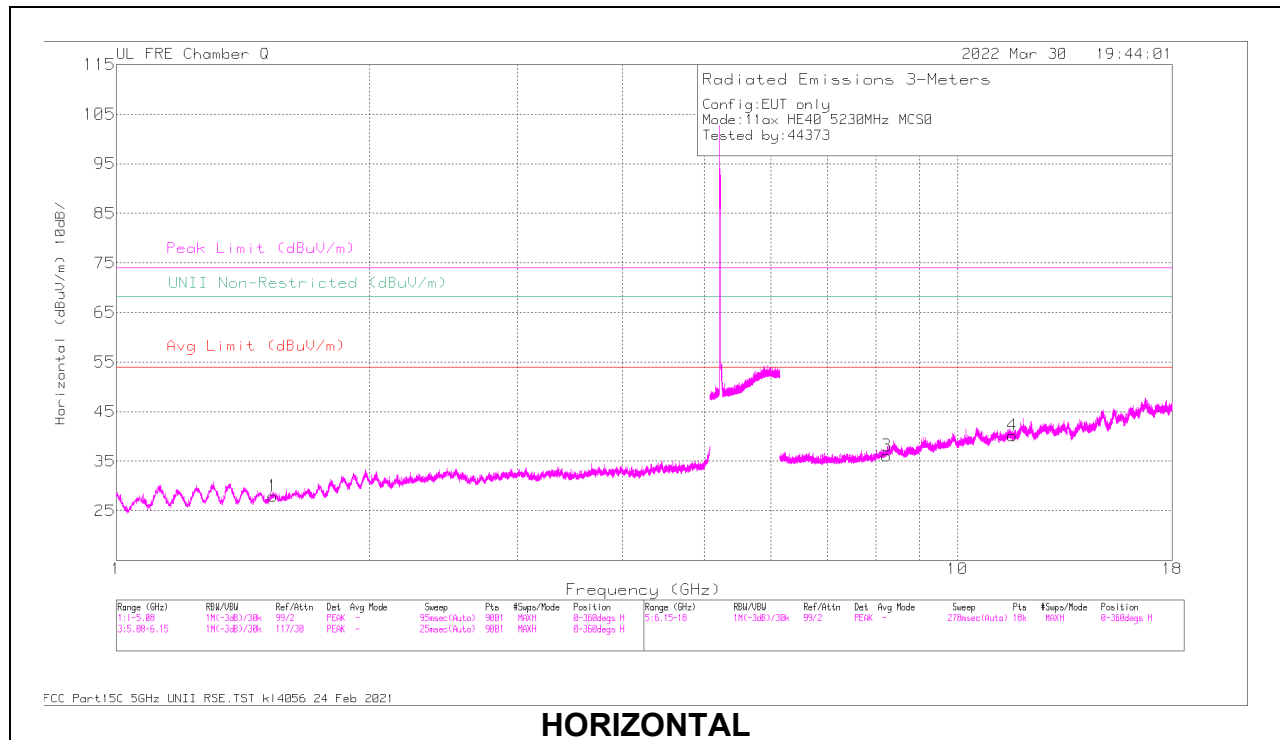
**RADIATED EMISSIONS**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF 200895 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 1.375699      | 55.97                | PK-U | 28.7             | -44.9                  | 39.77                      | -                  | -           | 74                  | -34.23         | 95             | 242         | H        |
|        | * 1.376579      | 43.68                | ADR  | 28.7             | -44.9                  | 27.48                      | 54                 | -26.52      | -                   | -              | 95             | 242         | H        |
| 2      | * 2.847888      | 54.02                | PK-U | 32.2             | -43.6                  | 42.62                      | -                  | -           | 74                  | -31.38         | 10             | 180         | V        |
|        | * 2.846001      | 42.31                | ADR  | 32.2             | -43.6                  | 30.91                      | 54                 | -23.09      | -                   | -              | 10             | 180         | V        |
| 3      | * 7.478255      | 47.45                | PK-U | 35.8             | -37.6                  | 45.65                      | -                  | -           | 74                  | -28.35         | 359            | 103         | H        |
|        | * 7.479283      | 36.29                | ADR  | 35.8             | -37.6                  | 34.49                      | 54                 | -19.51      | -                   | -              | 359            | 103         | H        |
| 4      | * 12.301676     | 47.28                | PK-U | 39.1             | -35.4                  | 50.98                      | -                  | -           | 74                  | -23.02         | 360            | 246         | H        |
|        | * 12.30184      | 35.76                | ADR  | 39.1             | -35.4                  | 39.46                      | 54                 | -14.54      | -                   | -              | 360            | 246         | H        |
| 5      | * 8.206506      | 47.52                | PK-U | 35.9             | -36.5                  | 46.92                      | -                  | -           | 74                  | -27.08         | 84             | 115         | V        |
|        | * 8.209656      | 36.1                 | ADR  | 35.9             | -36.5                  | 35.5                       | 54                 | -18.5       | -                   | -              | 84             | 115         | V        |
| 6      | * 10.981488     | 45.62                | PK-U | 37.9             | -33.4                  | 50.12                      | -                  | -           | 74                  | -23.88         | 203            | 238         | V        |
|        | * 10.979027     | 33.81                | ADR  | 37.9             | -33.4                  | 38.31                      | 54                 | -15.69      | -                   | -              | 203            | 238         | 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 RESULTS**

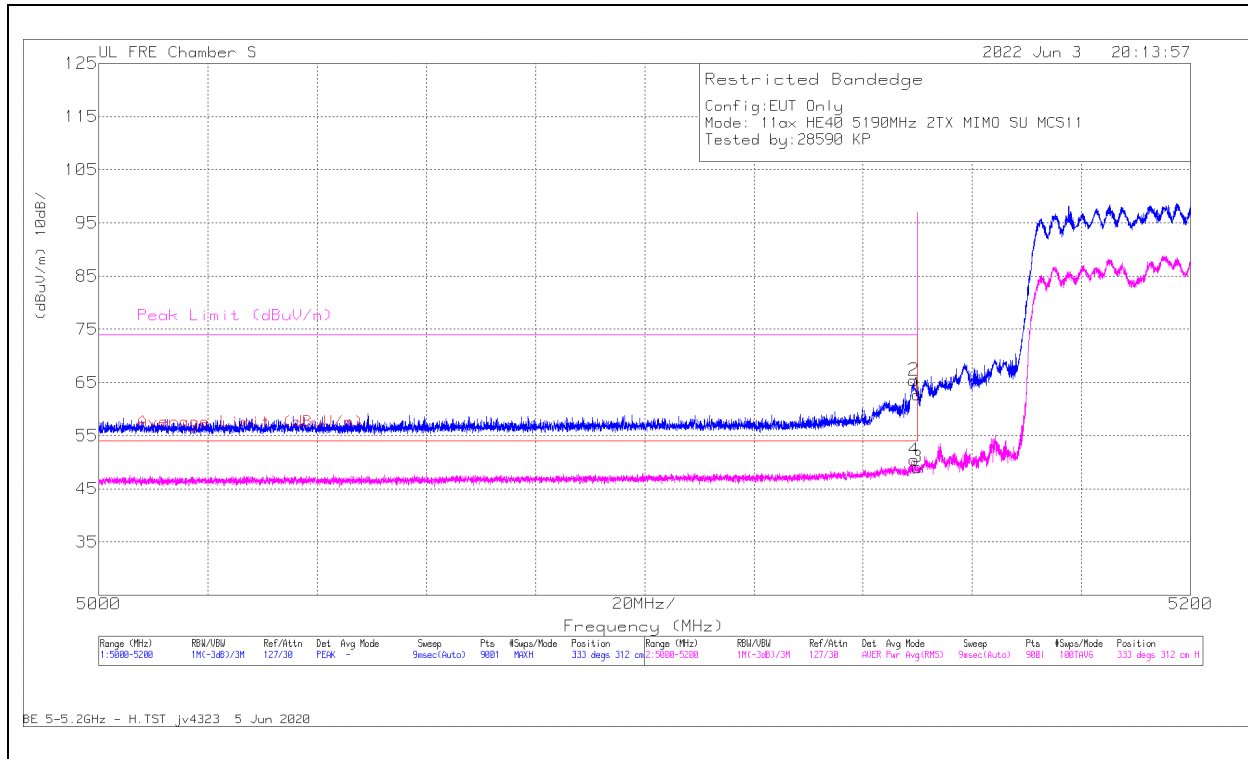
**RADIATED EMISSIONS**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF 200895 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degr) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 1.534243      | 55.77                | PK-U | 27.7             | -44.8                  | 38.67                      | -                  | -           | 74                  | -35.33         | 268            | 245         | H        |
|        | * 1.535252      | 44.22                | ADR  | 27.7             | -44.7                  | 27.22                      | 54                 | -26.78      | -                   | -              | 268            | 245         | H        |
| 2      | * 3.724094      | 50.99                | PK-U | 33.3             | -40.9                  | 43.39                      | -                  | -           | 74                  | -30.61         | 21             | 129         | V        |
|        | * 3.723024      | 39.18                | ADR  | 33.3             | -40.9                  | 31.58                      | 54                 | -22.42      | -                   | -              | 21             | 129         | V        |
| 3      | * 8.236505      | 47.57                | PK-U | 36               | -36.4                  | 47.17                      | -                  | -           | 74                  | -26.83         | 211            | 171         | H        |
|        | * 8.238237      | 36.2                 | ADR  | 36               | -36.4                  | 35.8                       | 54                 | -18.2       | -                   | -              | 211            | 171         | H        |
| 4      | * 11.622797     | 45.96                | PK-U | 38.4             | -33.9                  | 50.46                      | -                  | -           | 74                  | -23.54         | 110            | 229         | H        |
|        | * 11.621938     | 34.56                | ADR  | 38.4             | -33.9                  | 39.06                      | 54                 | -14.94      | -                   | -              | 110            | 229         | H        |
| 5      | * 7.493323      | 48.34                | PK-U | 35.7             | -37.7                  | 46.34                      | -                  | -           | 74                  | -27.66         | 313            | 153         | V        |
|        | * 7.49394       | 36.06                | ADR  | 35.7             | -37.7                  | 34.06                      | 54                 | -19.94      | -                   | -              | 313            | 153         | V        |
| 6      | * 12.153195     | 46.91                | PK-U | 39               | -34.7                  | 51.21                      | -                  | -           | 74                  | -22.79         | 133            | 139         | V        |
|        | * 12.153355     | 35.64                | ADR  | 39               | -34.7                  | 39.94                      | 54                 | -14.06      | -                   | -              | 133            | 139         | V        |

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

PK-U - U-NII: Maximum Peak

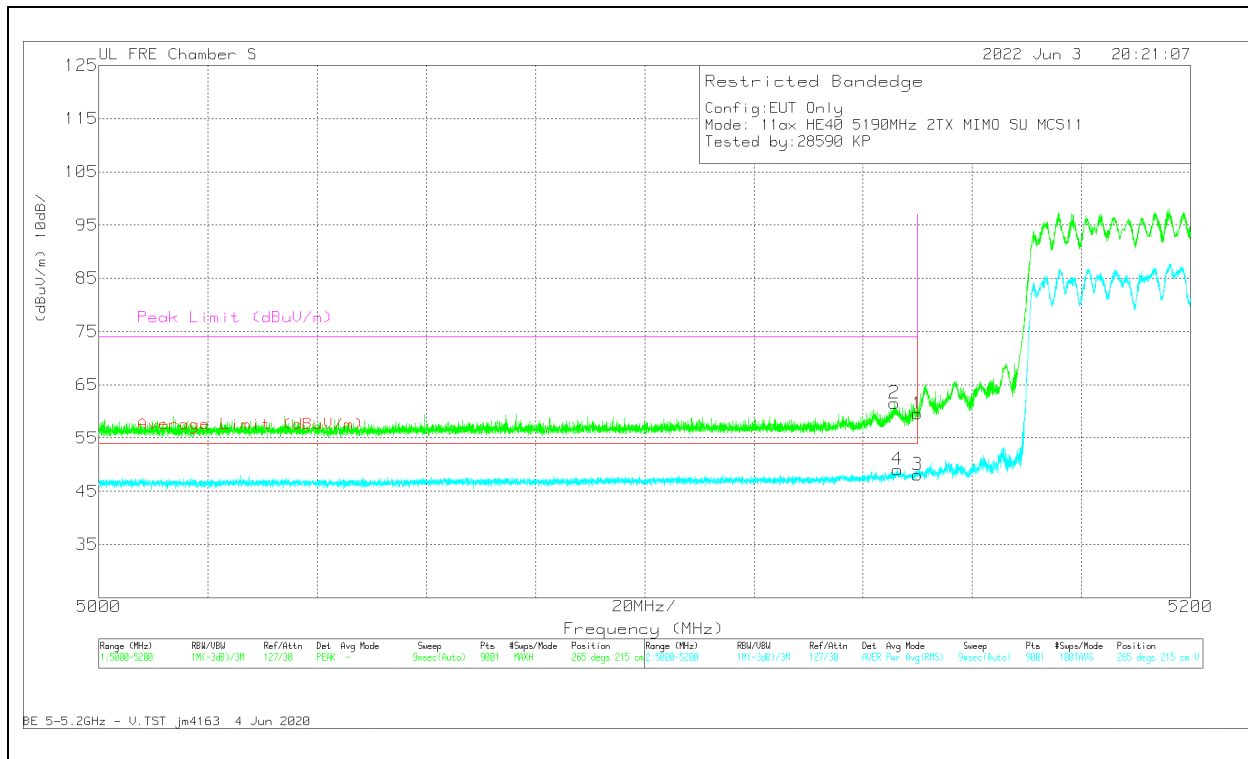
ADR - U-NII AD primary method, RMS average

**2TX Antenna 6 + Antenna 5 OFDMA MODE: SU, Single User****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | AF 206807 (dB/m) | Amp/Cbl/Filt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5150            | 59.82                | Pk  | 34.5             | -31.6                 | 0            | 62.72                      | -                      | -           | 74                  | -11.28         | 333            | 312         | H        |
| 2      | 5149.31         | 62.51                | Pk  | 34.5             | -31.6                 | 0            | 65.41                      | -                      | -           | 74                  | -8.59          | 333            | 312         | H        |
| 3      | 5150            | 45.37                | RMS | 34.5             | -31.6                 | .8           | 49.07                      | 54                     | -4.93       | -                   | -              | 333            | 312         | H        |
| 4      | 5149.354        | 46.73                | RMS | 34.5             | -31.6                 | .8           | 50.43                      | 54                     | -3.57       | -                   | -              | 333            | 312         | H        |

Pk - Peak detector

RMS - RMS detection

**VERTICAL RESULT**

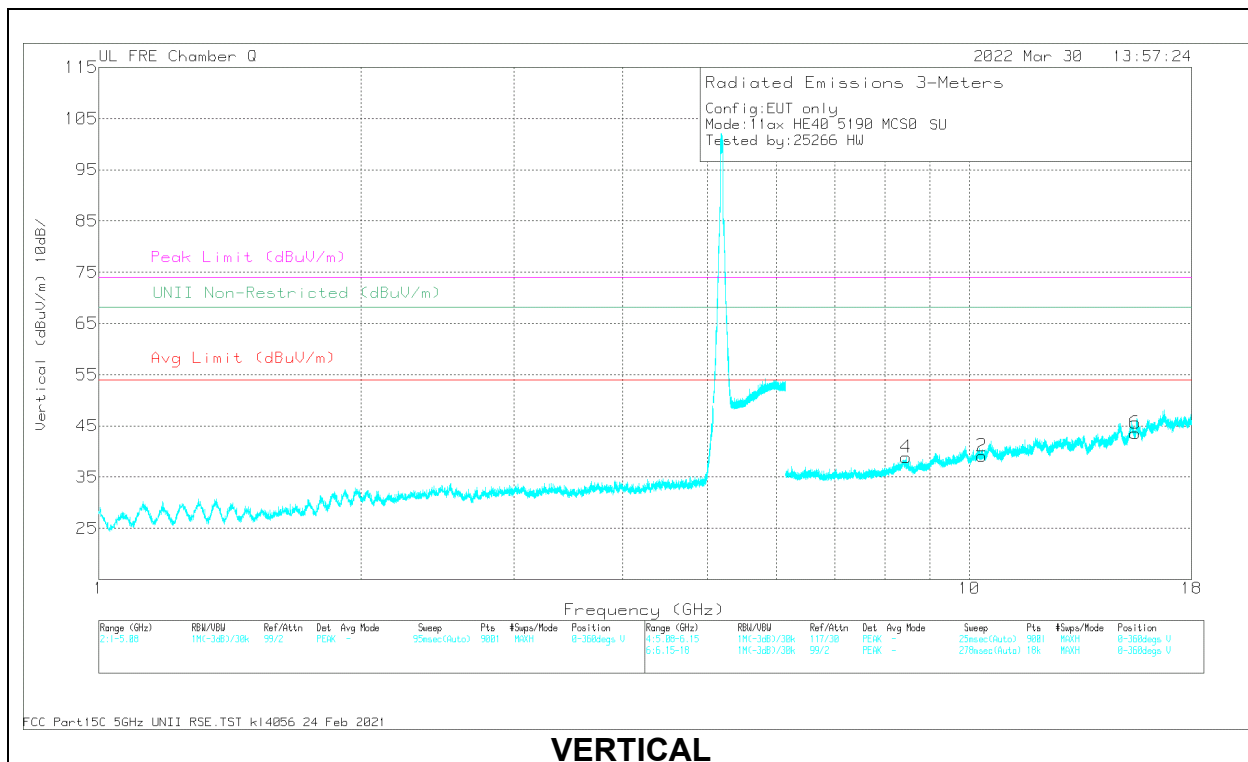
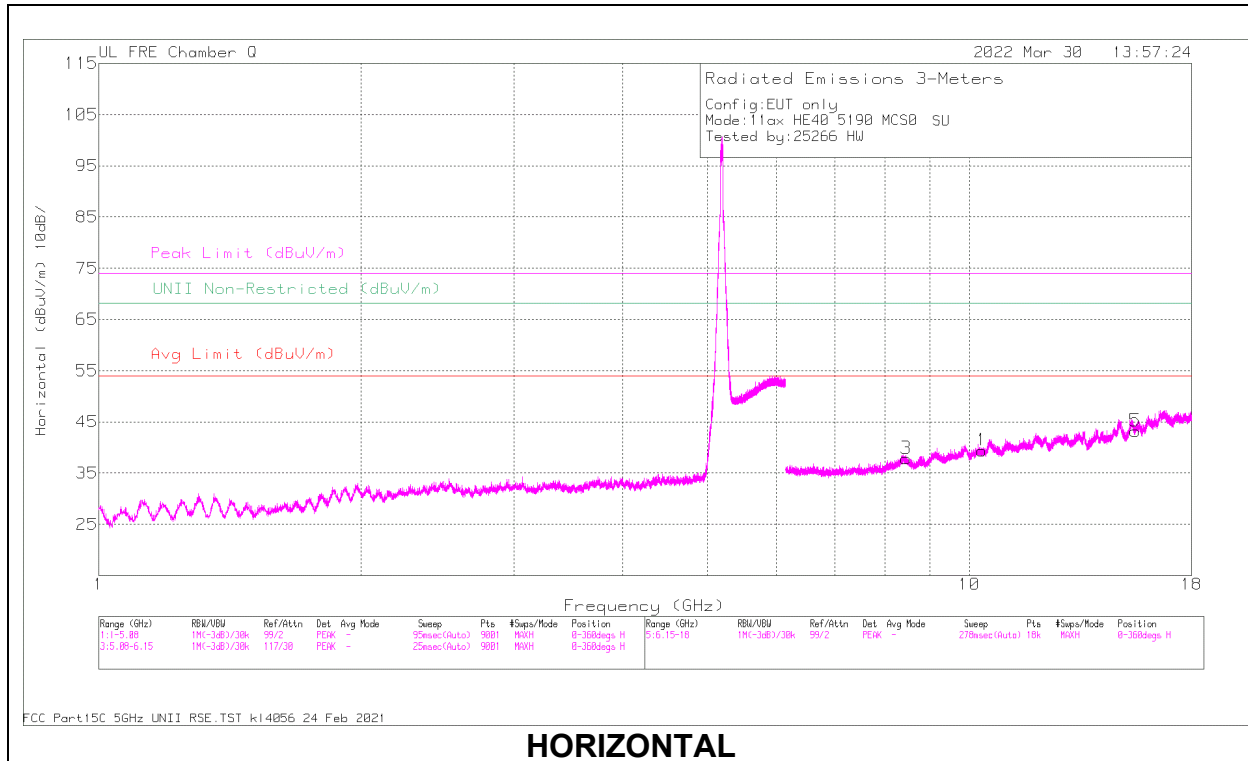
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | AF 206807 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5150            | 56.65                | Pk  | 34.5             | -31.6                 | 0            | 59.55                      | -                      | -           | 74                  | -14.45         | 265            | 215         | V        |
| 2      | 5145.732        | 58.67                | Pk  | 34.5             | -31.6                 | 0            | 61.57                      | -                      | -           | 74                  | -12.43         | 265            | 215         | V        |
| 3      | 5150            | 44.42                | RMS | 34.5             | -31.6                 | .8           | 48.12                      | 54                     | -5.88       | -                   | -              | 265            | 215         | V        |
| 4      | 5146.31         | 45.41                | RMS | 34.5             | -31.6                 | .8           | 49.11                      | 54                     | -4.89       | -                   | -              | 265            | 215         | V        |

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



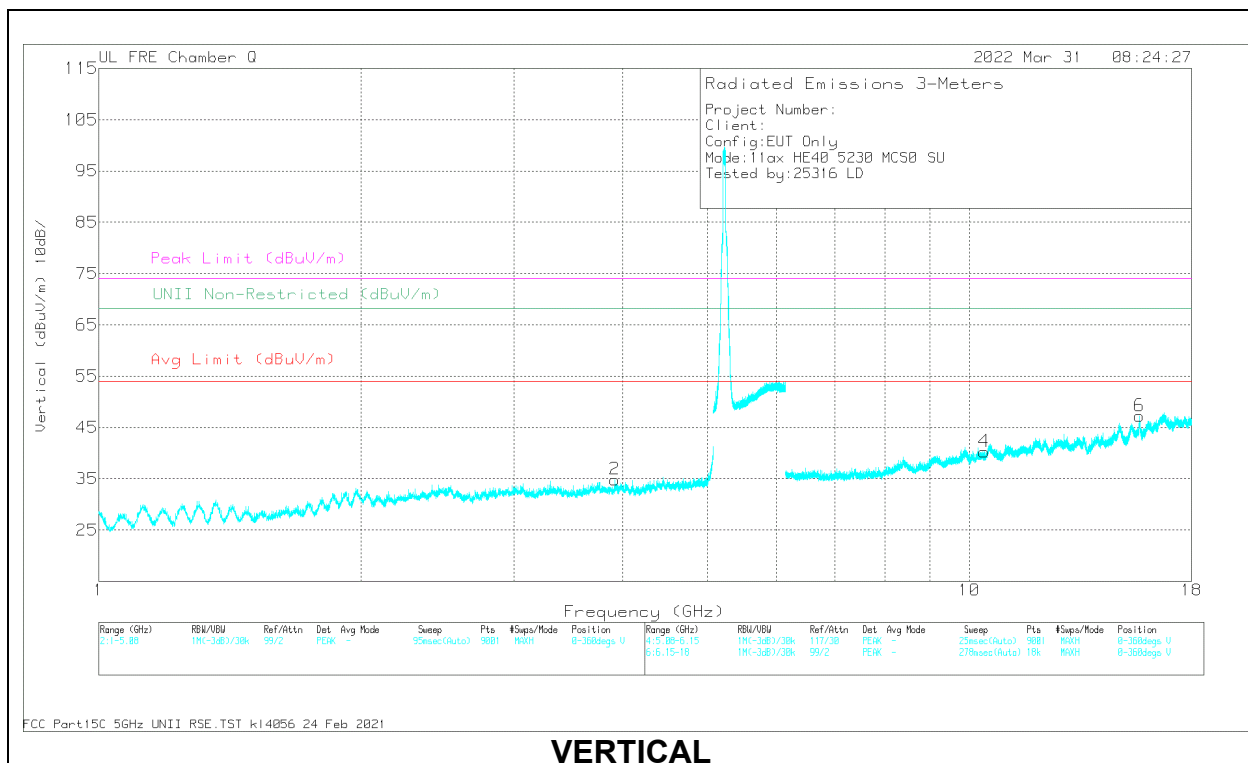
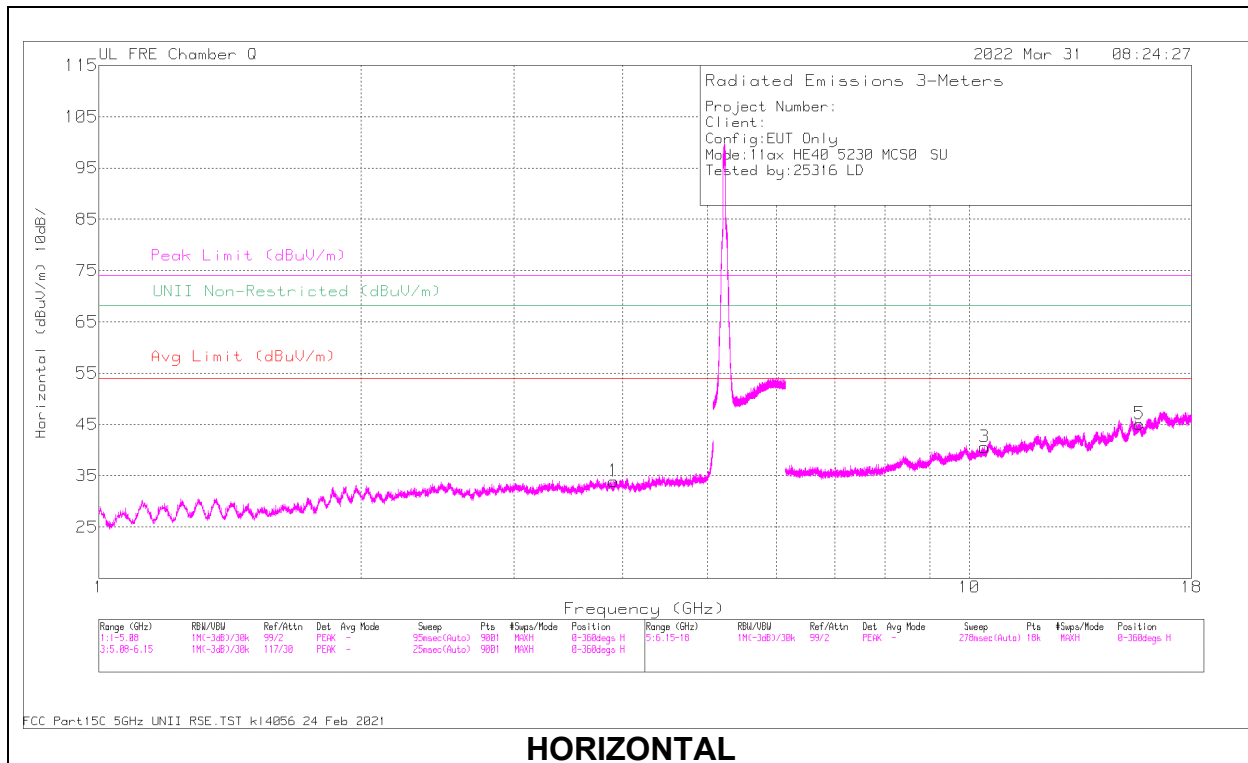
**RADIATED EMISSIONS**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF 200895 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | 10.341387       | 47.37                | PK   | 37.5             | -35.6                  | 0            | 49.27                      | -                  | -           | -                   | -              | 68.2                         | -18.93         | 325            | 239         | H        |
| 2      | 10.340008       | 47.11                | PK   | 37.5             | -35.6                  | 0            | 49.01                      | -                  | -           | -                   | -              | 68.2                         | -19.19         | 106            | 107         | V        |
| 3      | 8.461634        | 47                   | PK-U | 36               | -35.8                  | 0            | 47.2                       | -                  | -           | 74                  | -26.8          | -                            | -              | 18             | 136         | H        |
|        | 8.461634        | 34.65                | ADR  | 36               | -35.8                  | 0.13         | 34.98                      | 54                 | -19.02      | 74                  | -26.8          | -                            | -              | 18             | 136         | H        |
| 4      | 8.461262        | 47.11                | PK-U | 36               | -35.8                  | 0            | 47.31                      | -                  | -           | 74                  | -26.69         | -                            | -              | 99             | 187         | V        |
|        | 8.461262        | 35.22                | ADR  | 36               | -35.8                  | 0.13         | 35.55                      | 54                 | -18.45      | 74                  | -26.69         | -                            | -              | 99             | 187         | V        |
| 5      | 15.509997       | 46.59                | PK-U | 40.1             | -33.3                  | 0            | 53.39                      | -                  | -           | 74                  | -20.61         | -                            | -              | 229            | 215         | H        |
|        | 15.509997       | 34.75                | ADR  | 40.1             | -33.3                  | 0.13         | 41.68                      | 54                 | -12.32      | 74                  | -20.61         | -                            | -              | 229            | 215         | H        |
| 6      | 15.508855       | 46.44                | PK-U | 40.1             | -33.3                  | 0            | 53.24                      | -                  | -           | 74                  | -20.76         | -                            | -              | 44             | 167         | V        |
|        | 15.508855       | 34.58                | ADR  | 40.1             | -33.3                  | 0.13         | 41.51                      | 54                 | -12.49      | 74                  | -20.76         | -                            | -              | 44             | 167         | 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 RESULTS**

**RADIATED EMISSIONS**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF 200895 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|-----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | 3.904063        | 50.94                | PK-U | 33.4             | -40.9                 | 0            | 43.44                      | -                  | -           | 74                  | -30.56         | -                            | -              | 294            | 253         | H        |
|        | 3.904671        | 39.02                | ADR  | 33.4             | -40.9                 | .13          | 31.65                      | 54                 | -22.35      | -                   | -              | -                            | -              | 294            | 253         | H        |
| 2      | 3.915156        | 50.86                | PK-U | 33.4             | -40.9                 | 0            | 43.36                      | -                  | -           | 74                  | -30.64         | -                            | -              | 238            | 225         | V        |
|        | 3.913742        | 39.58                | ADR  | 33.4             | -40.9                 | .13          | 32.21                      | 54                 | -21.79      | -                   | -              | -                            | -              | 238            | 225         | V        |
| 4      | 10.400345       | 48.54                | PK-U | 37.5             | -35.9                 | 0            | 50.14                      | -                  | -           | -                   | -              | 68.2                         | -18.06         | 41             | 231         | V        |
| 3      | 10.411238       | 48.95                | PK-U | 37.5             | -36                   | 0            | 50.45                      | -                  | -           | -                   | -              | 68.2                         | -17.75         | 168            | 162         | H        |
| 5      | 15.678349       | 47.08                | PK-U | 40.3             | -32.5                 | 0            | 54.88                      | -                  | -           | 74                  | -19.12         | -                            | -              | 7              | 193         | H        |
|        | 15.679359       | 34.82                | ADR  | 40.3             | -32.6                 | .13          | 42.65                      | 54                 | -11.35      | -                   | -              | -                            | -              | 7              | 193         | H        |
| 6      | 15.678816       | 46.68                | PK-U | 40.3             | -32.6                 | 0            | 54.38                      | -                  | -           | 74                  | -19.62         | -                            | -              | 266            | 143         | V        |
|        | 15.679865       | 34.93                | ADR  | 40.3             | -32.6                 | .13          | 42.76                      | 54                 | -11.24      | -                   | -              | -                            | -              | 266            | 143         | V        |

PK-U - U-NII: Maximum Peak

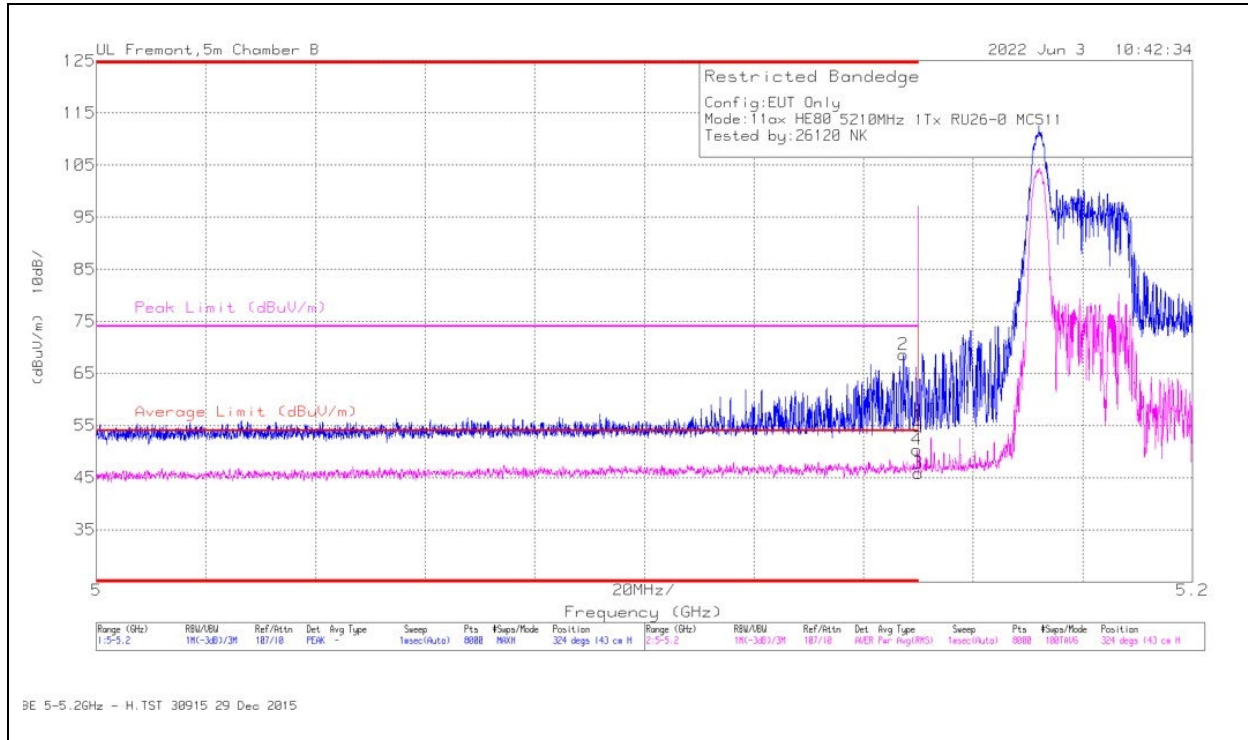
ADR - U-NII AD primary method, RMS average

## 1.1.6. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.2GHz BAND

### 1TX Antenna 6 MODE: 26-Tones, RU Index 0

### BANDEDGE (MID CHANNEL)

#### HORIZONTAL RESULT

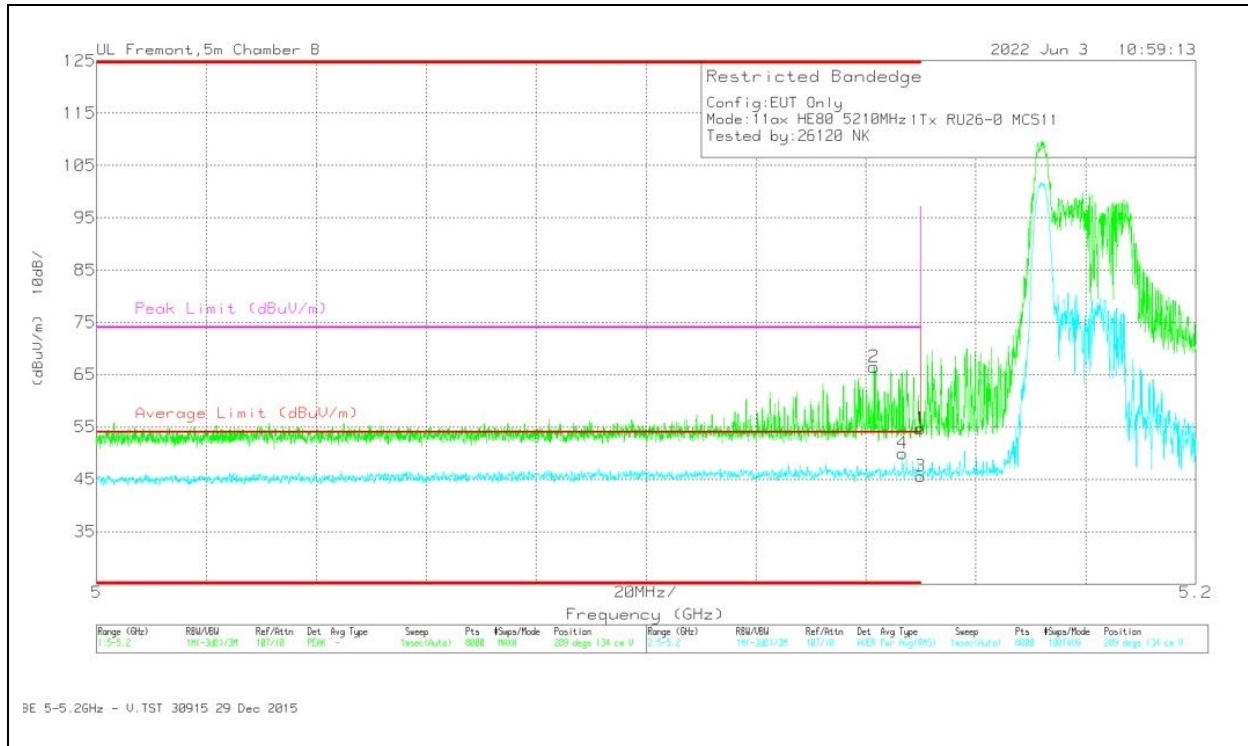


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 81886 ACF (dB) | Amp/Cbl/Filt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 40.62                | Pk  | 34.7           | -20.5                 | 0            | 54.82                      | -                      | -           | 74                  | -19.18         | 324            | 143         | H        |
| 2      | * 5.147268      | 54.45                | Pk  | 34.7           | -20.5                 | 0            | 68.65                      | -                      | -           | 74                  | -5.35          | 324            | 143         | H        |
| 3      | * 5.15          | 31.15                | RMS | 34.7           | -20.5                 | .46          | 45.81                      | 54                     | -8.19       | -                   | -              | 324            | 143         | H        |
| 4      | * 5.149743      | 35.7                 | RMS | 34.7           | -20.5                 | .46          | 50.36                      | 54                     | -3.64       | -                   | -              | 324            | 143         | H        |

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

Pk - Peak detector

RMS - RMS detection

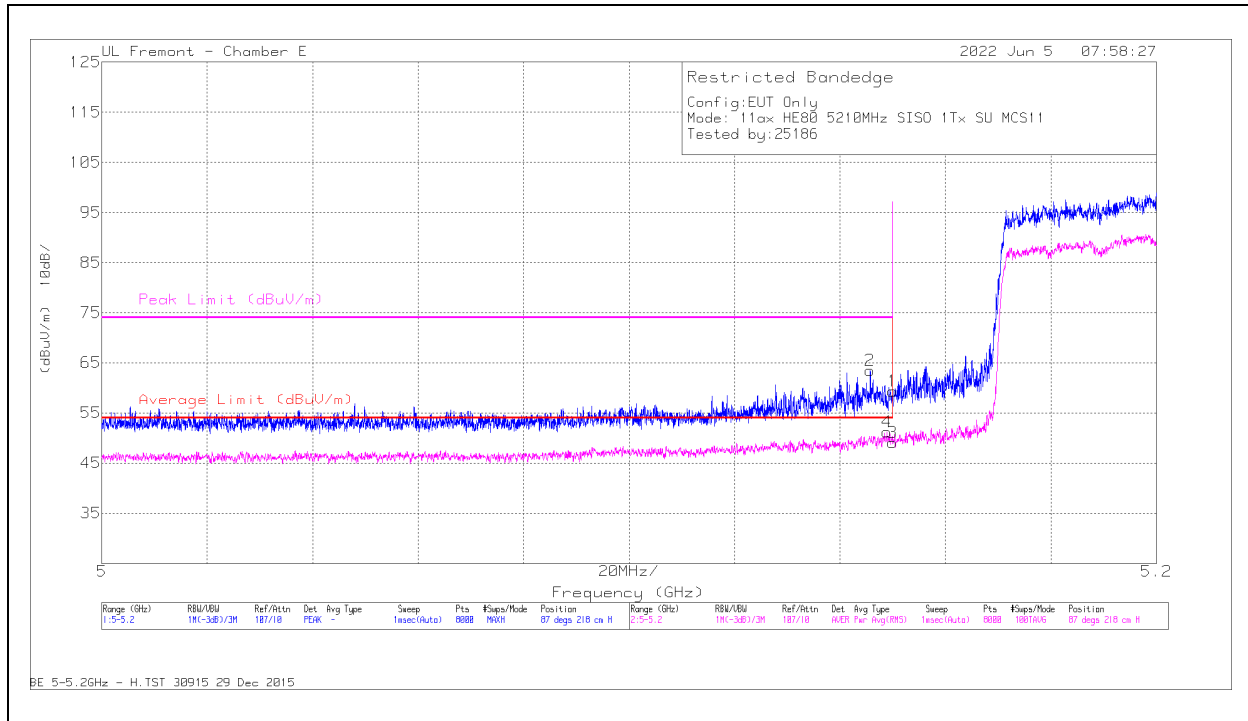
**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBUV) | Det | 81886 ACF (dB) | Amp/Cbl/Fitr /Pad (dB) | DC Corr (dB) | Corrected Reading (dBUV/m) | Average Limit (dBUV/m) | Margin (dB) | Peak Limit (dBUV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 40.49                | Pk  | 34.7           | -20.5                  | 0            | 54.69                      | -                      | -           | 74                  | -19.31         | 289            | 134         | V        |
| 2      | * 5.141467      | 52.3                 | Pk  | 34.7           | -20.5                  | 0            | 66.5                       | -                      | -           | 74                  | -7.5           | 289            | 134         | V        |
| 3      | * 5.15          | 31.44                | RMS | 34.7           | -20.5                  | .46          | 45.64                      | 54                     | -8.36       | -                   | -              | 289            | 134         | V        |
| 4      | * 5.146668      | 35.75                | RMS | 34.7           | -20.5                  | .46          | 49.95                      | 54                     | -4.05       | -                   | -              | 289            | 134         | V        |

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

Pk - Peak detector

RMS - RMS detection

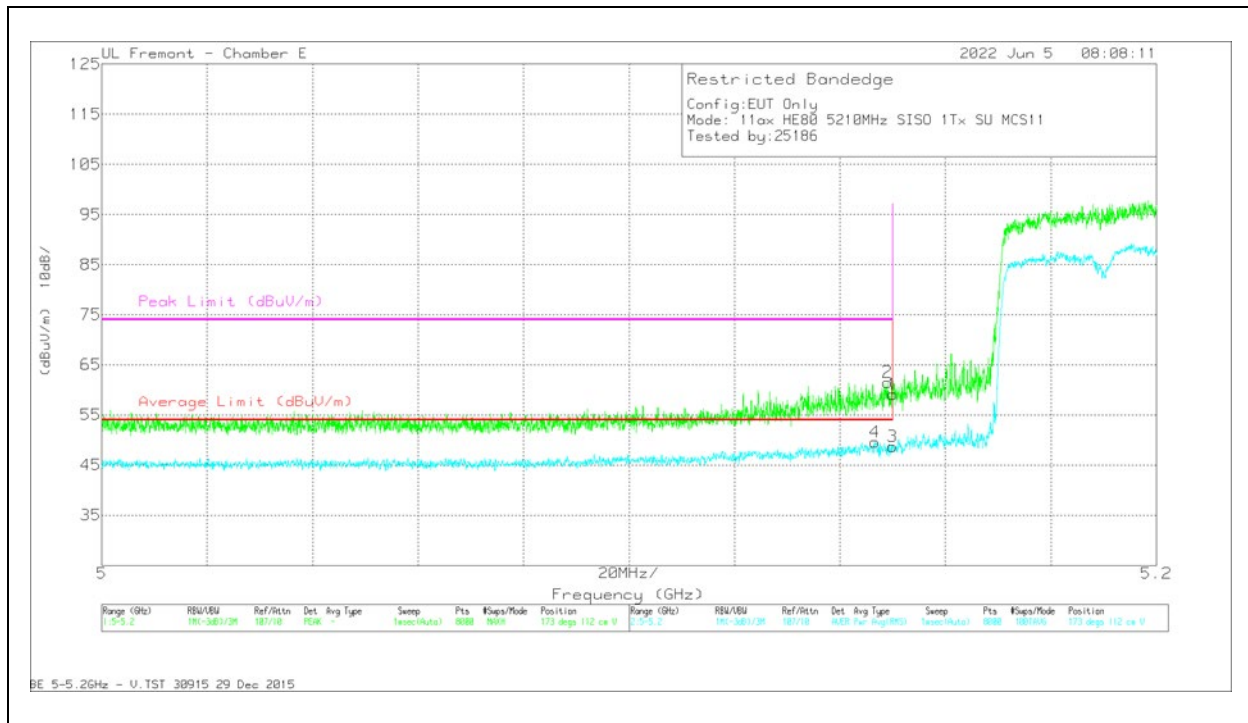
**1TX Antenna 6 MODE: SU, Single User****BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 46.29                | Pk  | 34.5              | -21.4            | 0            | 59.39                      | -                      | -           | 74                  | -14.61         | 87             | 218         | H        |
| 2      | * 5.145742      | 50.36                | Pk  | 34.5              | -21.4            | 0            | 63.46                      | -                      | -           | 74                  | -10.54         | 87             | 218         | H        |
| 3      | * 5.15          | 35                   | RMS | 34.5              | -21.4            | .98          | 49.08                      | 54                     | -4.92       | -                   | -              | 87             | 218         | H        |
| 4      | * 5.148893      | 37.15                | RMS | 34.5              | -21.4            | .98          | 51.23                      | 54                     | -2.77       | -                   | -              | 87             | 218         | H        |

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

Pk - Peak detector

RMS - RMS detection

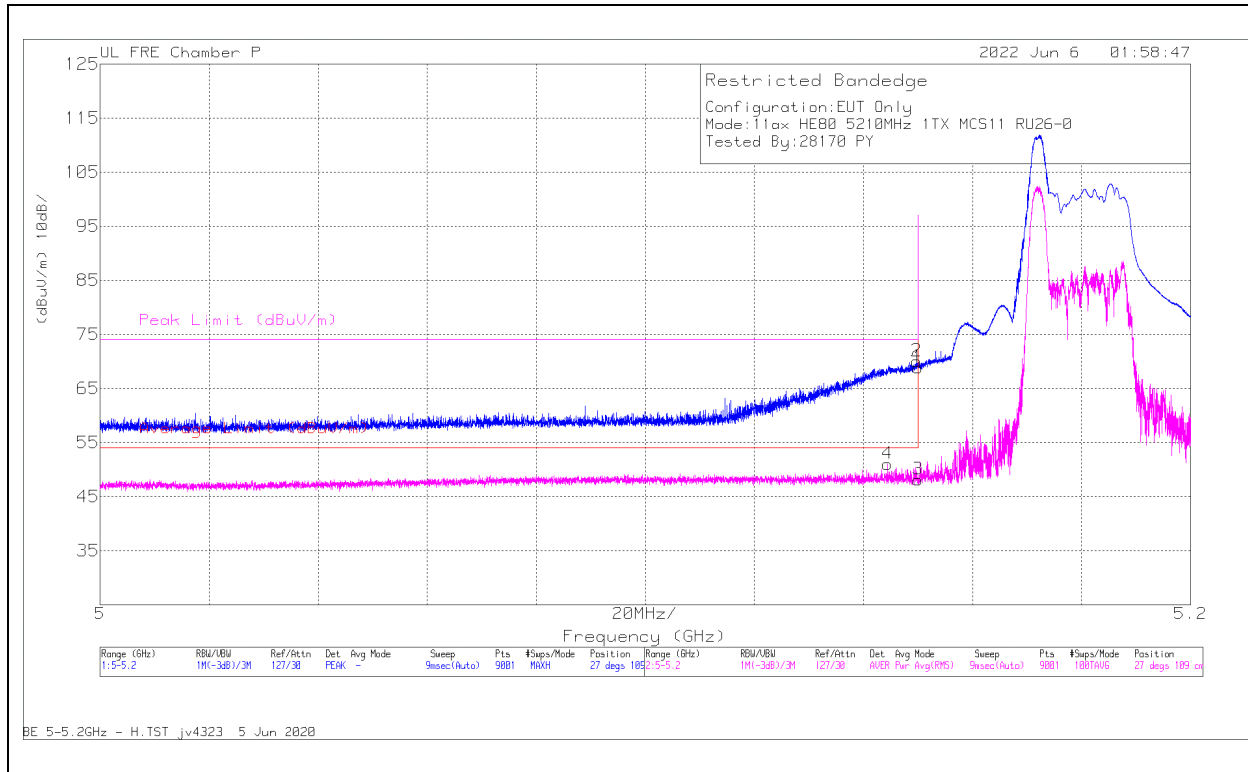
**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 45.97                | Pk  | 34.5              | -21.4            | 0            | 59.07                      | -                      | -           | 74                  | -14.93         | 173            | 112         | V        |
| 2      | * 5.149043      | 48.44                | Pk  | 34.5              | -21.4            | 0            | 61.54                      | -                      | -           | 74                  | -12.46         | 173            | 112         | V        |
| 3      | * 5.15          | 35.58                | RMS | 34.5              | -21.4            | .98          | 48.68                      | 54                     | -5.32       | -                   | -              | 173            | 112         | V        |
| 4      | * 5.146668      | 36.53                | RMS | 34.5              | -21.4            | .98          | 49.63                      | 54                     | -4.37       | -                   | -              | 173            | 112         | V        |

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

Pk - Peak detector

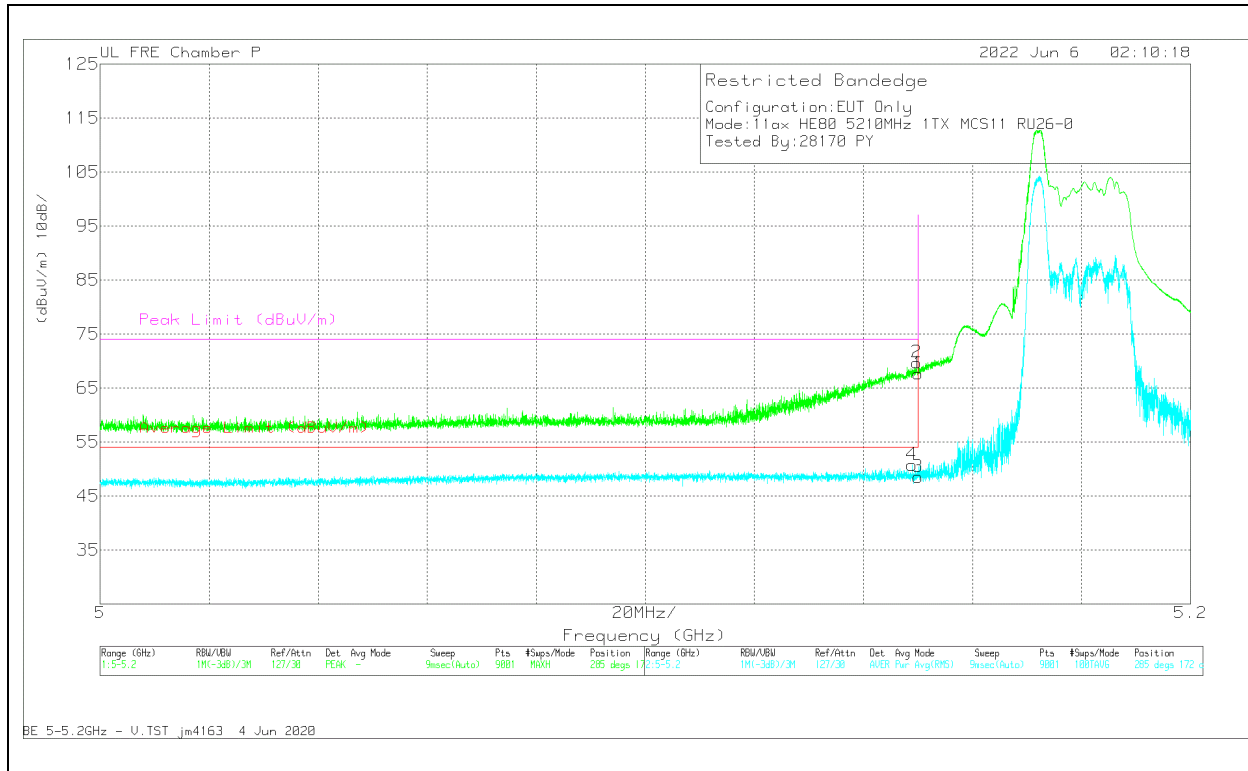
RMS - RMS detection

**1TX Antenna 5 MODE: 26-Tones, RU Index 0****BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 41112 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.15            | 64.54                | Pk  | 34.4            | -30.1                 | 0            | 68.84                      | -                      | -           | 74                  | -5.16          | 27             | 109         | H        |
| 2      | 5.149799        | 65.73                | Pk  | 34.4            | -30.1                 | 0            | 70.03                      | -                      | -           | 74                  | -3.97          | 27             | 109         | H        |
| 3      | 5.15            | 43.4                 | RMS | 34.4            | -30.1                 | .46          | 48.16                      | 54                     | -5.84       | -                   | -              | 27             | 109         | H        |
| 4      | 5.144421        | 46.3                 | RMS | 34.4            | -30.1                 | .46          | 51.06                      | 54                     | -2.94       | -                   | -              | 27             | 109         | H        |

Pk - Peak detector

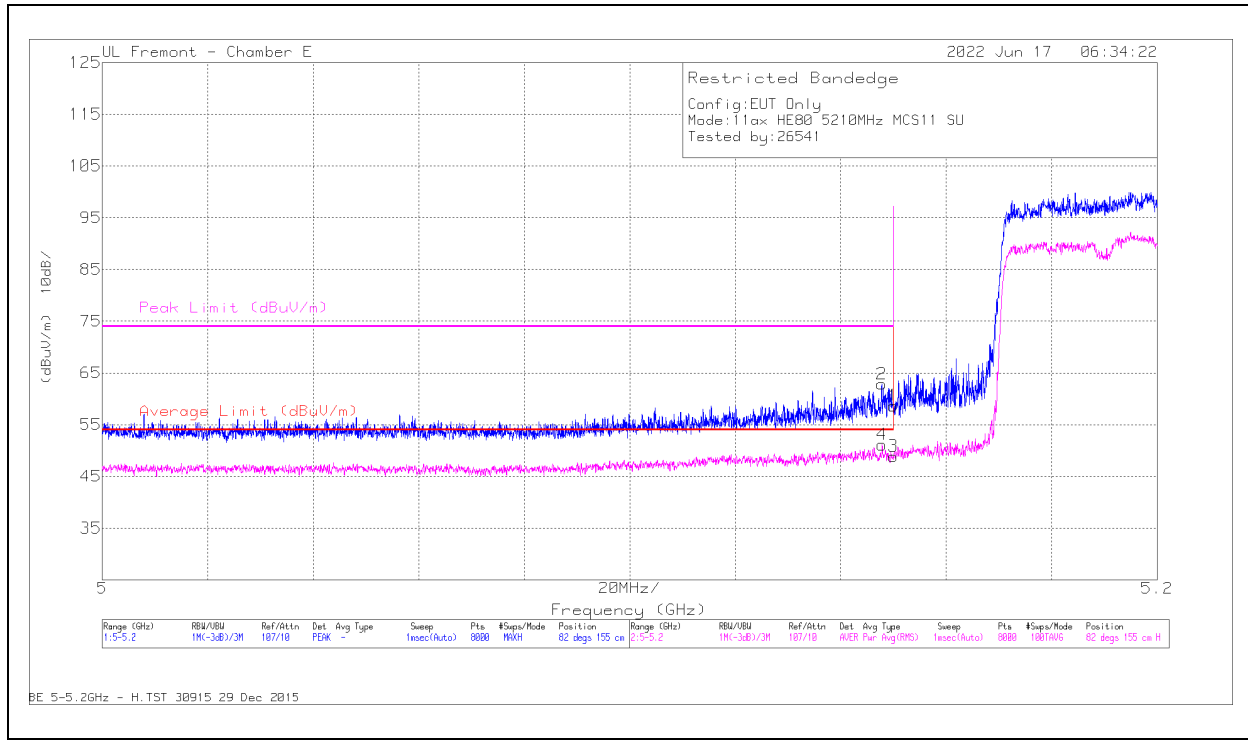
RMS - RMS detection

**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 41112 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.15            | 63.36                | Pk  | 34.4            | -30.1                 | 0            | 67.66                      | -                      | -           | 74                  | -6.34          | 285            | 172         | V        |
| 2      | 5.149776        | 65.43                | Pk  | 34.4            | -30.1                 | 0            | 69.73                      | -                      | -           | 74                  | -4.27          | 285            | 172         | V        |
| 3      | 5.15            | 43.78                | RMS | 34.4            | -30.1                 | .46          | 48.54                      | 54                     | -5.46       | -                   | -              | 285            | 172         | V        |
| 4      | 5.14891         | 45.89                | RMS | 34.4            | -30                   | .46          | 50.75                      | 54                     | -3.25       | -                   | -              | 285            | 172         | V        |

Pk - Peak detector

RMS - RMS detection

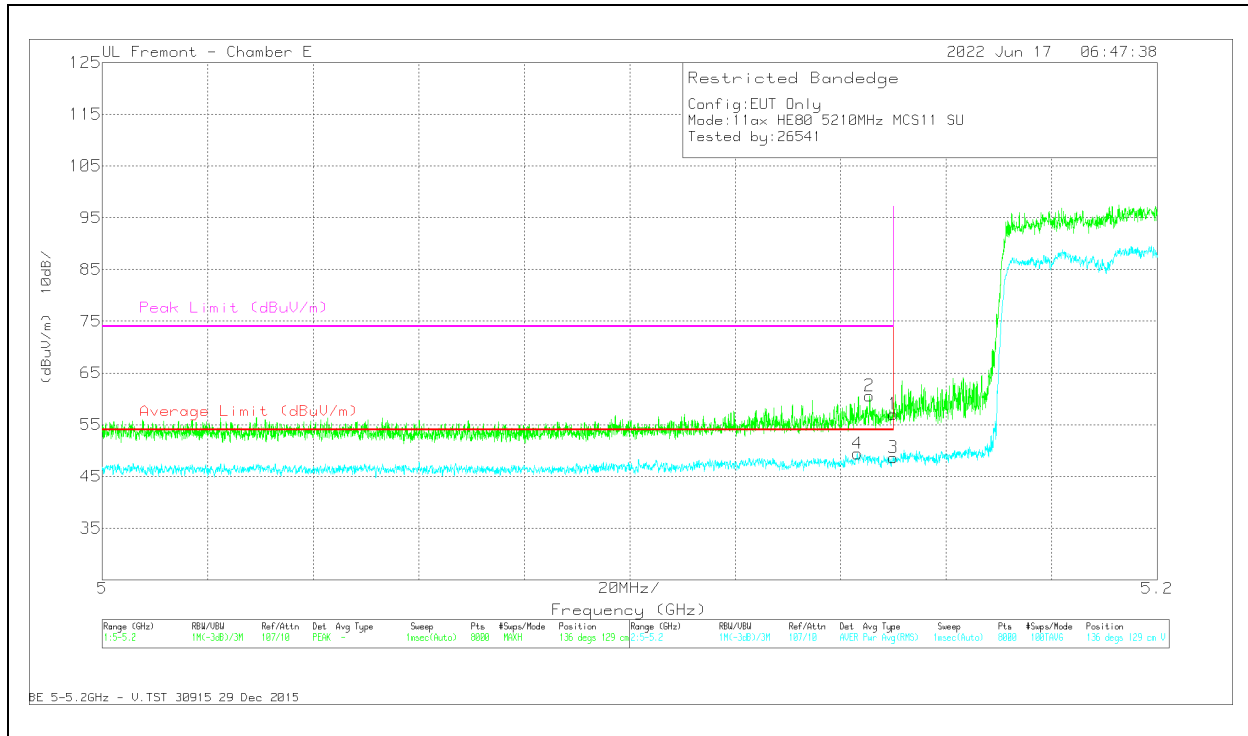
**1TX Antenna 5 MODE: SU, Single User****BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 45.56                | Pk  | 34.5              | -21.4            | 0            | 58.66                      | -                      | -           | 74                  | -15.34         | 82             | 155         | H        |
| 2      | * 5.147768      | 49.74                | Pk  | 34.5              | -21.4            | 0            | 62.84                      | -                      | -           | 74                  | -11.16         | 82             | 155         | H        |
| 3      | * 5.15          | 34.82                | RMS | 34.5              | -21.4            | .98          | 48.9                       | 54                     | -5.1        | -                   | -              | 82             | 155         | H        |
| 4      | * 5.147843      | 37.04                | RMS | 34.5              | -21.4            | .98          | 51.12                      | 54                     | -2.88       | -                   | -              | 82             | 155         | H        |

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

Pk - Peak detector

RMS - RMS detection

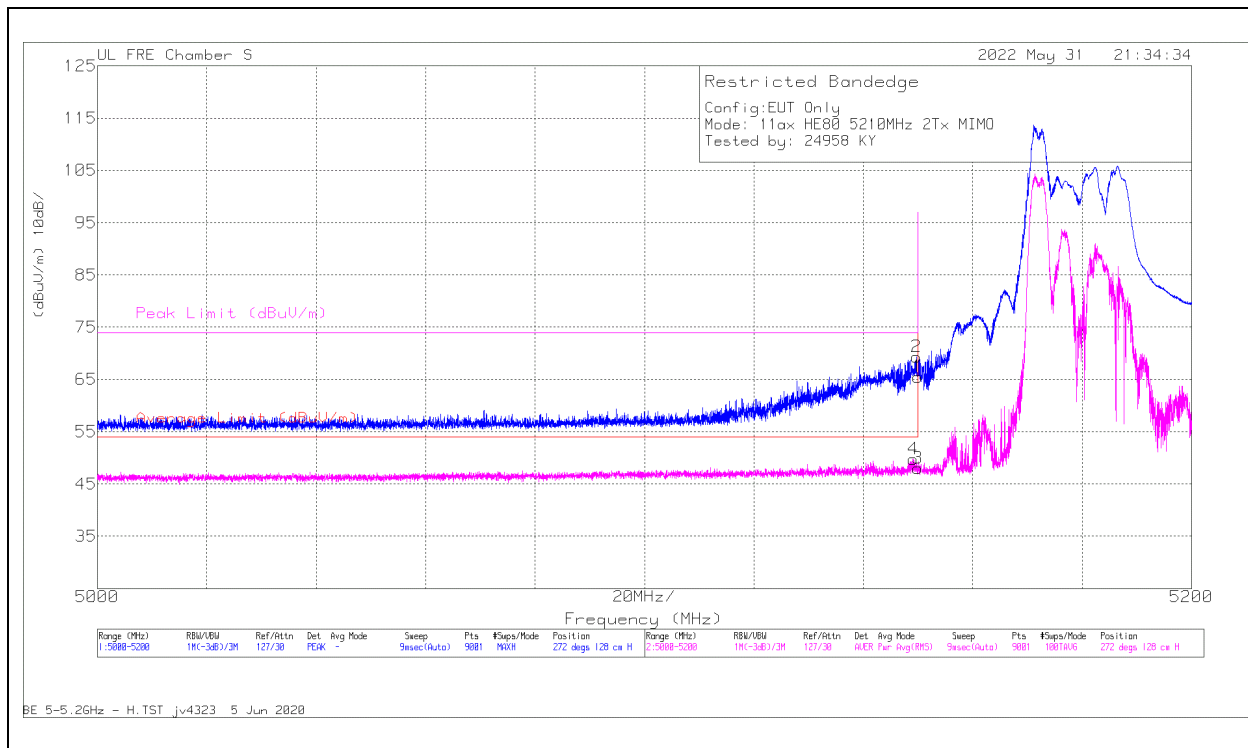
**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.15          | 43.97                | Pk  | 34.5              | -21.4            | 0            | 57.07                      | -                      | -           | 74                  | -16.93         | 136            | 129         | V        |
| 2      | * 5.145467      | 47.5                 | Pk  | 34.5              | -21.4            | 0            | 60.6                       | -                      | -           | 74                  | -13.4          | 136            | 129         | V        |
| 3      | * 5.15          | 34.56                | RMS | 34.5              | -21.4            | .98          | 48.64                      | 54                     | -5.36       | -                   | -              | 136            | 129         | V        |
| 4      | * 5.143142      | 35.35                | RMS | 34.5              | -21.4            | .98          | 49.43                      | 54                     | -4.57       | -                   | -              | 136            | 129         | V        |

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

Pk - Peak detector

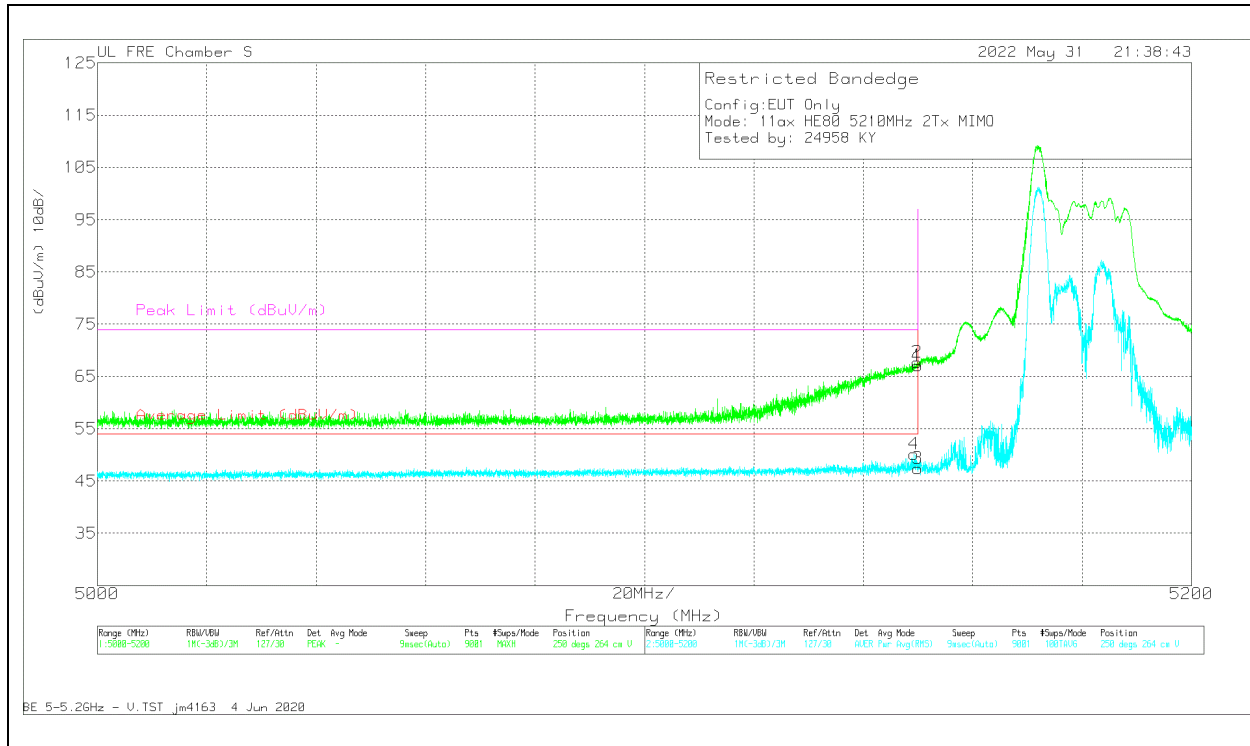
RMS - RMS detection

**2TX Antenna 6 + Antenna 5 OFDMA MODE: 26-Tones, RU Index 0****BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | AF 206807 (dB/m) | Amp/Cb1/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5150            | 62.63                | Pk  | 34.5             | -31.6                  | 0            | 65.53                      | -                      | -           | 74                  | -8.47          | 272            | 128         | H        |
| 2      | 5149.732        | 66.47                | Pk  | 34.5             | -31.6                  | 0            | 69.37                      | -                      | -           | 74                  | -4.63          | 272            | 128         | H        |
| 3      | 5150            | 44.61                | RMS | 34.5             | -31.6                  | .46          | 47.97                      | 54                     | -6.03       | -                   | -              | 272            | 128         | H        |
| 4      | 5149.087        | 46.43                | RMS | 34.5             | -31.6                  | .46          | 49.79                      | 54                     | -4.21       | -                   | -              | 272            | 128         | H        |

Pk - Peak detector

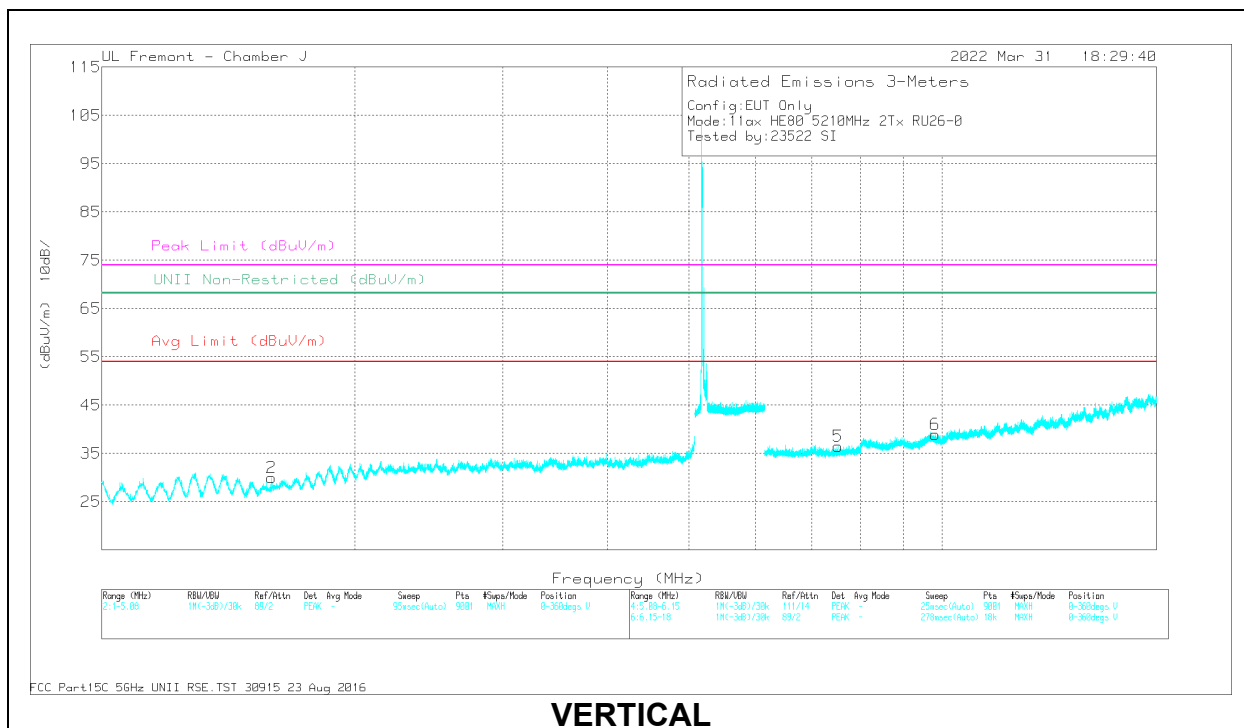
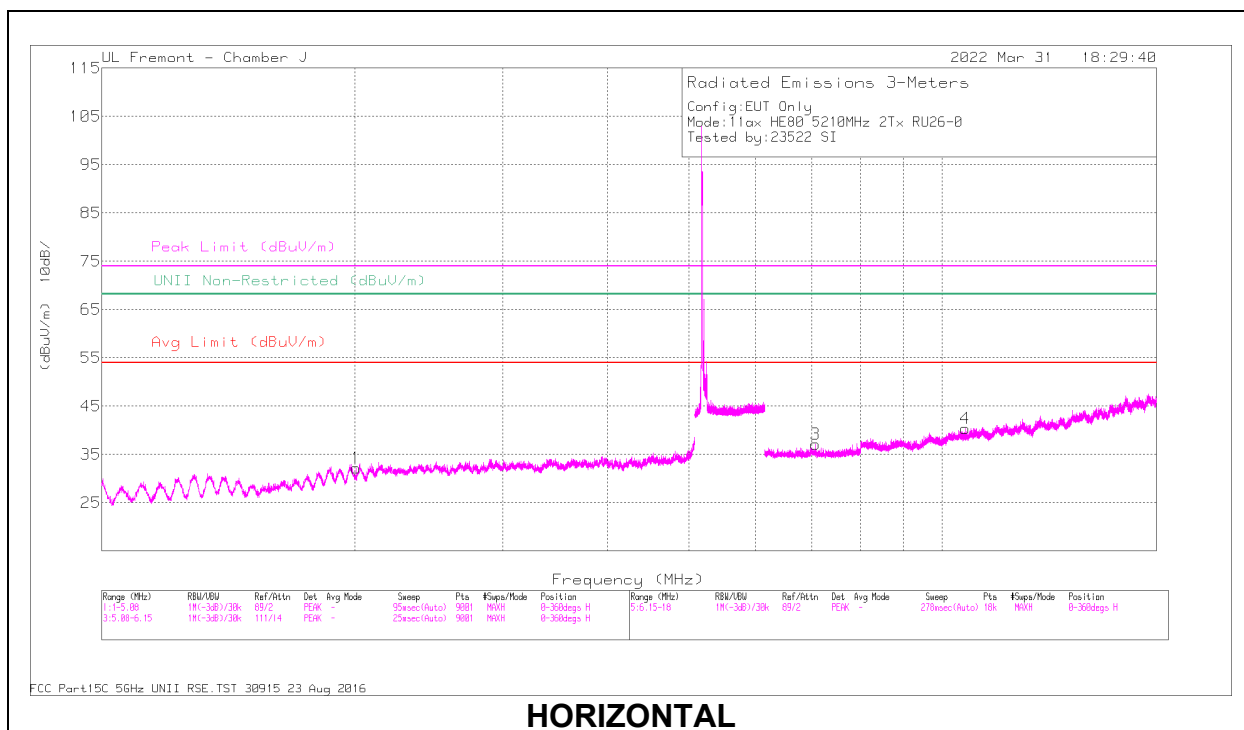
RMS - RMS detection

**VERTICAL RESULT**

| Marker | Frequency (MHz) | Meter Reading (dBUV) | Det | AF 206807 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBUV/m) | Average Limit (dBUV/m) | Margin (dB) | Peak Limit (dBUV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5150            | 64.17                | Pk  | 34.5             | -31.6                  | 0            | 67.07                      | -                      | -           | 74                  | -6.93          | 250            | 264         | V        |
| 2      | 5149.865        | 64.76                | Pk  | 34.5             | -31.6                  | 0            | 67.66                      | -                      | -           | 74                  | -6.34          | 250            | 264         | V        |
| 3      | 5150            | 43.97                | RMS | 34.5             | -31.6                  | .46          | 47.33                      | 54                     | -6.67       | -                   | -              | 250            | 264         | V        |
| 4      | 5149.265        | 46.81                | RMS | 34.5             | -31.6                  | .46          | 50.17                      | 54                     | -3.83       | -                   | -              | 250            | 264         | V        |

Pk - Peak detector

RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS****MID CHANNEL RESULTS**

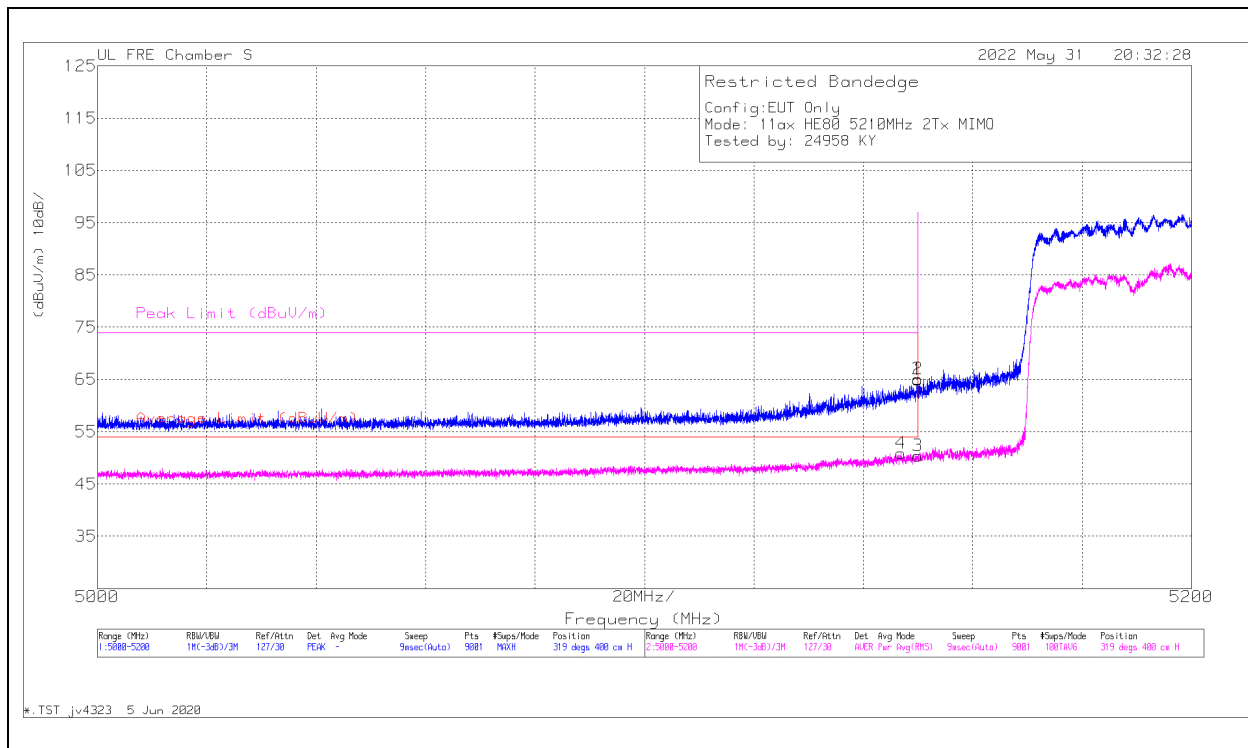
**RADIATED EMISSIONS**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det  | AF 206806 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|------------------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | 2008.365        | 58.59                | PK-U | 31.7             | -48.8                  | 41.49                      | -                  | -           | -                   | -              | 68.2                         | -26.71         | 226            | 228         | H        |
| 2      | * 1594.663      | 60.76                | PK-U | 27.8             | -49.1                  | 39.46                      | -                  | -           | 74                  | -34.54         | -                            | -              | 52             | 326         | V        |
|        | * 1594.609      | 48.3                 | ADR  | 27.8             | -49.1                  | 27                         | 54                 | -27         | -                   | -              | -                            | -              | 52             | 326         | V        |
| 3      | 7067.717        | 55.85                | PK-U | 35.7             | -45.2                  | 46.35                      | -                  | -           | -                   | -              | 68.2                         | -21.85         | 135            | 377         | H        |
|        | * 10656.044     | 55.56                | PK-U | 37.9             | -44.7                  | 48.76                      | -                  | -           | 74                  | -25.24         | -                            | -              | 14             | 297         | H        |
| 4      | * 10657.456     | 44.1                 | ADR  | 37.9             | -44.7                  | 37.3                       | 54                 | -16.7       | -                   | -              | -                            | -              | 14             | 297         | H        |
| 5      | * 7515.52       | 55.82                | PK-U | 35.8             | -46                    | 45.62                      | -                  | -           | 74                  | -28.38         | -                            | -              | 26             | 378         | V        |
|        | * 7516.501      | 44.31                | ADR  | 35.8             | -46                    | 34.11                      | 54                 | -19.89      | -                   | -              | -                            | -              | 26             | 378         | V        |
| 6      | 9817.203        | 56.9                 | PK-U | 37.1             | -45.7                  | 48.3                       | -                  | -           | -                   | -              | 68.2                         | -19.9          | 313            | 204         | V        |

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

PK-U - U-NII: Maximum Peak

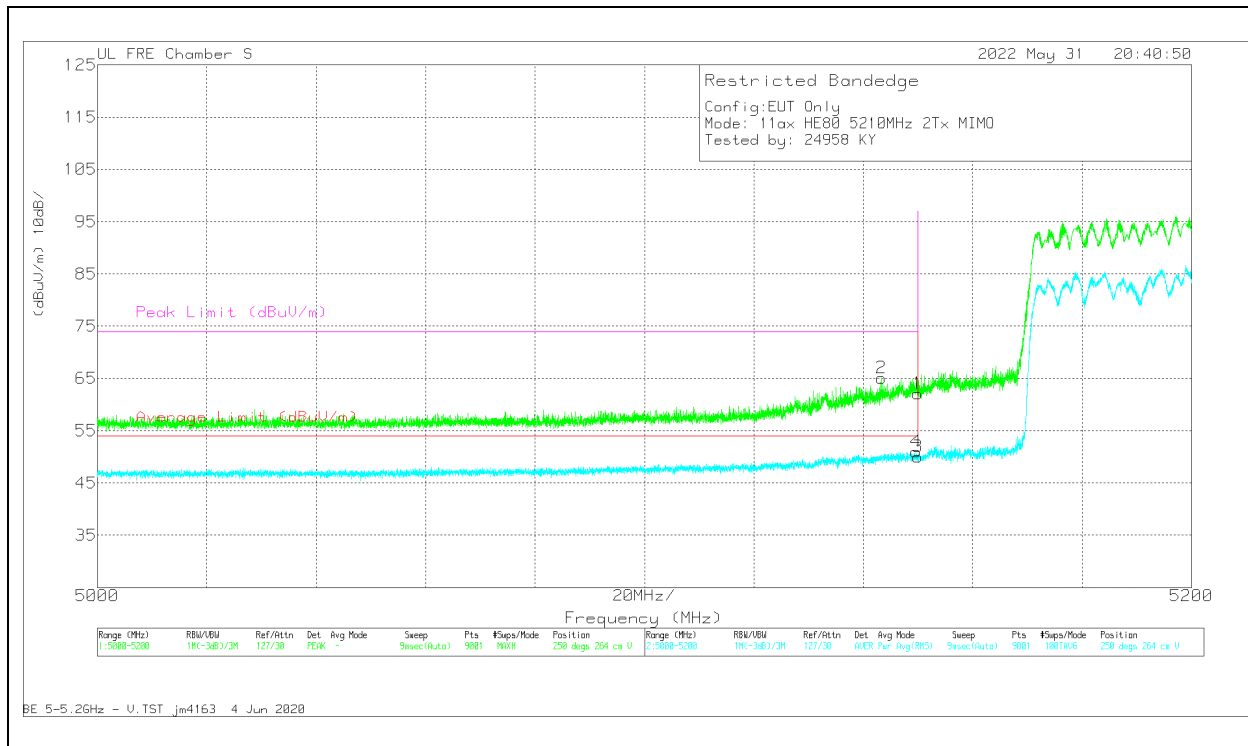
ADR - U-NII AD primary method, RMS average

**2TX Antenna 6 + Antenna 5 OFDMA MODE: SU, Single User****BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | AF 206807 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5150            | 62.05                | Pk  | 34.5             | -31.6                  | 0            | 64.95                      | -                      | -           | 74                  | -9.05          | 319            | 400         | H        |
| 2      | 5149.999        | 62.17                | Pk  | 34.5             | -31.6                  | 0            | 65.07                      | -                      | -           | 74                  | -8.93          | 319            | 400         | H        |
| 3      | 5150            | 46.48                | RMS | 34.5             | -31.6                  | .98          | 50.36                      | 54                     | -3.64       | -                   | -              | 319            | 400         | H        |
| 4      | 5146.887        | 46.96                | RMS | 34.5             | -31.6                  | .98          | 50.84                      | 54                     | -3.16       | -                   | -              | 319            | 400         | H        |

Pk - Peak detector

RMS - RMS detection

**VERTICAL RESULT**

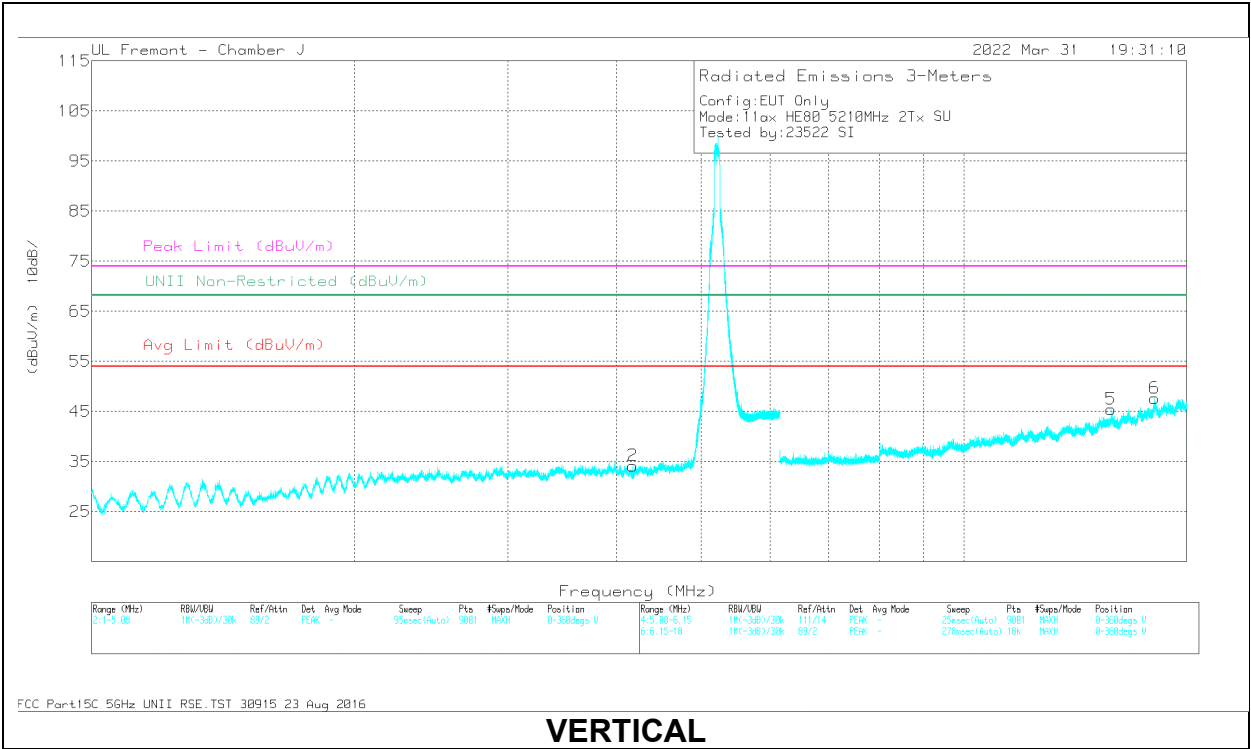
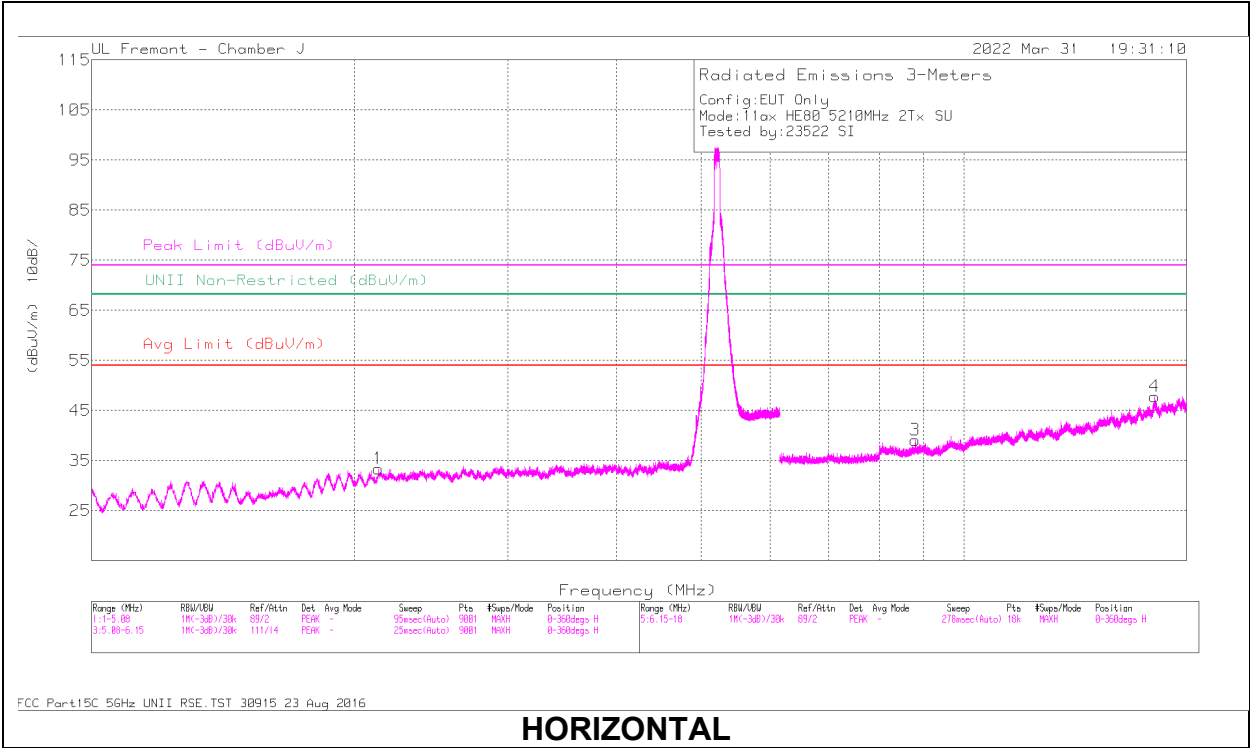
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | AF 206807 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5150            | 59.24                | Pk  | 34.5             | -31.6                  | 0            | 62.14                      | -                      | -           | 74                  | -11.86         | 250            | 264         | V        |
| 2      | 5143.332        | 62.27                | Pk  | 34.5             | -31.7                  | 0            | 65.07                      | -                      | -           | 74                  | -8.93          | 250            | 264         | V        |
| 3      | 5150            | 46.11                | RMS | 34.5             | -31.6                  | .98          | 49.99                      | 54                     | -4.01       | -                   | -              | 250            | 264         | V        |
| 4      | 5149.665        | 47.14                | RMS | 34.5             | -31.6                  | .98          | 51.02                      | 54                     | -2.98       | -                   | -              | 250            | 264         | V        |

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



**RADIATED EMISSIONS**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det  | AF 206806 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|-----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | 2132.576        | 60.29                | PK-U | 31.5             | -49.4                 | 0            | 42.39                      | -                  | -           | -                   | -              | 68.2                         | -25.81         | 358            | 167         | H        |
| 2      | * 4176.269      | 56.62                | PK-U | 33.3             | -47.2                 | 0            | 42.72                      | -                  | -           | 74                  | -31.28         | -                            | -              | 13             | 124         | V        |
|        | * 4174.108      | 45.26                | ADR  | 33.3             | -47.2                 | 0.26         | 31.62                      | 54                 | -22.38      | -                   | -              | -                            | -              | 13             | 124         | V        |
| 3      | 8792.268        | 56.14                | PK-U | 36.1             | -44.8                 | 0            | 47.44                      | -                  | -           | -                   | -              | 68.2                         | -20.76         | 112            | 284         | H        |
| 4      | 16549.965       | 55.6                 | PK-U | 41.4             | -41.4                 | 0            | 55.6                       | -                  | -           | -                   | -              | 68.2                         | -12.6          | 18             | 388         | H        |
| 5      | 14754.629       | 55.24                | PK-U | 39.7             | -41.9                 | 0            | 53.04                      | -                  | -           | -                   | -              | 68.2                         | -15.16         | 352            | 374         | V        |
| 6      | 16545.741       | 55.7                 | PK-U | 41.4             | -41.5                 | 0            | 55.6                       | -                  | -           | -                   | -              | 68.2                         | -12.6          | 120            | 220         | V        |

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

PK-U - U-NII: Maximum Peak

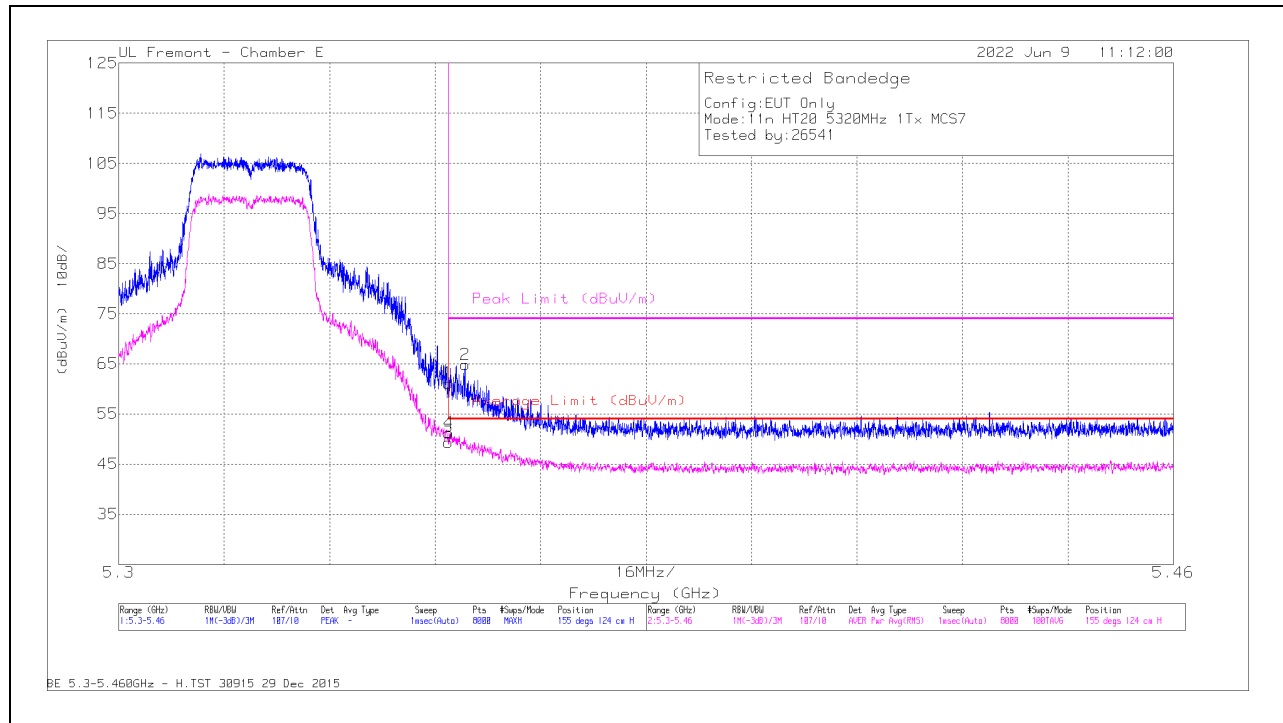
ADR - U-NII AD primary method, RMS average

## 1.1.7. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.3 GHz BAND

### 1TX Antenna 6

### BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT

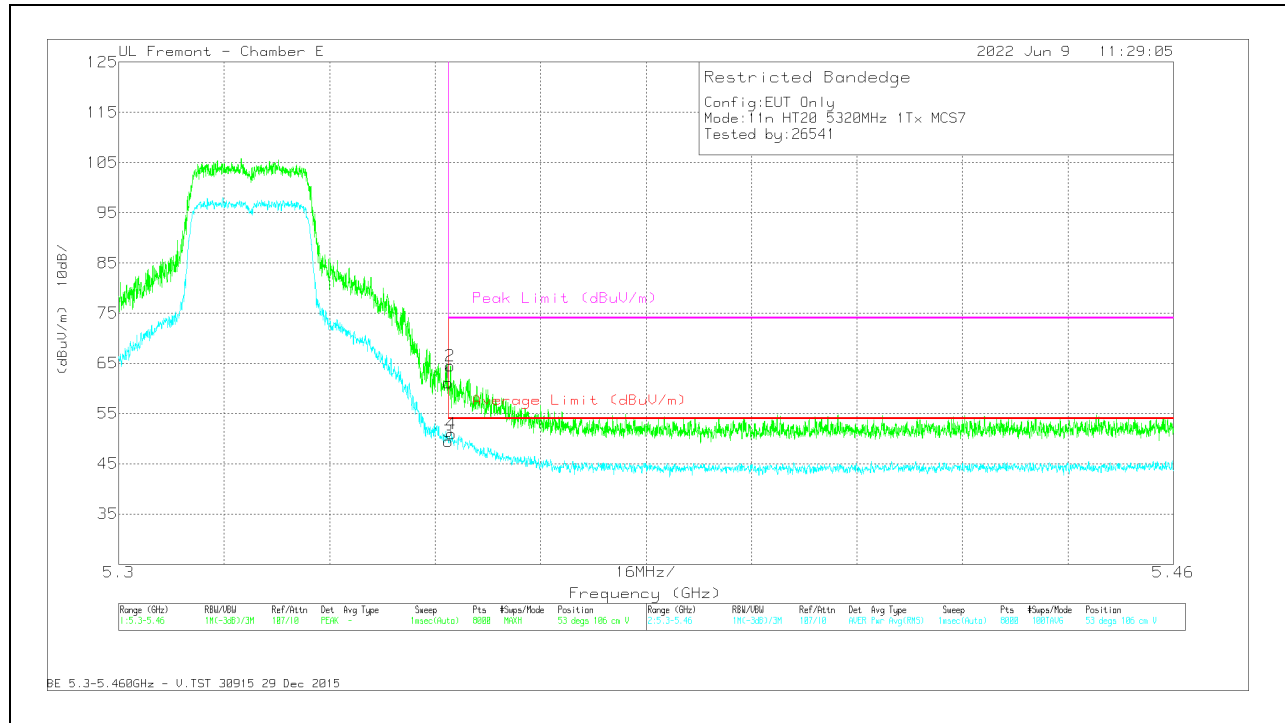


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35          | 47.57                | Pk  | 34.5              | -20.9            | 0            | 61.17                      | -                      | -           | 74                  | -12.83         | 155            | 124         | H        |
| 2      | * 5.352548      | 51.26                | Pk  | 34.5              | -20.9            | 0            | 64.86                      | -                      | -           | 74                  | -9.14          | 155            | 124         | H        |
| 3      | * 5.35          | 35.35                | RMS | 34.5              | -20.9            | .6           | 49.55                      | 54                     | -4.45       | -                   | -              | 155            | 124         | H        |
| 4      | * 5.350108      | 37.27                | RMS | 34.5              | -20.9            | .6           | 51.47                      | 54                     | -2.53       | -                   | -              | 155            | 124         | H        |

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

Pk - Peak detector

RMS - RMS detection

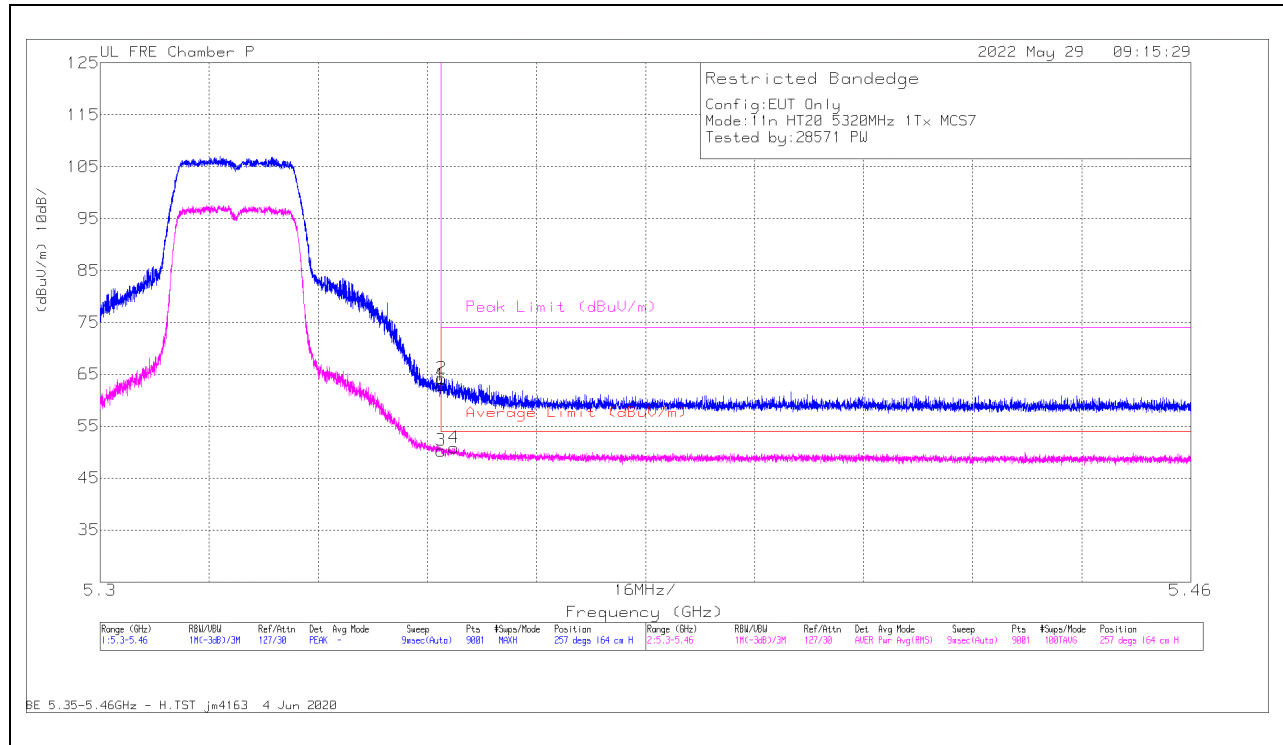
**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35          | 47.48                | Pk  | 34.5              | -20.9            | 0            | 61.08                      | -                      | -           | 74                  | -12.92         | 53             | 106         | V        |
| 2      | * 5.350328      | 50.9                 | Pk  | 34.5              | -20.9            | 0            | 64.5                       | -                      | -           | 74                  | -9.5           | 53             | 106         | V        |
| 3      | * 5.35          | 35.43                | RMS | 34.5              | -20.9            | .6           | 49.63                      | 54                     | -4.37       | -                   | -              | 53             | 106         | V        |
| 4      | * 5.350488      | 36.91                | RMS | 34.5              | -20.9            | .6           | 51.11                      | 54                     | -2.89       | -                   | -              | 53             | 106         | V        |

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

Pk - Peak detector

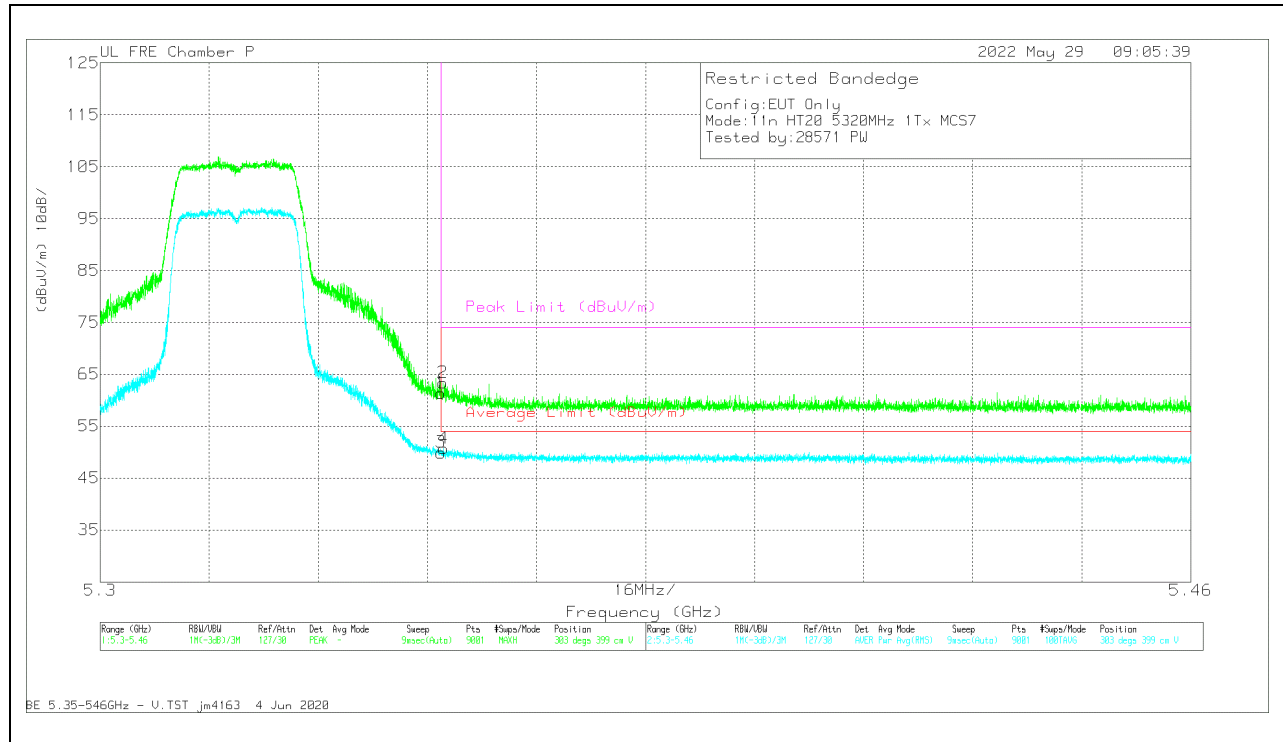
RMS - RMS detection

**1TX Antenna 5****BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 41112 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.35            | 57.51                | Pk  | 34.6            | -29.3                 | 0            | 62.81                      | -                      | -           | 74                  | -11.19         | 257            | 164         | H        |
| 2      | 5.350098        | 58.95                | Pk  | 34.6            | -29.3                 | 0            | 64.25                      | -                      | -           | 74                  | -9.75          | 257            | 164         | H        |
| 3      | 5.35            | 44.58                | RMS | 34.6            | -29.3                 | .6           | 50.48                      | 54                     | -3.52       | -                   | -              | 257            | 164         | H        |
| 4      | 5.351912        | 45.03                | RMS | 34.7            | -29.3                 | .6           | 51.03                      | 54                     | -2.97       | -                   | -              | 257            | 164         | H        |

Pk - Peak detector

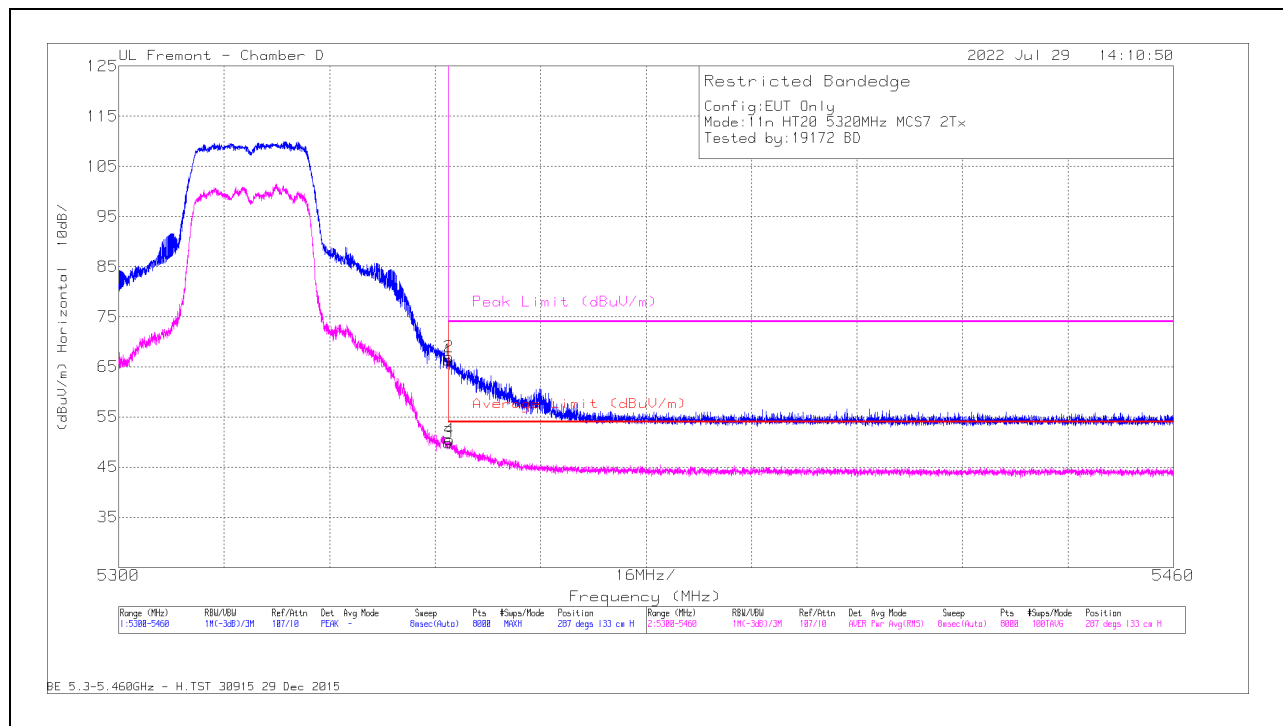
RMS - RMS detection

**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 41112 (dB/m) | Amp/Cbl/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.35            | 56.02                | Pk  | 34.6            | -29.3                 | 0            | 61.32                      | -                      | -           | 74                  | -12.68         | 303            | 399         | V        |
| 2      | 5.350294        | 58.08                | Pk  | 34.6            | -29.3                 | 0            | 63.38                      | -                      | -           | 74                  | -10.62         | 303            | 399         | V        |
| 3      | 5.35            | 44.2                 | RMS | 34.6            | -29.3                 | .6           | 50.1                       | 54                     | -3.9        | -                   | -              | 303            | 399         | V        |
| 4      | 5.350365        | 44.96                | RMS | 34.6            | -29.3                 | .6           | 50.86                      | 54                     | -3.14       | -                   | -              | 303            | 399         | V        |

Pk - Peak detector

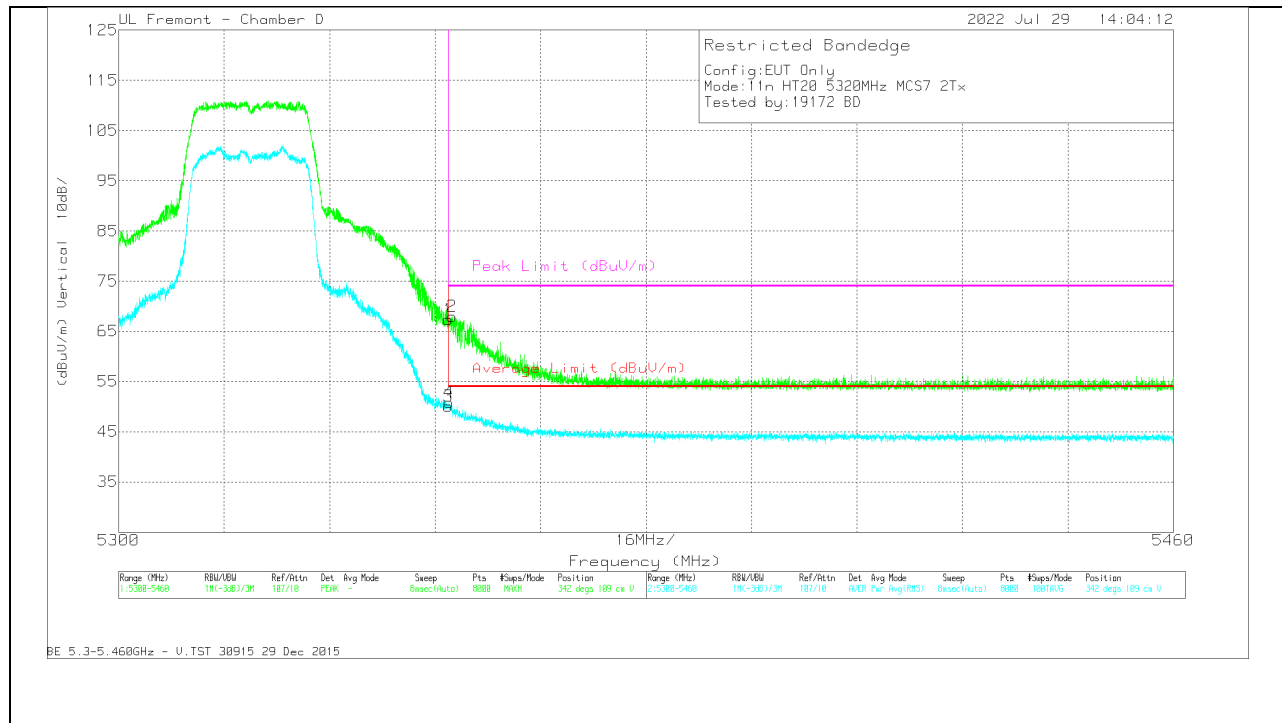
RMS - RMS detection

**2TX Antenna 6 + Antenna 5 CDD MODE****BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200786 ACF (dB/m) | Amp/Cb I/Filt/Pa d (dB) | DC Corr (dB) | Correct ed Readin g (dBuV/ m) | Averag e Limit (dBuV/ m) | Margin (dB) | Peak Limit (dBuV/ m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|-------------------------|--------------|-------------------------------|--------------------------|-------------|----------------------|----------------|----------------|-------------|----------|
| 1      | * 5350          | 50.07                | Pk  | 34.8              | -18.5                   | 0            | 66.37                         | -                        | -           | 74                   | -7.63          | 287            | 133         | H        |
| 2      | * 5350.048      | 50.69                | Pk  | 34.8              | -18.5                   | 0            | 66.99                         | -                        | -           | 74                   | -7.01          | 287            | 133         | H        |
| 3      | * 5350          | 32.92                | RMS | 34.8              | -18.5                   | .6           | 49.82                         | 54                       | -4.18       | -                    | -              | 287            | 133         | H        |
| 4      | * 5350.228      | 33.6                 | RMS | 34.8              | -18.5                   | .6           | 50.5                          | 54                       | -3.5        | -                    | -              | 287            | 133         | H        |

Pk - Peak detector

RMS - RMS detection

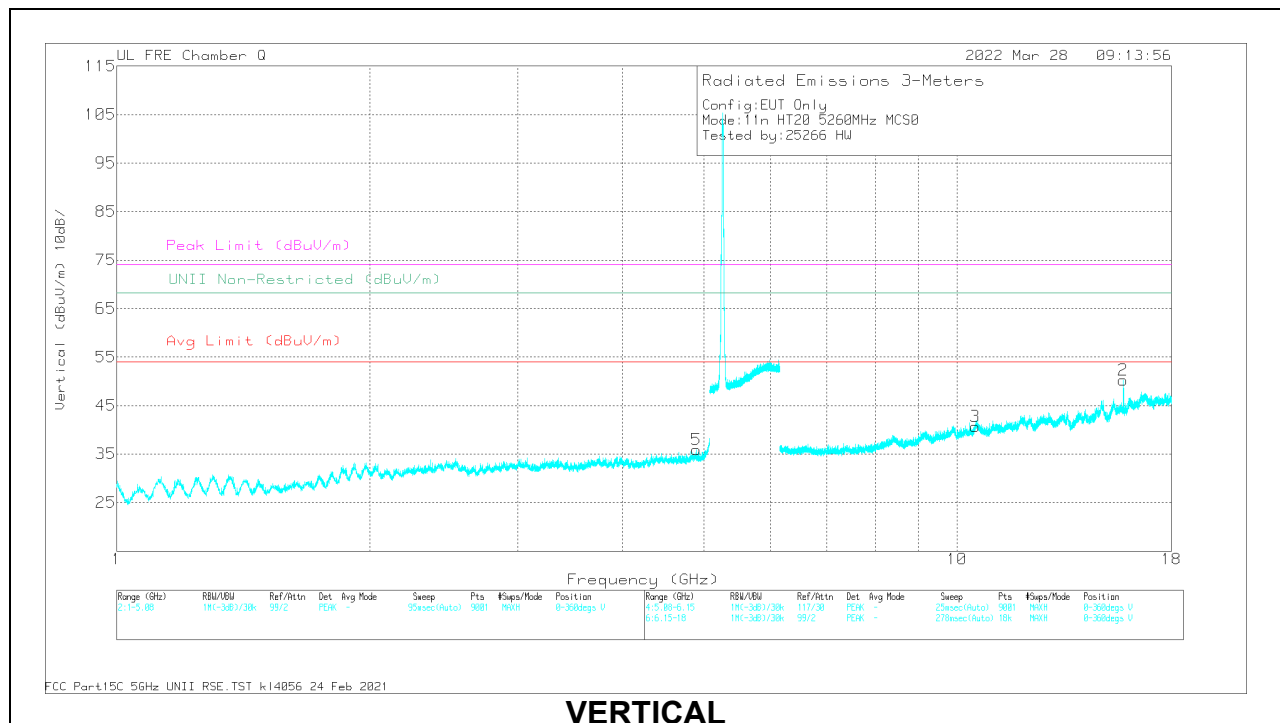
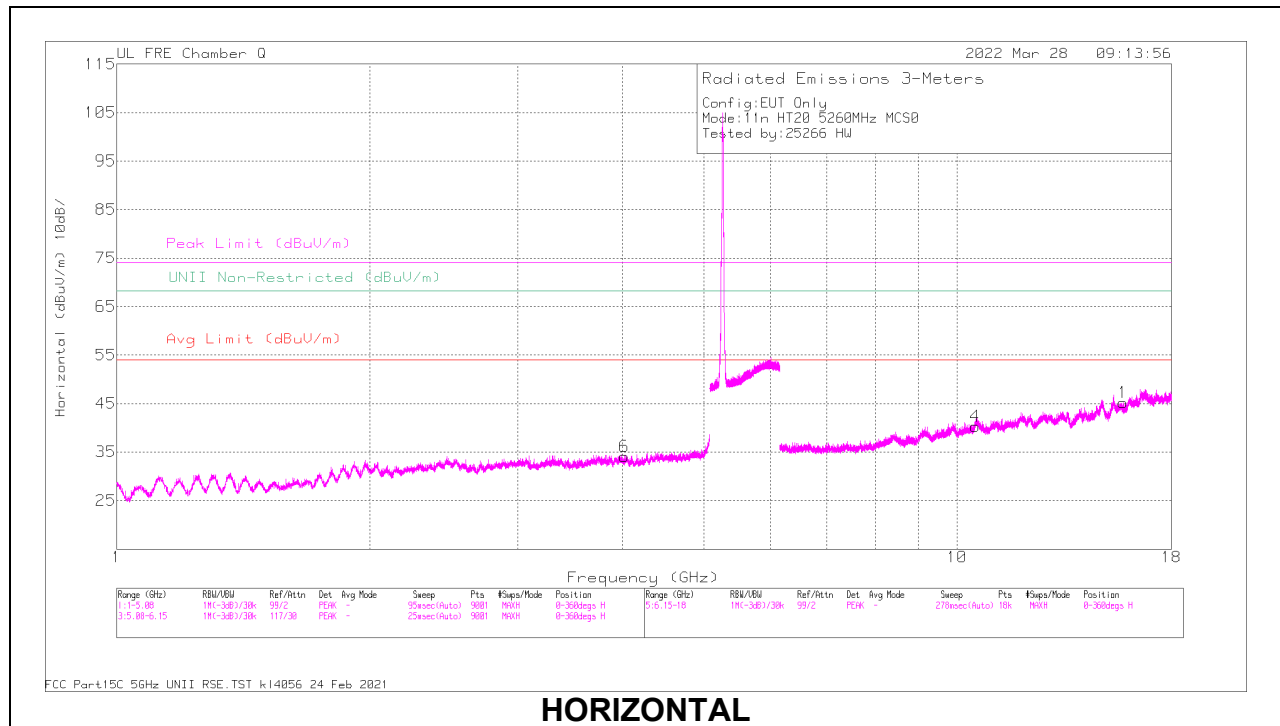
**VERTICAL RESULT**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 200786 ACF (dB/m) | Amp/Cb I/Filt/Pa d (dB) | DC Corr (dB) | Correct ed Reading (dBuV/m) | Averag e Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|-------------------------|--------------|-----------------------------|-------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5350          | 51.04                | Pk  | 34.8              | -18.5                   | 0            | 67.34                       | -                       | -           | 74                  | -6.66          | 342            | 109         | V        |
| 2      | * 5350.568      | 51.73                | Pk  | 34.8              | -18.5                   | 0            | 68.03                       | -                       | -           | 74                  | -5.97          | 342            | 109         | V        |
| 3      | * 5350          | 33.24                | RMS | 34.8              | -18.5                   | 6            | 50.14                       | 54                      | -3.86       | -                   | -              | 342            | 109         | V        |
| 4      | * 5350.128      | 33.91                | RMS | 34.8              | -18.5                   | 6            | 50.81                       | 54                      | -3.19       | -                   | -              | 342            | 109         | V        |

Pk - Peak detector  
RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS

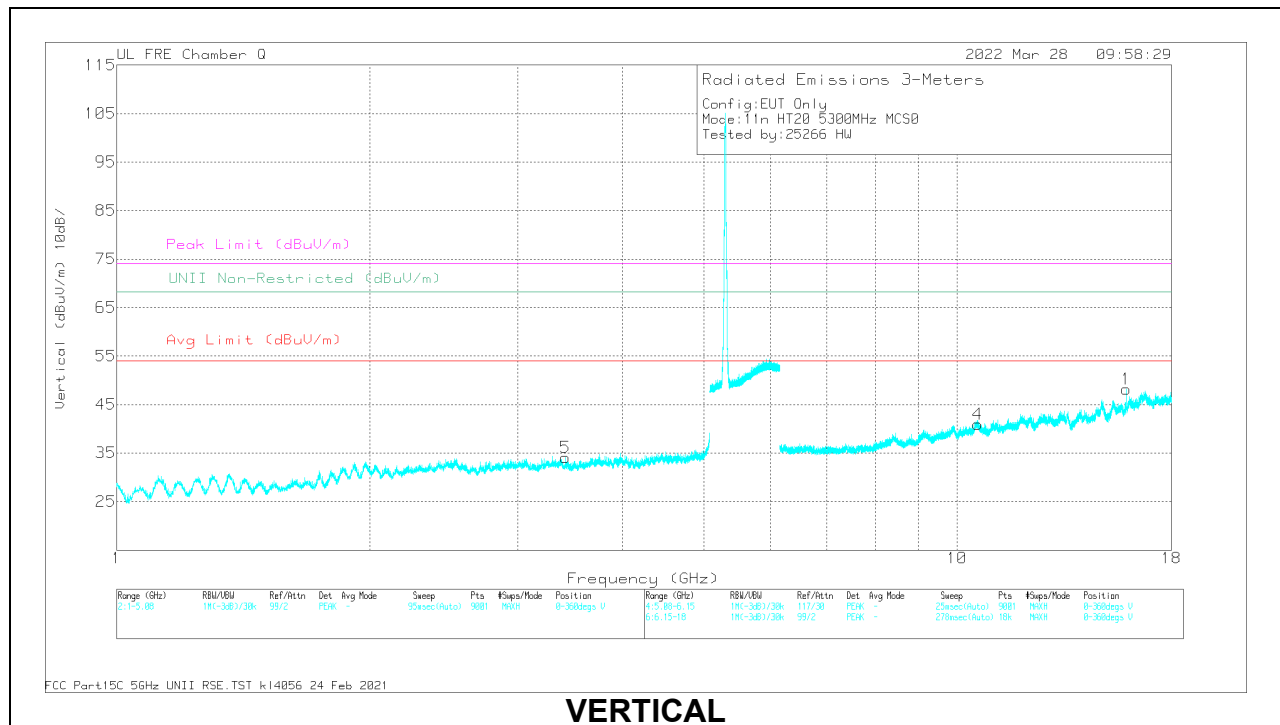
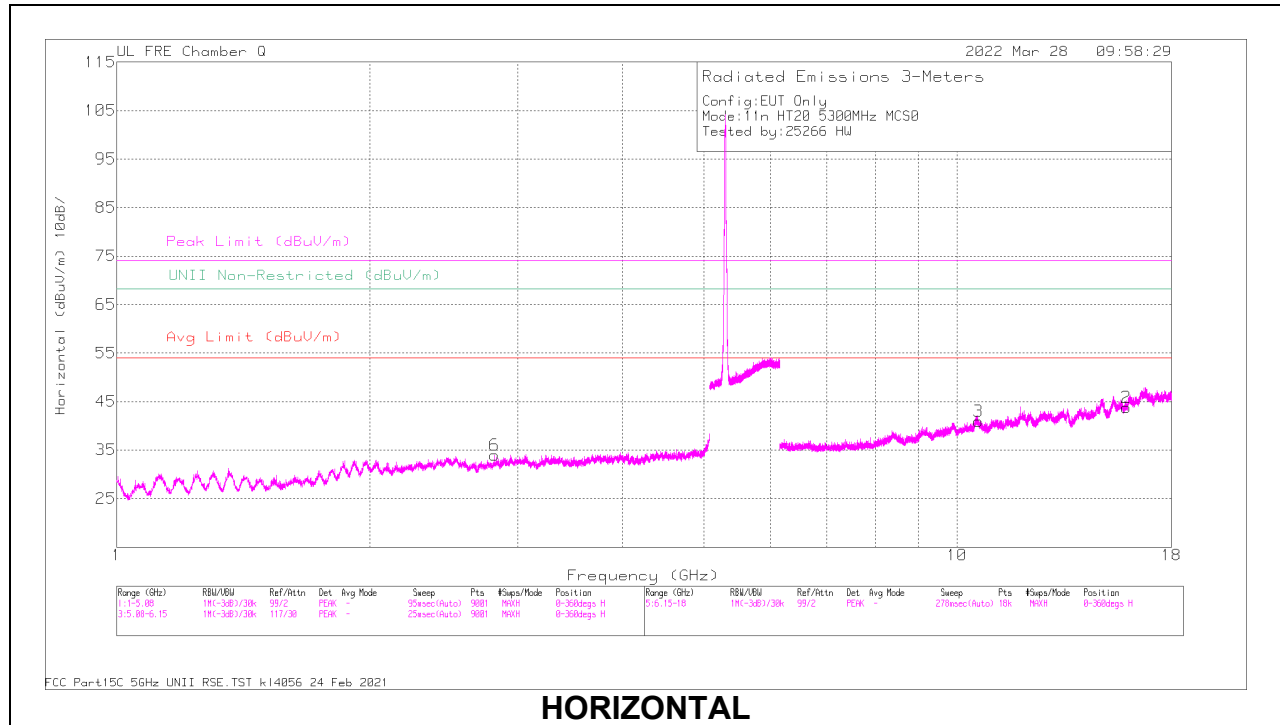


**RADIATED EMISSIONS**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF 200895 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | 15.778275       | 48.22                | PK-U | 40.3             | -33.6                  | 0            | 54.92                      | -                  | -           | 74                  | -19.08         | -                            | -              | 327            | 126         | H        |
|        | 15.776689       | 36.54                | ADR  | 40.3             | -33.6                  | 0.14         | 43.38                      | 54                 | -10.62      | -                   | -              | -                            | -              | 327            | 126         | H        |
| 2      | 15.778057       | 52.68                | PK-U | 40.3             | -33.6                  | 0            | 59.38                      | -                  | -           | 74                  | -14.62         | -                            | -              | 18             | 109         | V        |
|        | 15.777702       | 39.3                 | ADR  | 40.3             | -33.6                  | 0.14         | 46.14                      | 54                 | -7.86       | -                   | -              | -                            | -              | 18             | 109         | V        |
| 3      | 10.521971       | 47.75                | PK-U | 37.6             | -34.3                  | 0            | 51.05                      | -                  | -           | -                   | -              | 68.2                         | -17.15         | 208            | 108         | V        |
| 4      | 10.51951        | 48.02                | PK-U | 37.6             | -34.4                  | 0            | 51.22                      | -                  | -           | -                   | -              | 68.2                         | -16.98         | 222            | 203         | H        |
| 5      | 4.895852        | 39.58                | ADR  | 33.8             | -40.2                  | 0.14         | 33.32                      | 54                 | -20.68      | -                   | -              | -                            | -              | 142            | 155         | V        |
|        | 10.519452       | 36.33                | ADR  | 37.6             | -34.4                  | 0.14         | 39.53                      | -                  | -           | -                   | -              | -                            | -              | 222            | 203         | H        |
| 6      | 4.020566        | 39.38                | ADR  | 33.4             | -40.6                  | 0.14         | 32.32                      | 54                 | -21.68      | -                   | -              | -                            | -              | 37             | 235         | H        |
|        | 4.023786        | 50.72                | PK-U | 33.4             | -40.6                  | 0            | 43.52                      | -                  | -           | 74                  | -30.48         | -                            | -              | 37             | 235         | H        |

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

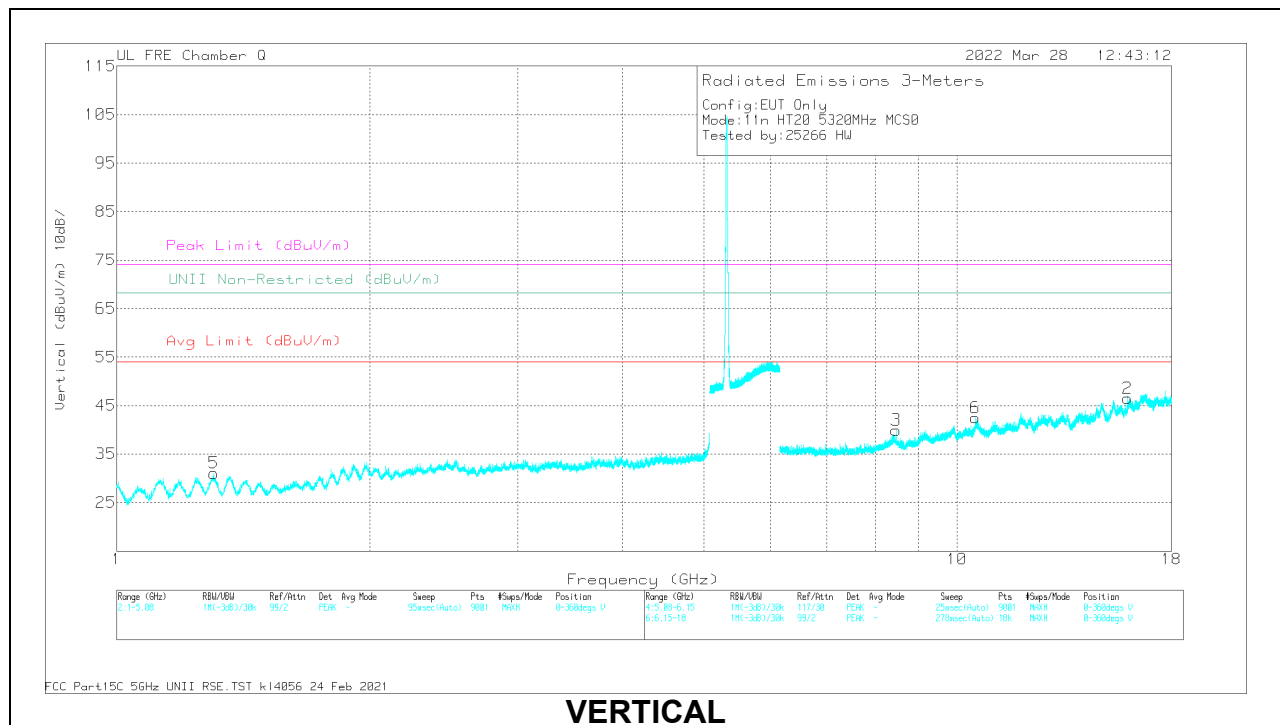
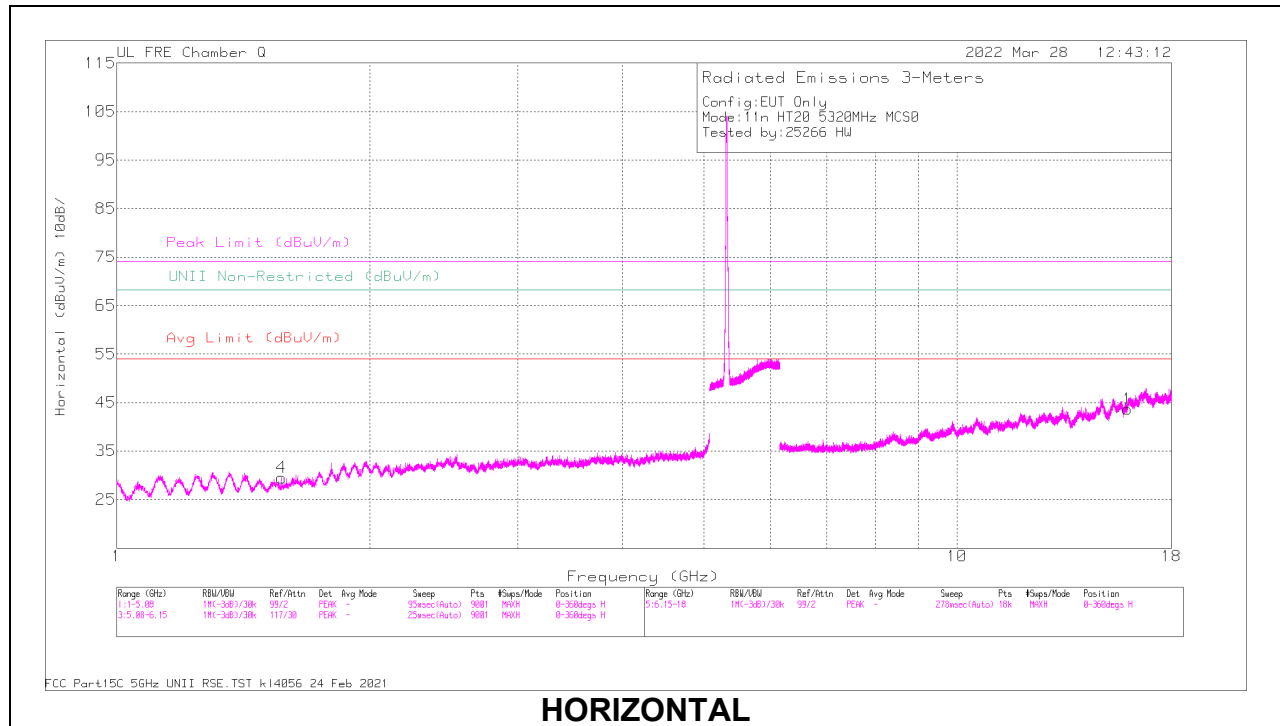
**MID CHANNEL RESULTS**

**RADIATED EMISSIONS**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF 200895 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | 15.900074       | 49.63                | PK-U | 40.5             | -33.4                  | 0            | 56.73                      | -                  | -           | 74                  | -17.27         | -                            | -              | 49             | 140         | V        |
|        | 15.900521       | 37.86                | ADR  | 40.5             | -33.4                  | 0.14         | 45.1                       | 54                 | -8.9        | -                   | -              | -                            | -              | 49             | 140         | V        |
| 2      | 15.903358       | 47.33                | PK-U | 40.5             | -33.4                  | 0            | 54.43                      | -                  | -           | 74                  | -19.57         | -                            | -              | 120            | 393         | H        |
|        | 15.900321       | 36.17                | ADR  | 40.5             | -33.4                  | 0.14         | 43.41                      | 54                 | -10.59      | -                   | -              | -                            | -              | 120            | 393         | H        |
| 3      | 10.601294       | 47.49                | PK-U | 37.7             | -34.1                  | 0            | 51.09                      | -                  | -           | 74                  | -22.91         | -                            | -              | 112            | 169         | H        |
|        | 10.598699       | 35.81                | ADR  | 37.6             | -34.1                  | 0.14         | 39.45                      | 54                 | -14.55      | -                   | -              | -                            | -              | 112            | 169         | H        |
| 4      | 10.593496       | 47.72                | PK-U | 37.7             | -34.1                  | 0            | 51.32                      | -                  | -           | -                   | -              | 68.2                         | -16.88         | 336            | 114         | V        |
| 5      | 3.419516        | 51.25                | PK-U | 32.5             | -41                    | 0            | 42.75                      | -                  | -           | -                   | -              | 68.2                         | -25.45         | 256            | 247         | V        |
| 6      | 2.814841        | 54.26                | PK-U | 32.2             | -43.5                  | 0            | 42.96                      | -                  | -           | 74                  | -31.04         | -                            | -              | 45             | 204         | H        |
|        | 2.815637        | 42.4                 | ADR  | 32.2             | -43.5                  | 0.14         | 31.24                      | 54                 | -22.76      | -                   | -              | -                            | -              | 45             | 204         | H        |

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**HIGH CHANNEL RESULTS**

**RADIATED EMISSIONS**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF 200895 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 1      | 15.95951        | 46.98                | PK-U | 40.5             | -33                    | 0            | 54.48                      | -                  | -           | 74                  | -19.52         | -                            | -              | 74             | 330         | H        |
|        | 15.957356       | 35.67                | ADR  | 40.5             | -33.1                  | 0.14         | 43.21                      | 54                 | -10.79      | -                   | -              | -                            | -              | 74             | 330         | H        |
| 2      | 15.957959       | 36.51                | ADR  | 40.5             | -33.1                  | 0.14         | 44.05                      | 54                 | -9.95       | -                   | -              | -                            | -              | 16             | 200         | V        |
|        | 15.958842       | 48.36                | PK-U | 40.5             | -33                    | 0            | 55.86                      | -                  | -           | 74                  | -18.14         | -                            | -              | 16             | 200         | V        |
| 3      | 8.459299        | 36.49                | ADR  | 35.9             | -35.8                  | 0.14         | 36.73                      | 54                 | -17.27      | -                   | -              | -                            | -              | 176            | 154         | V        |
|        | 8.461344        | 48.71                | PK-U | 36               | -35.8                  | 0            | 48.91                      | -                  | -           | 74                  | -25.09         | -                            | -              | 176            | 154         | V        |
| 4      | 1.571157        | 55.18                | PK-U | 27.5             | -44.6                  | 0            | 38.08                      | -                  | -           | 74                  | -35.92         | -                            | -              | 178            | 227         | H        |
|        | 1.571777        | 43.7                 | ADR  | 27.5             | -44.7                  | 0.14         | 26.64                      | 54                 | -27.36      | -                   | -              | -                            | -              | 178            | 227         | H        |
| 5      | 1.302463        | 56.87                | PK-U | 28.7             | -45.1                  | 0            | 40.47                      | -                  | -           | 74                  | -33.53         | -                            | -              | 49             | 202         | V        |
|        | 1.304345        | 45.26                | ADR  | 28.7             | -45.1                  | 0.14         | 29                         | 54                 | -25         | -                   | -              | -                            | -              | 49             | 202         | V        |
| 6      | 10.513949       | 48.05                | PK-U | 37.6             | -34.5                  | 0            | 51.15                      | -                  | -           | -                   | -              | 68.2                         | -17.05         | 33             | 124         | V        |

PK-U - U-NII: Maximum Peak

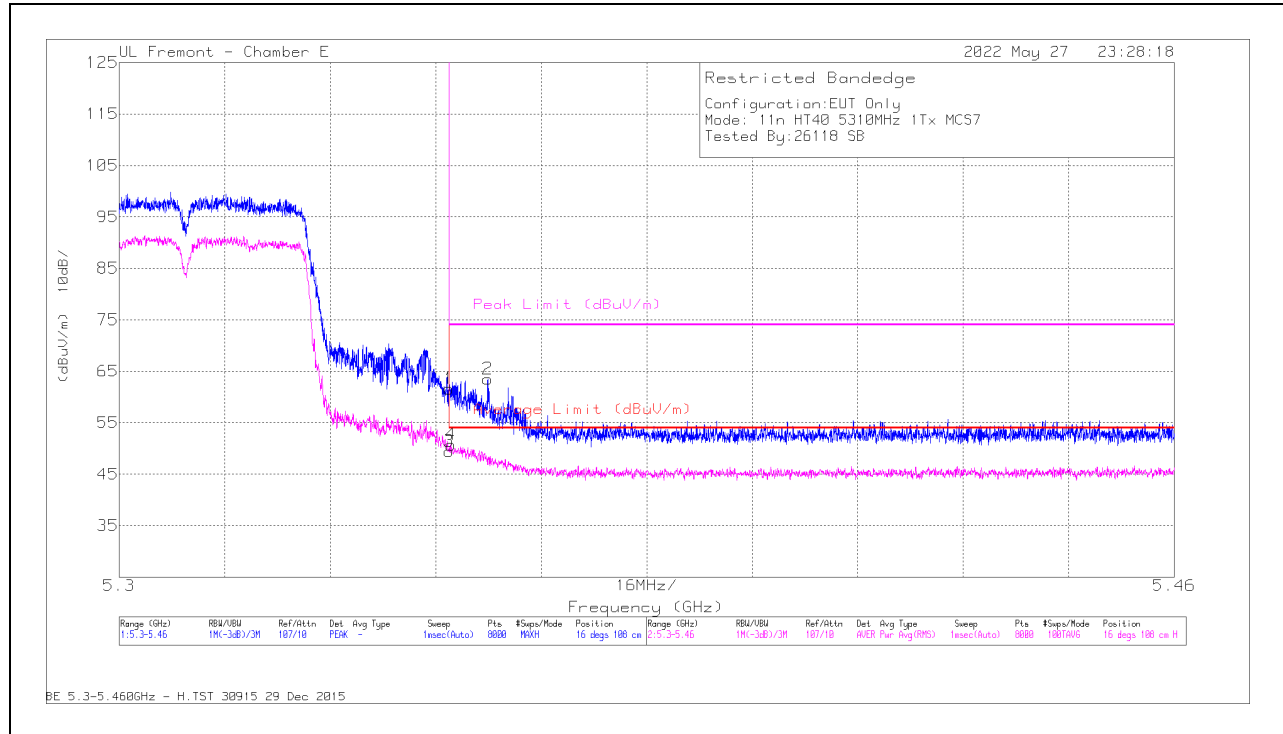
ADR - U-NII AD primary method, RMS average

## 1.1.8. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.3 GHz BAND

### 1TX Antenna 6

### BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT

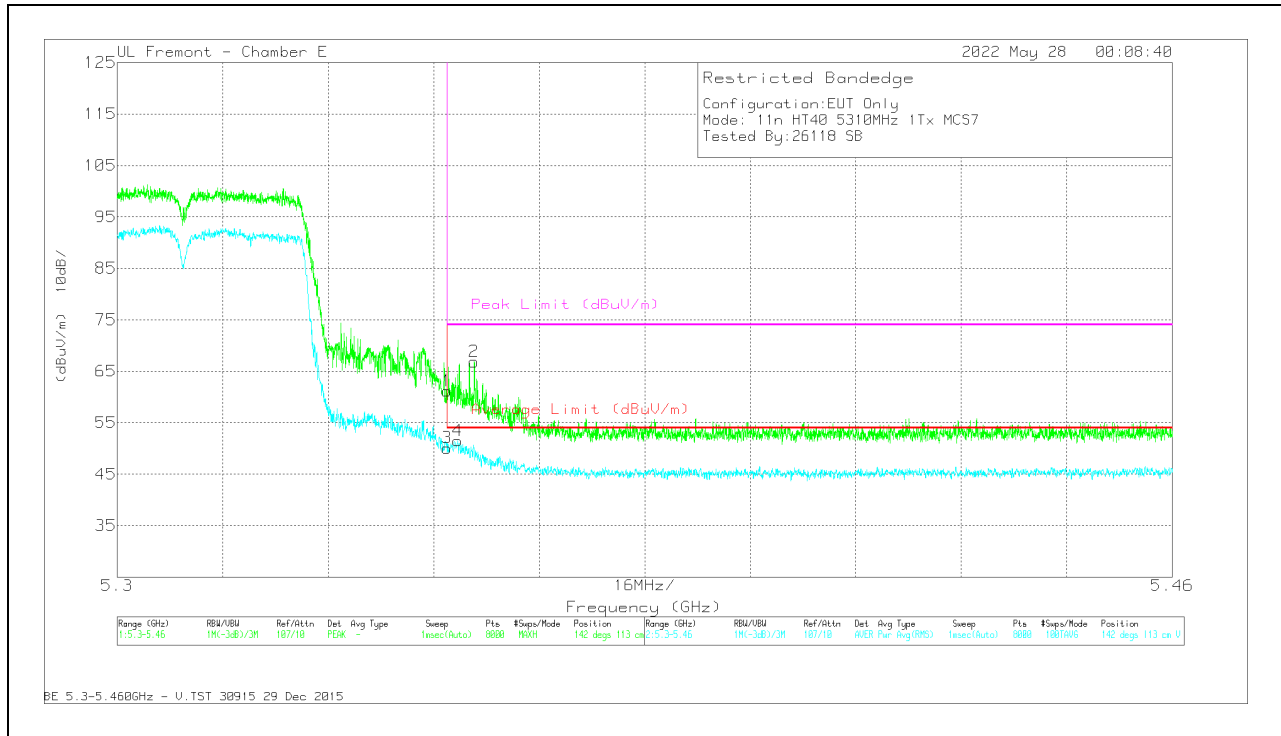


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35          | 48.01                | Pk  | 34.5              | -20.9            | 0            | 61.61                      | -                      | -           | 74                  | -12.39         | 16             | 108         | H        |
| 2      | * 5.355888      | 49.93                | Pk  | 34.5              | -20.9            | 0            | 63.53                      | -                      | -           | 74                  | -10.47         | 16             | 108         | H        |
| 3      | * 5.35          | 35.24                | RMS | 34.5              | -20.9            | .89          | 49.73                      | 54                     | -4.27       | -                   | -              | 16             | 108         | H        |
| 4      | * 5.350268      | 36.49                | RMS | 34.5              | -20.9            | .89          | 50.98                      | 54                     | -3.02       | -                   | -              | 16             | 108         | H        |

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

Pk - Peak detector

RMS - RMS detection

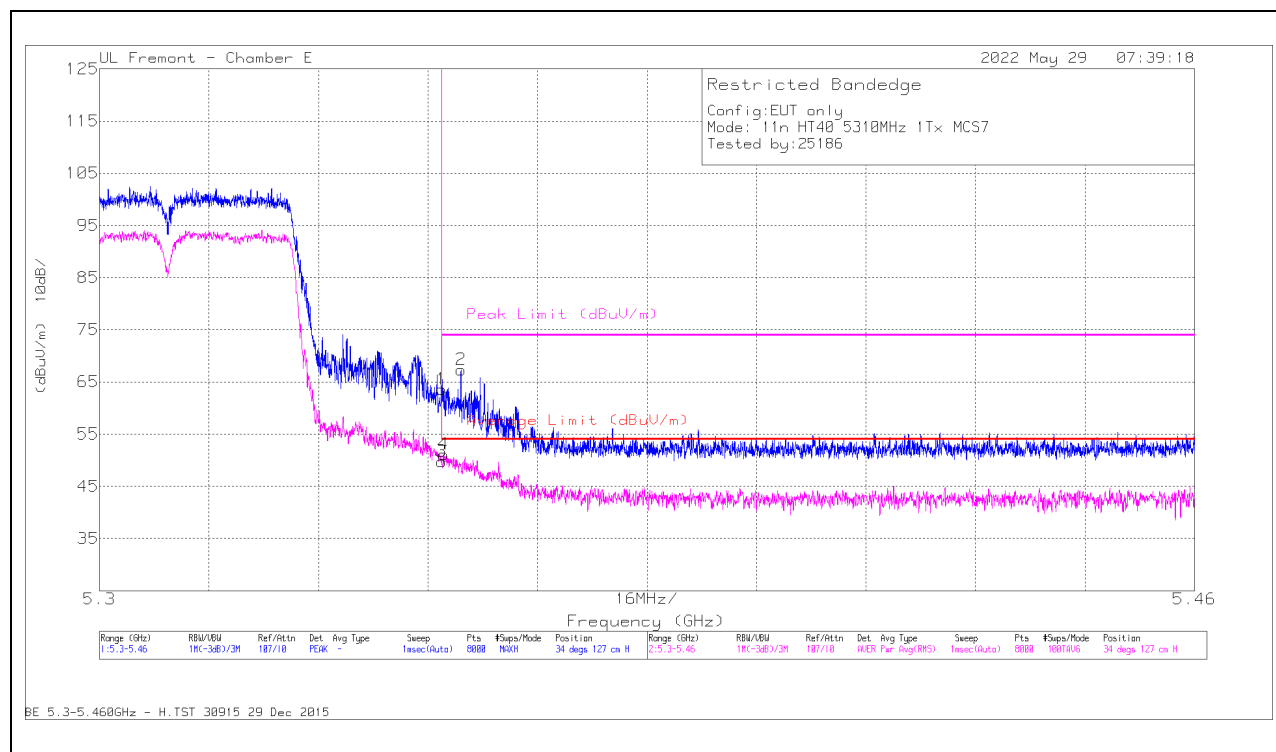
**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35          | 47.58                | Pk  | 34.5              | -20.9            | 0            | 61.18                      | -                      | -           | 74                  | -12.82         | 142            | 113         | V        |
| 2      | * 5.354148      | 53.27                | Pk  | 34.5              | -20.9            | 0            | 66.87                      | -                      | -           | 74                  | -7.13          | 142            | 113         | V        |
| 3      | * 5.35          | 35.85                | RMS | 34.5              | -20.9            | .89          | 50.34                      | 54                     | -3.64       | -                   | -              | 142            | 113         | V        |
| 4      | * 5.351648      | 37.26                | RMS | 34.5              | -20.9            | .89          | 51.75                      | 54                     | -2.25       | -                   | -              | 142            | 113         | V        |

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

Pk - Peak detector

RMS - RMS detection

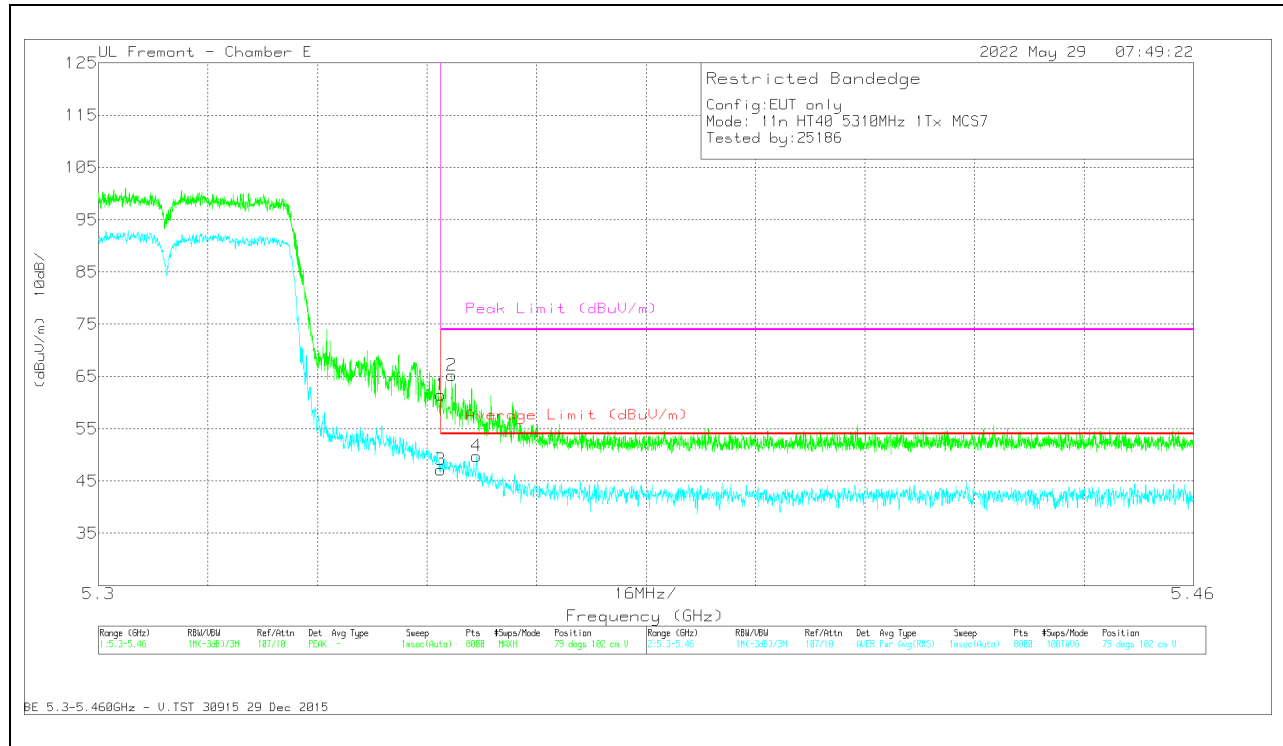
**1TX Antenna 5****BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35          | 49.98                | Pk  | 34.5              | -20.9            | 0            | 63.58                      | -                      | -           | 74                  | -10.42         | 34             | 127         | H        |
| 2      | * 5.352808      | 53.77                | Pk  | 34.5              | -20.9            | 0            | 67.37                      | -                      | -           | 74                  | -6.63          | 34             | 127         | H        |
| 3      | * 5.35          | 35.49                | RMS | 34.5              | -20.9            | .89          | 49.98                      | 54                     | -4.02       | -                   | -              | 34             | 127         | H        |
| 4      | * 5.350248      | 36.88                | RMS | 34.5              | -20.9            | .89          | 51.37                      | 54                     | -2.63       | -                   | -              | 34             | 127         | H        |

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

Pk - Peak detector

RMS - RMS detection

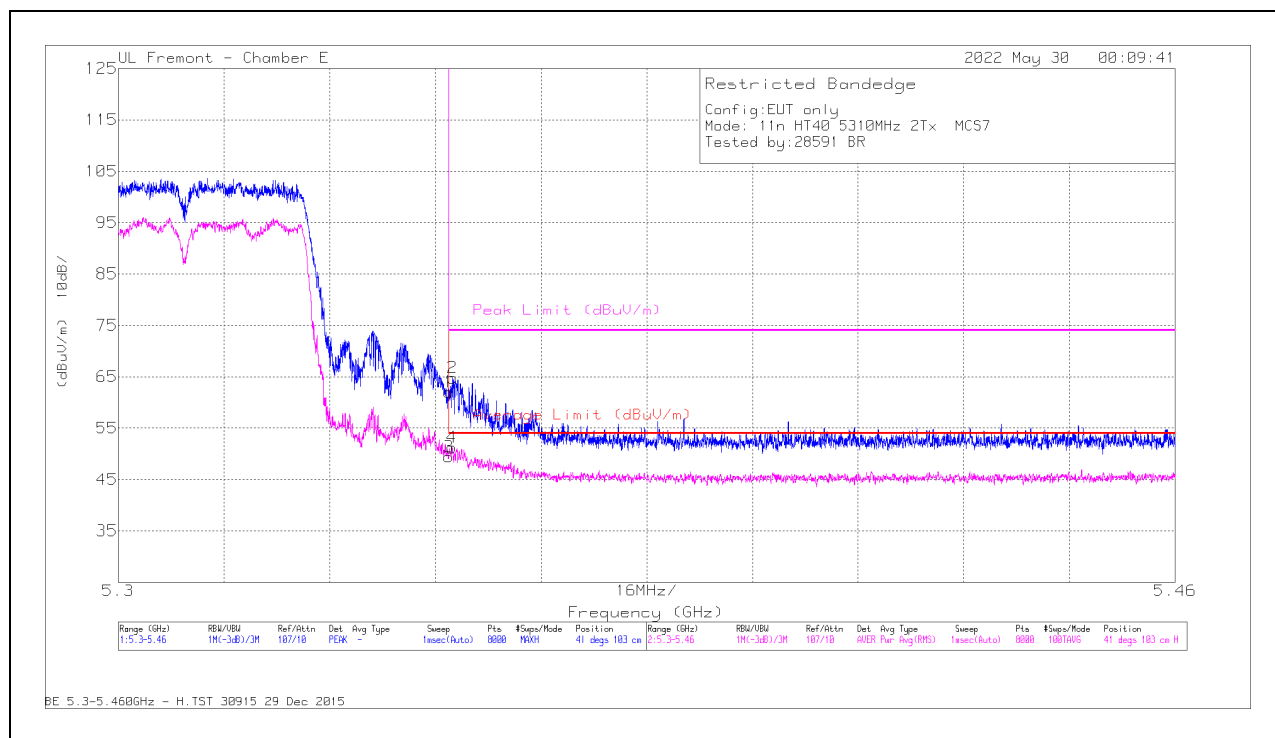
**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35          | 47.91                | Pk  | 34.5              | -20.9            | 0            | 61.51                      | -                      | -           | 74                  | -12.49         | 79             | 102         | V        |
| 2      | * 5.351628      | 51.58                | Pk  | 34.5              | -20.9            | 0            | 65.18                      | -                      | -           | 74                  | -8.82          | 79             | 102         | V        |
| 3      | * 5.35          | 32.93                | RMS | 34.5              | -20.9            | .89          | 47.42                      | 54                     | -6.58       | -                   | -              | 79             | 102         | V        |
| 4      | * 5.355268      | 35.47                | RMS | 34.5              | -20.9            | .89          | 49.96                      | 54                     | -4.04       | -                   | -              | 79             | 102         | V        |

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

Pk - Peak detector

RMS - RMS detection

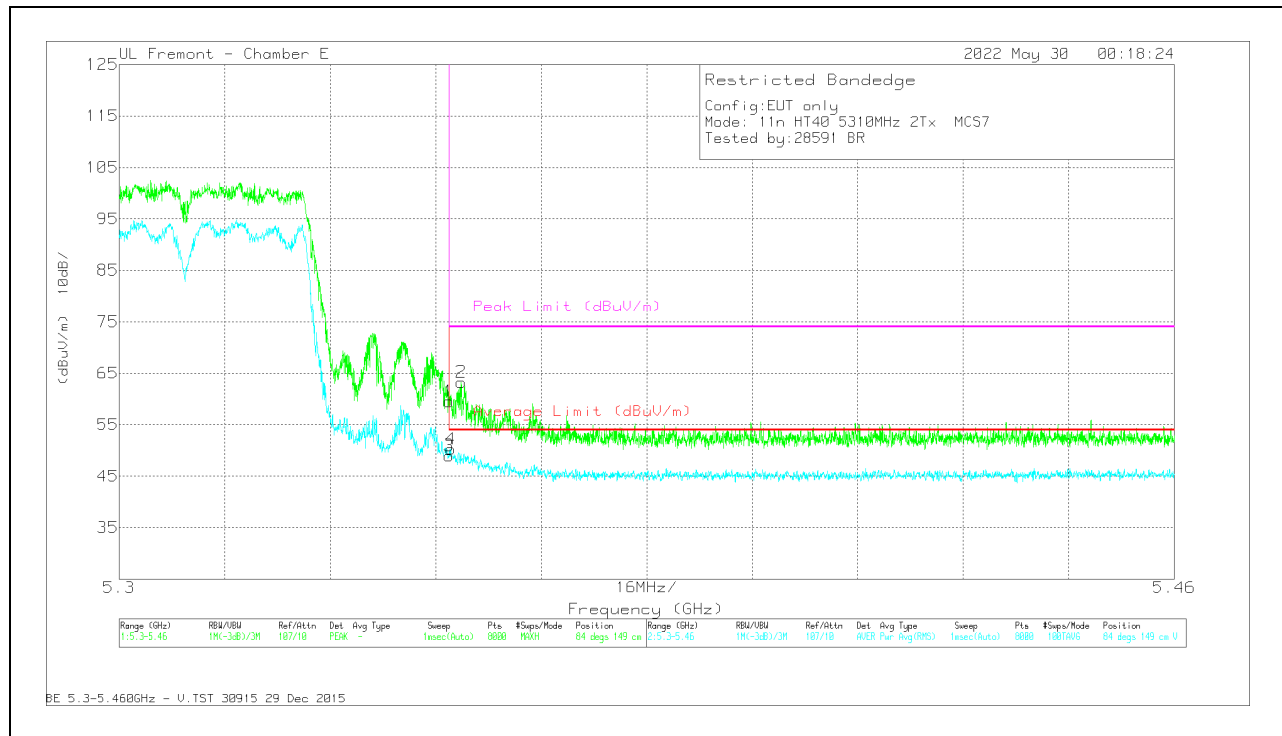
**2TX Antenna 6 + Antenna 5 CDD MODE****BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35          | 48.43                | Pk  | 34.5              | -20.9            | 0            | 62.03                      | -                      | -           | 74                  | -11.97         | 41             | 103         | H        |
| 2      | * 5.350608      | 51.2                 | Pk  | 34.5              | -20.9            | 0            | 64.8                       | -                      | -           | 74                  | -9.2           | 41             | 103         | H        |
| 3      | * 5.35          | 34.93                | RMS | 34.5              | -20.9            | .89          | 49.42                      | 54                     | -4.58       | -                   | -              | 41             | 103         | H        |
| 4      | * 5.350528      | 36.74                | RMS | 34.5              | -20.9            | .89          | 51.23                      | 54                     | -2.77       | -                   | -              | 41             | 103         | H        |

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

Pk - Peak detector

RMS - RMS detection

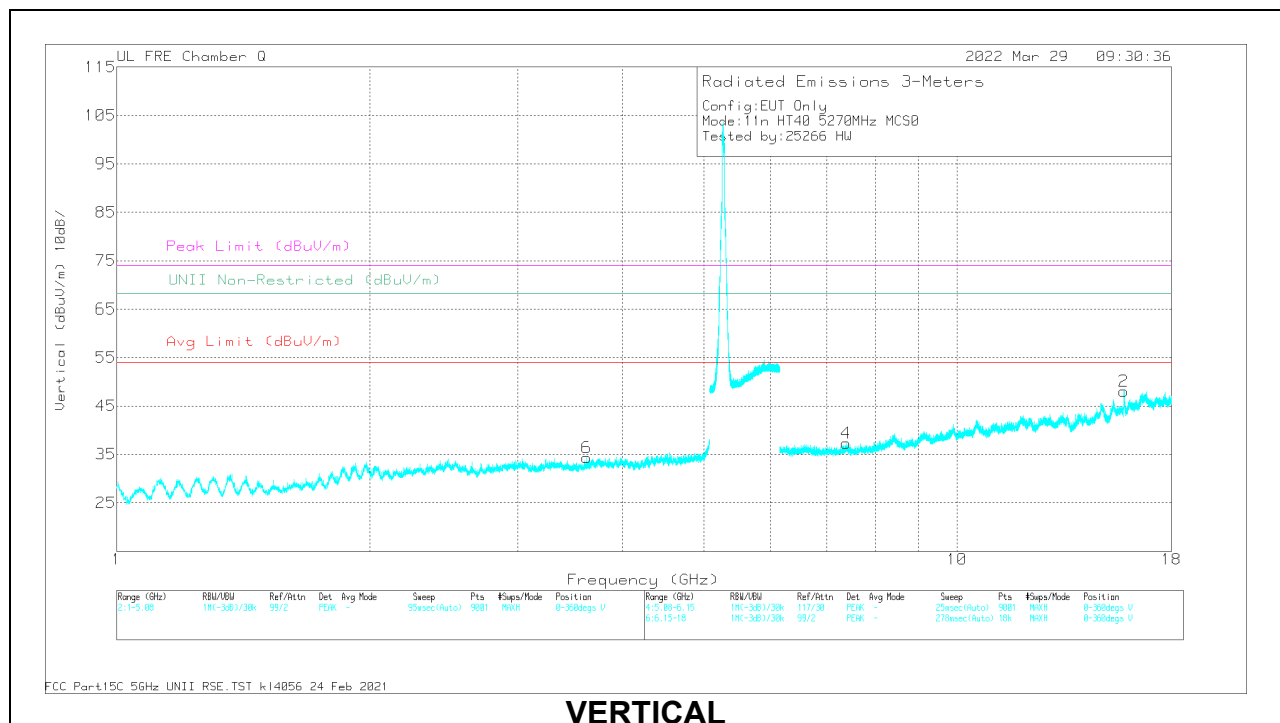
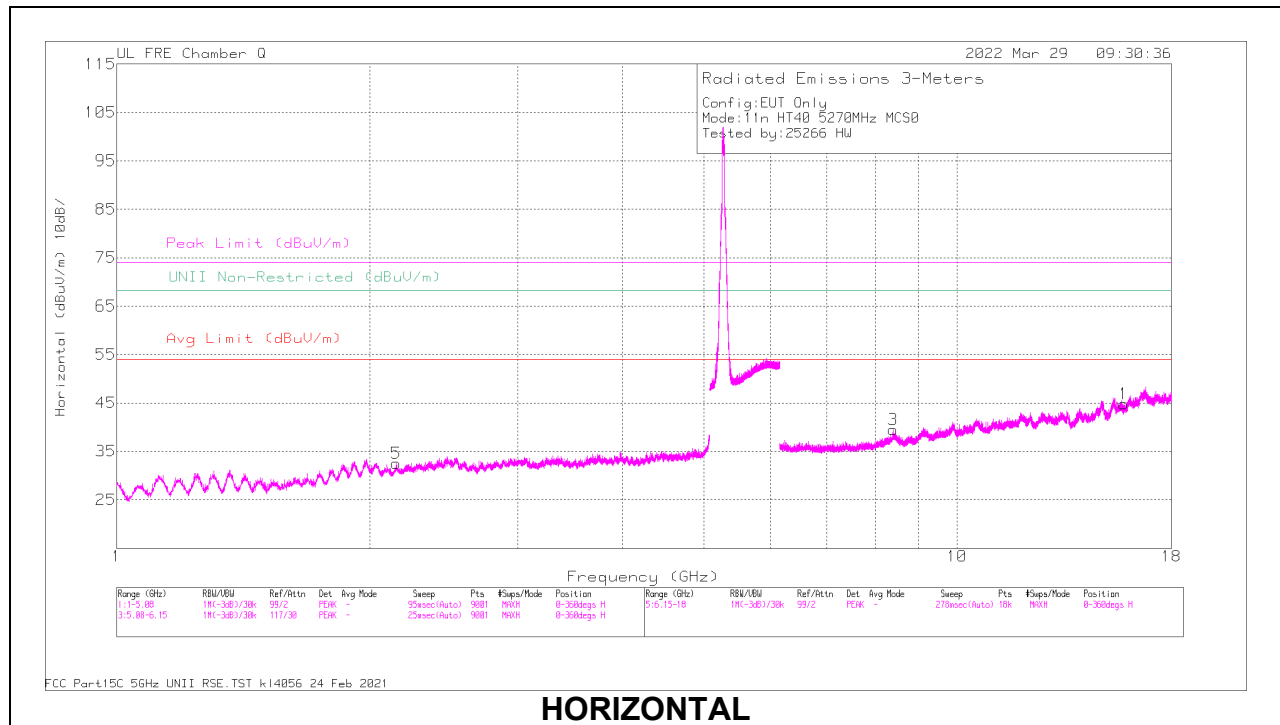
**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/ Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|-------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35          | 45.94                | Pk  | 34.5              | -20.9             | 0            | 59.54                      | -                      | -           | 74                  | -14.46         | 84             | 149         | V        |
| 2      | * 5.351868      | 49.67                | Pk  | 34.5              | -20.9             | 0            | 63.27                      | -                      | -           | 74                  | -10.73         | 84             | 149         | V        |
| 3      | * 5.35          | 34.45                | RMS | 34.5              | -20.9             | .89          | 48.94                      | 54                     | -5.06       | -                   | -              | 84             | 149         | V        |
| 4      | * 5.350268      | 35.77                | RMS | 34.5              | -20.9             | .89          | 50.26                      | 54                     | -3.74       | -                   | -              | 84             | 149         | V        |

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

Pk - Peak detector

RMS - RMS detection

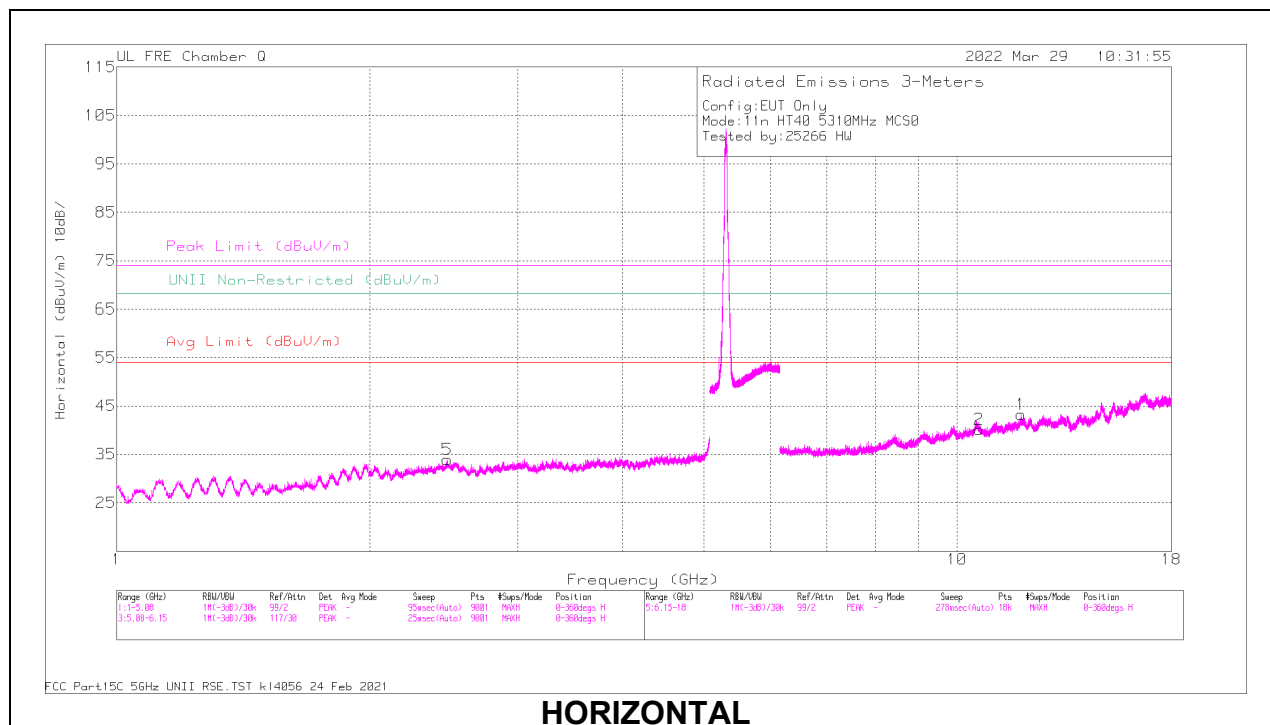
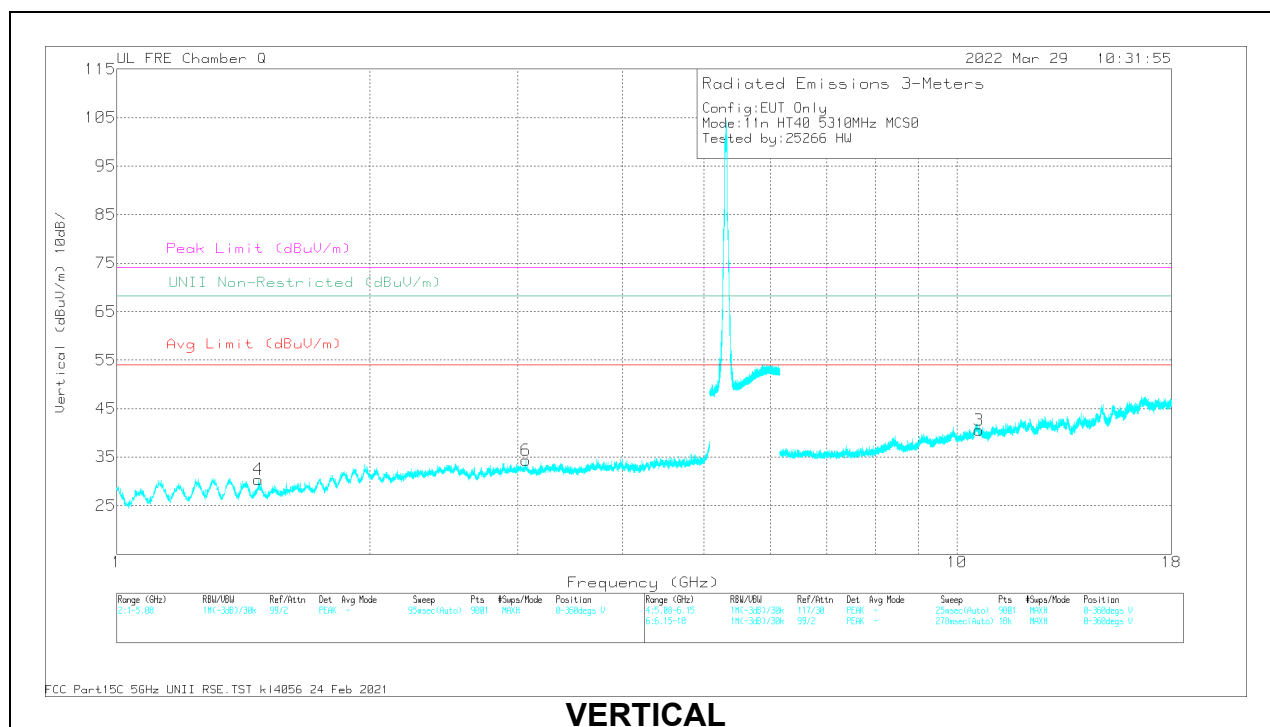
**HARMONICS AND SPURIOUS EMISSIONS****LOW CHANNEL RESULTS**

**RADIATED EMISSIONS**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF 200895 (dBm) | Amp/Cbl/Fitr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|-----------------|-----------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 5      | 2.150249        | 54.93                | PK-U | 31.2            | -44.1                 | 0            | 42.93                      | -                  | -           | -                   | -              | 68.2                         | -26.17         | 20             | 186         | H        |
| 6      | 3.627156        | 51.51                | PK-U | 33.1            | -41.1                 | 0            | 43.51                      | -                  | -           | 74                  | -30.49         | -                            | -              | 349            | 106         | V        |
|        | 3.628523        | 39.66                | ADR  | 33.1            | -41.1                 | 21           | 31.87                      | 54                 | -22.13      | -                   | -              | -                            | -              | 349            | 106         | V        |
| 4      | 7.380465        | 36.69                | ADR  | 35.7            | -37.5                 | 21           | 35.1                       | 54                 | -18.9       | -                   | -              | -                            | -              | 145            | 194         | V        |
|        | 7.381099        | 48.41                | PK-U | 35.7            | -37.4                 | 0            | 46.71                      | -                  | -           | 74                  | -27.29         | -                            | -              | 145            | 194         | V        |
| 3      | 8.401462        | 48.97                | PK-U | 35.9            | -35.9                 | 0            | 48.97                      | -                  | -           | 74                  | -25.03         | -                            | -              | 144            | 237         | H        |
|        | 8.401748        | 37.13                | ADR  | 35.9            | -36                   | 21           | 37.24                      | 54                 | -16.76      | -                   | -              | -                            | -              | 144            | 237         | H        |
| 2      | 15.801019       | 37.05                | ADR  | 40.3            | -33.7                 | 21           | 43.86                      | 54                 | -10.14      | -                   | -              | -                            | -              | 239            | 204         | V        |
|        | 15.801186       | 48.29                | PK-U | 40.3            | -33.7                 | 0            | 54.89                      | -                  | -           | 74                  | -19.11         | -                            | -              | 239            | 204         | V        |
| 1      | 15.803958       | 36.98                | ADR  | 40.4            | -33.7                 | 21           | 43.89                      | 54                 | -10.11      | -                   | -              | -                            | -              | 259            | 111         | H        |
|        | 15.804102       | 48.41                | PK-U | 40.4            | -33.7                 | 0            | 55.11                      | -                  | -           | 74                  | -18.89         | -                            | -              | 259            | 111         | H        |

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**HIGH CHANNEL RESULTS****HORIZONTAL****VERTICAL**

**RADIATED EMISSIONS**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF 200895 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | UNII Non-Restricted (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|------------------------------|----------------|----------------|-------------|----------|
| 4      | 1.475183        | 44.65                | ADR  | 27.8             | -44.8                  | 21           | 27.86                      | 54                 | -26.14      | -                   | -              | -                            | -              | 124            | 243         | V        |
|        | 1.475939        | 56                   | PK-U | 27.8             | -44.8                  | 0            | 39                         | -                  | -           | 74                  | -35            | -                            | -              | 124            | 243         | V        |
| 5      | 2.473246        | 55.03                | PK-U | 32.5             | -43.8                  | 0            | 43.73                      | -                  | -           | -                   | -              | 68.2                         | -24.47         | 170            | 205         | H        |
| 6      | 3.071769        | 52.81                | PK-U | 33               | -42.4                  | 0            | 43.41                      | -                  | -           | -                   | -              | 68.2                         | -24.79         | 326            | 197         | V        |
| 2      | 10.622391       | 46.69                | PK-U | 37.7             | -34.4                  | 0            | 49.99                      | -                  | -           | 74                  | -24.01         | -                            | -              | 182            | 170         | H        |
|        | 10.623618       | 35.14                | ADR  | 37.7             | -34.4                  | 21           | 38.65                      | 54                 | -15.35      | -                   | -              | -                            | -              | 182            | 170         | H        |
| 3      | 10.627408       | 35.3                 | ADR  | 37.7             | -34.5                  | 21           | 38.71                      | 54                 | -15.29      | -                   | -              | -                            | -              | 41             | 136         | V        |
|        | 10.627644       | 47                   | PK-U | 37.7             | -34.5                  | 0            | 50.2                       | -                  | -           | 74                  | -23.8          | -                            | -              | 41             | 136         | V        |
| 1      | 11.927541       | 47.89                | PK-U | 38.8             | -34.8                  | 0            | 51.89                      | -                  | -           | 74                  | -22.11         | -                            | -              | 126            | 118         | H        |
|        | 11.928959       | 36.02                | ADR  | 38.8             | -34.8                  | 21           | 40.23                      | 54                 | -13.77      | -                   | -              | -                            | -              | 126            | 118         | H        |

PK-U - U-NII: Maximum Peak

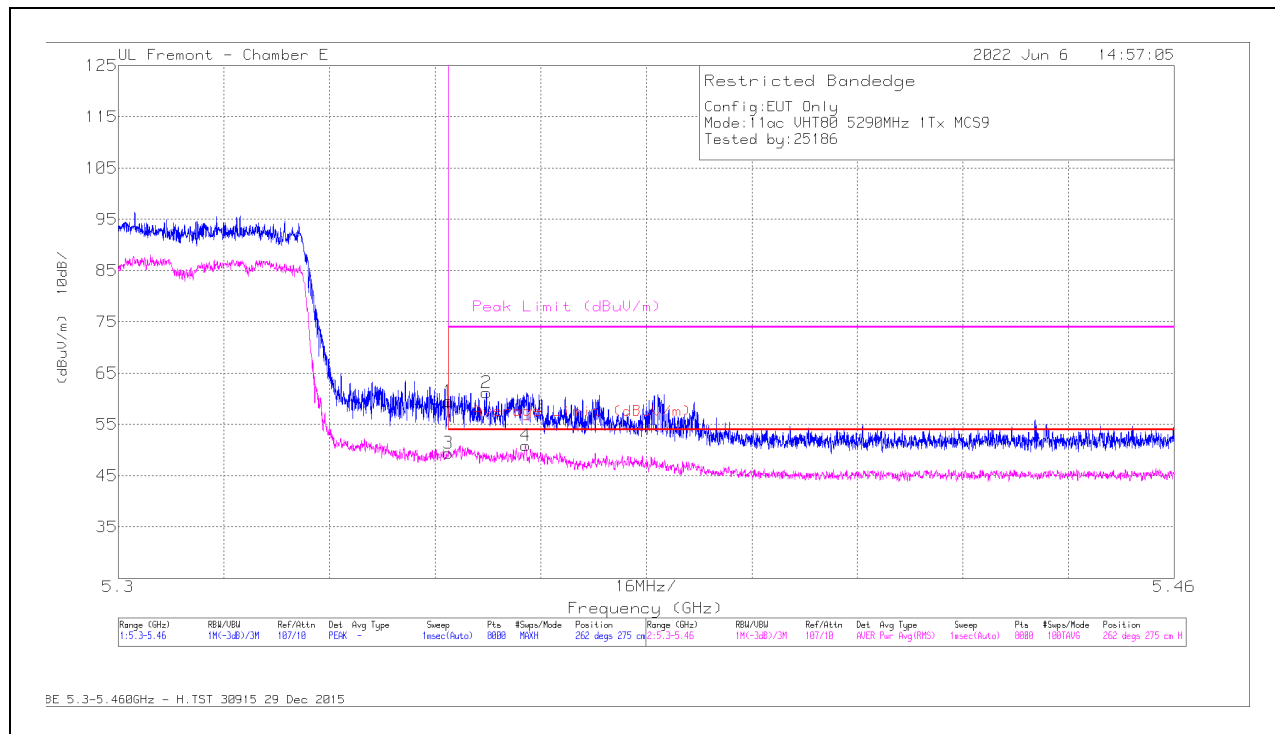
ADR - U-NII AD primary method, RMS average

## 1.1.9. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

### 1TX Antenna 6

### BANDEDGE (MID CHANNEL)

### HORIZONTAL RESULT

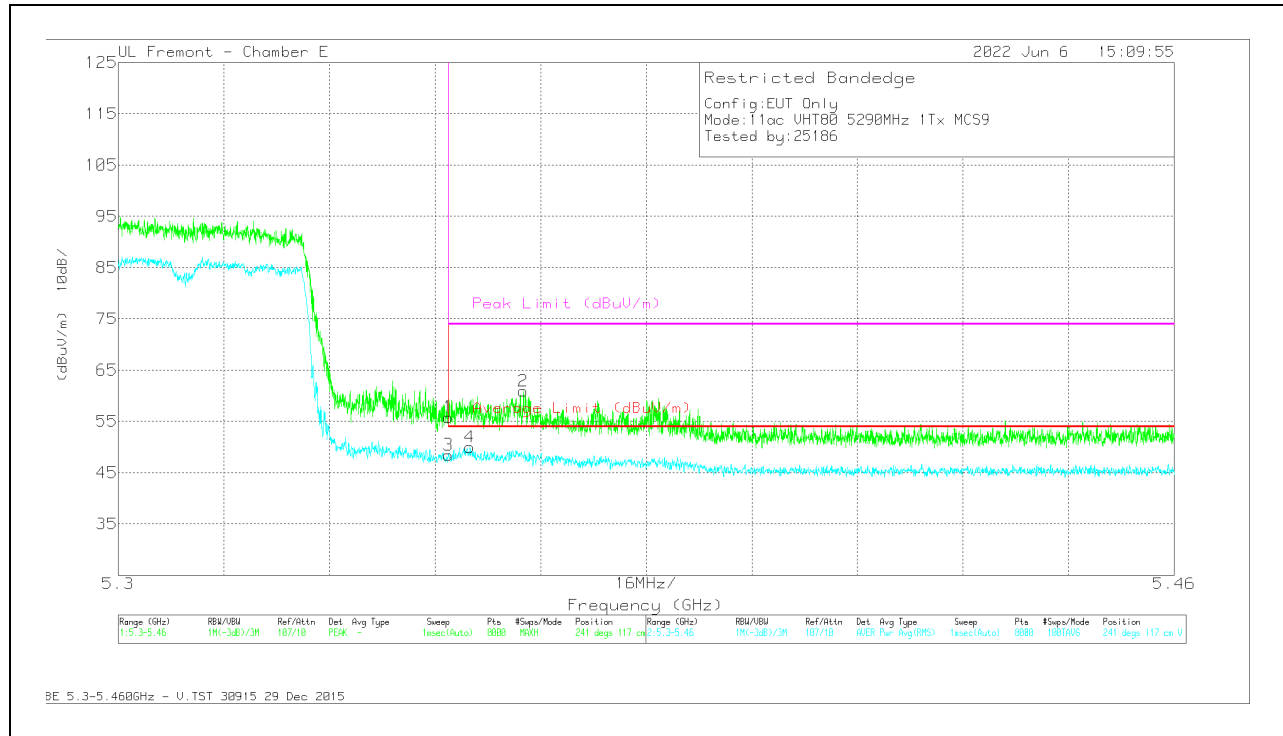


| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35          | 45.92                | Pk  | 34.5              | -20.9            | 0            | 59.52                      | -                      | -           | 74                  | -14.48         | 262            | 275         | H        |
| 2      | * 5.355788      | 47.62                | Pk  | 34.5              | -20.9            | 0            | 61.22                      | -                      | -           | 74                  | -12.78         | 262            | 275         | H        |
| 3      | * 5.35          | 34.74                | RMS | 34.5              | -20.9            | 1.28         | 49.62                      | 54                     | -4.38       | -                   | -              | 262            | 275         | H        |
| 4      | * 5.361749      | 36.23                | RMS | 34.5              | -20.9            | 1.28         | 51.11                      | 54                     | -2.89       | -                   | -              | 262            | 275         | H        |

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

Pk - Peak detector

RMS - RMS detection

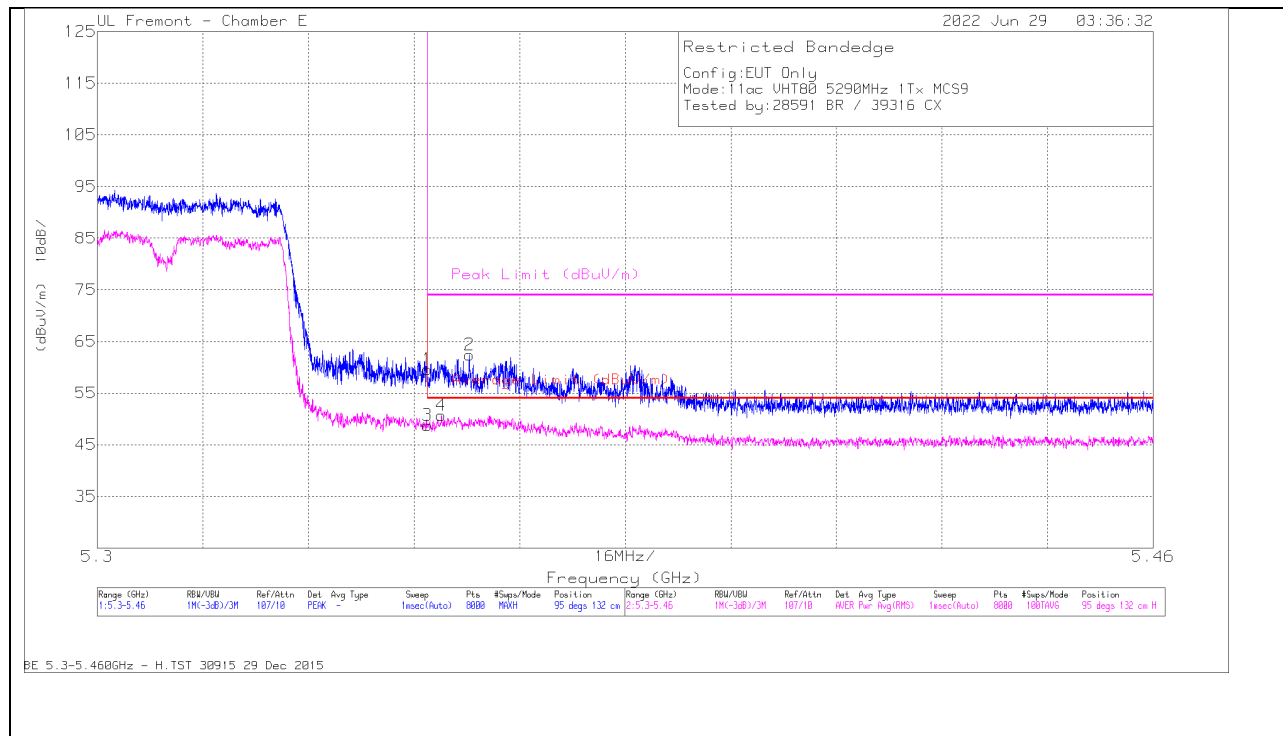
**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35          | 42.2                 | Pk  | 34.5              | -20.9            | 0            | 55.8                       | -                      | -           | 74                  | -18.2          | 241            | 117         | V        |
| 2      | * 5.361369      | 47.3                 | Pk  | 34.5              | -20.9            | 0            | 60.9                       | -                      | -           | 74                  | -13.1          | 241            | 117         | V        |
| 3      | * 5.35          | 33.75                | RMS | 34.5              | -20.9            | 1.28         | 48.63                      | 54                     | -5.37       | -                   | -              | 241            | 117         | V        |
| 4      | * 5.353288      | 35.29                | RMS | 34.5              | -20.9            | 1.28         | 50.17                      | 54                     | -3.83       | -                   | -              | 241            | 117         | V        |

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

Pk - Peak detector

RMS - RMS detection

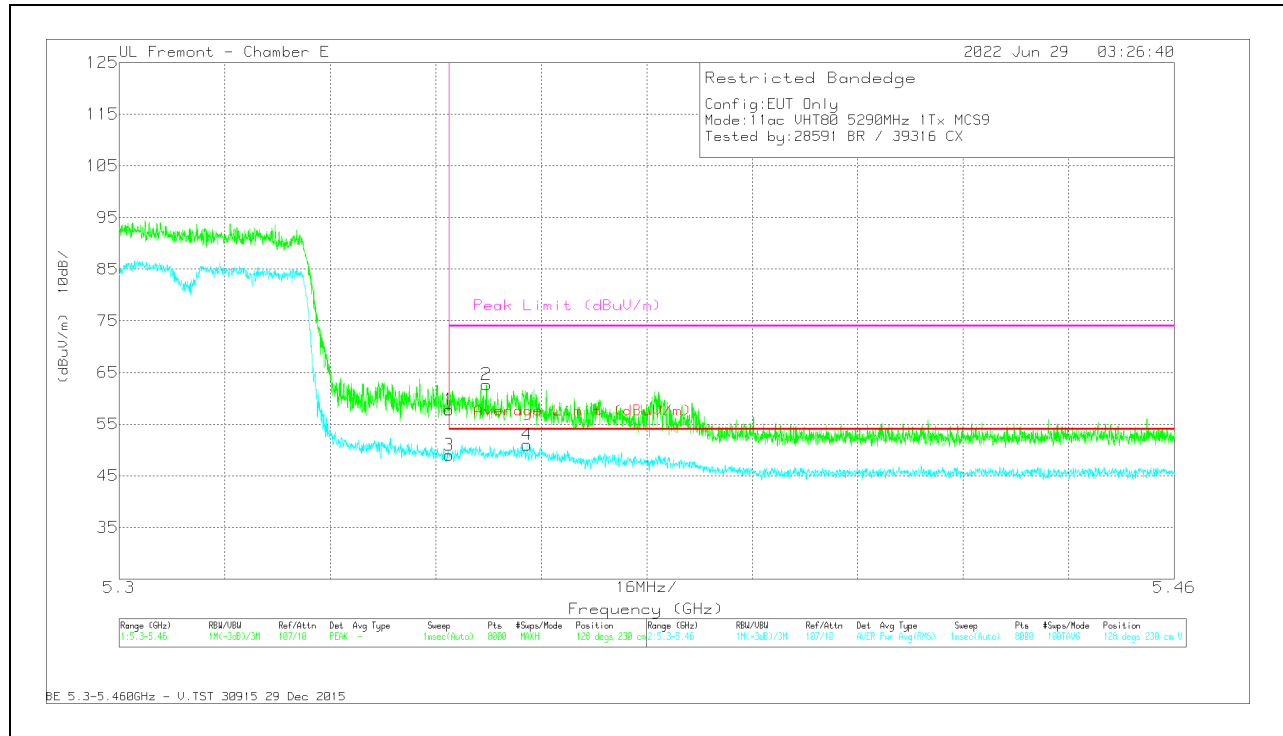
**1TX Antenna 5****BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35          | 45.99                | PK  | 34.5              | -20.9            | 0            | 59.59                      | -                      | -           | 74                  | -14.41         | 95             | 132         | H        |
| 2      | * 5.356388      | 48.81                | PK  | 34.5              | -20.9            | 0            | 62.41                      | -                      | -           | 74                  | -11.59         | 95             | 132         | H        |
| 3      | * 5.35          | 34.09                | RMS | 34.5              | -20.9            | 1.28         | 48.97                      | 54                     | -5.03       | -                   | -              | 95             | 132         | H        |
| 4      | * 5.352128      | 35.98                | RMS | 34.5              | -20.9            | 1.28         | 50.86                      | 54                     | -3.14       | -                   | -              | 95             | 132         | H        |

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

PK - Peak detector

RMS - RMS detection

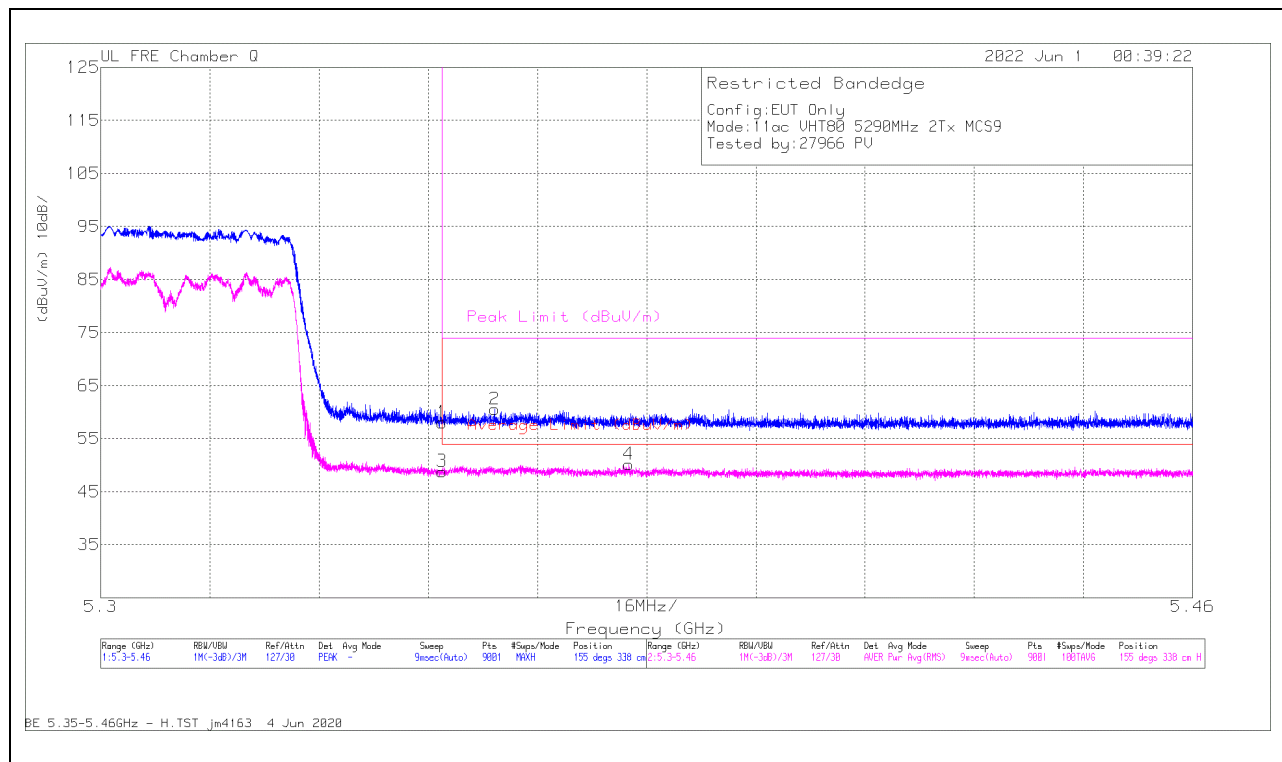
**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dBm) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35          | 44.19                | Pk  | 34.5             | -20.9            | 0            | 57.79                      | -                      | -           | 74                  | -16.21         | 128            | 230         | V        |
| 2      | * 5.35688       | 49.07                | Pk  | 34.5             | -20.9            | 0            | 62.67                      | -                      | -           | 74                  | -11.33         | 128            | 230         | V        |
| 3      | * 5.35          | 34.31                | RMS | 34.5             | -20.9            | 1.28         | 49.19                      | 54                     | -4.81       | -                   | -              | 128            | 230         | V        |
| 4      | * 5.361829      | 36.33                | RMS | 34.5             | -20.9            | 1.28         | 51.21                      | 54                     | -2.79       | -                   | -              | 128            | 230         | V        |

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

Pk - Peak detector

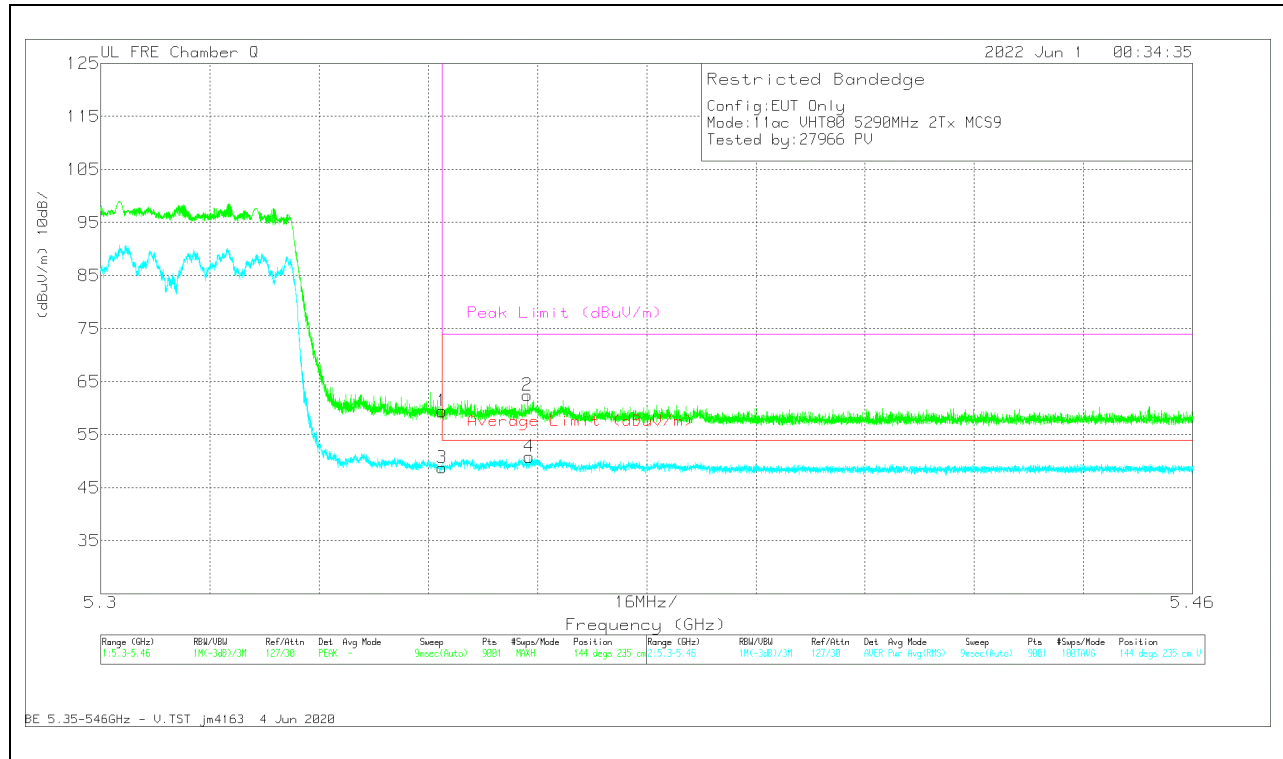
RMS - RMS detection

**2TX Antenna 6 + Antenna 5 CDD MODE****BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 200895 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|------------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.35            | 54.36                | Pk  | 34.5             | -30.8                  | 0            | 58.06                      | -                      | -           | 74                  | -15.94         | 155            | 338         | H        |
| 2      | 5.357743        | 56.84                | Pk  | 34.5             | -30.8                  | 0            | 60.54                      | -                      | -           | 74                  | -13.46         | 155            | 338         | H        |
| 3      | 5.35            | 43.83                | RMS | 34.5             | -30.8                  | 1.28         | 48.81                      | 54                     | -5.19       | -                   | -              | 155            | 338         | H        |
| 4      | 5.377352        | 45.05                | RMS | 34.5             | -30.7                  | 1.28         | 50.13                      | 54                     | -3.87       | -                   | -              | 155            | 338         | H        |

Pk - Peak detector

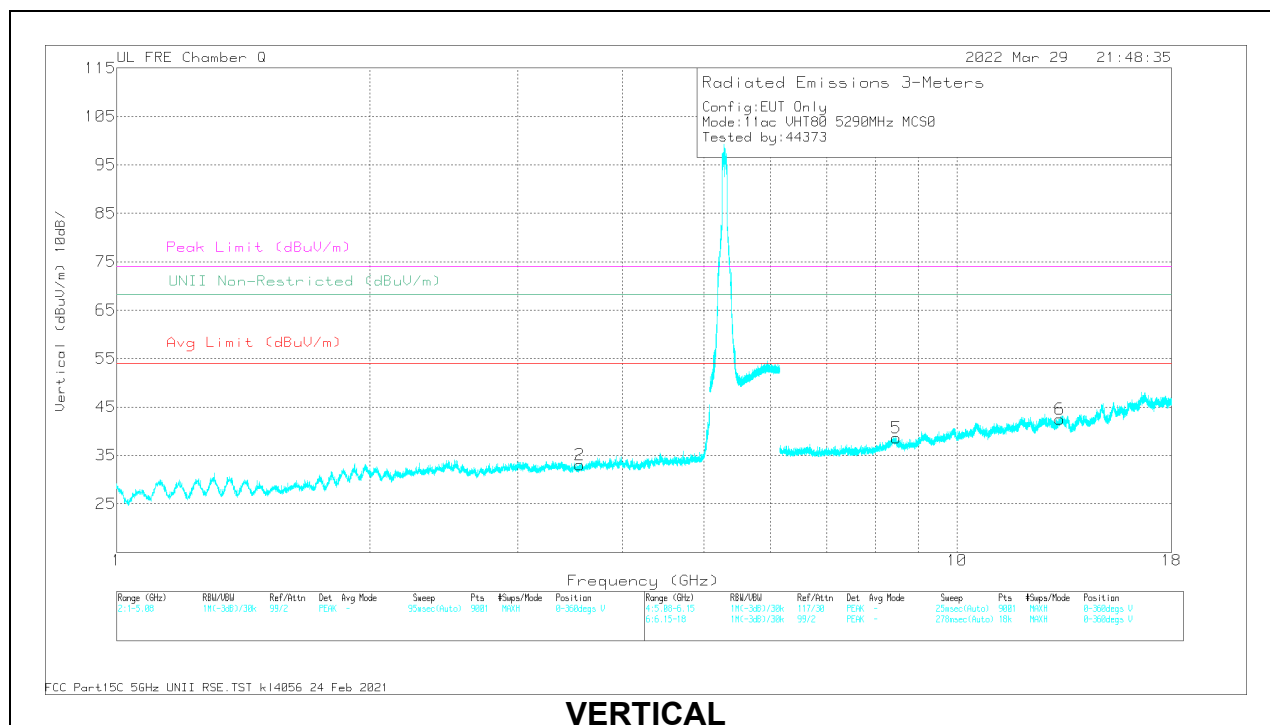
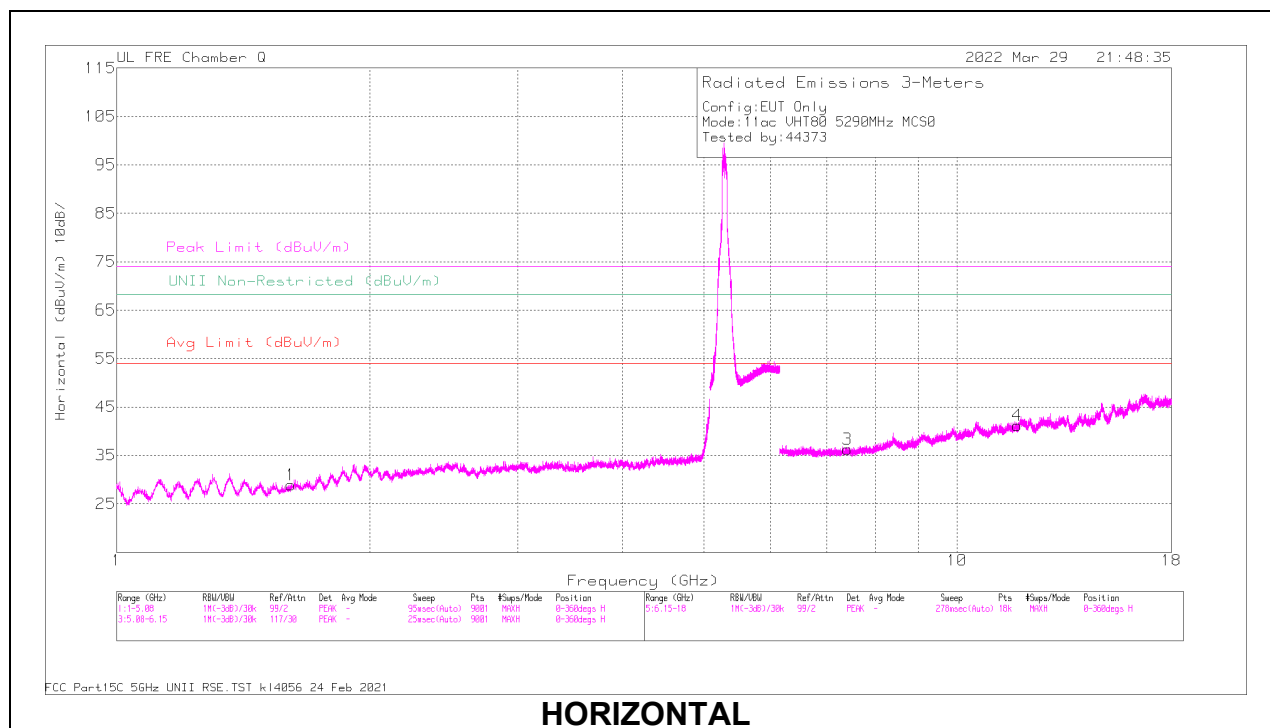
RMS - RMS detection

**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | AF 200895 (dB/m) | Amp/Cbl/Filt/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|------------------|-----------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 5.35            | 55.7                 | Pk  | 34.5             | -30.8                 | 0            | 59.4                       | -                      | -           | 74                  | -14.6          | 144            | 235         | V        |
| 2      | 5.36249         | 58.72                | Pk  | 34.5             | -30.8                 | 0            | 62.42                      | -                      | -           | 74                  | -11.58         | 144            | 235         | V        |
| 3      | 5.35            | 43.79                | RMS | 34.5             | -30.8                 | 1.28         | 48.77                      | 54                     | -5.21       | -                   | -              | 144            | 235         | V        |
| 4      | 5.36281         | 45.84                | RMS | 34.5             | -30.8                 | 1.28         | 50.82                      | 54                     | -3.16       | -                   | -              | 144            | 235         | V        |

Pk - Peak detector

RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS****MID CHANNEL RESULTS**

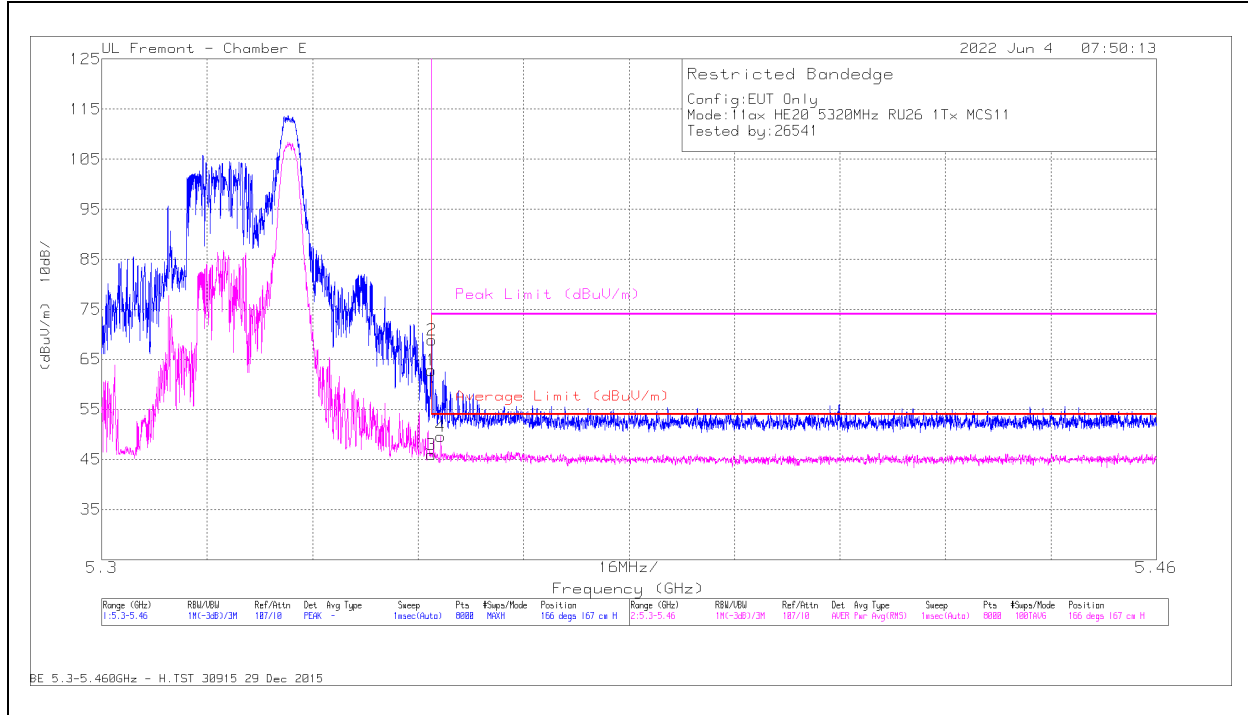
**RADIATED EMISSIONS**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | AF 200895 (dB/m) | Amp/Cbl/Filtr/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|------------------|------------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 1.612813      | 55.03                | PK-U | 28.2             | -44.6                  | 0            | 38.63                      | -                  | -           | 74                  | -35.37         | 79             | 217         | H        |
|        | * 1.61214       | 43.93                | ADR  | 28.2             | -44.5                  | .35          | 27.98                      | 54                 | -26.02      | -                   | -              | 79             | 217         | H        |
| 2      | * 3.555718      | 50.99                | PK-U | 33.1             | -41                    | 0            | 43.09                      | -                  | -           | 74                  | -30.91         | 120            | 181         | V        |
|        | * 3.555019      | 39.29                | ADR  | 33.1             | -41                    | .35          | 31.74                      | 54                 | -22.26      | -                   | -              | 120            | 181         | V        |
| 3      | * 7.402056      | 48.62                | PK-U | 35.7             | -37.4                  | 0            | 46.92                      | -                  | -           | 74                  | -27.08         | 215            | 170         | H        |
|        | * 7.39962       | 36.56                | ADR  | 35.7             | -37.4                  | .35          | 35.21                      | 54                 | -18.79      | -                   | -              | 215            | 170         | H        |
| 4      | * 11.794632     | 48.04                | PK-U | 38.6             | -34.7                  | 0            | 51.94                      | -                  | -           | 74                  | -22.06         | 102            | 183         | H        |
|        | * 11.795841     | 36.62                | ADR  | 38.6             | -34.7                  | .35          | 40.87                      | 54                 | -13.13      | -                   | -              | 102            | 183         | H        |
| 5      | * 8.466909      | 47.98                | PK-U | 35.9             | -35.8                  | 0            | 48.08                      | -                  | -           | 74                  | -25.92         | 228            | 230         | V        |
|        | * 8.469765      | 36.48                | ADR  | 35.9             | -35.8                  | .35          | 36.93                      | 54                 | -17.07      | -                   | -              | 228            | 230         | V        |
| 6      | * 13.264448     | 47.16                | PK-U | 39.1             | -33.6                  | 0            | 52.66                      | -                  | -           | 74                  | -21.34         | 277            | 189         | V        |
|        | * 13.26437      | 35.19                | ADR  | 39.1             | -33.6                  | .35          | 41.04                      | 54                 | -12.96      | -                   | -              | 277            | 189         | 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

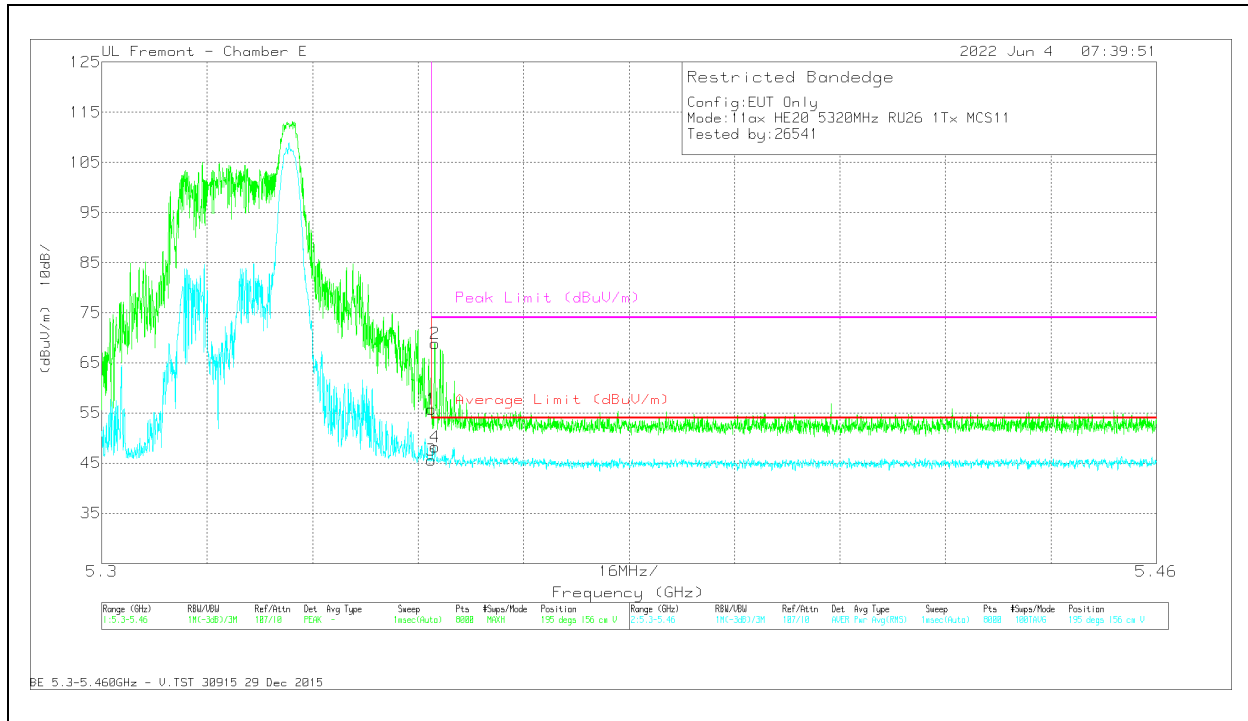
**1.1.10. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.3GHz BAND****1TX Antenna 6 MODE: 26-Tones, RU Index 8****BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35          | 49.2                 | Pk  | 34.5              | -20.9            | 0            | 62.8                       | -                      | -           | 74                  | -11.2          | 166            | 167         | H        |
| 2      | * 5.350048      | 55.22                | Pk  | 34.5              | -20.9            | 0            | 68.82                      | -                      | -           | 74                  | -5.18          | 166            | 167         | H        |
| 3      | * 5.35          | 31.94                | RMS | 34.5              | -20.9            | .46          | 46.00                      | 54                     | -8.00       | -                   | -              | 166            | 167         | H        |
| 4      | * 5.351448      | 35.47                | RMS | 34.5              | -20.9            | .46          | 49.53                      | 54                     | -4.47       | -                   | -              | 166            | 167         | H        |

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

Pk - Peak detector

RMS - RMS detection

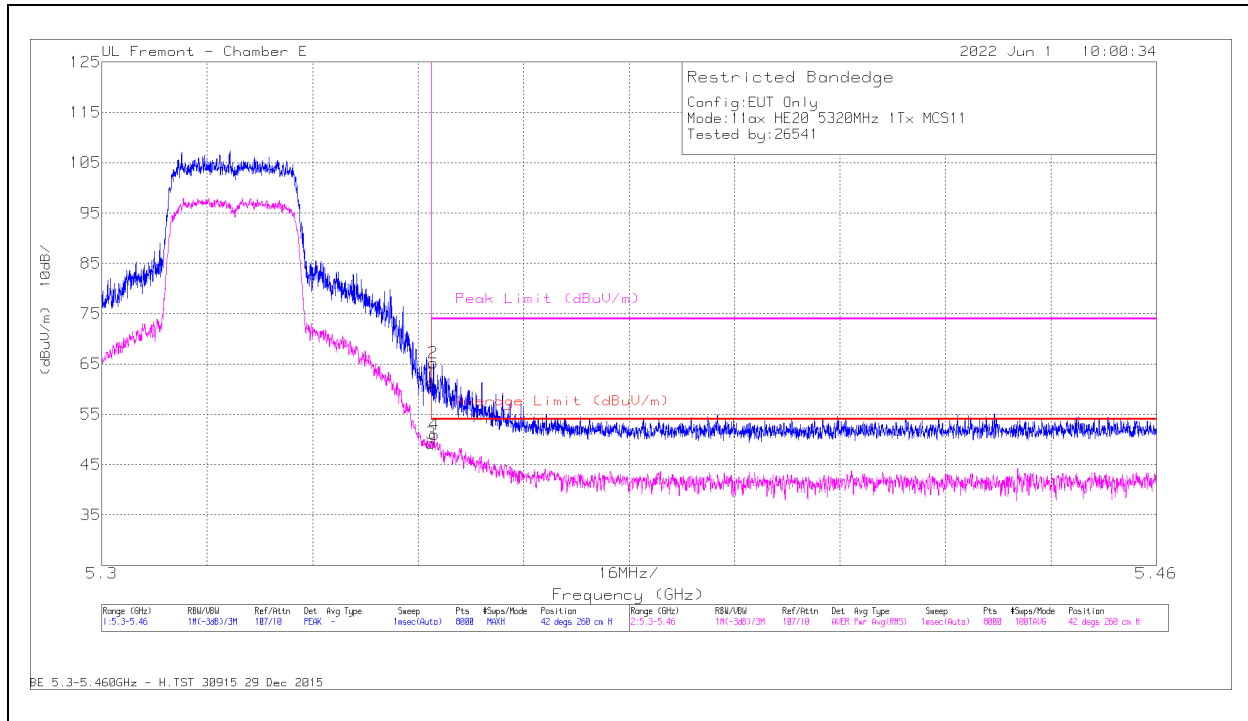
**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35          | 42.07                | Pk  | 34.5              | -20.9            | 0            | 55.67                      | -                      | -           | 74                  | -18.33         | 195            | 156         | V        |
| 2      | * 5.350528      | 55.27                | Pk  | 34.5              | -20.9            | 0            | 68.87                      | -                      | -           | 74                  | -5.13          | 195            | 156         | V        |
| 3      | * 5.35          | 31.48                | RMS | 34.5              | -20.9            | .46          | 45.54                      | 54                     | -8.46       | -                   | -              | 195            | 156         | V        |
| 4      | * 5.350568      | 34.14                | RMS | 34.5              | -20.9            | .46          | 48.20                      | 54                     | -5.80       | -                   | -              | 195            | 156         | V        |

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

Pk - Peak detector

RMS - RMS detection

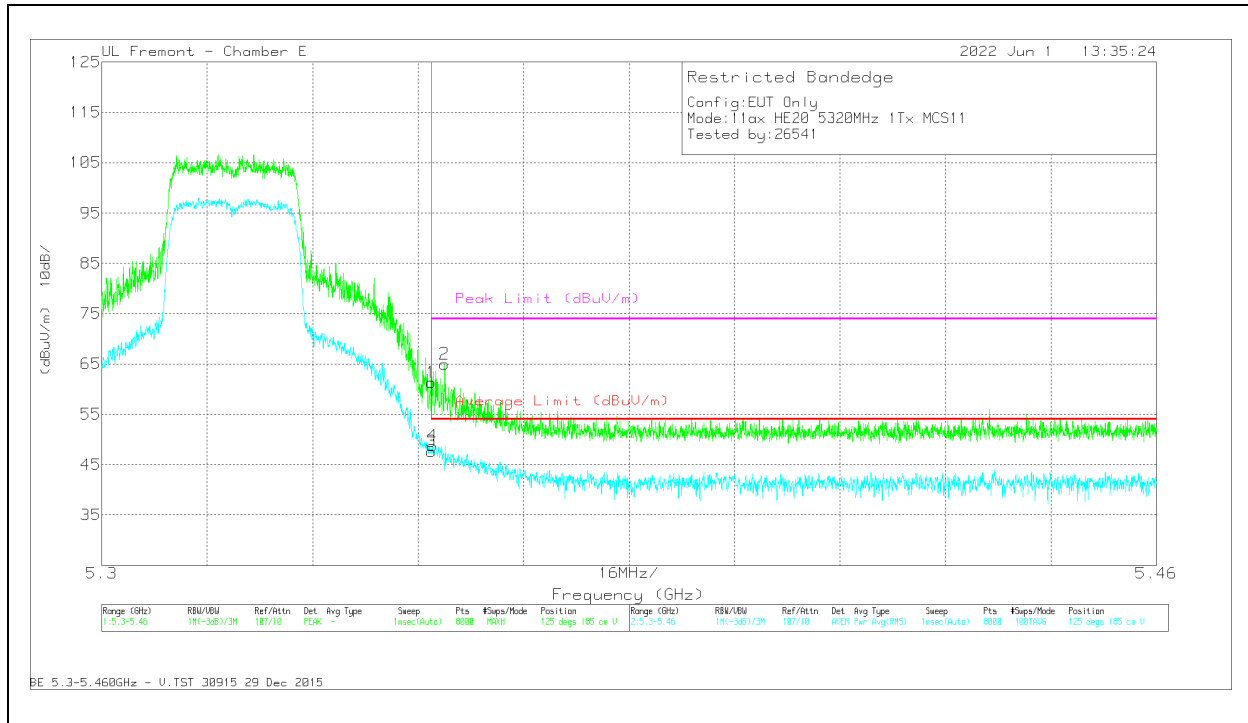
**1TX Antenna 6 MODE: SU, Single User****BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35          | 47.7                 | Pk  | 34.5              | -20.9            | 0            | 61.3                       | -                      | -           | 74                  | -12.7          | 42             | 260         | H        |
| 2      | * 5.350328      | 51.6                 | Pk  | 34.5              | -20.9            | 0            | 65.2                       | -                      | -           | 74                  | -8.8           | 42             | 260         | H        |
| 3      | * 5.35          | 35.05                | RMS | 34.5              | -20.9            | .61          | 49.26                      | 54                     | -4.74       | -                   | -              | 42             | 260         | H        |
| 4      | * 5.350448      | 36.76                | RMS | 34.5              | -20.9            | .61          | 50.97                      | 54                     | -3.03       | -                   | -              | 42             | 260         | H        |

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

Pk - Peak detector

RMS - RMS detection

**VERTICAL RESULT**

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 200897 ACF (dB/m) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-------------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 5.35          | 47.76                | Pk  | 34.5              | -20.9            | 0            | 61.36                      | -                      | -           | 74                  | -12.64         | 125            | 185         | V        |
| 2      | * 5.352008      | 51.42                | Pk  | 34.5              | -20.9            | 0            | 65.02                      | -                      | -           | 74                  | -8.98          | 125            | 185         | V        |
| 3      | * 5.35          | 33.46                | RMS | 34.5              | -20.9            | .61          | 47.67                      | 54                     | -6.33       | -                   | -              | 125            | 185         | V        |
| 4      | * 5.350148      | 34.58                | RMS | 34.5              | -20.9            | .61          | 48.79                      | 54                     | -5.21       | -                   | -              | 125            | 185         | V        |

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

Pk - Peak detector

RMS - RMS detection