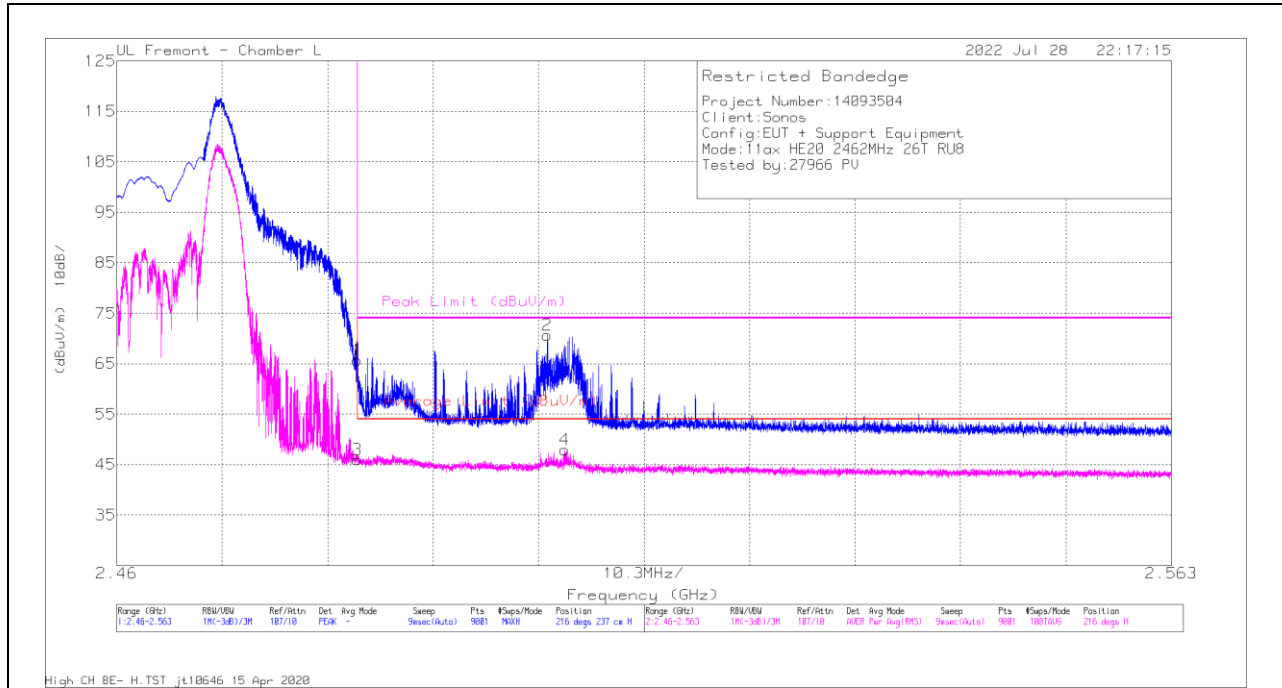


**2TX Antenna 2 + Antenna 3 OFDMA MODE: 26-Tones, RU Index 8**

**BANDEDGE (HIGH CHANNEL 11)**

**HORIZONTAL RESULT**



**Trace Markers**

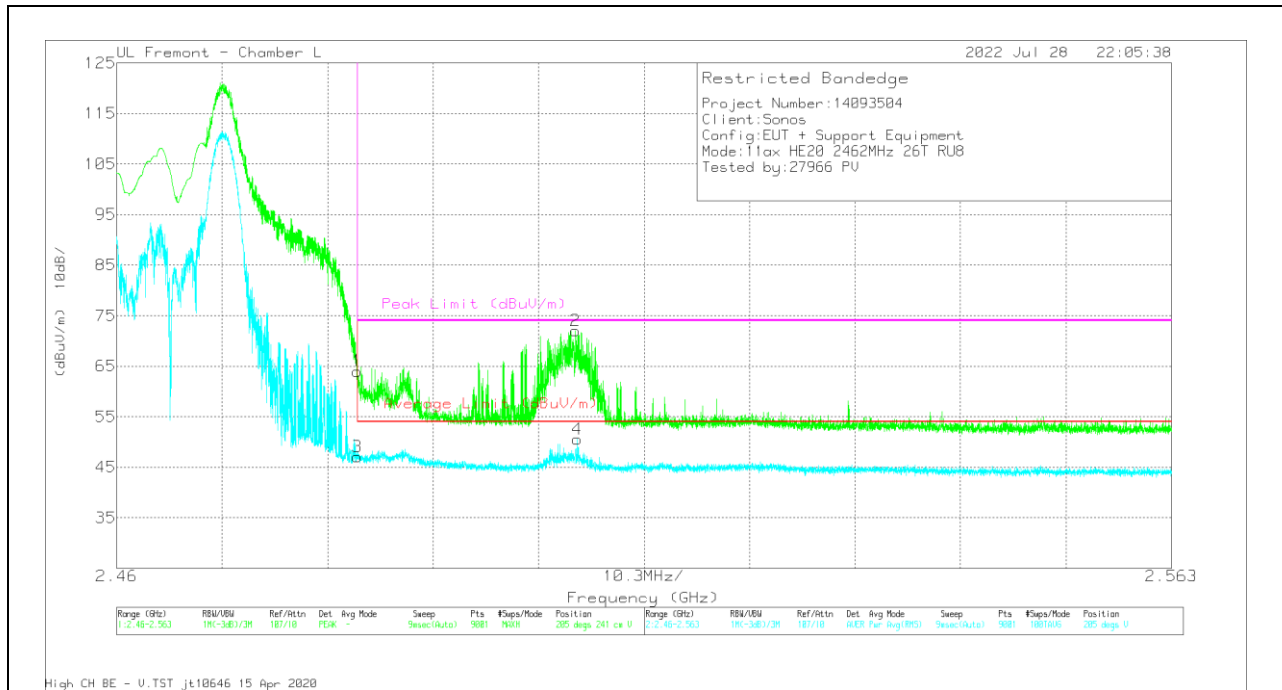
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80707 ACF (dB) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.4835        | 53.35                | Pk  | 32.2           | -19.9            | 0            | 65.65                      | -                      | -           | 74                  | -8.35          | 216            | 237         | H        |
| 2      | 2.502068        | 58.34                | Pk  | 32.2           | -19.9            | 0            | 70.64                      | -                      | -           | 74                  | -3.36          | 216            | 237         | H        |
| 3      | * 2.4835        | 31.26                | RMS | 32.2           | -19.9            | 2.38         | 45.94                      | 54                     | -8.06       | -                   | -              | 216            | 237         | H        |
| 4      | 2.50375         | 33.26                | RMS | 32.2           | -19.9            | 2.38         | 47.94                      | 54                     | -6.06       | -                   | -              | 216            | 237         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80707 ACF (dB) | 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      | * 2.4835        | 51.71                | Pk  | 32.2           | -19.9            | 0            | 64.01                      | -                      | -           | 74                  | -9.99          | 205            | 241         | V        |
| 2      | 2.50478         | 59.69                | Pk  | 32.2           | -19.9            | 0            | 71.99                      | -                      | -           | 74                  | -2.01          | 205            | 241         | V        |
| 3      | * 2.4835        | 32.44                | RMS | 32.2           | -19.9            | 2.38         | 47.12                      | 54                     | -6.88       | -                   | -              | 205            | 241         | V        |
| 4      | 2.504998        | 35.91                | RMS | 32.2           | -19.9            | 2.38         | 50.59                      | 54                     | -3.41       | -                   | -              | 205            | 241         | V        |

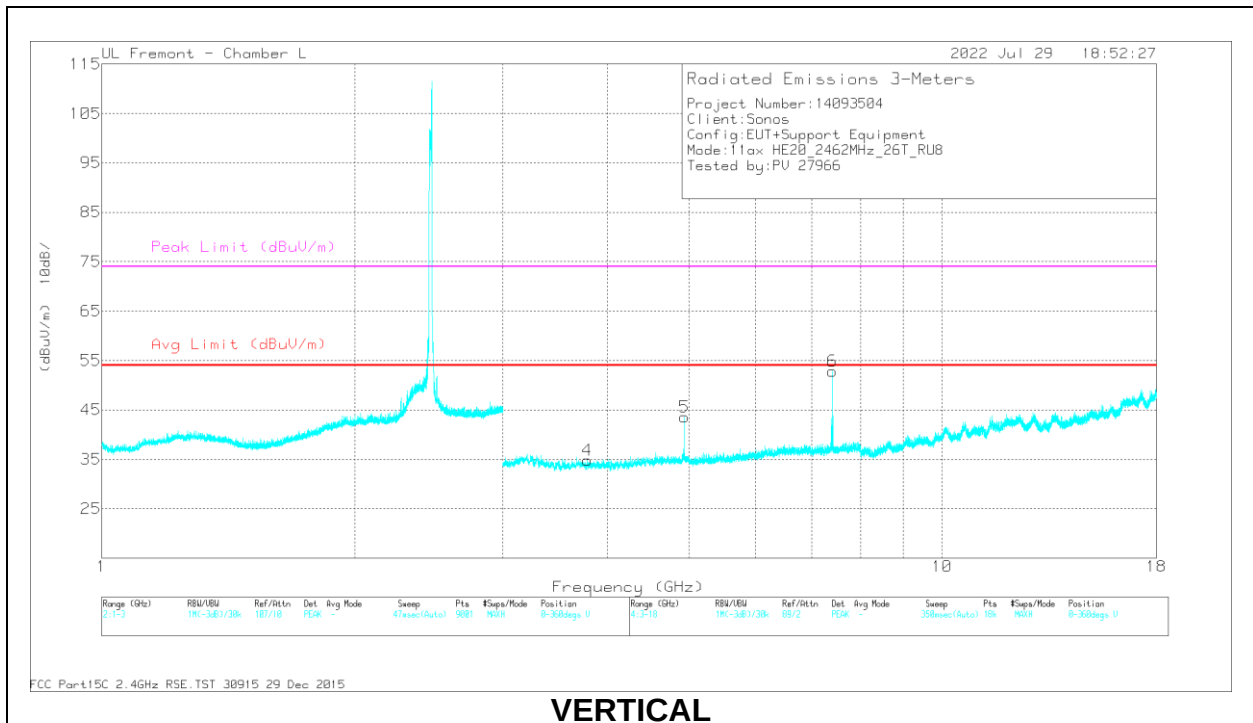
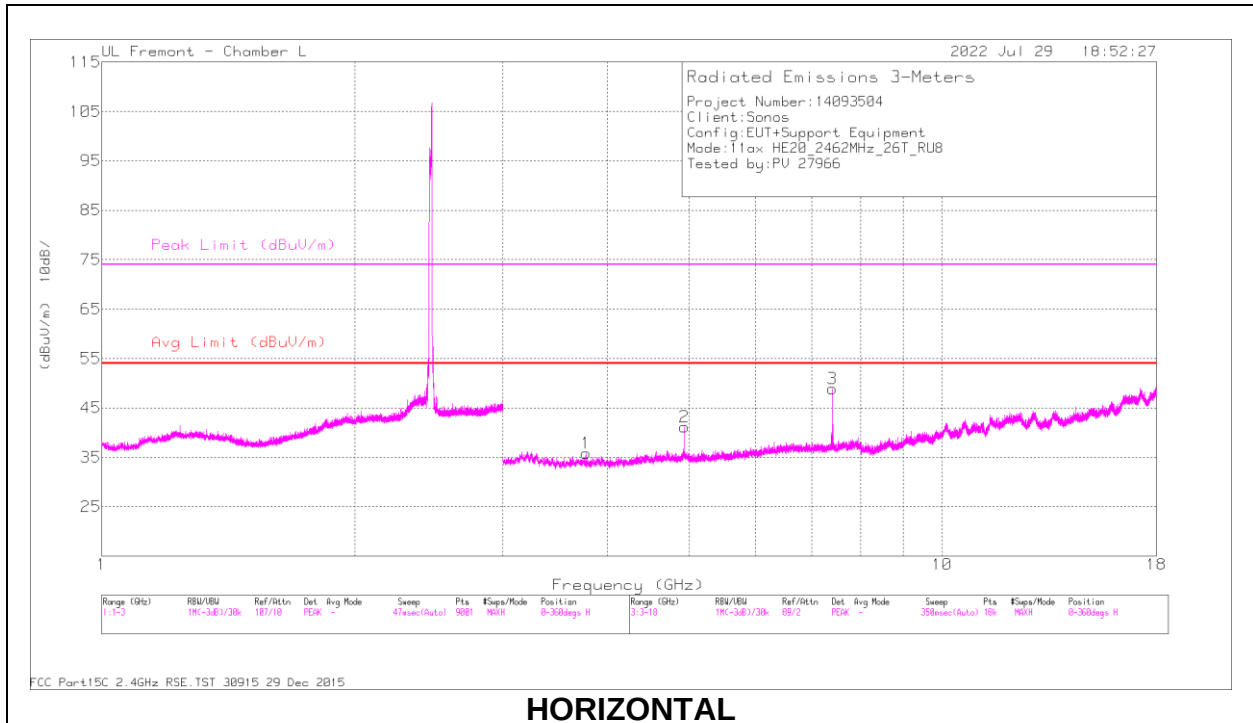
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### HIGH CHANNEL 11 RESULTS



## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 80707 ACF (dB) | Amp/Cbl/Fitr (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      | * 3.766726      | 37.84                | PK2  | 33.3           | -27.9             | 0            | 43.24                      | -                  | -           | 74                  | -30.76         | 91             | 106         | H        |
|        | * 3.768304      | 25.95                | MAv1 | 33.3           | -27.9             | 2.38         | 33.73                      | 54                 | -20.27      | -                   | -              | 91             | 106         | H        |
| 2      | * 4.940602      | 55.99                | PK2  | 34.2           | -25.3             | 0            | 64.89                      | -                  | -           | 74                  | -9.11          | 264            | 101         | H        |
|        | * 4.941025      | 28.53                | MAv1 | 34.2           | -25.3             | 2.38         | 39.81                      | 54                 | -14.19      | -                   | -              | 264            | 101         | H        |
| 3      | * 7.411618      | 55.08                | PK2  | 36             | -22.3             | 0            | 68.78                      | -                  | -           | 74                  | -5.22          | 91             | 103         | H        |
|        | * 7.411442      | 30.16                | MAv1 | 36             | -22.3             | 2.38         | 46.24                      | 54                 | -7.76       | -                   | -              | 91             | 103         | H        |
| 4      | * 3.785142      | 38.75                | PK2  | 33.3           | -28.1             | 0            | 43.95                      | -                  | -           | 74                  | -30.05         | 185            | 102         | V        |
|        | * 3.786233      | 26.69                | MAv1 | 33.3           | -28.1             | 2.38         | 34.27                      | 54                 | -19.73      | -                   | -              | 185            | 102         | V        |
| 5      | * 4.940946      | 55.23                | PK2  | 34.2           | -25.3             | 0            | 64.13                      | -                  | -           | 74                  | -9.87          | 179            | 105         | V        |
|        | * 4.94099       | 28.86                | MAv1 | 34.2           | -25.3             | 2.38         | 40.14                      | 54                 | -13.86      | -                   | -              | 179            | 105         | V        |
| 6      | * 7.411472      | 58.62                | PK2  | 36             | -22.3             | 0            | 72.32                      | -                  | -           | 74                  | -1.68          | 135            | 106         | V        |
|        | * 7.411564      | 34.55                | MAv1 | 36             | -22.3             | 2.38         | 50.63                      | 54                 | -3.37       | -                   | -              | 135            | 106         | V        |

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

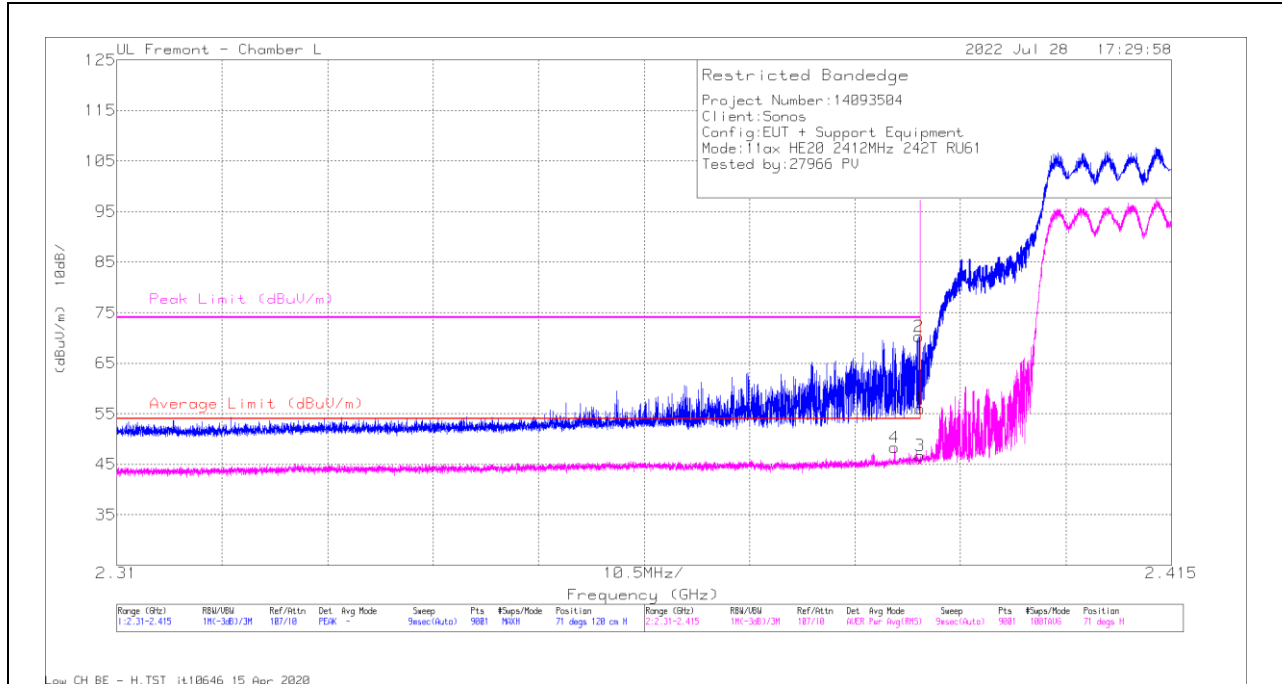
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

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

**BANDEDGE (LOW CHANNEL 1)**

**HORIZONTAL RESULT**



**Trace Markers**

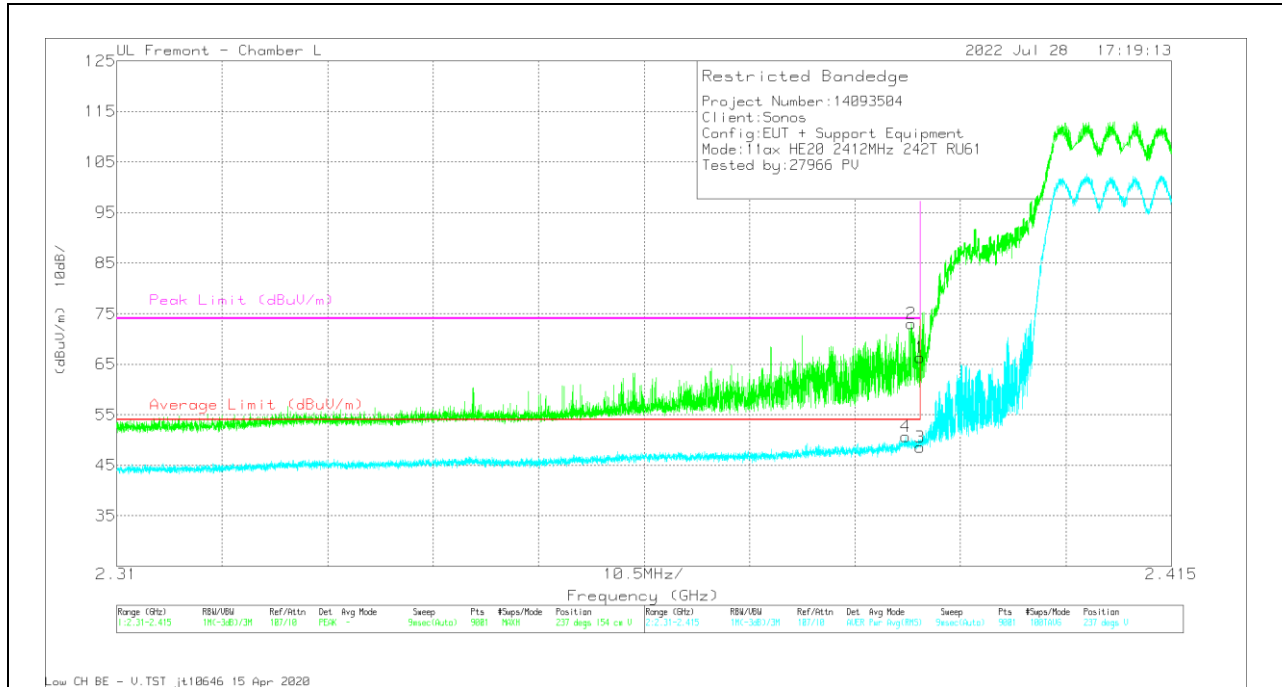
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80707 ACF (dB) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 44.26                | Pk  | 31.9           | -20.1            | 0            | 56.06                      | -                      | -           | 74                  | -17.94         | 71             | 120         | H        |
| 2      | * 2.389849      | 58.51                | Pk  | 31.9           | -20.1            | 0            | 70.31                      | -                      | -           | 74                  | -3.69          | 71             | 120         | H        |
| 3      | * 2.39          | 31.97                | RMS | 31.9           | -20.1            | 2.92         | 46.69                      | 54                     | -7.31       | -                   | -              | 71             | 120         | H        |
| 4      | * 2.387446      | 33.54                | RMS | 31.9           | -20.1            | 2.92         | 48.26                      | 54                     | -5.74       | -                   | -              | 71             | 120         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80707 ACF (dB) | 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      | * 2.39          | 54.56                | Pk  | 31.9           | -20.1            | 0            | 66.36                      | -                      | -           | 74                  | -7.64          | 237            | 154         | V        |
| 2      | * 2.389091      | 61.16                | Pk  | 31.9           | -20.1            | 0            | 72.96                      | -                      | -           | 74                  | -1.04          | 237            | 154         | V        |
| 3      | * 2.39          | 33.78                | RMS | 31.9           | -20.1            | 2.92         | 48.5                       | 54                     | -5.5        | -                   | -              | 237            | 154         | V        |
| 4      | * 2.388554      | 35.9                 | RMS | 31.9           | -20.1            | 2.92         | 50.62                      | 54                     | -3.38       | -                   | -              | 237            | 154         | V        |

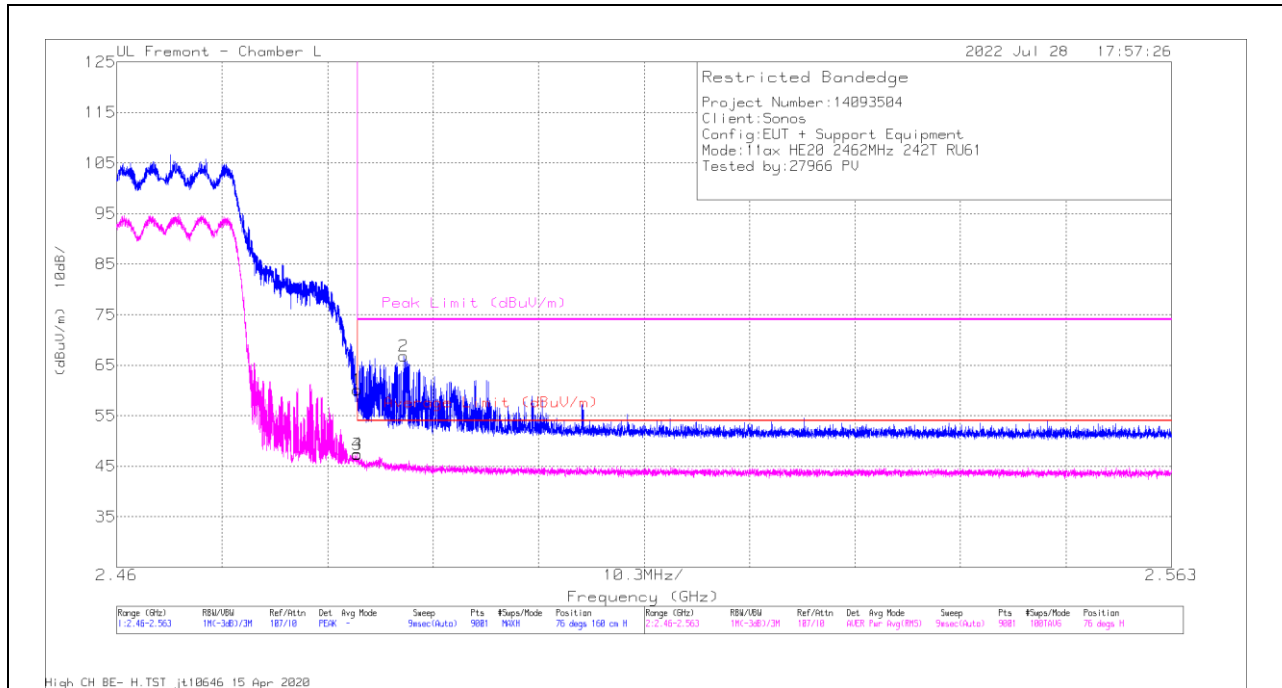
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## BANDEDGE (HIGH CHANNEL 11)

### HORIZONTAL RESULT



### Trace Markers

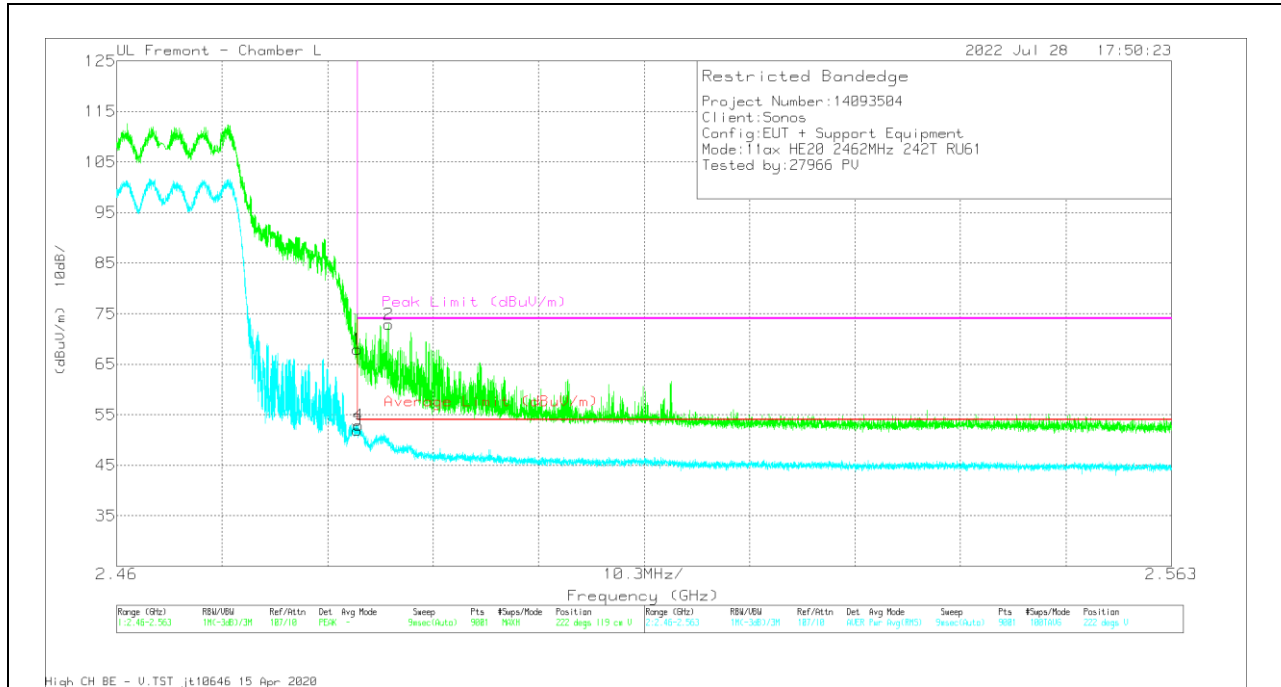
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80707 ACF (dB) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.4835        | 47.85                | Pk  | 32.2           | -19.9            | 0            | 60.15                      | -                      | -           | 74                  | -13.85         | 76             | 160         | H        |
| 2      | * 2.488015      | 54.51                | Pk  | 32.2           | -19.9            | 0            | 66.81                      | -                      | -           | 74                  | -7.19          | 76             | 160         | H        |
| 3      | * 2.4835        | 32.08                | RMS | 32.2           | -19.9            | 2.92         | 47.3                       | 54                     | -6.7        | -                   | -              | 76             | 160         | H        |
| 4      | * 2.483506      | 32.25                | RMS | 32.2           | -19.9            | 2.92         | 47.47                      | 54                     | -6.53       | -                   | -              | 76             | 160         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80707 ACF (dB) | 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      | * 2.4835        | 55.59                | Pk  | 32.2           | -19.9            | 0            | 67.89                      | -                      | -           | 74                  | -6.11          | 222            | 119         | V        |
| 2      | * 2.486562      | 60.61                | Pk  | 32.2           | -19.9            | 0            | 72.91                      | -                      | -           | 74                  | -1.09          | 222            | 119         | V        |
| 3      | * 2.4835        | 36.64                | RMS | 32.2           | -19.9            | 2.92         | 51.86                      | 54                     | -2.14       | -                   | -              | 222            | 119         | V        |
| 4      | * 2.48362       | 37.71                | RMS | 32.2           | -19.9            | 2.92         | 52.93                      | 54                     | -1.07       | -                   | -              | 222            | 119         | V        |

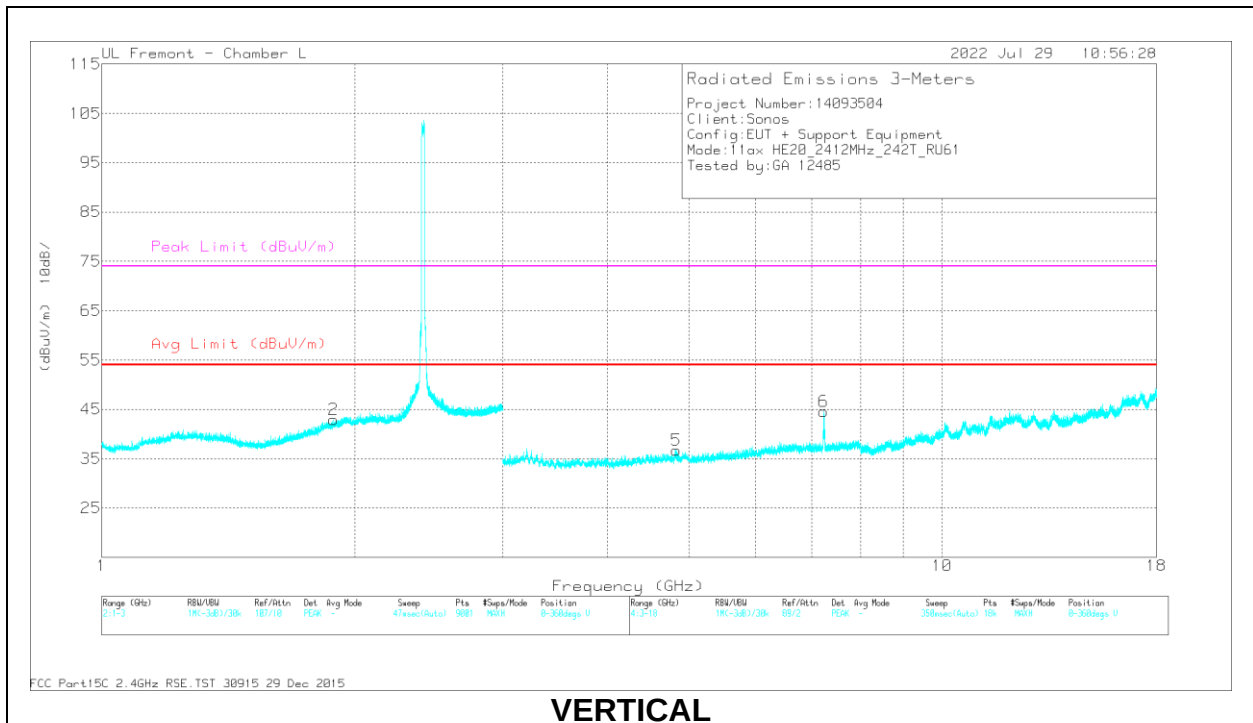
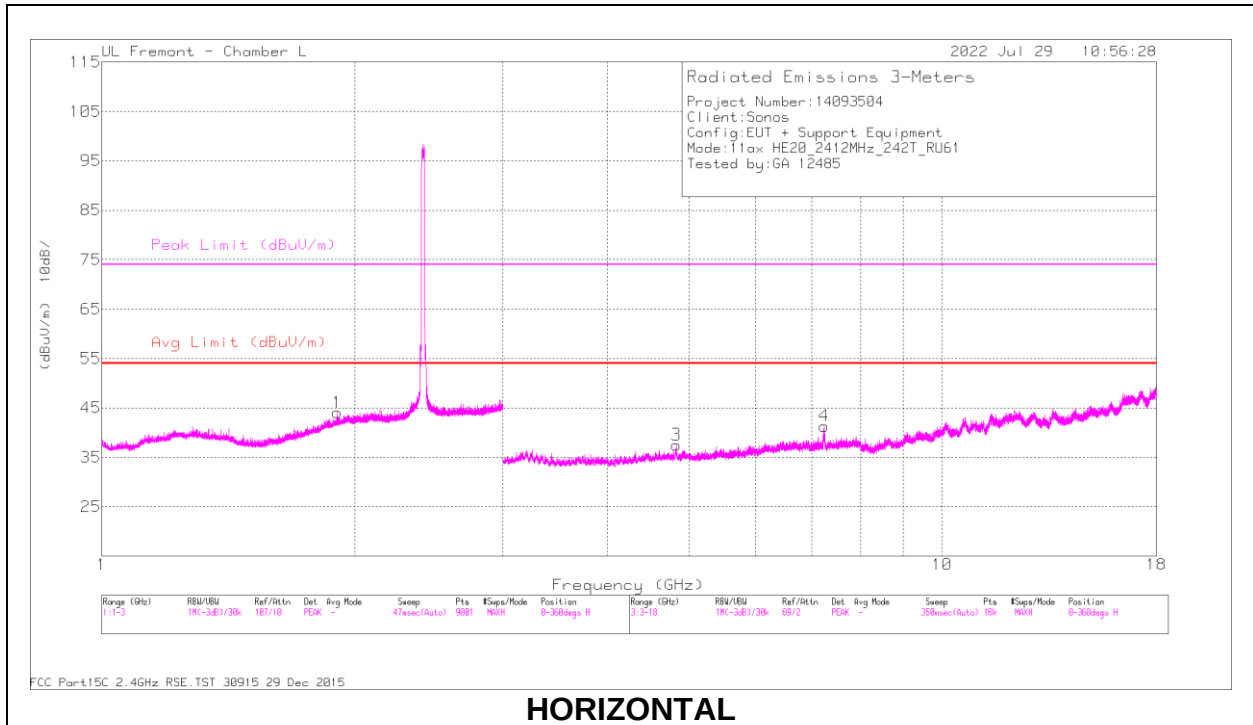
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL 1 RESULTS



## RADIATED EMISSIONS

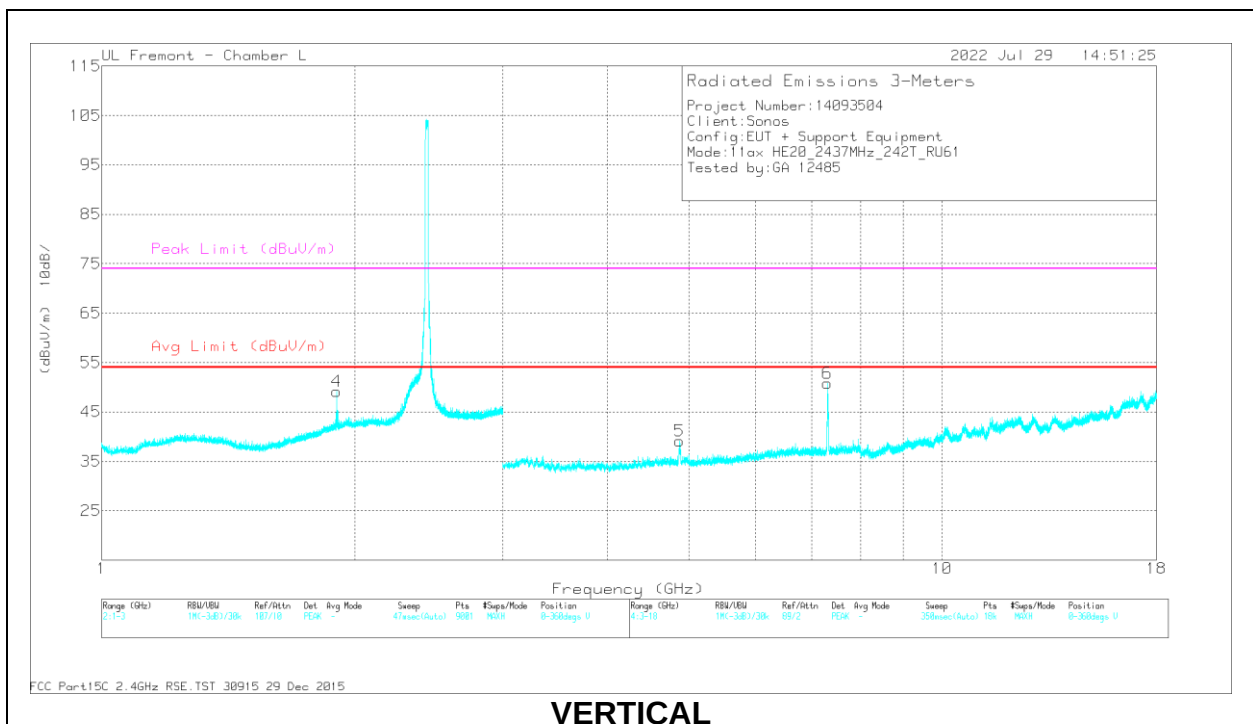
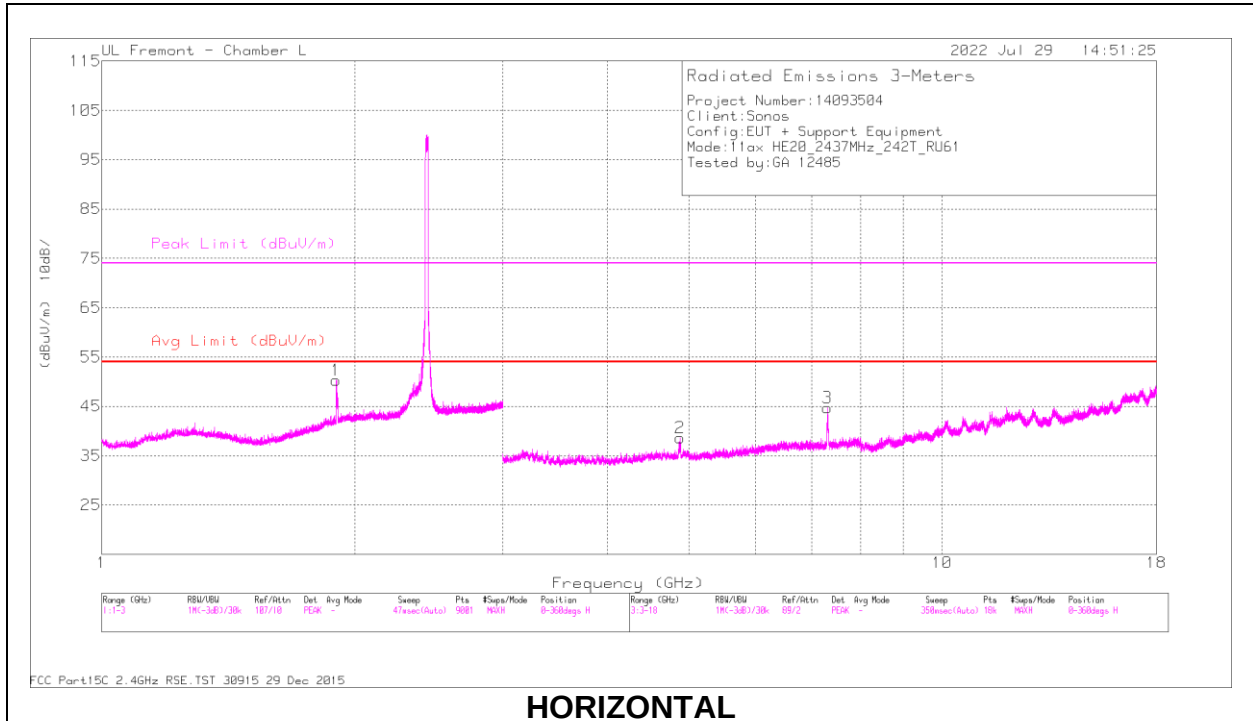
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 80707 ACF (dB) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 1.906677        | 45.81                | PK2  | 31.3           | -21.3            | 0            | 55.81                      | -                  | -           | -                   | -              | 319            | 117         | H        |
| 2      | 1.889267        | 42.83                | PK2  | 31.2           | -21.3            | 0            | 52.73                      | -                  | -           | -                   | -              | 92             | 101         | V        |
| 3      | * 4.827444      | 42.14                | PK2  | 34.1           | -26.5            | 0            | 49.74                      | -                  | -           | 74                  | -24.26         | 147            | 111         | H        |
|        | * 4.824787      | 26.72                | MAv1 | 34.1           | -26.5            | 2.92         | 37.24                      | 54                 | -16.76      | -                   | -              | 147            | 111         | H        |
| 4      | 7.24406         | 44.52                | PK2  | 35.9           | -23.1            | 0            | 57.32                      | -                  | -           | -                   | -              | 209            | 106         | H        |
| 5      | * 4.832461      | 43.13                | PK2  | 34.1           | -26.5            | 0            | 50.73                      | -                  | -           | 74                  | -23.27         | 262            | 105         | V        |
|        | * 4.829915      | 26                   | MAv1 | 34.1           | -26.5            | 2.92         | 36.52                      | 54                 | -17.48      | -                   | -              | 262            | 105         | V        |
| 6      | 7.234158        | 48.31                | PK2  | 35.9           | -23.2            | 0            | 61.01                      | -                  | -           | -                   | -              | 133            | 101         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## MID CHANNEL 6 RESULTS



## RADIATED EMISSIONS

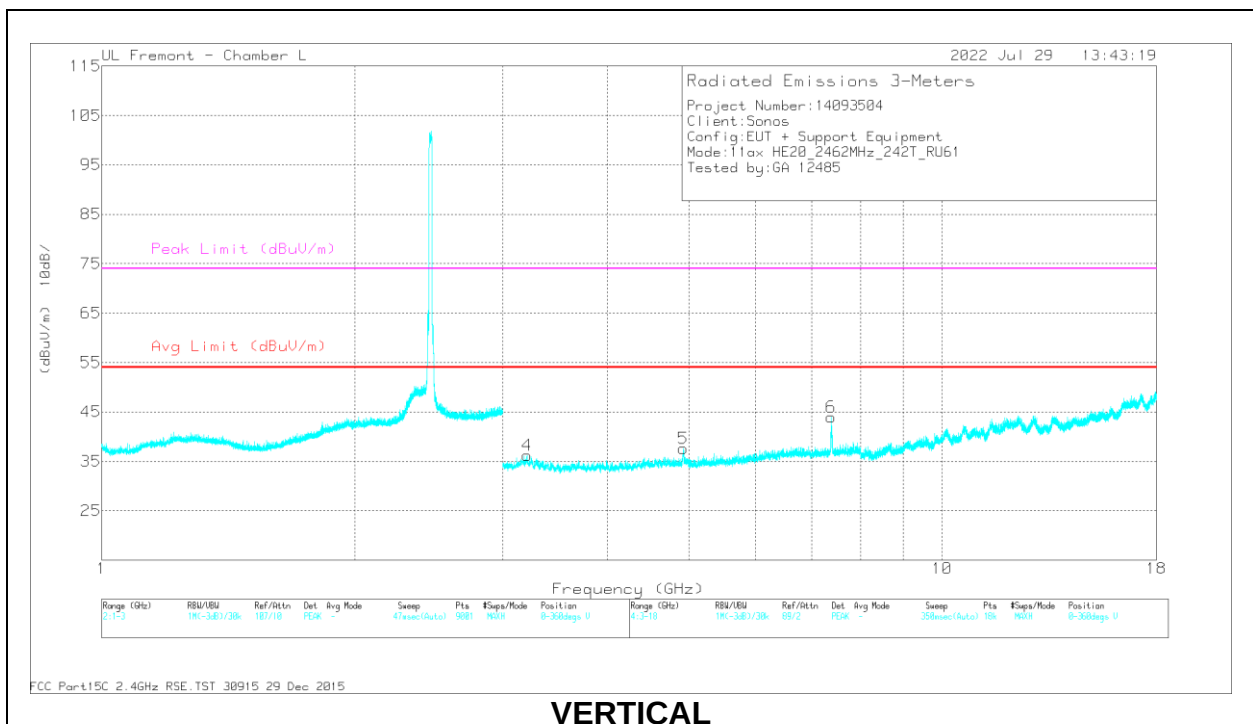
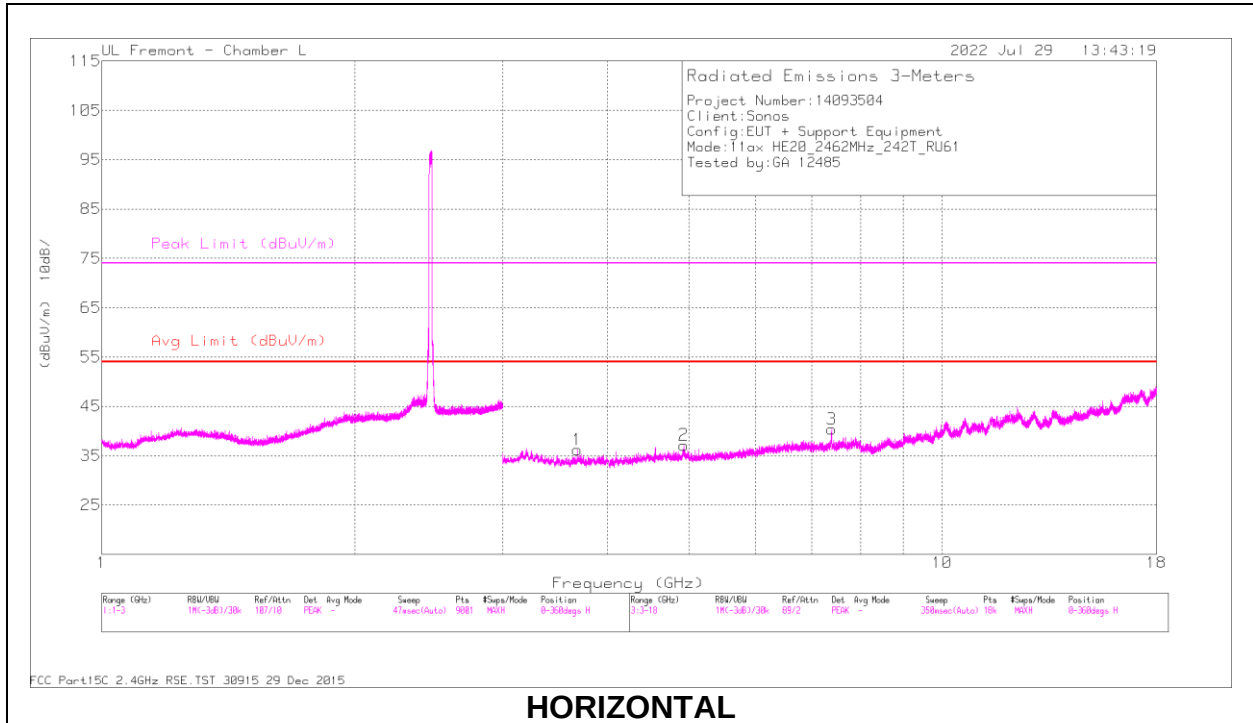
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 80707 ACF (dB) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 1.901835        | 42.24                | PK2  | 31.3           | -21.3            | 0            | 52.24                      | -                  | -           | -                   | -              | 79             | 137         | H        |
| 2      | * 4.879859      | 27.06                | MAv1 | 34.2           | -26.4            | 2.92         | 37.78                      | 54                 | -16.22      | -                   | -              | 297            | 101         | H        |
|        | * 4.879416      | 42.65                | PK2  | 34.2           | -26.4            | 0            | 50.45                      | -                  | -           | 74                  | -23.55         | 297            | 101         | H        |
| 3      | * 7.311047      | 45.63                | PK2  | 35.9           | -22.9            | 0            | 58.63                      | -                  | -           | 74                  | -15.37         | 211            | 108         | H        |
|        | * 7.311295      | 27.07                | MAv1 | 35.9           | -22.9            | 2.92         | 42.99                      | 54                 | -11.0       | -                   | -              | 211            | 108         | H        |
| 4      | 1.904185        | 41.92                | PK2  | 31.3           | -21.3            | 0            | 51.92                      | -                  | -           | -                   | -              | 228            | 299         | V        |
| 5      | * 4.873426      | 42.89                | PK2  | 34.2           | -26.5            | 0            | 50.59                      | -                  | -           | 74                  | -23.41         | 355            | 110         | V        |
|        | * 4.87341       | 26.97                | MAv1 | 34.2           | -26.5            | 2.92         | 37.59                      | 54                 | -16.4       | -                   | -              | 355            | 110         | V        |
| 6      | * 7.311171      | 50.4                 | PK2  | 35.9           | -22.9            | 0            | 63.4                       | -                  | -           | 74                  | -10.6          | 139            | 101         | V        |
|        | * 7.311075      | 32.84                | MAv1 | 35.9           | -22.9            | 2.92         | 48.76                      | 54                 | -5.24       | -                   | -              | 139            | 101         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## HIGH CHANNEL 11 RESULTS



## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 80707 ACF (dB) | Amp/Cbl/Filtr (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      | * 3.682034      | 37.52                | PK2  | 33.5           | -27.2              | 0            | 43.82                      | -                  | -           | 74                  | -30.18         | 96             | 109         | H        |
|        | * 3.681543      | 26.02                | MAv1 | 33.5           | -27.2              | 2.92         | 35.24                      | 54                 | -18.76      | -                   | -              | 96             | 109         | H        |
| 2      | * 4.926581      | 40.85                | PK2  | 34.3           | -25.5              | 0            | 49.65                      | -                  | -           | 74                  | -24.35         | 297            | 102         | H        |
|        | * 4.924187      | 25.51                | MAv1 | 34.2           | -25.6              | 2.92         | 37.03                      | 54                 | -16.97      | -                   | -              | 297            | 102         | H        |
| 3      | * 7.391865      | 41.72                | PK2  | 35.9           | -22.3              | 0            | 55.32                      | -                  | -           | 74                  | -18.68         | 93             | 102         | H        |
|        | * 7.393939      | 23.78                | MAv1 | 35.9           | -22.3              | 2.92         | 40.3                       | 54                 | -13.7       | -                   | -              | 93             | 102         | H        |
| 4      | 3.208257        | 39.55                | PK2  | 34.4           | -28                | 0            | 45.95                      | -                  | -           | -                   | -              | 282            | 101         | V        |
| 5      | * 4.923941      | 40.04                | PK2  | 34.2           | -25.6              | 0            | 48.64                      | -                  | -           | 74                  | -25.36         | 190            | 104         | V        |
|        | * 4.921923      | 25.78                | MAv1 | 34.3           | -25.6              | 2.92         | 37.4                       | 54                 | -16.6       | -                   | -              | 190            | 104         | V        |
| 6      | * 7.386654      | 47.13                | PK2  | 35.9           | -22.5              | 0            | 60.53                      | -                  | -           | 74                  | -13.47         | 135            | 101         | V        |
|        | * 7.386331      | 27.94                | MAv1 | 35.9           | -22.4              | 2.92         | 44.36                      | 54                 | -9.64       | -                   | -              | 135            | 101         | V        |

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

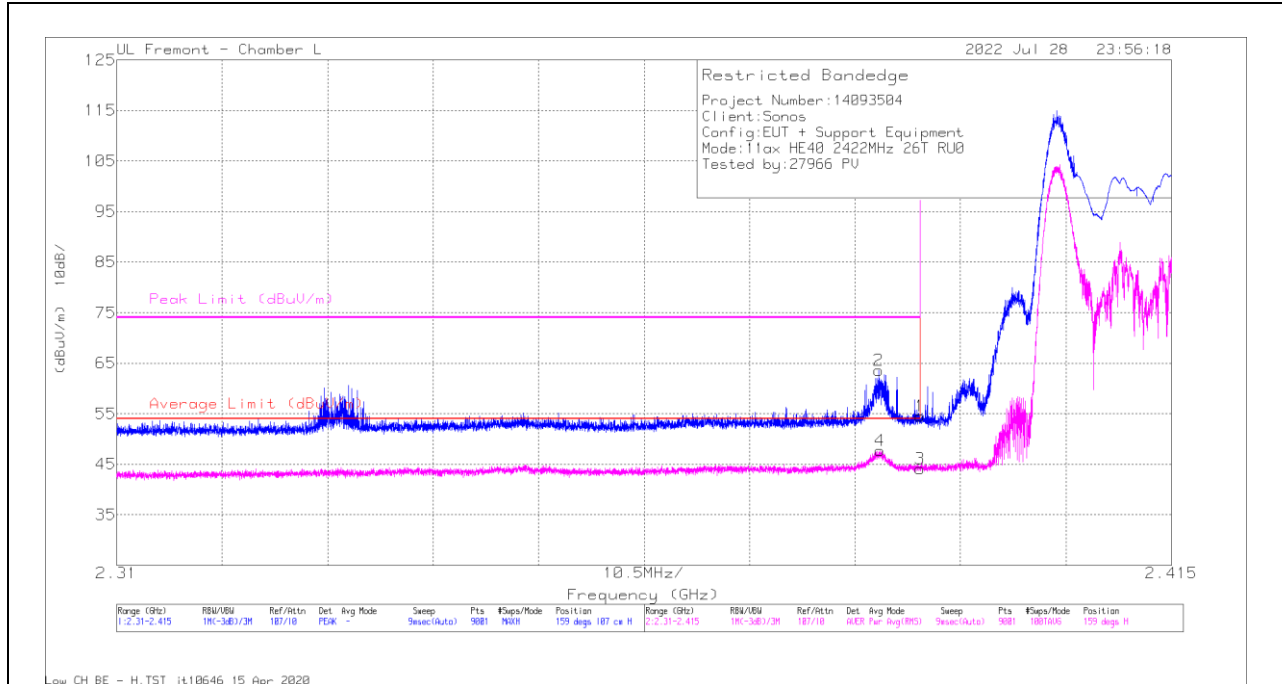
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## 10.1.2. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 2.4GHz BAND

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

#### HORIZONTAL RESULT



#### Trace Markers

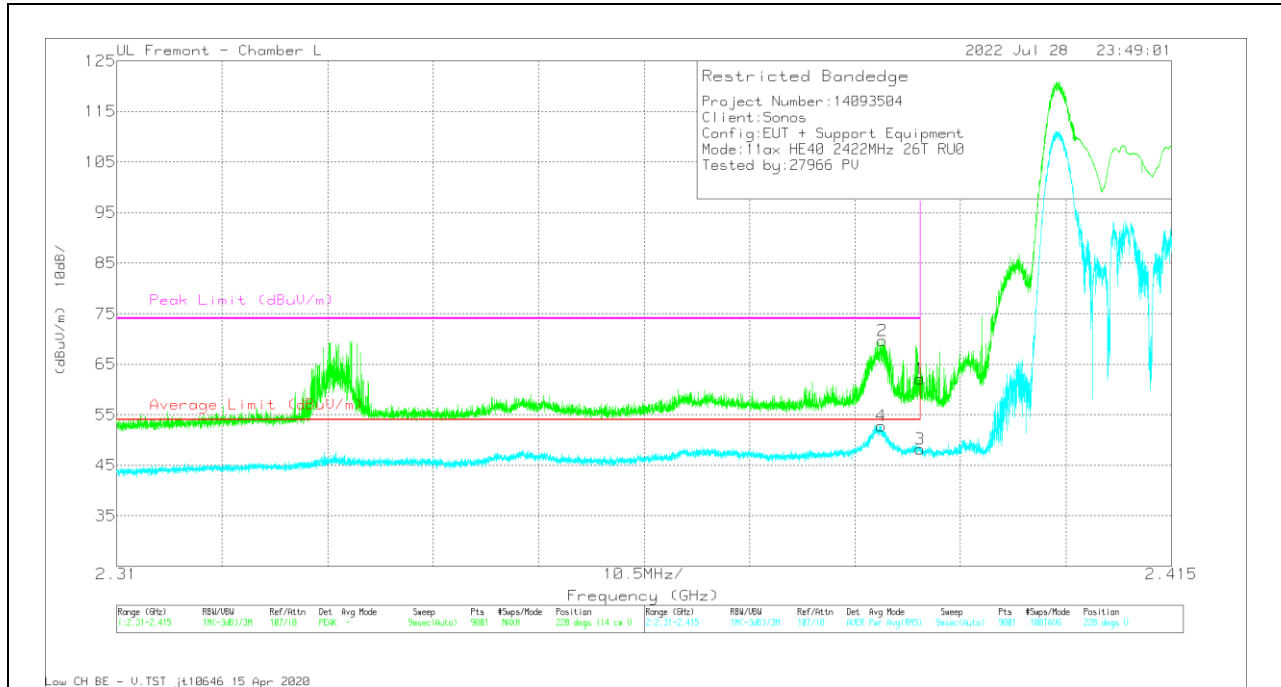
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80707 ACF (dB) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 42.68                | Pk  | 31.9           | -20.1            | 0            | 54.48                      | -                      | -           | 74                  | -19.52         | 159            | 107         | H        |
| 2      | * 2.385871      | 51.77                | Pk  | 31.9           | -20.1            | 0            | 63.57                      | -                      | -           | 74                  | -10.43         | 159            | 107         | H        |
| 3      | * 2.39          | 30.36                | RMS | 31.9           | -20.1            | 1.97         | 44.13                      | 54                     | -9.87       | -                   | -              | 159            | 107         | H        |
| 4      | * 2.385987      | 33.93                | RMS | 31.9           | -20.1            | 1.97         | 47.7                       | 54                     | -6.3        | -                   | -              | 159            | 107         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80707 ACF (dB) | 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      | * 2.39          | 50.32                | Pk  | 31.9           | -20.1            | 0            | 62.12                      | -                      | -           | 74                  | -11.88         | 228            | 114         | V        |
| 2      | * 2.386221      | 57.89                | Pk  | 31.9           | -20.1            | 0            | 69.69                      | -                      | -           | 74                  | -4.31          | 228            | 114         | V        |
| 3      | * 2.39          | 34.42                | RMS | 31.9           | -20.1            | 1.97         | 48.19                      | 54                     | -5.81       | -                   | -              | 228            | 114         | V        |
| 4      | * 2.386139      | 39.06                | RMS | 31.9           | -20.1            | 1.97         | 52.83                      | 54                     | -1.17       | -                   | -              | 228            | 114         | V        |

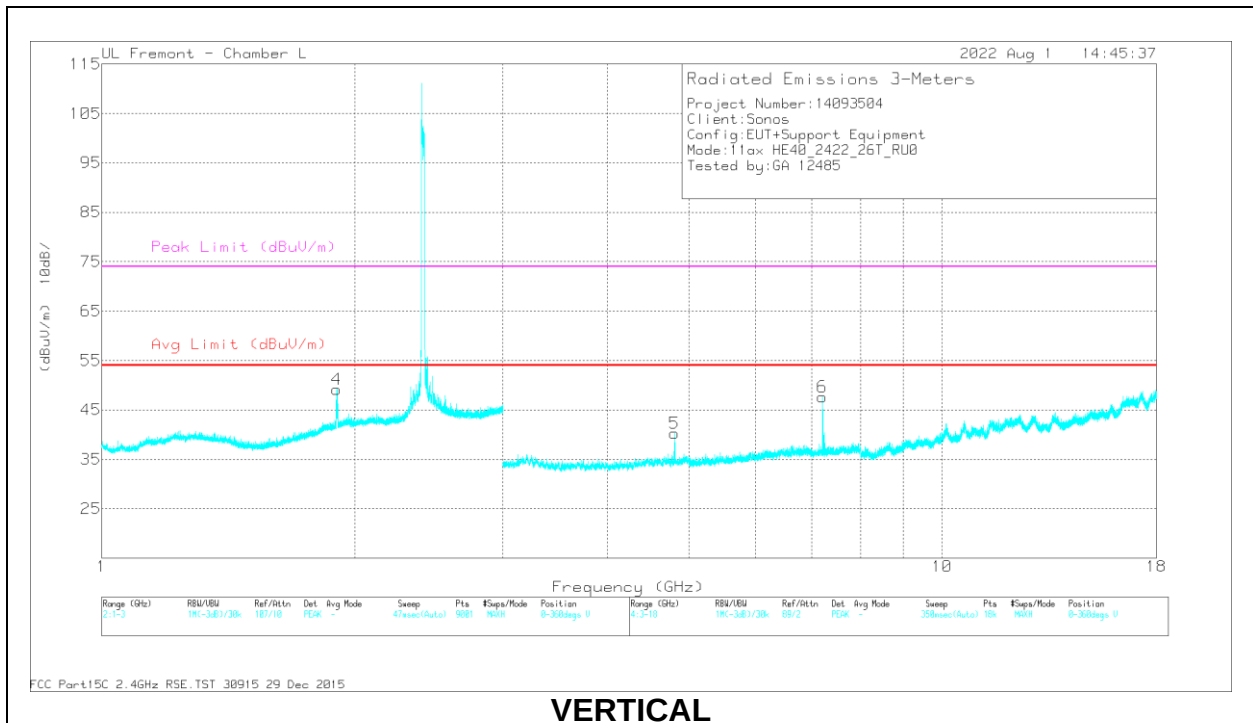
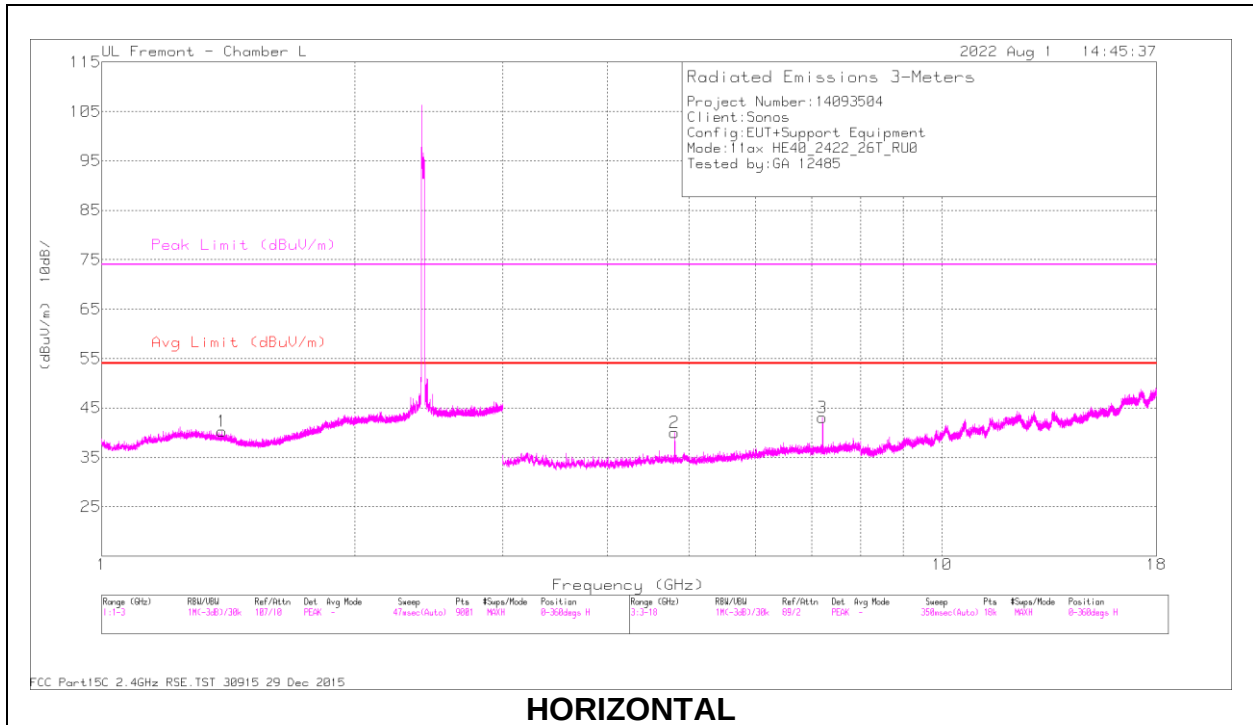
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL 3 RESULTS



## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 80707 ACF (dB) | Amp/Cbl/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      | * 1.39132       | 42.59                | PK2  | 29.3           | -22.9            | 0            | 48.99                      | -                  | -           | 74                  | -25.01         | 94             | 203         | H        |
|        | * 1.391943      | 31.18                | MAV1 | 29.3           | -22.9            | 1.97         | 39.55                      | 54                 | -14.45      | -                   | -              | 94             | 203         | H        |
| 2      | * 4.80758       | 53.29                | PK2  | 34.1           | -26.6            | 0            | 60.79                      | -                  | -           | 74                  | -13.21         | 171            | 113         | H        |
|        | * 4.807172      | 29.14                | MAV1 | 34.1           | -26.6            | 1.97         | 38.61                      | 54                 | -15.39      | -                   | -              | 171            | 113         | H        |
| 3      | 7.211625        | 56.43                | PK2  | 35.9           | -23.1            | 0            | 69.23                      | -                  | -           | -                   | -              | 224            | 107         | H        |
| 4      | 1.904353        | 44.26                | PK2  | 31.3           | -21.3            | 0            | 54.26                      | -                  | -           | -                   | -              | 262            | 147         | V        |
| 5      | * 4.807289      | 54.98                | PK2  | 34.1           | -26.6            | 0            | 62.48                      | -                  | -           | 74                  | -11.52         | 276            | 105         | V        |
|        | * 4.808293      | 31.55                | MAV1 | 34.1           | -26.5            | 1.97         | 41.12                      | 54                 | -12.88      | -                   | -              | 276            | 105         | V        |
| 6      | 7.21194         | 57.11                | PK2  | 35.9           | -23.1            | 0            | 69.91                      | -                  | -           | -                   | -              | 151            | 104         | V        |

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

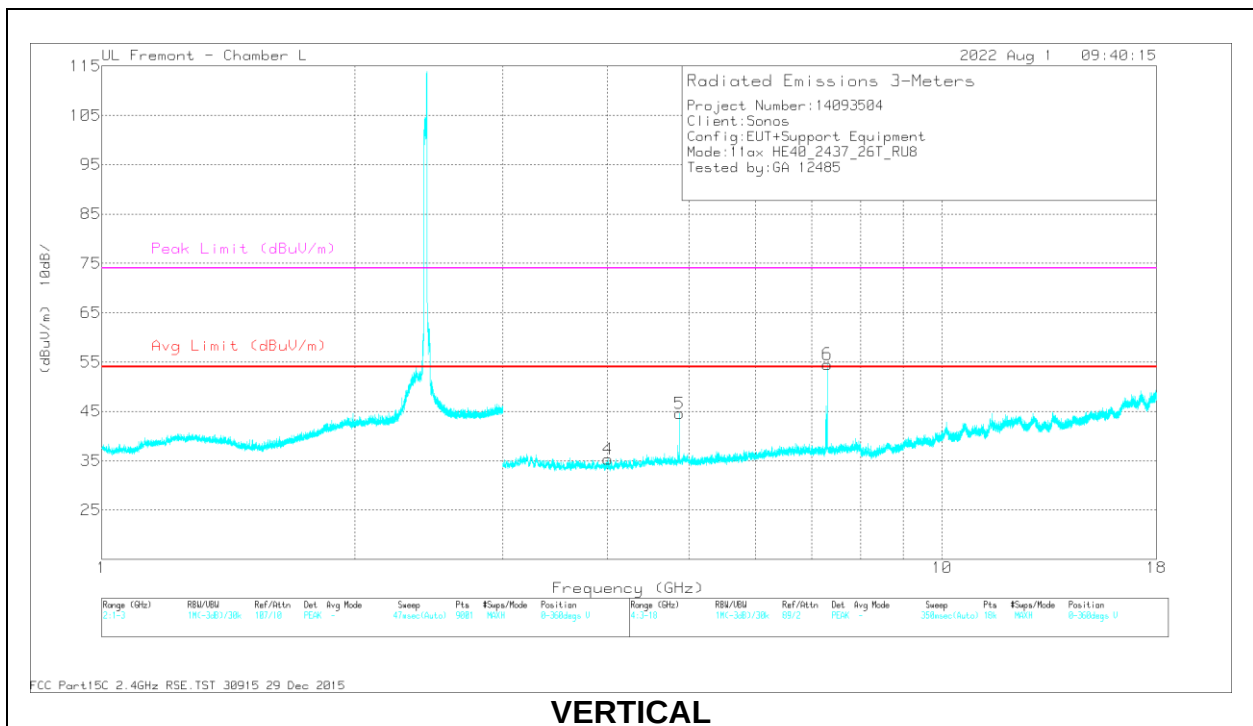
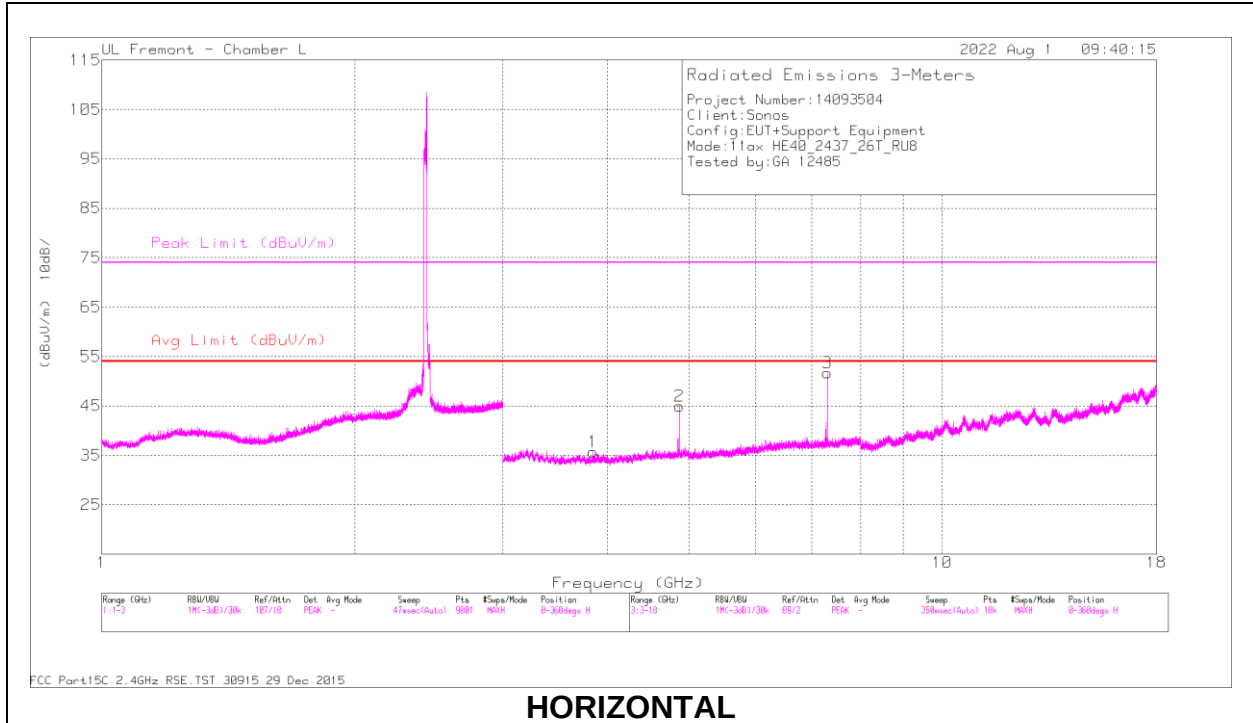
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

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

**HARMONICS AND SPURIOUS EMISSIONS**

**MID CHANNEL 6 RESULTS**



## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 80707 ACF (dB) | Amp/Cbl/Filtr (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      | * 3.839482      | 38.33                | PK2  | 33.5           | -27.6              | 0            | 44.23                      | -                  | -           | 74                  | -29.77         | 291            | 103         | H        |
|        | * 3.839762      | 26.59                | MAv1 | 33.4           | -27.6              | 1.97         | 34.36                      | 54                 | -19.64      | -                   | -              | 291            | 103         | H        |
| 2      | * 4.872018      | 55.39                | PK2  | 34.1           | -26.5              | 0            | 62.99                      | -                  | -           | 74                  | -11.01         | 135            | 102         | H        |
|        | * 4.871446      | 32.95                | MAv1 | 34.2           | -26.5              | 1.97         | 42.62                      | 54                 | -11.38      | -                   | -              | 135            | 102         | H        |
| 3      | * 7.306677      | 55.88                | PK2  | 35.9           | -22.8              | 0            | 68.98                      | -                  | -           | 74                  | -5.02          | 349            | 105         | H        |
|        | * 7.306294      | 28.95                | MAv1 | 35.9           | -22.8              | 1.97         | 44.02                      | 54                 | -9.98       | -                   | -              | 349            | 105         | H        |
| 4      | * 4.001615      | 37.79                | PK2  | 33.4           | -27.6              | 0            | 43.59                      | -                  | -           | 74                  | -30.41         | 208            | 104         | V        |
|        | * 4.001523      | 26.15                | MAv1 | 33.4           | -27.6              | 1.97         | 33.92                      | 54                 | -20.08      | -                   | -              | 208            | 104         | V        |
| 5      | * 4.870655      | 56.61                | PK2  | 34.2           | -26.6              | 0            | 64.21                      | -                  | -           | 74                  | -9.79          | 166            | 102         | V        |
|        | * 4.872449      | 33.16                | MAv1 | 34.2           | -26.5              | 1.97         | 42.83                      | 54                 | -11.17      | -                   | -              | 166            | 102         | V        |
| 6      | * 7.30751       | 51.08                | PK2  | 35.9           | -22.8              | 0            | 64.18                      | -                  | -           | 74                  | -9.82          | 160            | 166         | V        |
|        | * 7.30739       | 27.71                | MAv1 | 35.9           | -22.8              | 1.97         | 42.78                      | 54                 | -11.22      | -                   | -              | 160            | 166         | V        |

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

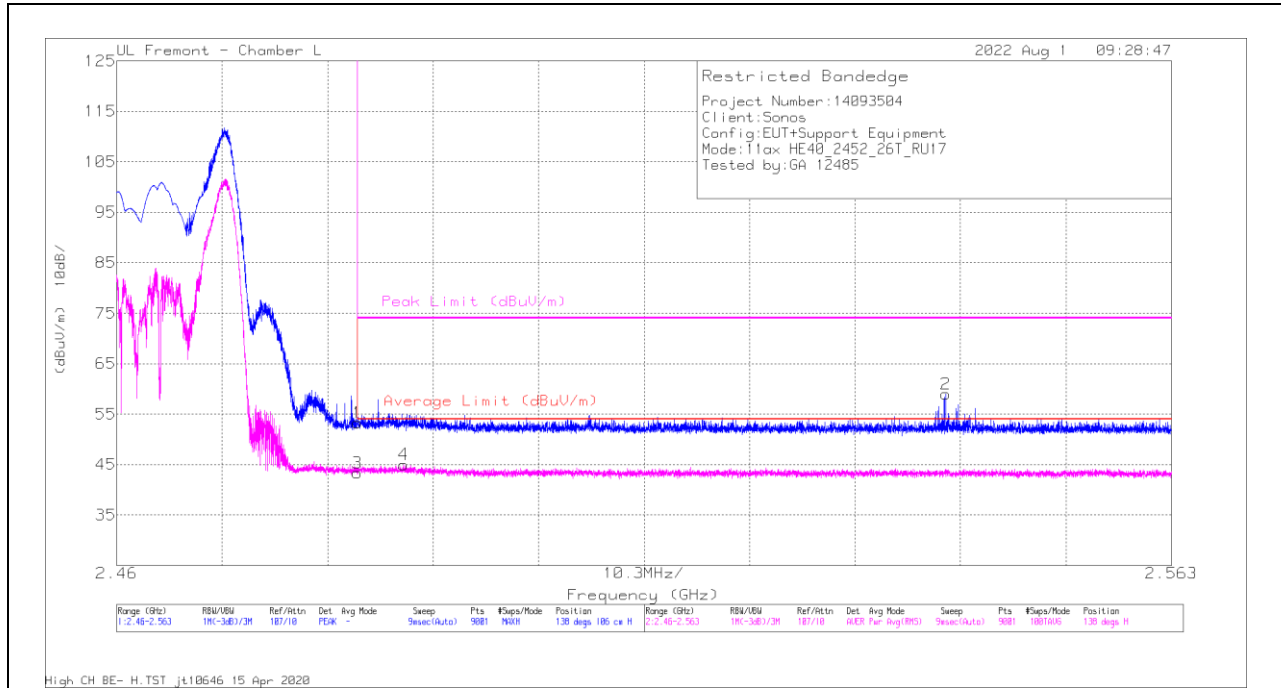
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

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

**BANDEDGE (HIGH CHANNEL 9)**

**HORIZONTAL RESULT**



**Trace Markers**

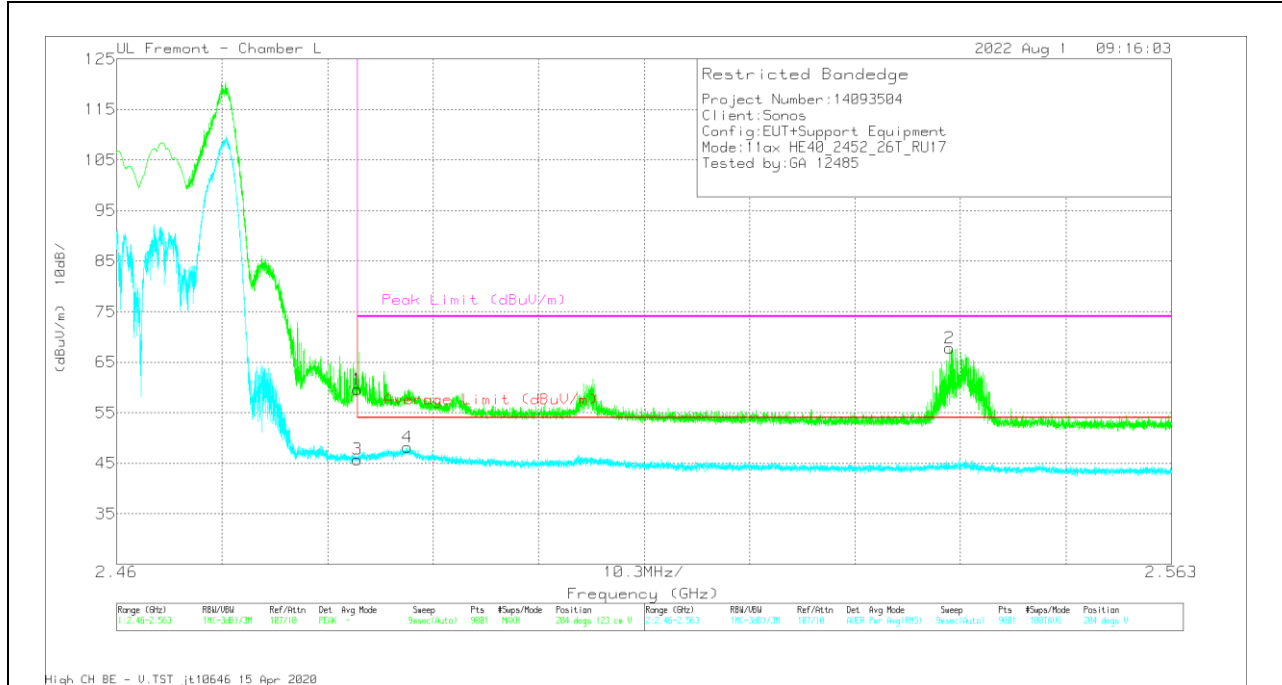
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80707 ACF (dB) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.4835        | 40.94                | PK  | 32.2           | -19.9            | 0            | 53.24                      | -                      | -           | 74                  | -20.76         | 138            | 106         | H        |
| 2      | 2.540955        | 46.52                | PK  | 32.4           | -19.9            | 0            | 59.02                      | -                      | -           | 74                  | -14.98         | 138            | 106         | H        |
| 3      | * 2.4835        | 29.09                | RMS | 32.2           | -19.9            | 1.97         | 43.36                      | 54                     | -10.64      | -                   | -              | 138            | 106         | H        |
| 4      | * 2.488003      | 30.74                | RMS | 32.2           | -19.9            | 1.97         | 45.01                      | 54                     | -8.99       | -                   | -              | 138            | 106         | H        |

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

PK - Peak detector

RMS - RMS detection

## VERTICAL RESULT



## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80707 ACF (dB) | 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      | * 2.4835        | 47.31                | Pk  | 32.2           | -19.9            | 0            | 59.61                      | -                      | -           | 74                  | -14.39         | 204            | 123         | V        |
| 2      | 2.541321        | 55.18                | Pk  | 32.5           | -19.9            | 0            | 67.78                      | -                      | -           | 74                  | -6.22          | 204            | 123         | V        |
| 3      | * 2.4835        | 31.49                | RMS | 32.2           | -19.9            | 1.97         | 45.76                      | 54                     | -8.24       | -                   | -              | 204            | 123         | V        |
| 4      | * 2.488404      | 33.88                | RMS | 32.2           | -19.9            | 1.97         | 48.15                      | 54                     | -5.85       | -                   | -              | 204            | 123         | V        |

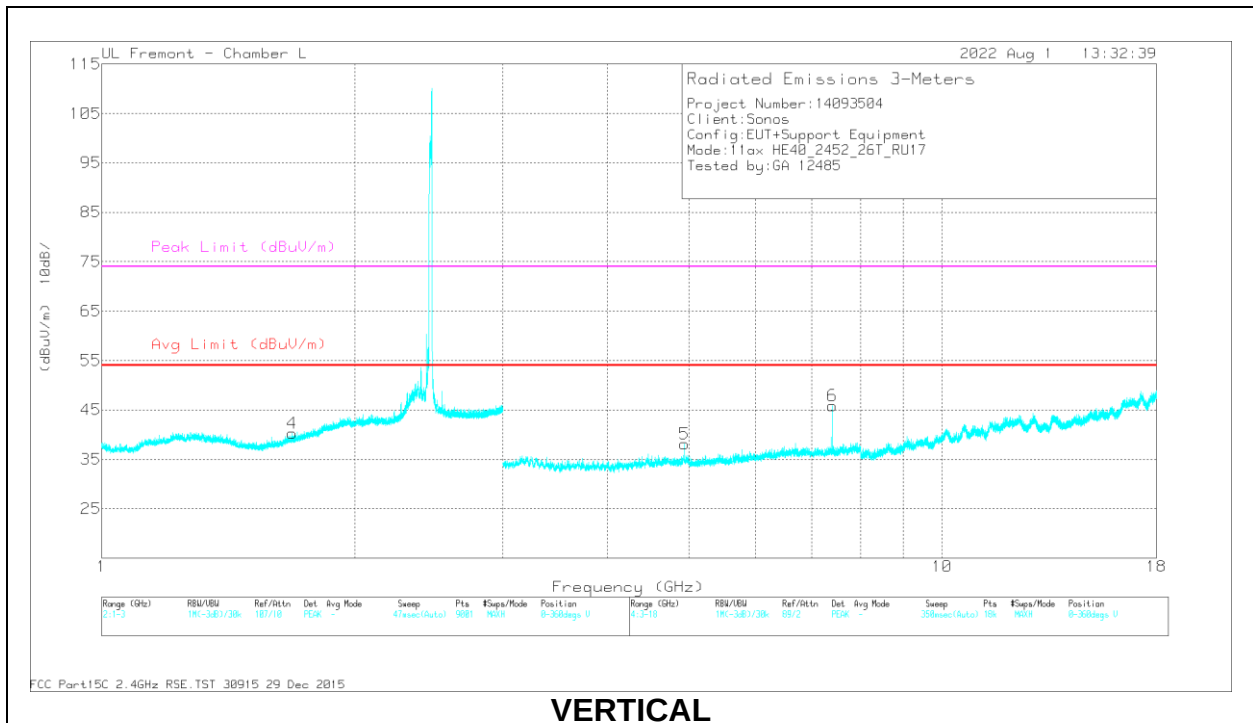
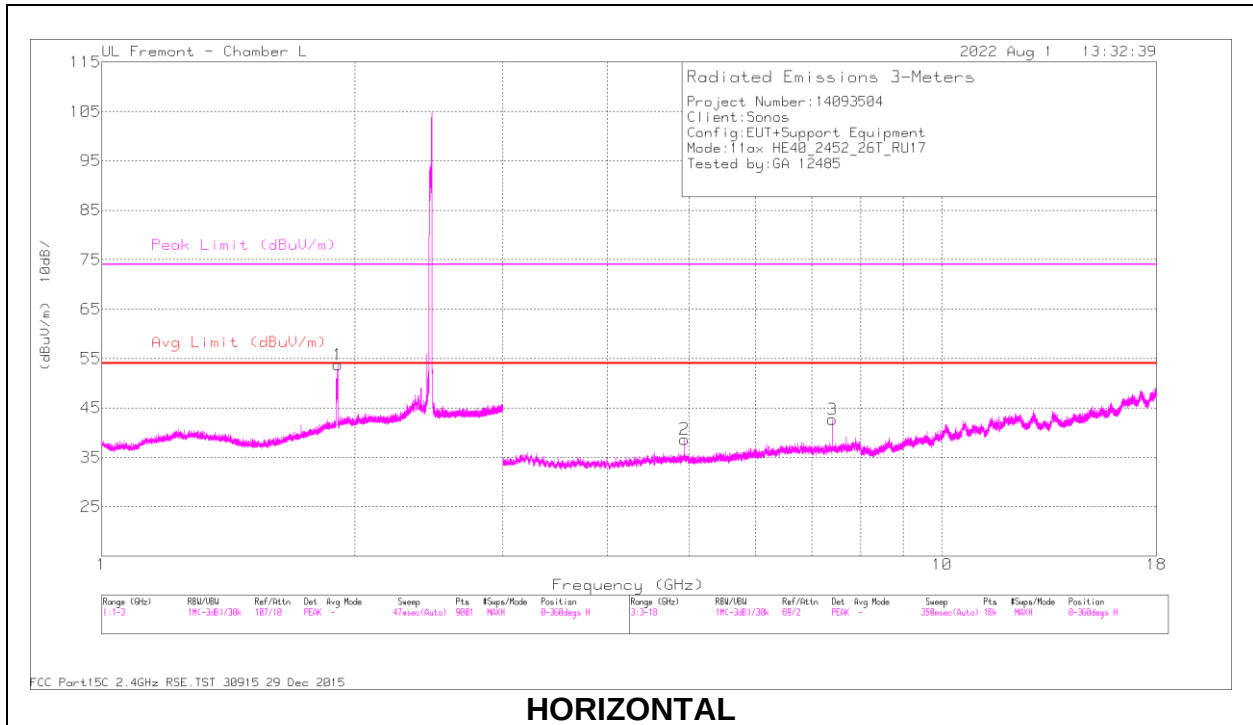
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### HIGH CHANNEL 9 RESULTS



## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 80707 ACF (dB) | Amp/Cbl/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      | 1.908699        | 42.33                | PK2  | 31.4           | -21.3            | 0            | 52.43                      | -                  | -           | -                   | -              | 47             | 220         | H        |
| 2      | * 4.939607      | 48.76                | PK2  | 34.2           | -25.3            | 0            | 57.66                      | -                  | -           | 74                  | -16.34         | 289            | 102         | H        |
|        | * 4.939123      | 27.28                | MAv1 | 34.3           | -25.3            | 1.97         | 38.25                      | 54                 | -15.75      | -                   | -              | 289            | 102         | H        |
| 3      | * 7.410209      | 54.92                | PK2  | 36             | -22.3            | 0            | 68.62                      | -                  | -           | 74                  | -5.38          | 86             | 103         | H        |
|        | * 7.409925      | 28.2                 | MAv1 | 36             | -22.3            | 1.97         | 43.87                      | 54                 | -10.13      | -                   | -              | 86             | 103         | H        |
| 4      | * 1.682845      | 41.8                 | PK2  | 28.9           | -22              | 0            | 48.7                       | -                  | -           | 74                  | -25.3          | 155            | 333         | V        |
|        | * 1.684579      | 30.34                | MAv1 | 28.9           | -22              | 1.97         | 39.21                      | 54                 | -14.79      | -                   | -              | 155            | 333         | V        |
| 5      | * 4.940702      | 53.04                | PK2  | 34.2           | -25.3            | 0            | 61.94                      | -                  | -           | 74                  | -12.06         | 29             | 104         | V        |
|        | * 4.940394      | 28.93                | MAv1 | 34.2           | -25.3            | 1.97         | 39.8                       | 54                 | -14.2       | -                   | -              | 29             | 104         | V        |
| 6      | * 7.409472      | 57.59                | PK2  | 36             | -22.3            | 0            | 71.29                      | -                  | -           | 74                  | -2.71          | 131            | 102         | V        |
|        | * 7.409765      | 30.93                | MAv1 | 36             | -22.3            | 1.97         | 46.6                       | 54                 | -7.4        | -                   | -              | 131            | 102         | V        |

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

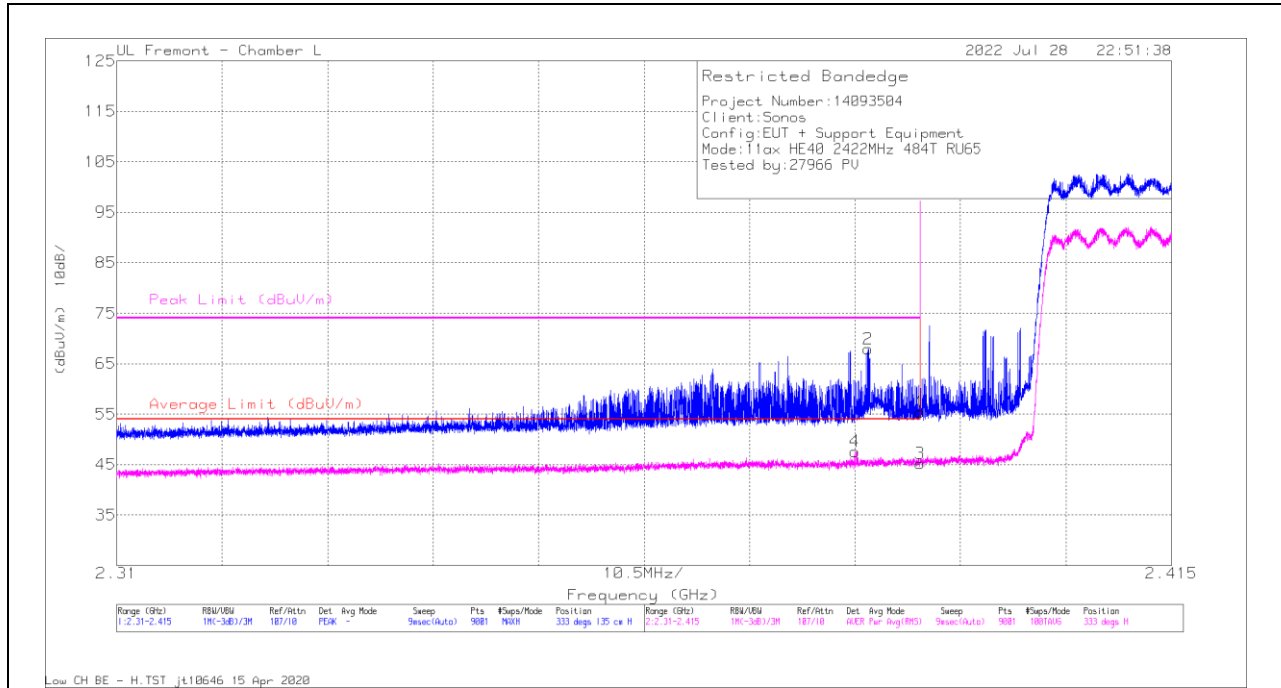
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

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

**BANDEDGE (LOW CHANNEL 3)**

**HORIZONTAL RESULT**



**Trace Markers**

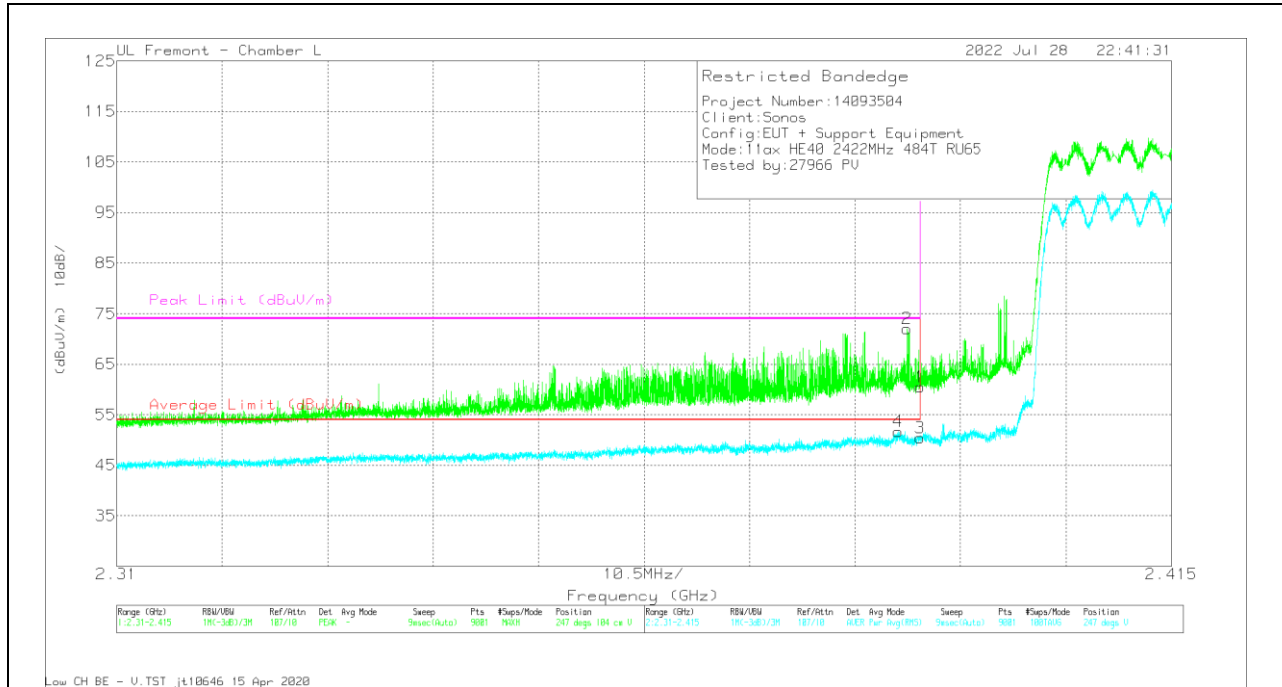
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80707 ACF (dB) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.39          | 43.57                | Pk  | 31.9           | -20.1            | 0            | 55.37                      | -                      | -           | 74                  | -18.63         | 333            | 135         | H        |
| 2      | * 2.384797      | 56.12                | Pk  | 31.9           | -20.1            | 0            | 67.92                      | -                      | -           | 74                  | -6.08          | 333            | 135         | H        |
| 3      | * 2.39          | 30.45                | RMS | 31.9           | -20.1            | 2.96         | 45.21                      | 54                     | -8.79       | -                   | -              | 333            | 135         | H        |
| 4      | * 2.383467      | 32.86                | RMS | 31.9           | -20.1            | 2.96         | 47.62                      | 54                     | -6.38       | -                   | -              | 333            | 135         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80707 ACF (dB) | 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      | * 2.39          | 48.69                | Pk  | 31.9           | -20.1            | 0            | 60.49                      | -                      | -           | 74                  | -13.51         | 247            | 104         | V        |
| 2      | * 2.388671      | 60.27                | Pk  | 31.9           | -20.1            | 0            | 72.07                      | -                      | -           | 74                  | -1.93          | 247            | 104         | V        |
| 3      | * 2.39          | 35.7                 | RMS | 31.9           | -20.1            | 2.96         | 50.46                      | 54                     | -3.54       | -                   | -              | 247            | 104         | V        |
| 4      | * 2.387796      | 36.92                | RMS | 31.9           | -20.1            | 2.96         | 51.68                      | 54                     | -2.32       | -                   | -              | 247            | 104         | V        |

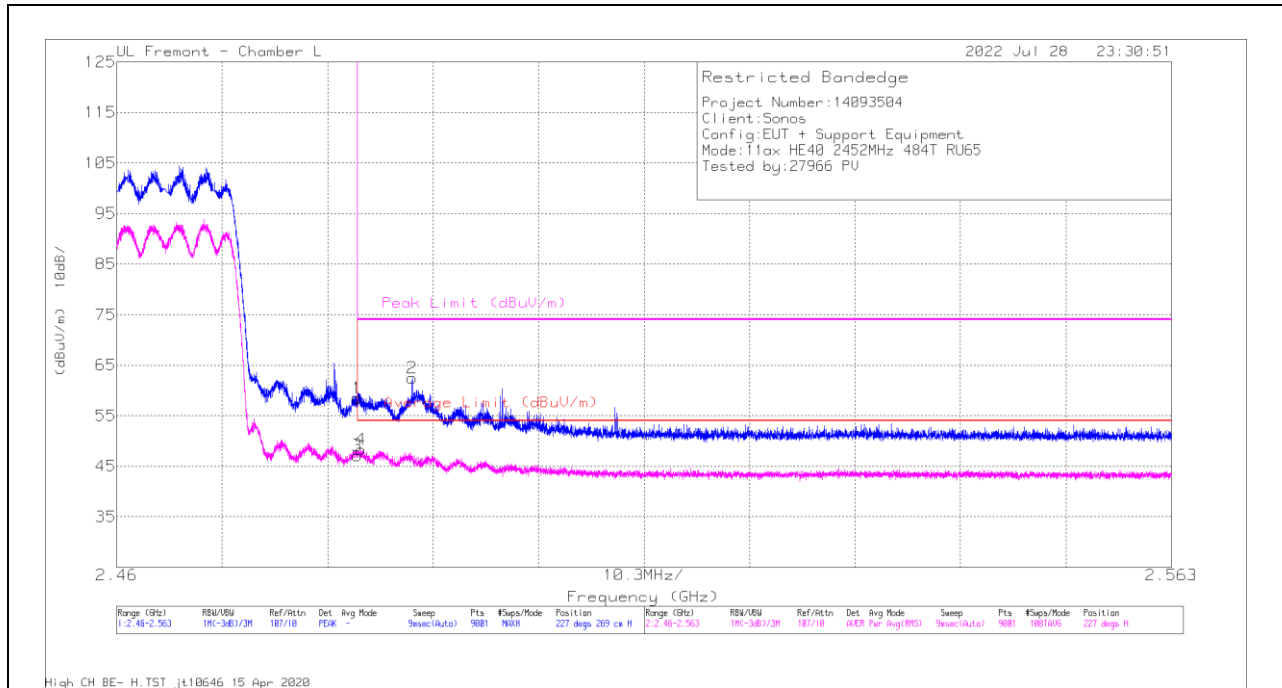
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## BANDEDGE (HIGH CHANNEL 9)

### HORIZONTAL RESULT



### Trace Markers

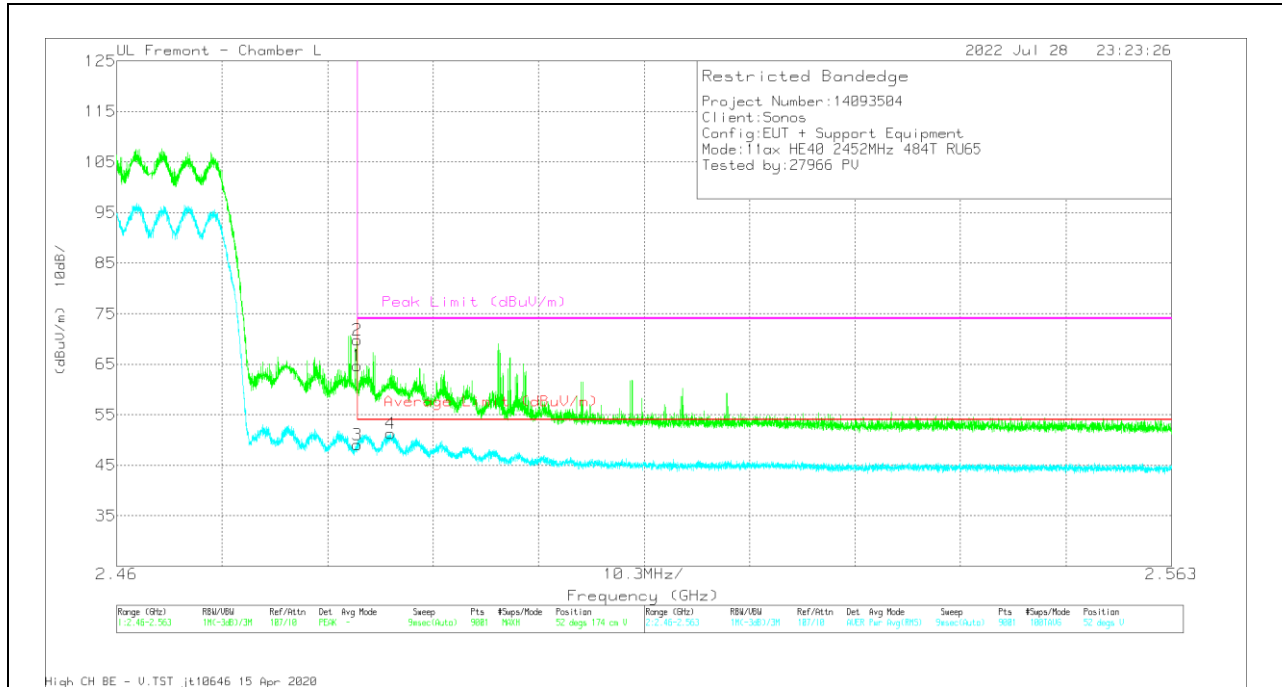
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80707 ACF (dB) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|------------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | * 2.4835        | 46.21                | Pk  | 32.2           | -19.9            | 0            | 58.51                      | -                      | -           | 74                  | -15.49         | 227            | 269         | H        |
| 2      | * 2.48885       | 50.12                | Pk  | 32.2           | -19.9            | 0            | 62.42                      | -                      | -           | 74                  | -11.58         | 227            | 269         | H        |
| 3      | * 2.4835        | 31.86                | RMS | 32.2           | -19.9            | 2.96         | 47.12                      | 54                     | -6.88       | -                   | -              | 227            | 269         | H        |
| 4      | * 2.483849      | 33.01                | RMS | 32.2           | -19.9            | 2.96         | 48.27                      | 54                     | -5.73       | -                   | -              | 227            | 269         | H        |

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

Pk - Peak detector

RMS - RMS detection

## VERTICAL RESULT



## Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det | 80707 ACF (dB) | 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      | * 2.4835        | 52.42                | PK  | 32.2           | -19.9            | 0            | 64.72                      | -                      | -           | 74                  | -9.28          | 52             | 174         | V        |
| 2      | * 2.483506      | 57.52                | PK  | 32.2           | -19.9            | 0            | 69.82                      | -                      | -           | 74                  | -4.18          | 52             | 174         | V        |
| 3      | * 2.4835        | 33.75                | RMS | 32.2           | -19.9            | 2.96         | 49.01                      | 54                     | -4.99       | -                   | -              | 52             | 174         | V        |
| 4      | * 2.486722      | 35.97                | RMS | 32.2           | -19.9            | 2.96         | 51.23                      | 54                     | -2.77       | -                   | -              | 52             | 174         | V        |

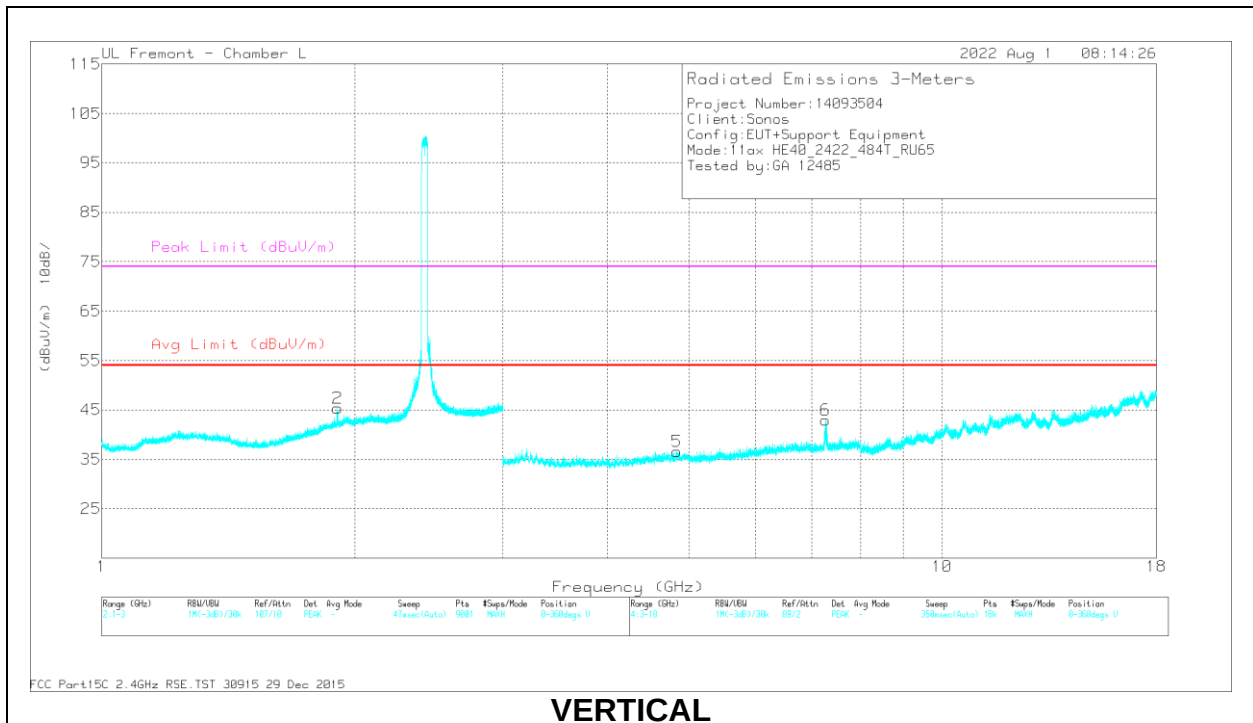
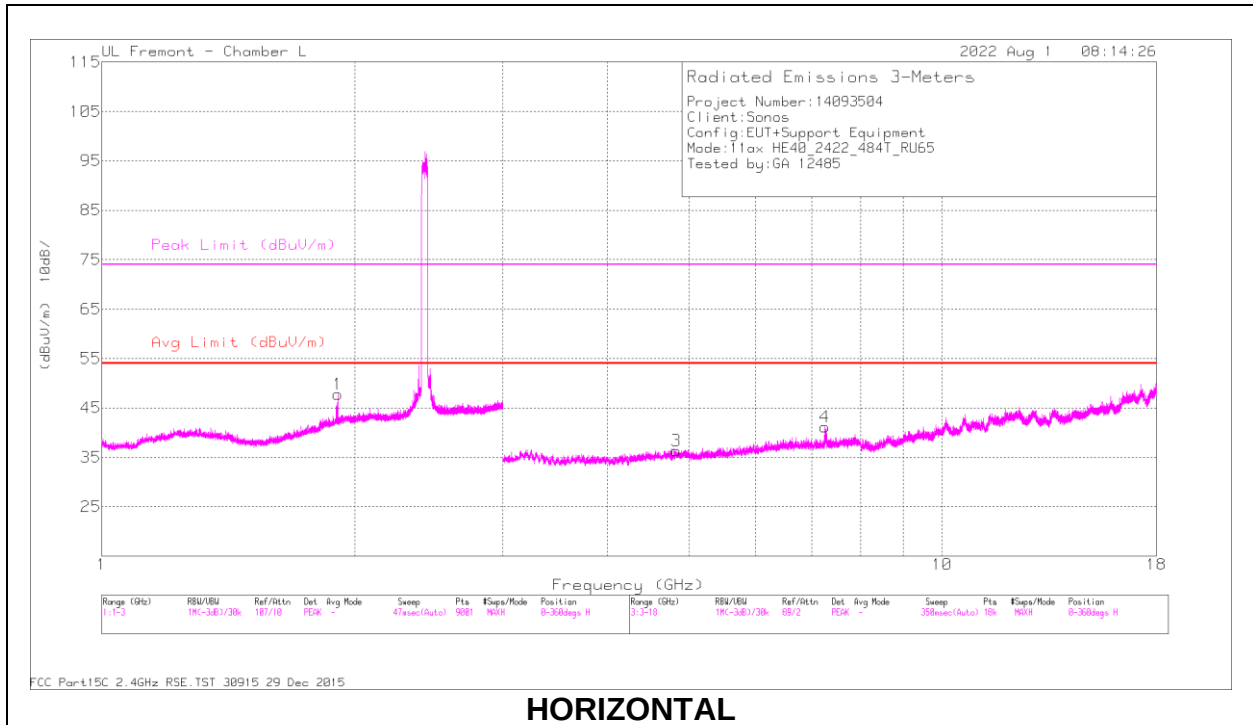
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL 3 RESULTS



## RADIATED EMISSIONS

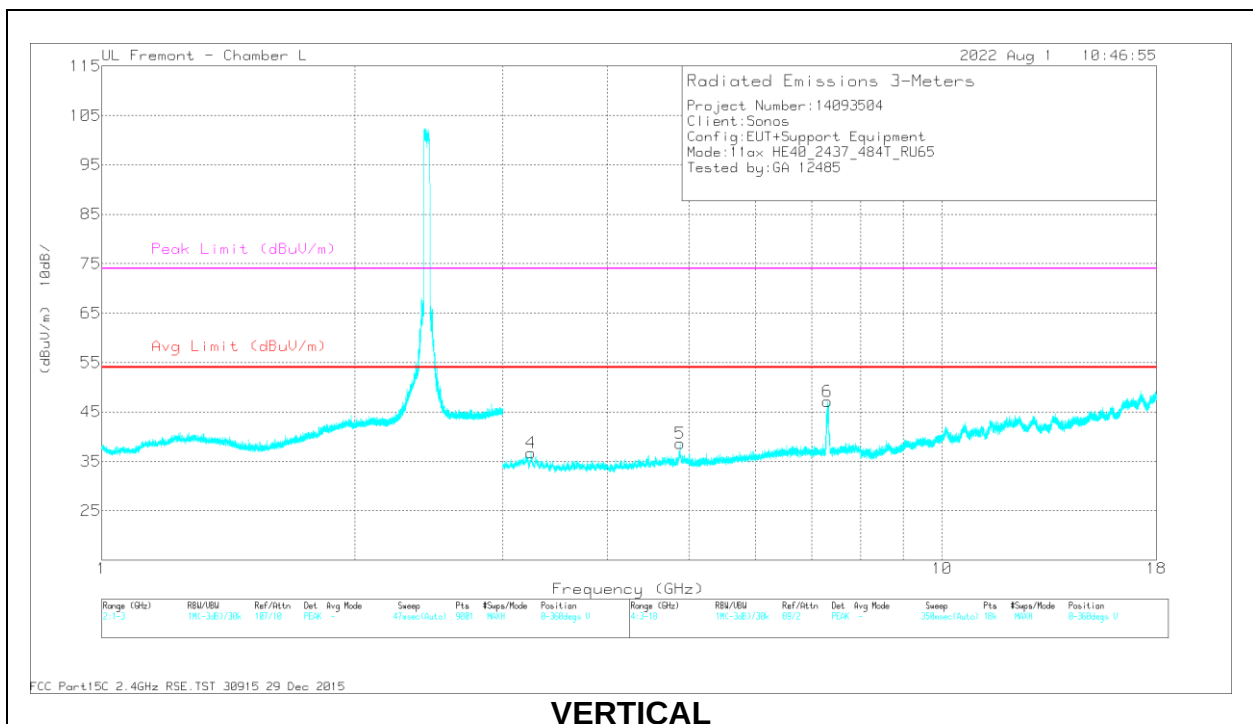
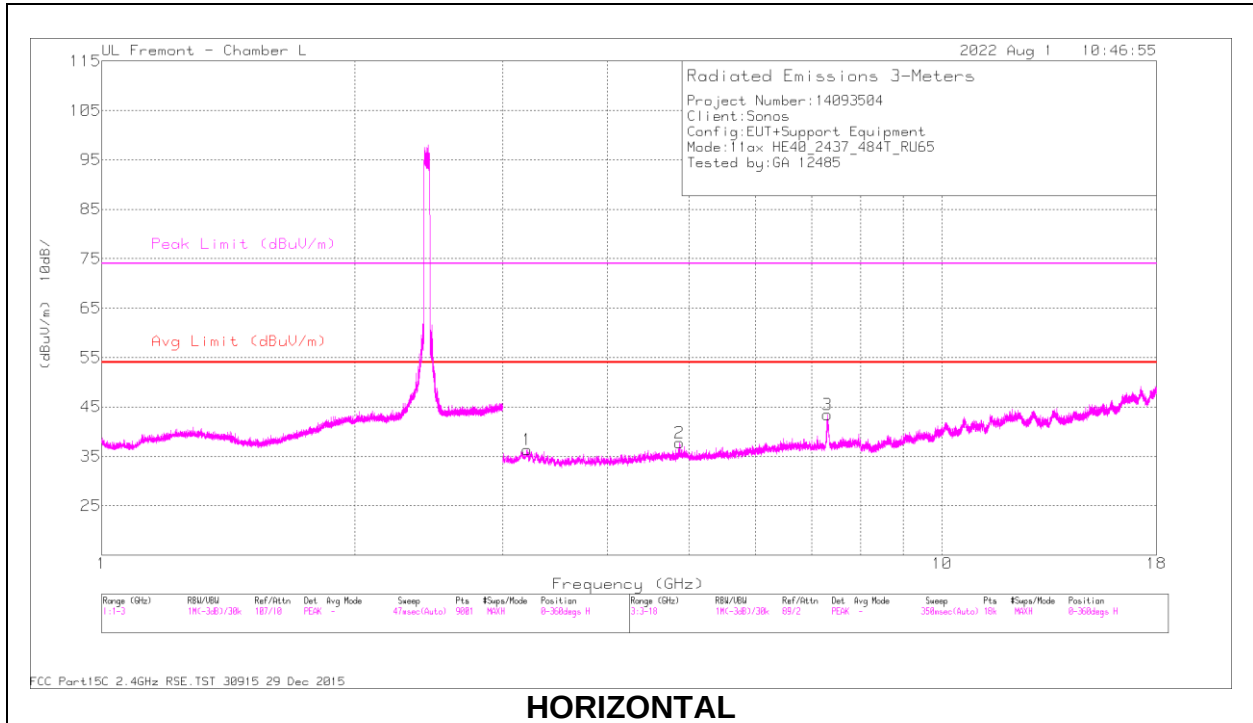
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 80707 ACF (dB) | Amp/Cbl/Pad (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 1.909109        | 45.49                | PK2  | 31.4           | -21.3            | 0            | 55.59                      | -                  | -           | -                   | -              | 193            | 232         | H        |
| 2      | 1.909209        | 42.4                 | PK2  | 31.4           | -21.3            | 0            | 52.5                       | -                  | -           | -                   | -              | 75             | 253         | V        |
| 3      | * 4.82865       | 38.4                 | PK2  | 34.1           | -26.5            | 0            | 46                         | -                  | -           | 74                  | -28            | 133            | 102         | H        |
|        | * 4.830268      | 26.3                 | MAv1 | 34.1           | -26.5            | 2.96         | 36.86                      | 54                 | -17.14      | -                   | -              | 133            | 102         | H        |
| 4      | * 7.258717      | 40.32                | PK2  | 35.9           | -23.3            | 0            | 52.92                      | -                  | -           | 74                  | -21.08         | 194            | 101         | H        |
|        | * 7.257763      | 24.15                | MAv1 | 35.9           | -23.3            | 2.96         | 39.71                      | 54                 | -14.29      | -                   | -              | 194            | 101         | H        |
| 5      | * 4.839659      | 39.2                 | PK2  | 34.2           | -26.6            | 0            | 46.8                       | -                  | -           | 74                  | -27.2          | 164            | 104         | V        |
|        | * 4.837349      | 26.3                 | MAv1 | 34.2           | -26.6            | 2.96         | 36.86                      | 54                 | -17.14      | -                   | -              | 164            | 104         | V        |
| 6      | * 7.267433      | 43.18                | PK2  | 35.9           | -23.3            | 0            | 55.78                      | -                  | -           | 74                  | -18.22         | 124            | 103         | V        |
|        | * 7.267861      | 25.85                | MAv1 | 35.9           | -23.3            | 2.96         | 41.41                      | 54                 | -12.59      | -                   | -              | 124            | 103         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## MID CHANNEL 6 RESULTS



## RADIATED EMISSIONS

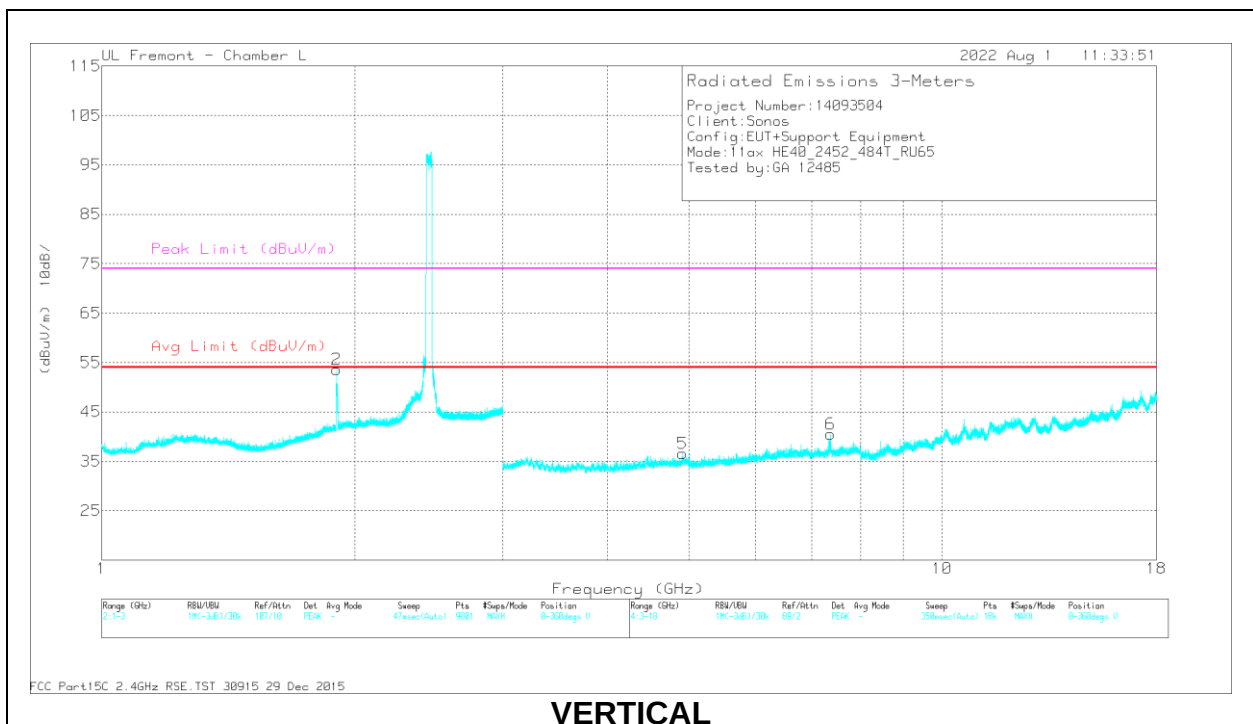
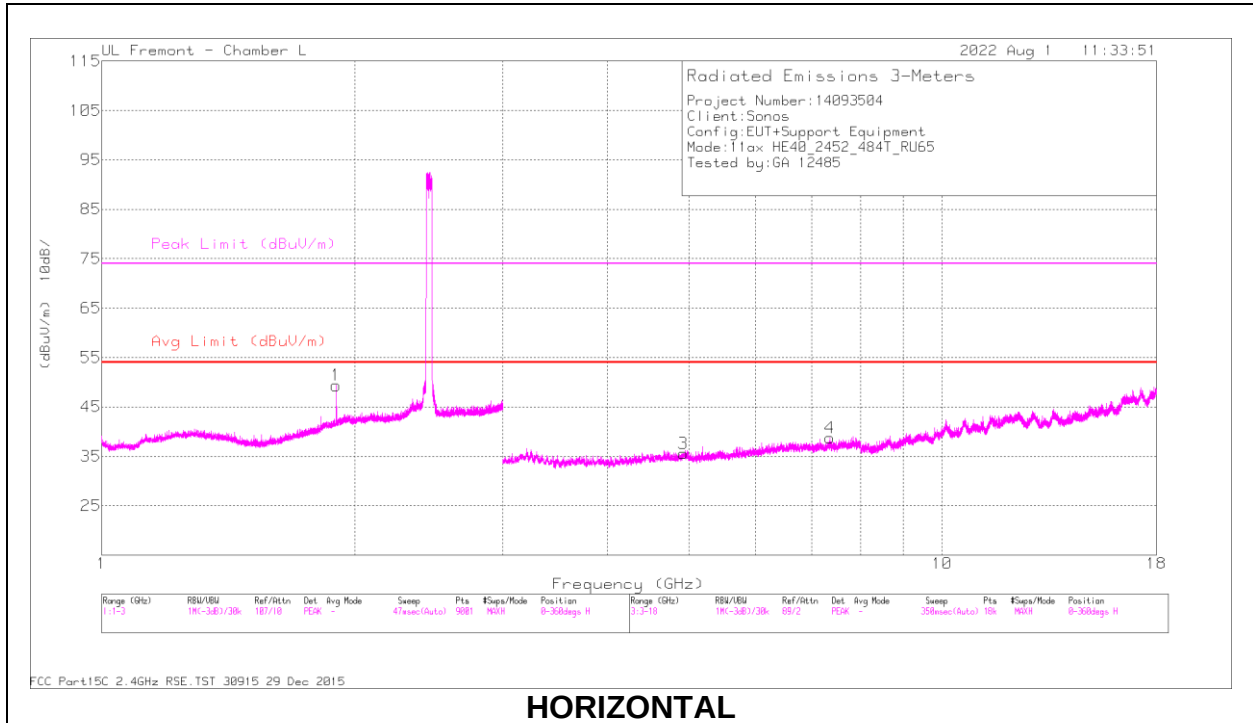
| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 80707 ACF (dB) | Amp/Cbl/Filtr (dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|------|----------------|--------------------|--------------|----------------------------|--------------------|-------------|---------------------|----------------|----------------|-------------|----------|
| 1      | 3.206458        | 39                   | PK2  | 34.4           | -28                | 0            | 45.4                       | -                  | -           | -                   | -              | 88             | 107         | H        |
| 2      | * 4.871536      | 40.04                | PK2  | 34.2           | -26.5              | 0            | 47.74                      | -                  | -           | 74                  | -26.26         | 137            | 101         | H        |
|        | * 4.874469      | 27.05                | MAv1 | 34.2           | -26.4              | 2.96         | 37.81                      | 54                 | -16.19      | -                   | -              | 137            | 101         | H        |
| 3      | * 7.311391      | 41.9                 | PK2  | 35.9           | -22.9              | 0            | 54.9                       | -                  | -           | 74                  | -19.1          | 88             | 101         | H        |
|        | * 7.311523      | 26.18                | MAv1 | 35.9           | -22.9              | 2.96         | 42.14                      | 54                 | -11.86      | -                   | -              | 88             | 101         | H        |
| 4      | 3.245435        | 39.28                | PK2  | 34.4           | -28.4              | 0            | 45.28                      | -                  | -           | -                   | -              | 78             | 112         | V        |
| 5      | * 4.88081       | 38.55                | PK2  | 34.2           | -26.4              | 0            | 46.35                      | -                  | -           | 74                  | -27.65         | 87             | 107         | V        |
|        | * 4.87743       | 25.46                | MAv1 | 34.2           | -26.4              | 2.96         | 36.22                      | 54                 | -17.78      | -                   | -              | 87             | 107         | V        |
| 6      | * 7.30623       | 47.09                | PK2  | 35.9           | -22.8              | 0            | 60.19                      | -                  | -           | 74                  | -13.81         | 133            | 103         | V        |
|        | * 7.306542      | 29.5                 | MAv1 | 35.9           | -22.8              | 2.96         | 45.56                      | 54                 | -8.44       | -                   | -              | 133            | 103         | V        |

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## HIGH CHANNEL 9 RESULTS



## RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBuV) | Det  | 80707 ACF (dB) | Amp/Cbl/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      | 1.900198        | 41.96                | PK2  | 31.3           | -21.3            | 0            | 51.96                      | -                  | -           | -                   | -              | 313            | 157         | H        |
| 2      | 1.906372        | 42.21                | PK2  | 31.3           | -21.3            | 0            | 52.21                      | -                  | -           | -                   | -              | 224            | 108         | V        |
| 3      | * 4.918499      | 37.22                | PK2  | 34.2           | -25.6            | 0            | 45.82                      | -                  | -           | 74                  | -28.18         | 338            | 101         | H        |
|        | * 4.918431      | 24.99                | MAv1 | 34.2           | -25.6            | 2.96         | 36.55                      | 54                 | -17.45      | -                   | -              | 338            | 101         | H        |
| 4      | * 7.362422      | 35.32                | PK2  | 35.9           | -22.6            | 0            | 48.62                      | -                  | -           | 74                  | -25.38         | 96             | 102         | H        |
|        | * 7.360504      | 21.12                | MAv1 | 35.9           | -22.5            | 2.96         | 37.48                      | 54                 | -16.52      | -                   | -              | 96             | 102         | H        |
| 5      | * 4.907987      | 36.97                | PK2  | 34.2           | -26              | 0            | 45.17                      | -                  | -           | 74                  | -28.83         | 181            | 103         | V        |
|        | * 4.909413      | 24.41                | MAv1 | 34.2           | -25.9            | 2.96         | 35.67                      | 54                 | -18.33      | -                   | -              | 181            | 103         | V        |
| 6      | * 7.369056      | 36.91                | PK2  | 35.9           | -22.6            | 0            | 50.21                      | -                  | -           | 74                  | -23.79         | 139            | 103         | V        |
|        | * 7.36872       | 21.77                | MAv1 | 35.9           | -22.6            | 2.96         | 38.03                      | 54                 | -15.97      | -                   | -              | 139            | 103         | V        |

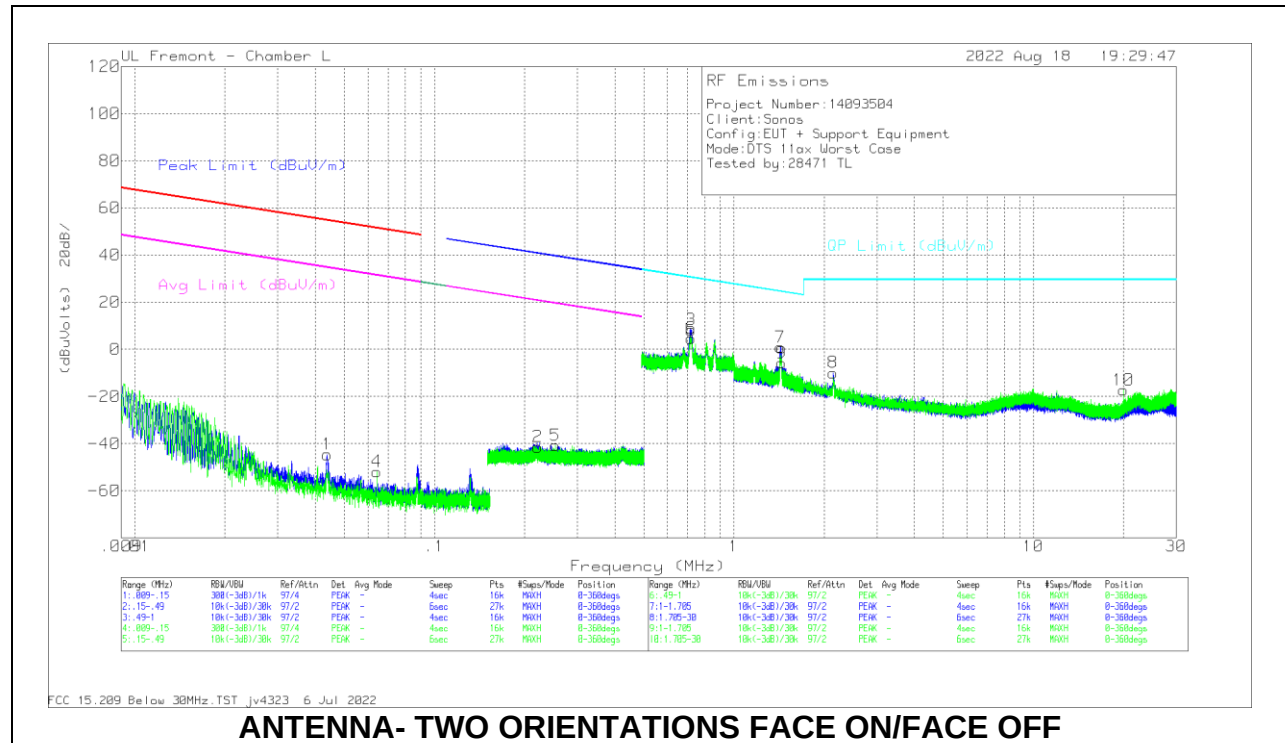
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## 10.2. Worst Case Below 30MHz

### SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)

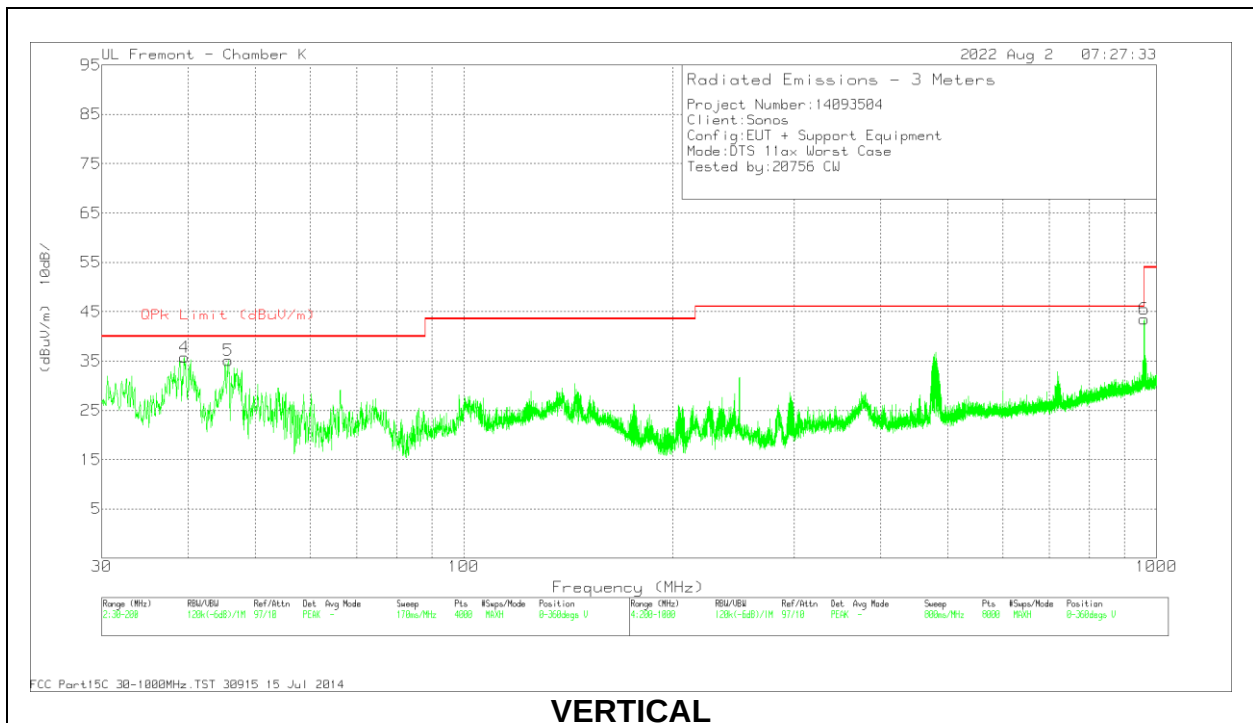
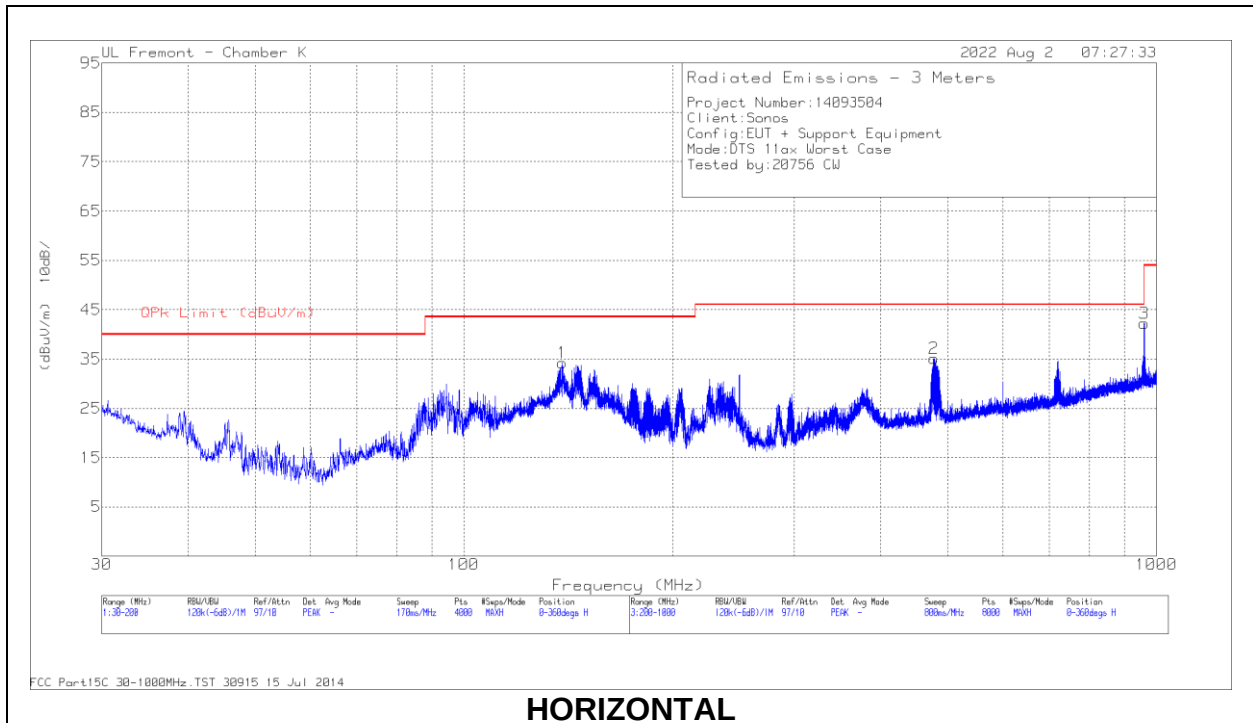


### Below 30MHz Data

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | Loop Antenna E(ACF) | Ampl/Cbl (dB) | Dist Corr 300m | Corrected Reading (dBuV/m) | Peak Limit (dBuV/m) | Margin (dB) | Avg Limit (dBuV/m) | Margin (dB) | QP Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Avg Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) |
|--------|-----------------|----------------------|-----|---------------------|---------------|----------------|----------------------------|---------------------|-------------|--------------------|-------------|-------------------|-------------|---------------------|-------------|--------------------|-------------|----------------|
| 1      | .0438           | 10                   | Pk  | 57.2                | -31.8         | -80            | -44.6                      | 54.76               | -99.36      | 34.76              | -79.36      | -                 | -           | -                   | -           | -                  | -           | 0-360          |
| 2      | .2211           | 14.42                | Pk  | 56.2                | -32           | -80            | -41.38                     | -                   | -           | -                  | -           | -                 | -           | 40.72               | -82.1       | 20.72              | -62.1       | 0-360          |
| 4      | .0642           | 3.91                 | Pk  | 56.1                | -31.9         | -80            | -51.89                     | 51.43               | -103.32     | 31.43              | -83.32      | -                 | -           | -                   | -           | -                  | -           | 0-360          |
| 5      | .2532           | 15.02                | Pk  | 56.2                | -32           | -80            | -40.78                     | -                   | -           | -                  | -           | -                 | -           | 39.55               | -80.33      | 19.55              | -60.33      | 0-360          |
| 3      | .7198           | 23.97                | Pk  | 56.2                | -31.9         | -40            | 8.27                       | -                   | -           | -                  | -           | 30.47             | -22.2       | -                   | -           | -                  | -           | 0-360          |
| 6      | .7194           | 20.45                | Pk  | 56.2                | -31.9         | -40            | 4.75                       | -                   | -           | -                  | -           | 30.47             | -25.72      | -                   | -           | -                  | -           | 0-360          |
| 7      | 1.4286          | 28.11                | Pk  | 44.7                | -31.9         | -40            | .91                        | -                   | -           | -                  | -           | 24.53             | -23.62      | -                   | -           | -                  | -           | 0-360          |
| 8      | 2.141           | 20.58                | Pk  | 41.3                | -31.8         | -40            | -9.92                      | -                   | -           | -                  | -           | 29.5              | -39.42      | -                   | -           | -                  | -           | 0-360          |
| 9      | 1.4424          | 21.48                | Pk  | 44.6                | -31.9         | -40            | -5.82                      | -                   | -           | -                  | -           | 24.45             | -30.27      | -                   | -           | -                  | -           | 0-360          |
| 10     | 19.9999         | 19.9                 | Pk  | 34.2                | -31.4         | -40            | -17.3                      | -                   | -           | -                  | -           | 29.5              | -46.8       | -                   | -           | -                  | -           | 0-360          |

Pk - Peak detector

### 10.3. Worst Case Below 1 GHz



**Below 1GHz Data**

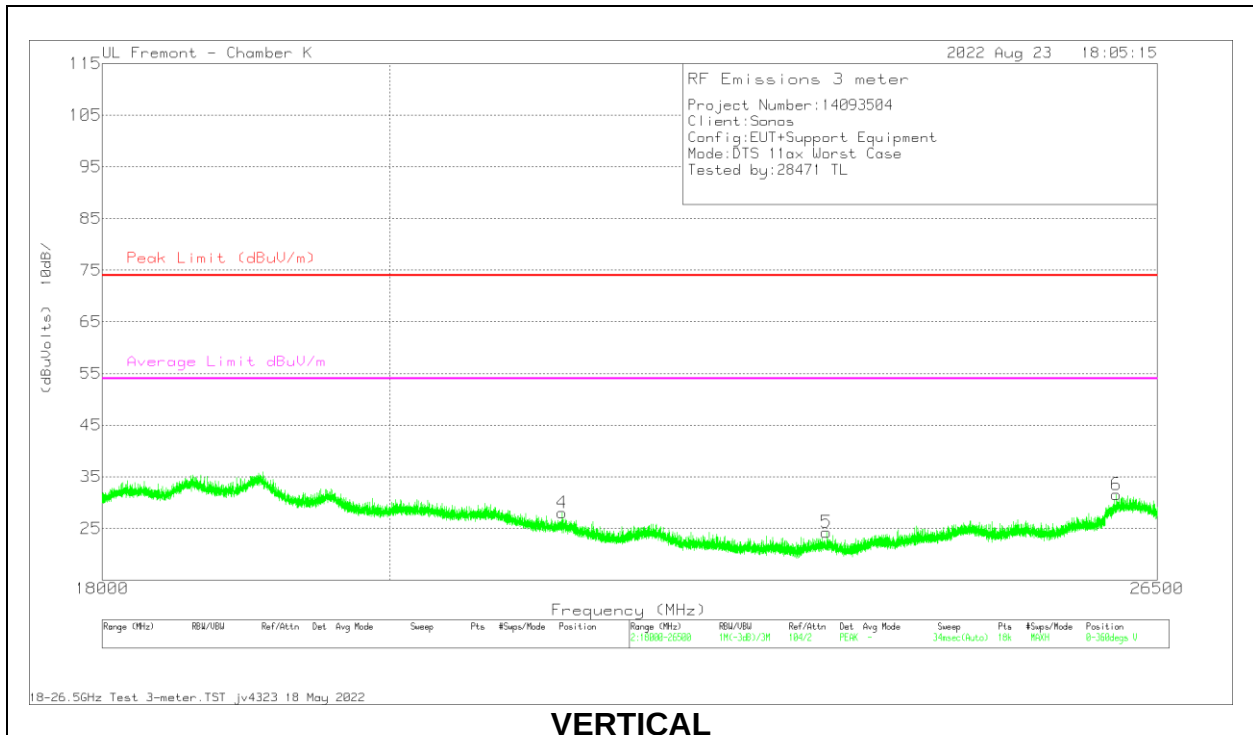
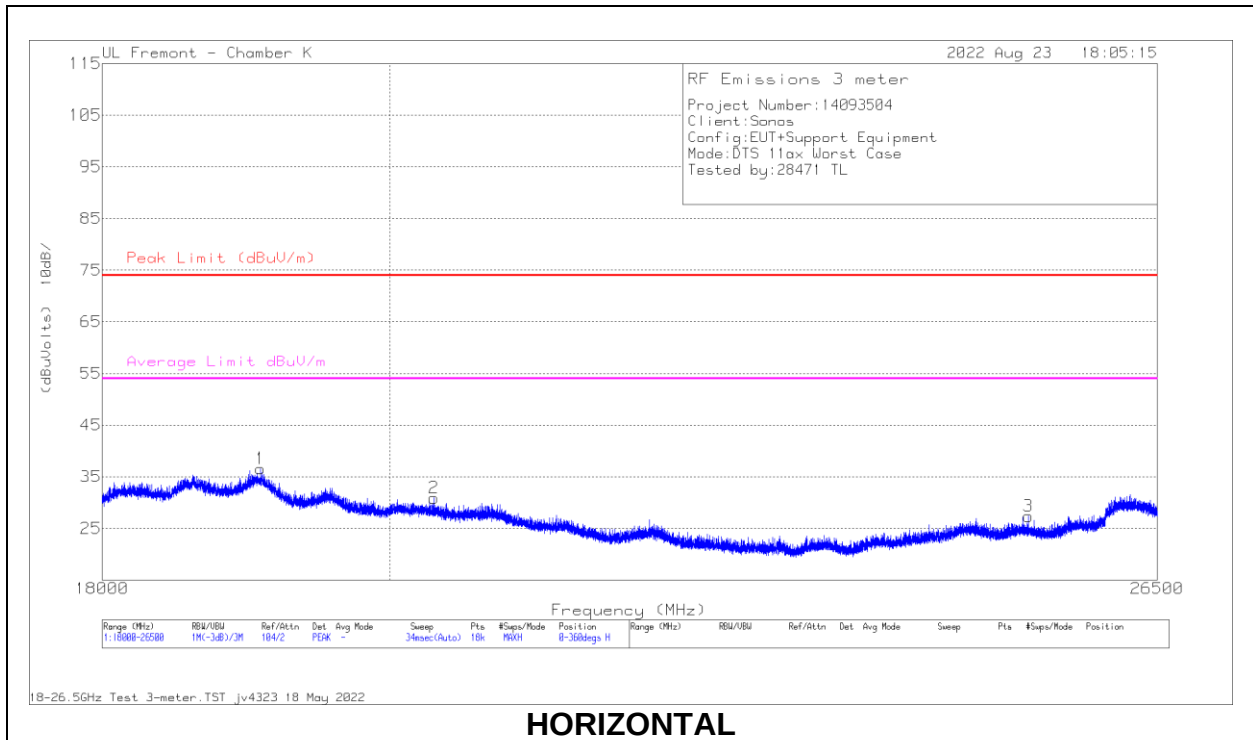
| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 82258 ACF (dB) | Amp/Cbl (dB) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|----------------|--------------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 1      | 138.701         | 45.39                | Pk  | 19.5           | -30.6        | 34.29                      | 43.52              | -9.23       | 0-360          | 197         | H        |
| 4      | 39.514          | 44.71                | Qp  | 20.5           | -31.4        | 33.81                      | 40                 | -6.19       | 345            | 104         | V        |
| 5      | 45.7195         | 47.99                | Qp  | 16.2           | -31.3        | 32.89                      | 40                 | -7.11       | 57             | 99          | V        |
| 2      | 476.836         | 40.46                | Pk  | 23.8           | -29.1        | 35.16                      | 46.02              | -10.86      | 0-360          | 199         | H        |
| 3      | * 960.099       | 39.2                 | Pk  | 29.4           | -26.3        | 42.3                       | 53.97              | -11.67      | 0-360          | 99          | H        |
| 6      | * 960.099       | 40.39                | Pk  | 29.4           | -26.3        | 43.49                      | 53.97              | -10.48      | 0-360          | 98          | V        |

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

Pk - Peak detector

Qp - Quasi-Peak detector

## 10.4. Worst Case 18-26 GHz



# **18 - 26 GHz Data**

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 81138 AF (dB/m) | 215705 amp/cbl (dB) | Cables (dB) | Corrected Reading (dBuVolts) | Peak Limit (dBuV/m) | PK Margin (dB) | Average Limit dBuV/m | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|-----------------|---------------------|-------------|------------------------------|---------------------|----------------|----------------------|-------------|----------------|-------------|----------|
| 1      | * 19075.722     | 46.55                | Pk  | 32.7            | -60.8               | 18.1        | 36.55                        | 74                  | -37.45         | 54                   | -17.45      | 0-360          | 200         | H        |
| 2      | * 20326.166     | 39.2                 | Pk  | 33              | -59.9               | 18.6        | 30.9                         | 74                  | -43.1          | 54                   | -23.1       | 0-360          | 200         | H        |
| 3      | 25275.052       | 33.37                | Pk  | 34.4            | -61.2               | 20.8        | 27.37                        | 74                  | -46.63         | 54                   | -26.63      | 0-360          | 200         | H        |
| 4      | * 21306.026     | 35.65                | Pk  | 33.2            | -59.9               | 19.1        | 28.05                        | 74                  | -45.95         | 54                   | -25.95      | 0-360          | 199         | V        |
| 5      | 23473.053       | 31.58                | Pk  | 33.8            | -61.1               | 20          | 24.28                        | 74                  | -49.72         | 54                   | -29.72      | 0-360          | 199         | V        |
| 6      | 26106.163       | 36.37                | Pk  | 34.5            | -60.6               | 21.3        | 31.57                        | 74                  | -42.43         | 54                   | -22.43      | 0-360          | 199         | V        |

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

Pk - Peak detector

## 11. AC POWER LINE CONDUCTED EMISSIONS

### LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

| Frequency of Emission (MHz) | Conducted Limit (dBuV) |            |
|-----------------------------|------------------------|------------|
|                             | Quasi-peak             | Average    |
| 0.15-0.5                    | 66 to 56 *             | 56 to 46 * |
| 0.5-5                       | 56                     | 46         |
| 5-30                        | 60                     | 50         |

\* Decreases with the logarithm of the frequency.

### TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

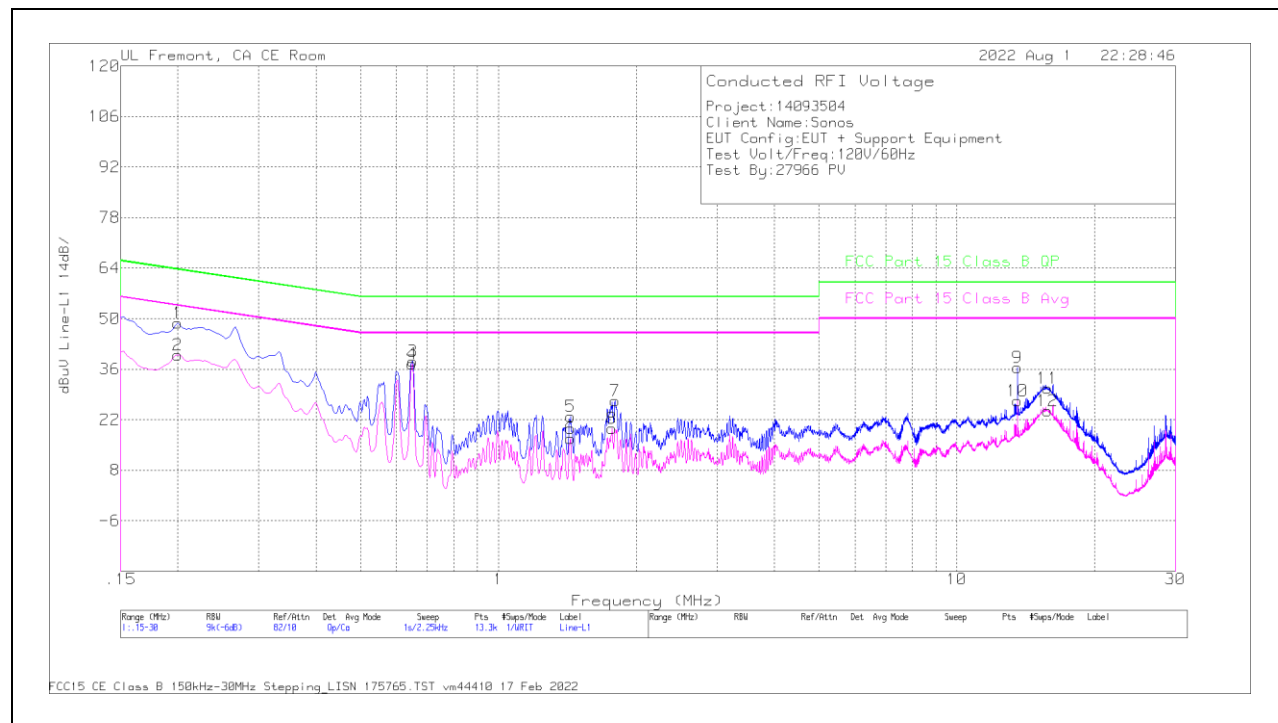
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

### RESULTS

## AC POWER LINE

### LINE 1 RESULTS

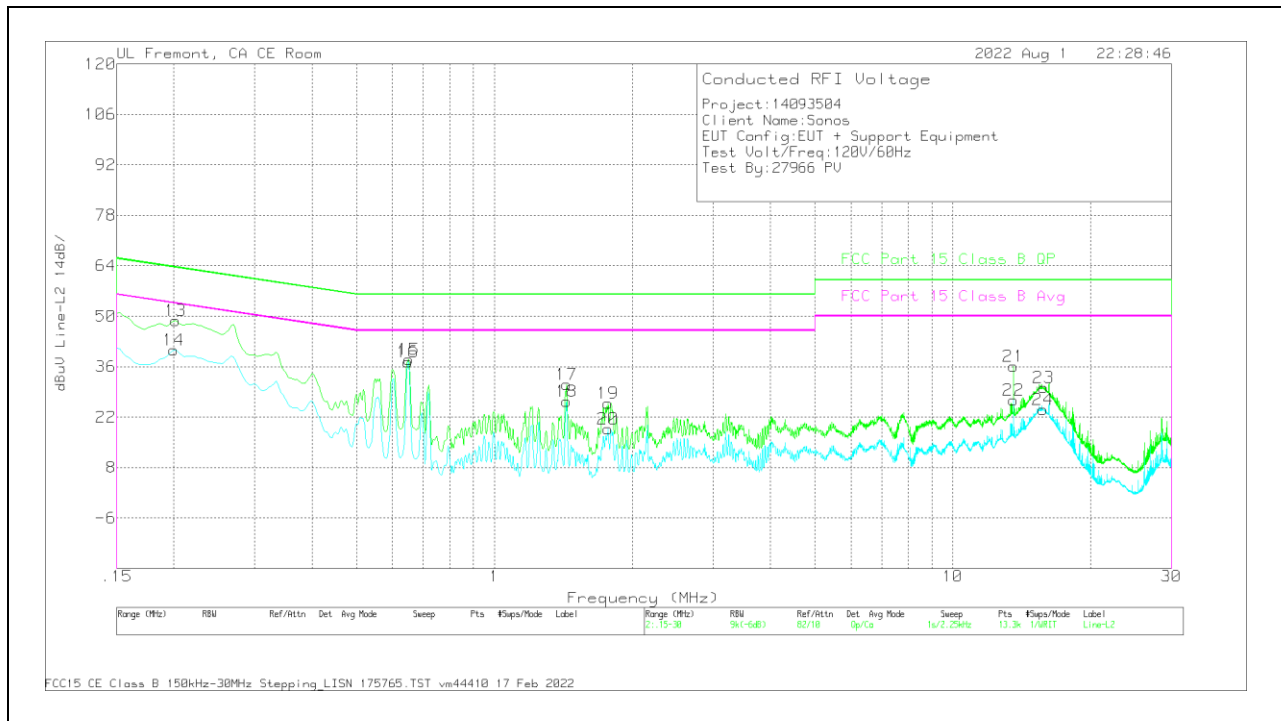


| Range 1: Line-L1 .15 - 30MHz |                 |                      |     |                |                       |                                |                        |                        |                |                         |                       |
|------------------------------|-----------------|----------------------|-----|----------------|-----------------------|--------------------------------|------------------------|------------------------|----------------|-------------------------|-----------------------|
| Marker                       | Frequency (MHz) | Meter Reading (dBuV) | Det | 175765 LISN L1 | C1&C3 cable path loss | 207996 Limiter with short cabl | Corrected Reading dBuV | FCC Part 15 Class B QP | QP Margin (dB) | FCC Part 15 Class B Avg | Av(CISPR)M argin (dB) |
| 2                            | .1995           | 30.44                | Ca  | .1             | 0                     | 9.4                            | 39.94                  | -                      | -              | 53.63                   | -13.69                |
| 4                            | .6473           | 28.03                | Ca  | 0              | .1                    | 9.3                            | 37.43                  | -                      | -              | 46                      | -8.57                 |
| 6                            | 1.437           | 7.39                 | Ca  | 0              | .1                    | 9.3                            | 16.79                  | -                      | -              | 46                      | -29.21                |
| 8                            | 1.77            | 10.11                | Ca  | 0              | .1                    | 9.3                            | 19.51                  | -                      | -              | 46                      | -26.49                |
| 10                           | 13.56           | 17.69                | Ca  | .1             | .2                    | 9.3                            | 27.29                  | -                      | -              | 50                      | -22.71                |
| 12                           | 15.7763         | 14.88                | Ca  | .1             | .2                    | 9.3                            | 24.48                  | -                      | -              | 50                      | -25.52                |
| 1                            | .1995           | 39.22                | Qp  | .1             | 0                     | 9.4                            | 48.72                  | 63.63                  | -14.91         | -                       | -                     |
| 3                            | .6495           | 28.83                | Qp  | 0              | .1                    | 9.3                            | 38.23                  | 56                     | -17.77         | -                       | -                     |
| 5                            | 1.437           | 13.52                | Qp  | 0              | .1                    | 9.3                            | 22.92                  | 56                     | -33.08         | -                       | -                     |
| 7                            | 1.797           | 17.78                | Qp  | 0              | .1                    | 9.3                            | 27.18                  | 56                     | -28.82         | -                       | -                     |
| 9                            | 13.56           | 26.9                 | Qp  | .1             | .2                    | 9.3                            | 36.5                   | 60                     | -23.5          | -                       | -                     |
| 11                           | 15.7898         | 21.04                | Qp  | .1             | .2                    | 9.3                            | 30.64                  | 60                     | -29.36         | -                       | -                     |

Qp - Quasi-Peak detector

Ca - CISPR average detection

## LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 175765 LISN L2 | C2&C3 cable path loss | 207996 Limiter with short cabl | Corrected Reading dBuV | FCC Part 15 Class B QP | QP Margin (dB) | FCC Part 15 Class B Avg | Av(CISPR)M argin (dB) |
|--------|-----------------|----------------------|-----|----------------|-----------------------|--------------------------------|------------------------|------------------------|----------------|-------------------------|-----------------------|
| 14     | .1995           | 31.14                | Ca  | 0              | 0                     | 9.4                            | 40.54                  | -                      | -              | 53.63                   | -13.09                |
| 16     | .6473           | 27.83                | Ca  | 0              | .1                    | 9.3                            | 37.23                  | -                      | -              | 46                      | -8.77                 |
| 18     | 1.437           | 17                   | Ca  | 0              | .1                    | 9.3                            | 26.4                   | -                      | -              | 46                      | -19.6                 |
| 20     | 1.77            | 9.31                 | Ca  | 0              | .1                    | 9.3                            | 18.71                  | -                      | -              | 46                      | -27.29                |
| 22     | 13.56           | 17.18                | Ca  | .1             | .2                    | 9.3                            | 26.78                  | -                      | -              | 50                      | -23.22                |
| 24     | 15.7403         | 14.52                | Ca  | .1             | .2                    | 9.3                            | 24.12                  | -                      | -              | 50                      | -25.88                |
| 13     | .2018           | 39.35                | Qp  | 0              | 0                     | 9.4                            | 48.75                  | 63.54                  | -14.79         | -                       | -                     |
| 15     | .6495           | 28.64                | Qp  | 0              | .1                    | 9.3                            | 38.04                  | 56                     | -17.96         | -                       | -                     |
| 17     | 1.437           | 21.65                | Qp  | 0              | .1                    | 9.3                            | 31.05                  | 56                     | -24.95         | -                       | -                     |
| 19     | 1.77            | 16.48                | Qp  | 0              | .1                    | 9.3                            | 25.88                  | 56                     | -30.12         | -                       | -                     |
| 21     | 13.56           | 26.57                | Qp  | .1             | .2                    | 9.3                            | 36.17                  | 60                     | -23.83         | -                       | -                     |
| 23     | 15.7673         | 20.59                | Qp  | .1             | .2                    | 9.3                            | 30.19                  | 60                     | -29.81         | -                       | -                     |

Qp - Quasi-Peak detector

Ca - CISPR average detection